

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

European Standards
10 m/s Maximum Wind

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 are calculated to comply with DIN 15018, ISO 4305 (1.25P + 0.1F), and include factors based on a 4.0 degree tipping angle. 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, auxiliary drum, wire rope guide in 3.0m insert, and one sheave in jib strut must be removed on 51.8m boom length.

Weight of all load blocks, hooks, weight ball, slings, etc., beneath boom and luffing jib point sheaves, is considered part of luffing jib load. Reeved hoist line weight included in luffing jib weight. 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. 7992-A** and Luffing Jib Raising Procedure chart **No. 7994-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.

Boom stop must be readjusted when equipped with luffing jib. Refer to operators manual for boom stop adjustment procedure.

Machine may be operated in winds up to 10 m/s provided crane operator judgment is used to allow for wind effect on lifted load and other considerations noted on capacity

chart are followed. A surface area of 1.2 m²/t of rated load has been included in capacity determination. Wind will have a considerable effect on a load. Loads with a surface area greater than 1.2 m²/t of rated load must be compensated for accordingly by reducing load ratings, reducing operating speeds or by a combination of both. Recommend stopping operation when wind is above 10 m/s and lowering boom and luffing jib to ground when wind is above 22 m/s.

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.

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.

Maximum capacity on 26 mm wire rope is 13 380 kg per line for rotation resistant, 12 520 kg per line for not non-twisting, or 9 070 kg per line when auxiliary drum is used.

Consult chart **No. 7991-AM** for lifting off lower boom point with luffing jib attached.

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Capacities indicated by (b) require 1 280 kg minimum
block weight. Capacities based on structural
competence are denoted by an asterisk (*).

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	42 100 b	65.7	43.4	41 000 b													14.0
16.0	49.5	40.6	31 200 *	56.0	41.9	36 500	59.6	42.4	35 700 b													16.0
18.0	42.0	38.6	26 600 *	49.2	40.3	31 200 *	53.2	41.1	31 600	59.2	41.9	30 400										18.0
20.0	33.2	36.0	23 100 *	41.7	38.4	26 600 *	46.1	39.4	28 000	52.7	40.5	26 900										20.0
22.0	21.5	32.2	19 800 *	32.8	35.7	23 100 *	38.1	37.2	24 800	45.6	38.8	23 800	52.2	39.8	22 900							22.0
24.0				20.9	31.8	20 100 *	28.3	34.1	21 900 *	37.5	36.5	21 300	45.0	38.0	20 500							24.0
26.0										27.5	33.4	19 300	36.8	35.7	18 500	44.1	37.0	17 700				26.0
28.0													26.5	32.5	16 800	35.7	34.6	16 100	42.9	35.8	15 400	28.0
30.0																25.1	31.2	14 700	34.3	33.3	14 000	30.0
32.0																2.0	22.9	13 500	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	40 100																14.0
16.0	55.4	44.4	31 200 *	60.7	45.4	35 900	63.7	45.9	35 000													16.0
18.0	49.5	42.9	26 700 *	55.1	44.2	31 100	58.4	44.8	30 900													18.0
20.0	42.9	41.0	23 200 *	49.2	42.6	26 700 *	52.6	43.4	27 700	58.0	44.2	26 500										20.0
22.0	35.5	38.5	20 400 *	42.7	40.7	23 100 *	46.5	41.7	24 700	52.3	42.8	23 600										22.0
24.0	26.3	35.2	18 000 *	35.2	38.2	20 400 *	39.6	39.5	21 900	46.1	41.1	21 100	51.8	42.1	20 200							24.0
26.0				25.9	34.8	18 000 *	31.5	36.7	19 300 *	39.1	38.9	19 000	45.5	40.3	18 200	51.1	41.2	17 400				26.0
28.0							20.8	32.7	17 100 *	30.9	36.1	17 300	38.5	38.1	16 500	44.7	39.3	15 800				28.0
30.0										20.0	31.9	15 800	30.1	35.2	15 100	37.6	37.1	14 500	43.7	38.1	13 800	30.0
32.0													18.7	30.8	13 900	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	11 700	34.0
36.0																			14.3	27.3	10 800	36.0



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Capacities indicated by (b) require 1 280 kg minimum
block weight. Capacities based on structural
competence are denoted by an asterisk (*).

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	30 500													18.0
20.0	49.4	45.2	23 400 *	54.5	46.5	26 900 *	57.4	47.1	27 300	61.9	47.7	26 100										20.0
22.0	43.6	43.3	20 500 *	49.2	44.9	23 300 *	52.3	45.7	24 600	57.1	46.6	23 500										22.0
24.0	37.2	40.9	18 200 *	43.4	43.0	20 500 *	46.8	44.0	22 000	51.9	45.1	21 100										24.0
26.0	29.6	37.9	16 300 *	36.9	40.7	18 200 *	40.7	41.9	19 500 *	46.4	43.4	19 000	51.5	44.4	18 200							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	17 300	45.9	42.6	16 500	50.8	43.5	15 800				28.0
30.0				19.0	33.1	14 600 *	25.3	35.7	15 600 *	33.3	38.6	15 800	39.7	40.5	15 100	45.2	41.7	14 400				30.0
32.0							12.4	29.9	13 900 *	24.7	35.0	14 500	32.7	37.8	13 900	39.0	39.4	13 200	44.3	40.4	12 600	32.0
34.0													23.8	34.0	12 800	31.8	36.6	12 200	38.0	38.1	11 600	34.0
36.0																22.6	32.7	11 300	30.5	35.2	10 700	36.0
38.0																5.1	24.6	10 500	20.9	31.1	10 000	38.0



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Capacities indicated by (b) require 1 280 kg minimum
block weight. Capacities based on structural
competence are denoted by an asterisk (*).

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	29 700													18.0
20.0	54.1	49.1	23 300 *	58.5	50.2	26 800 *	61.0	50.6	26 700													20.0
22.0	49.4	47.5	20 500 *	54.0	48.8	23 300 *	56.6	49.4	24 100	60.7	50.1	23 100										22.0
24.0	44.2	45.6	18 200 *	49.2	47.2	20 500 *	51.9	48.0	21 800	56.3	48.9	20 900										24.0
26.0	38.5	43.3	16 300 *	44.0	45.3	18 200 *	47.0	46.3	19 500 *	51.6	47.4	18 800	55.9	48.2	18 000							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	17 100	51.2	46.7	16 300							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	15 600	46.2	44.9	14 900							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	14 300	40.7	42.8	13 700	45.6	44.0	13 000				32.0
34.0							19.1	34.0	12 700 *	28.0	37.8	13 200	34.6	40.2	12 500	40.1	41.8	12 000	44.8	42.7	11 400	34.0
36.0										18.4	33.2	12 200	27.3	36.9	11 600	33.8	39.1	11 000	39.2	40.5	10 500	36.0
38.0													17.4	32.0	10 800	26.3	35.7	10 200	32.8	37.8	9 700	38.0
40.0																15.8	30.5	9 500	25.0	34.1	9 000	40.0
42.0																			13.6	28.4	8 400	42.0

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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	26 300													20.0
22.0	53.7	51.4	20 600 *	57.7	52.5	23 500 *	59.9	53.0	23 800													22.0
24.0	49.3	49.8	18 300 *	53.5	51.1	20 600 *	55.9	51.8	21 700	59.7	52.5	20 700										24.0
26.0	44.7	47.9	16 400 *	49.1	49.5	18 300 *	51.7	50.3	19 600 *	55.6	51.2	18 700										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	17 000	55.3	50.5	16 200							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	15 500	51.0	49.0	14 800							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	14 200	46.5	47.3	13 600	50.5	48.1	12 900				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	13 100	41.6	45.2	12 500	45.9	46.3	11 900				34.0
36.0				17.7	34.4	11 000 *	23.3	37.3	11 700 *	30.4	40.5	12 200	36.1	42.7	11 600	41.0	44.2	11 000	45.2	45.1	10 400	36.0
38.0							12.0	31.0	10 600 *	22.7	36.5	11 300	29.8	39.6	10 700	35.4	41.6	10 200	40.1	42.9	9 700	38.0
40.0													22.0	35.5	10 000	29.0	38.4	9 500	34.5	40.3	8 900	40.0
42.0																20.9	34.1	8 900	27.9	37.0	8 400	42.0
44.0																6.3	25.9	8 300	19.4	32.4	7 800	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	21 200													24.0
26.0	49.3	52.1	16 300 *	53.2	53.4	18 200 *	55.4	54.1	19 400	58.9	54.9	18 500										26.0
28.0	45.0	50.2	14 700 *	49.1	51.8	16 300 *	51.5	52.6	17 400 *	55.1	53.6	16 800										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	15 300	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	14 100	50.9	51.3	13 300							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	11 700				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	12 000	42.2	47.5	11 400	46.2	48.6	10 700				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	10 500	41.7	46.5	10 000				38.0
40.0							18.0	35.3	9 700 *	25.8	39.5	10 300	31.8	42.2	9 800	36.7	44.0	9 300	40.9	45.2	8 700	40.0
42.0										17.3	34.4	9 600	25.2	38.5	9 100	31.1	41.1	8 600	35.9	42.7	8 100	42.0
44.0													16.4	33.3	8 500	24.3	37.3	8 100	30.2	39.6	7 600	44.0
46.0																15.0	31.7	7 600	23.2	35.7	7 100	46.0
48.0																			13.1	29.5	6 700	48.0

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360 Degree Rating

Capacities indicated by (b) require 1 280 kg minimum
block weight. Capacities based on structural
competence are denoted by an asterisk (*).

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	18 300										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	16 800										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	15 300										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	14 100	54.4	55.1	13 300							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	12 900	50.7	53.6	12 300							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	12 000	46.9	51.9	11 400	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	11 100	42.8	49.8	10 500	46.4	50.9	9 900				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	9 200	45.8	49.7	8 700	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	9 100	37.8	46.5	8 600	41.6	47.6	8 100	42.0
44.0							11.7	32.1	8 200 *	21.3	37.9	9 000	27.7	41.3	8 500	32.8	43.6	8 000	37.0	45.1	7 500	44.0
46.0													20.6	36.9	8 000	26.9	40.1	7 500	31.9	42.2	7 100	46.0
48.0																19.6	35.5	7 000	26.0	38.6	6 600	48.0
50.0																7.1	27.1	6 600	18.3	33.7	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

European Standards
10 m/s Maximum Wind

777 SERIES 2

Capacities indicated by (b) require 1 280 kg minimum block weight. Capacities based on structural competence are denoted by an asterisk (*).

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	13 900 *	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	15 100										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	13 900	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	12 800	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	11 800	50.6	55.9	11 100							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	10 300	50.2	55.0	9 700				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	10 100	43.2	52.2	9 600	46.6	53.2	9 000				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	9 400	39.2	49.9	8 900	42.8	51.2	8 400	46.0	52.0	7 900	42.0
44.0	11.3	32.7	6 700 *	20.6	39.2	7 700 *	24.6	41.8	8 200 *	30.1	44.9	8 800	34.7	47.2	8 300	38.7	48.8	7 800	42.2	49.9	7 300	44.0
46.0							17.1	36.5	7 500 *	24.2	41.0	8 200 *	29.6	44.0	7 800	34.1	46.1	7 300	38.0	47.5	6 800	46.0
48.0										16.5	35.7	7 500 *	23.6	40.1	7 300	29.0	42.9	6 800	33.4	44.8	6 400	48.0
50.0													15.6	34.5	6 800	22.9	38.8	6 400	28.1	41.4	6 000	50.0
52.0																14.4	32.8	6 000	21.8	37.1	5 600	52.0
54.0																			12.7	30.7	5 200	54.0

Liftcrane Luffing Jib Capacities

European Standards
10 m/s Maximum Wind

777 SERIES 2

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

Capacities indicated by (b) require 1 280 kg minimum
block weight. Capacities based on structural
competence are denoted by an asterisk (*).

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	18 500 *																			13.7
14.0	75.0	68.5	18 400 *																			14.0
16.0	72.4	67.9	17 900 *																			16.0
18.0	69.7	67.2	17 400 *																			18.0
20.0	67.0	66.4	16 400 *	69.6	67.0	16 900 *																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	15 800 *													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	13 200 *	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	11 000							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	10 200							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	9 500	50.1	57.3	8 900				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	8 800	46.8	55.5	8 300				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	8 700	39.9	52.3	8 200	43.2	53.5	7 700				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	7 700	39.4	51.2	7 200	42.6	52.2	6 700	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	7 200	35.3	48.6	6 700	38.8	49.9	6 300	48.0
50.0							11.6	33.1	6 300 *	20.2	39.3	6 900 *	26.0	43.0	6 700	30.7	45.5	6 300	34.6	47.2	5 900	50.0
52.0													19.5	38.2	6 400	25.3	41.7	5 900	29.9	44.1	5 500	52.0
54.0																18.6	36.8	5 500	24.4	40.2	5 200	54.0
56.0																7.6	28.2	5 200	17.4	34.9	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

European Standards
10 m/s Maximum Wind

777 SERIES 2

Capacities indicated by (b) require 1 280 kg minimum block weight. Capacities based on structural competence are denoted by an asterisk (*).

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	15 600 *																			15.2
16.0	73.5	71.1	15 400 *																			16.0
18.0	71.0	70.5	15 000 *																			18.0
20.0	68.5	69.7	14 600 *																			20.0
22.0	66.0	68.9	14 000 *	68.4	69.5	14 100 *																22.0
24.0	63.4	68.0	13 100 *	65.9	68.7	13 800 *																24.0
26.0	60.7	66.9	12 300 *	63.3	67.7	13 100 *	64.8	68.1	13 300 *													26.0
28.0	58.0	65.7	11 500 *	60.6	66.7	12 300 *	62.1	67.1	12 800 *													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	11 100 *										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	10 800							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	10 000							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	9 300							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	8 600	50.0	59.6	8 100				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	8 000	46.9	57.8	7 500				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	7 500	43.6	55.8	7 000	46.4	56.6	6 600	46.0
48.0	19.9	41.0	5 800 *	25.7	45.3	6 200 *	28.7	47.4	6 400 *	33.0	50.1	6 800 *	36.7	52.1	7 000	40.1	53.6	6 500	43.1	54.6	6 100	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	6 500	36.3	51.0	6 100	39.5	52.3	5 700	50.0
52.0							16.4	37.7	5 700 *	22.9	42.5	6 000 *	27.9	45.8	6 100	32.1	48.1	5 700	35.7	49.7	5 300	52.0
54.0										15.8	36.8	5 700 *	22.4	41.5	5 800	27.3	44.6	5 300	31.4	46.7	5 000	54.0
56.0													15.1	35.6	5 400	21.7	40.2	5 000	26.5	43.1	4 600	56.0
58.0																14.0	34.0	4 700	20.7	38.5	4 300	58.0
60.0																			12.4	31.8	4 100	60.0



Liftcrane Luffing Jib Capacities

European Standards
10 m/s Maximum Wind

777 SERIES 2

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

Capacities indicated by (b) require 1 280 kg minimum
block weight. Capacities based on structural
competence are denoted by an asterisk (*).

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	13 600 *																			15.2
16.0	74.5	74.3	13 400 *																			16.0
18.0	72.2	73.7	13 000 *																			18.0
20.0	69.8	73.0	12 600 *																			20.0
22.0	67.5	72.2	12 100 *	69.8	72.8	12 200 *																22.0
24.0	65.1	71.3	11 400 *	67.4	72.0	11 800 *																24.0
26.0	62.6	70.4	10 600 *	65.0	71.1	11 300 *	66.3	71.5	11 400 *													26.0
28.0	60.1	69.3	9 900 *	62.5	70.1	10 600 *	63.9	70.5	11 000 *													28.0
30.0	57.5	68.1	9 300 *	60.0	69.0	10 000 *	61.4	69.5	10 300 *													30.0
32.0	54.8	66.7	8 800 *	57.4	67.8	9 300 *	58.9	68.3	9 700 *	61.3	69.0	10 200 *										32.0
34.0	52.1	65.2	8 400 *	54.7	66.5	8 800 *	56.2	67.1	9 100 *	58.7	67.8	9 700 *										34.0
36.0	49.2	63.6	7 800 *	52.0	65.0	8 400 *	53.5	65.7	8 600 *	56.1	66.5	9 100 *										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	8 600 *	55.8	65.8	9 100 *							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	5 800 *	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	7 400				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	6 800				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	6 400	46.6	58.9	5 900	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	6 000	43.4	56.9	5 500	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	5 500	40.1	54.7	5 100	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	5 200	36.5	52.1	4 800	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	4 900	32.7	49.2	4 400	56.0
58.0													18.7	39.5	4 100 *	24.0	43.3	4 500 *	28.3	45.8	4 200	58.0
60.0																17.8	38.1	4 000 *	23.2	41.7	3 900	60.0
62.0																7.9	29.3	3 600 *	16.7	36.2	3 700	62.0
64.0																			4.9	25.7	3 400	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

European Standards
10 m/s Maximum Wind

777 SERIES 2

Capacities indicated by (b) require 1 280 kg minimum block weight. Capacities based on structural competence are denoted by an asterisk (*).

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	40 900 b	67.2	46.7	39 800 b													14.0
16.0	49.9	43.7	31 600 *	57.2	45.1	35 200 *	61.2	45.7	34 700 b													16.0
18.0	42.4	41.8	27 000 *	50.5	43.7	30 700 *	54.9	44.5	30 800													18.0
20.0	33.7	39.3	23 400 *	43.2	41.8	27 200 *	48.0	42.9	27 600	55.3	44.0	26 300										20.0
22.0	22.3	35.5	20 100 *	34.6	39.3	23 900 *	40.3	40.8	24 600	48.5	42.5	23 500	55.6	43.4	22 400							22.0
24.0				23.5	35.7	20 800 *	31.1	38.0	22 000	40.9	40.5	21 000	48.8	41.9	20 000							24.0
26.0										31.8	37.7	19 000	41.2	39.9	18 000	48.9	41.0	17 100				26.0
28.0										19.3	33.6	17 200	32.2	37.2	16 400	41.3	39.0	15 500				28.0
30.0													20.0	33.1	15 000	32.3	36.3	14 200	41.0	37.9	13 500	30.0
32.0																20.1	32.3	13 100	32.0	35.2	12 300	32.0
34.0																			19.6	31.1	11 400	34.0

Liftcrane Luffing Jib Capacities

European Standards
10 m/s Maximum Wind

777 SERIES 2

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

Capacities indicated by (b) require 1 280 kg minimum
block weight. Capacities based on structural
competence are denoted by an asterisk (*).

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	40 000 b																14.0
16.0	55.7	47.5	31 800 *	61.7	48.7	34 900	65.1	49.1	34 000 b													16.0
18.0	49.8	46.0	27 100 *	56.2	47.5	30 500 *	59.8	48.1	30 100													18.0
20.0	43.3	44.1	23 500 *	50.3	46.0	27 000 *	54.2	46.8	27 000	60.2	47.6	25 700										20.0
22.0	35.9	41.7	20 600 *	43.9	44.1	23 900 *	48.2	45.2	24 300	54.6	46.4	23 200										22.0
24.0	26.9	38.4	18 200 *	36.7	41.8	20 900 *	41.5	43.2	21 800	48.6	44.8	20 800	54.8	45.7	19 700							24.0
26.0				27.8	38.6	18 500 *	33.8	40.6	19 700	42.0	42.8	18 700	48.8	44.2	17 800							26.0
28.0							24.1	36.9	17 800	34.4	40.3	17 000	42.3	42.2	16 200	48.9	43.3	15 300				28.0
30.0										24.8	36.7	15 500	34.7	39.7	14 800	42.3	41.4	14 000				30.0
32.0										8.3	30.0	14 300	25.3	36.2	13 600	34.8	38.8	12 800	42.1	40.2	12 100	32.0
34.0																25.4	35.4	11 800	34.5	37.7	11 100	34.0
36.0																			25.0	34.2	10 300	36.0
38.0																			8.7	27.6	9 600	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

European Standards
10 m/s Maximum Wind

777 SERIES 2

Capacities indicated by (b) require 1 280 kg minimum
block weight. Capacities based on structural
competence are denoted by an asterisk (*).

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	33 800																16.0
18.0	55.0	49.9	27 400 *	60.4	51.1	30 600	63.4	51.5	29 700													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	24 100	59.0	50.0	22 900										22.0
24.0	37.6	44.1	18 400 *	44.5	46.4	21 100 *	48.3	47.5	21 800	54.0	48.7	20 700										24.0
26.0	30.0	41.1	16 500 *	38.2	44.2	18 700 *	42.4	45.5	19 700	48.6	47.1	18 700	54.2	48.1	17 700							26.0
28.0	20.2	36.9	14 600 *	30.8	41.3	16 700 *	35.7	43.0	17 900	42.8	45.1	17 000	48.9	46.5	16 100							28.0
30.0				21.3	37.2	15 000 *	27.8	39.8	16 100 *	36.2	42.7	15 500	43.0	44.5	14 700	48.9	45.6	13 900				30.0
32.0							16.8	34.9	14 400 *	28.4	39.5	14 300	36.5	42.1	13 500	43.1	43.7	12 700				32.0
34.0										17.7	34.8	13 200	28.8	39.0	12 500	36.6	41.3	11 700	42.9	42.6	11 100	34.0
36.0													18.3	34.4	11 500	28.8	38.2	10 900	36.3	40.2	10 200	36.0
38.0																18.4	33.6	10 100	28.5	37.0	9 500	38.0
40.0																			17.9	32.3	8 900	40.0

Liftcrane Luffing Jib Capacities

European Standards
10 m/s Maximum Wind

777 SERIES 2

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

Capacities indicated by (b) require 1 280 kg minimum
block weight. Capacities based on structural
competence are denoted by an asterisk (*).

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	26 000													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	21 400	58.0	52.4	20 400										24.0
26.0	38.8	46.5	16 500 *	45.0	48.7	18 700 *	48.3	49.8	19 500	53.5	51.0	18 500										26.0
28.0	32.4	43.7	14 800 *	39.4	46.5	16 700 *	43.1	47.8	17 700	48.7	49.4	16 800	53.7	50.4	15 900							28.0
30.0	24.5	40.0	13 400 *	33.0	43.8	15 000 *	37.2	45.4	16 100	43.4	47.5	15 300	48.9	48.8	14 500							30.0
32.0	12.6	34.1	11 400 *	25.3	40.2	13 500 *	30.5	42.5	14 500 *	37.7	45.1	14 100	43.7	46.9	13 300	48.9	47.9	12 500				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	11 500				34.0
36.0										22.6	38.2	12 000	31.3	41.6	11 300	38.0	43.7	10 700	43.5	44.9	10 000	36.0
38.0										8.7	31.1	11 100	23.0	37.7	10 500	31.3	40.8	9 900	37.7	42.6	9 200	38.0
40.0																23.1	36.9	9 200	31.1	39.6	8 600	40.0
42.0																			22.8	35.7	8 000	42.0
44.0																			9.0	28.7	7 500	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

European Standards
10 m/s Maximum Wind

777 SERIES 2

Capacities indicated by (b) require 1 280 kg minimum
block weight. Capacities based on structural
competence are denoted by an asterisk (*).

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	25 600													20.0
22.0	53.9	54.5	20 800 *	58.4	55.8	23 900 *	61.0	56.3	23 200													22.0
24.0	49.6	52.9	18 500 *	54.3	54.4	21 200 *	57.0	55.1	21 100													24.0
26.0	44.9	51.1	16 600 *	50.0	52.9	18 800 *	52.8	53.7	19 400	57.3	54.7	18 300										26.0
28.0	39.8	48.9	14 900 *	45.3	51.1	16 800 *	48.4	52.1	17 700	53.1	53.3	16 700										28.0
30.0	34.2	46.2	13 500 *	40.3	48.9	15 100 *	43.6	50.1	16 100	48.7	51.7	15 300	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	14 000	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	13 200 *	38.8	47.5	12 900	44.2	49.2	12 100	48.9	50.2	11 400				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	11 200	44.2	48.3	10 600				36.0
38.0							15.8	36.1	11 000 *	26.0	41.2	11 100	33.2	44.2	10 400	39.1	46.1	9 800	44.0	47.2	9 200	38.0
40.0										16.6	36.1	10 300	26.3	40.7	9 700	33.3	43.3	9 100	38.9	45.0	8 500	40.0
42.0													17.1	35.7	9 100	26.4	39.8	8 500	33.0	42.2	7 900	42.0
44.0																17.2	34.8	7 900	26.1	38.7	7 400	44.0
46.0																			16.8	33.6	6 900	46.0

Liftcrane Luffing Jib Capacities

European Standards
10 m/s Maximum Wind

777 SERIES 2

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

Capacities indicated by (b) require 1 280 kg minimum
block weight. Capacities based on structural
competence are denoted by an asterisk (*).

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	24 900													20.0
22.0	57.3	58.2	20 900 *	61.3	59.3	22 900 *	63.6	59.8	22 700													22.0
24.0	53.5	56.8	18 400 *	57.7	58.1	21 100 *	60.0	58.7	20 700													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	17 900										26.0
28.0	45.3	53.4	14 800 *	49.9	55.2	16 700 *	52.5	56.0	17 400	56.6	57.0	16 500										28.0
30.0	40.7	51.2	13 400 *	45.7	53.4	15 000 *	48.4	54.4	15 900	52.8	55.6	15 100										30.0
32.0	35.6	48.7	12 200 *	41.1	51.2	13 700 *	44.1	52.5	14 600	48.7	54.0	13 800	52.9	55.0	13 000							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	11 900							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	11 700	44.6	51.5	11 000	48.9	52.5	10 400				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	10 900	39.9	49.3	10 200	44.6	50.6	9 600				38.0
40.0							20.5	39.8	10 000 *	28.5	44.0	10 100	34.8	46.7	9 500	40.0	48.4	8 900	44.5	49.5	8 300	40.0
42.0										21.1	39.6	9 500	28.8	43.4	8 900	34.8	45.8	8 300	39.8	47.3	7 700	42.0
44.0										8.9	32.2	8 900	21.4	39.2	8 300	28.9	42.6	7 700	34.6	44.7	7 200	44.0
46.0																21.5	38.3	7 200	28.6	41.4	6 700	46.0
48.0																			21.2	37.1	6 300	48.0
50.0																			9.2	29.8	5 900	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

European Standards
10 m/s Maximum Wind

777 SERIES 2

Capacities indicated by (b) require 1 280 kg minimum block weight. Capacities based on structural competence are denoted by an asterisk (*).

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	17 700										26.0
28.0	49.5	57.5	14 900 *	53.5	59.1	16 500 *	55.8	59.8	17 100	59.5	60.6	16 300										28.0
30.0	45.6	55.7	13 500 *	49.8	57.5	15 200 *	52.2	58.3	16 000	56.0	59.4	15 000										30.0
32.0	41.3	53.6	12 300 *	45.9	55.7	13 700 *	48.5	56.7	14 600	52.5	57.9	13 800	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	13 300 *	48.7	56.3	12 700	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	11 000							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	10 200	48.9	54.8	9 600				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	9 500	45.0	52.9	8 800				40.0
42.0				18.6	39.8	8 700 *	23.8	43.0	9 200 *	30.5	46.6	9 400	36.0	49.1	8 800	40.7	50.8	8 200	44.8	51.8	7 700	42.0
44.0							15.1	37.3	8 500 *	24.2	42.8	8 800	30.8	46.1	8 300	36.1	48.3	7 700	40.6	49.7	7 100	44.0
46.0										15.8	37.3	8 300	24.5	42.3	7 700	30.8	45.2	7 200	35.9	47.1	6 600	46.0
48.0													16.2	36.9	7 200	24.6	41.4	6 700	30.6	44.1	6 200	48.0
50.0																16.3	36.1	6 300	24.3	40.2	5 800	50.0
52.0																			15.9	34.8	5 500	52.0

Liftcrane Luffing Jib Capacities

European Standards
10 m/s Maximum Wind

777 SERIES 2

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

Capacities indicated by (b) require 1 280 kg minimum
block weight. Capacities based on structural
competence are denoted by an asterisk (*).

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	20 900 *																			13.7
14.0	74.0	68.4	20 800 *																			14.0
16.0	71.2	67.8	20 100 *																			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	16 600 *													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	15 900										28.0
30.0	49.4	59.8	13 200 *	53.2	61.4	14 100 *	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	13 600										32.0
34.0	41.9	55.9	11 100 *	46.1	58.0	12 300 *	48.5	59.0	13 000 *	52.2	60.2	12 500	55.7	61.1	11 700							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	10 800							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	10 000							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	9 900	45.2	56.1	9 300	48.9	57.1	8 600				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	9 200	41.3	54.0	8 600	45.3	55.3	8 000				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	8 600	37.1	51.5	8 000	41.3	53.1	7 400	45.1	54.2	6 900	44.0
46.0							19.3	41.1	7 700 *	26.7	45.6	8 100	32.4	48.6	7 500	37.1	50.7	7 000	41.2	52.0	6 400	46.0
48.0										19.9	41.0	7 600	26.9	45.1	7 000	32.4	47.8	6 500	36.9	49.6	6 000	48.0
50.0										9.1	33.3	7 100	20.2	40.5	6 600	27.0	44.3	6 100	32.2	46.7	5 600	50.0
52.0																20.2	39.7	5 700	26.8	43.1	5 200	52.0
54.0																			20.0	38.5	4 900	54.0
56.0																			9.4	30.9	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

European Standards
 10 m/s Maximum Wind

777 SERIES 2

Capacities indicated by (b) require 1 280 kg minimum
 block weight. Capacities based on structural
 competence are denoted by an asterisk (*).

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	18 000 *																			13.7
14.0	75.1	71.6	18 000 *																			14.0
16.0	72.5	71.0	17 500 *																			16.0
18.0	69.9	70.3	17 100 *																			18.0
20.0	67.2	69.5	16 400 *	70.1	70.2	16 500 *																20.0
22.0	64.4	68.6	15 500 *	67.4	69.4	16 200 *																22.0
24.0	61.6	67.6	14 500 *	64.7	68.5	15 600 *	66.5	68.9	15 600 *													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	13 400										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	11 400	55.3	63.4	10 700							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	10 600	52.2	61.9	9 900							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	9 800	48.9	60.3	9 200	52.2	61.1	8 500				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	9 100	45.5	58.4	8 500	48.9	59.4	8 000				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	8 500	41.9	56.3	7 900	45.5	57.6	7 400				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	8 000	38.0	53.9	7 400	41.9	55.5	6 900	45.4	56.5	6 400	46.0
48.0				17.7	41.1	6 800 *	22.4	44.4	7 200 *	28.6	48.4	7 500	33.7	51.2	6 900	38.0	53.1	6 400	41.8	54.4	5 900	48.0
50.0							14.5	38.4	6 600 *	22.9	44.3	7 000	28.8	47.9	6 500	33.7	50.3	6 000	37.8	52.0	5 500	50.0
52.0										15.2	38.4	6 600	23.1	43.8	6 100	28.9	47.0	5 600	33.5	49.2	5 100	52.0
54.0													15.5	38.1	5 700	23.2	42.9	5 300	28.7	45.9	4 800	54.0
56.0																15.6	37.2	4 900	22.9	41.7	4 500	56.0
58.0																			15.3	36.0	4 200	58.0



Liftcrane Luffing Jib Capacities

European Standards
10 m/s Maximum Wind

777 SERIES 2

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

Capacities indicated by (b) require 1 280 kg minimum
block weight. Capacities based on structural
competence are denoted by an asterisk (*).

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	15 300 *																			15.2
16.0	73.6	74.2	15 100 *																			16.0
18.0	71.2	73.6	14 700 *																			18.0
20.0	68.7	72.8	14 300 *																			20.0
22.0	66.1	72.0	13 900 *	68.9	72.7	13 900 *																22.0
24.0	63.5	71.1	13 200 *	66.4	71.9	13 500 *																24.0
26.0	60.9	70.0	12 300 *	63.8	70.9	13 200 *	65.4	71.4	13 100 *													26.0
28.0	58.1	68.8	11 500 *	61.1	69.9	12 500 *	62.8	70.4	12 800 *													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	11 900 *										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	11 400 *										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	9 700							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	9 000							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	8 300							42.0
44.0	31.1	52.6	6 600 *	35.8	55.7	7 200 *	38.3	57.2	7 500 *	42.2	59.2	8 100 *	45.7	60.7	7 800	48.9	61.7	7 200				44.0
46.0	26.2	49.0	6 300 *	31.5	52.7	6 700 *	34.3	54.5	7 100 *	38.6	56.9	7 600 *	42.3	58.7	7 200	45.7	59.9	6 600				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	6 800	42.4	57.8	6 200	45.6	58.8	5 700	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	6 300	38.7	55.5	5 800	42.2	56.7	5 300	50.0
52.0							18.4	42.4	5 800 *	25.2	47.2	6 200 *	30.4	50.5	5 900	34.8	52.8	5 400	38.6	54.3	5 000	52.0
54.0										18.9	42.3	5 800 *	25.4	46.7	5 500	30.5	49.7	5 000	34.7	51.7	4 600	54.0
56.0										9.3	34.4	5 500 *	19.2	41.9	5 200	25.5	45.9	4 700	30.3	48.5	4 300	56.0
58.0																19.3	41.0	4 400	25.3	44.7	4 000	58.0
60.0																			19.0	39.8	3 800	60.0
62.0																			9.5	31.9	3 500	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

European Standards
10 m/s Maximum Wind

777 SERIES 2

Capacities indicated by (b) require 1 280 kg minimum
block weight. Capacities based on structural
competence are denoted by an asterisk (*).

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	11 200 *																			15.2
16.0	74.6	77.4	11 000 *																			16.0
18.0	72.3	76.8	10 700 *																			18.0
20.0	70.0	76.1	10 400 *																			20.0
22.0	67.6	75.3	10 100 *	70.2	76.0	10 200 *																22.0
24.0	65.2	74.4	9 700 *	67.8	75.2	9 900 *																24.0
26.0	62.7	73.5	9 100 *	65.4	74.3	9 600 *	67.0	74.7	9 600 *													26.0
28.0	60.2	72.4	8 600 *	63.0	73.4	9 200 *	64.6	73.8	9 400 *													28.0
30.0	57.6	71.2	8 100 *	60.4	72.3	8 700 *	62.1	72.8	9 000 *													30.0
32.0	55.0	69.8	7 700 *	57.9	71.1	8 200 *	59.5	71.7	8 500 *	62.2	72.3	8 800 *										32.0
34.0	52.2	68.4	7 300 *	55.2	69.8	7 800 *	56.9	70.4	8 400 *	59.7	71.2	8 500 *										34.0
36.0	49.4	66.7	7 000 *	52.5	68.3	7 400 *	54.3	69.1	7 600 *	57.1	70.0	8 100 *										36.0
38.0	46.4	64.9	6 600 *	49.6	66.7	7 000 *	51.5	67.5	7 200 *	54.4	68.6	7 600 *										38.0
40.0	43.2	62.9	6 300 *	46.7	64.9	6 700 *	48.6	65.9	6 900 *	51.7	67.1	7 300 *	54.6	68.0	7 700 *							40.0
42.0	39.9	60.6	6 000 *	43.5	62.9	6 400 *	45.6	64.0	6 600 *	48.8	65.5	6 900 *	51.8	66.5	7 300 *							42.0
44.0	36.3	58.1	5 700 *	40.2	60.7	6 100 *	42.4	61.9	6 300 *	45.8	63.6	6 600 *	48.9	64.9	6 900 *							44.0
46.0	32.4	55.2	5 300 *	36.7	58.1	5 700 *	39.0	59.6	6 000 *	42.6	61.6	6 300 *	45.9	63.0	6 600 *	48.9	64.0	6 700				46.0
48.0	28.0	51.7	4 900 *	32.8	55.3	5 400 *	35.3	57.0	5 600 *	39.2	59.3	6 000 *	42.8	61.0	6 300 *	45.9	62.2	6 300				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	5 600 *	39.4	58.7	6 000 *	42.8	60.1	5 800				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	5 600 *	39.4	57.8	5 500	42.7	59.0	5 000	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	5 100	39.3	56.7	4 600	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	4 800	35.7	54.1	4 300	56.0
58.0										14.7	39.6	3 900 *	22.0	45.2	4 300 *	27.3	48.7	4 400	31.7	51.1	4 000	58.0
60.0													15.0	39.2	3 900 *	22.0	44.4	4 200	27.2	47.6	3 800	60.0
62.0																15.1	38.4	3 900	21.8	43.2	3 500	62.0
64.0																			14.8	37.1	3 300	64.0



Liftcrane Luffing Jib Capacities

European Standards
10 m/s Maximum Wind

777 SERIES 2

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

Capacities indicated by (b) require 1 280 kg minimum
block weight. Capacities based on structural
competence are denoted by an asterisk (*).

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	39 800 b																14.0
16.0	50.3	46.9	31 900 *	58.4	48.4	34 800	62.9	49.0	33 800 b													16.0
18.0	42.9	45.0	27 200 *	51.8	47.0	30 900	56.6	47.8	29 900													18.0
20.0	34.2	42.5	23 500 *	44.6	45.2	27 500 *	49.9	46.3	26 900	57.9	47.5	25 400										20.0
22.0	23.0	38.8	20 300 *	36.3	42.9	24 500 *	42.5	44.4	24 300	51.3	46.1	22 900										22.0
24.0				25.9	39.6	21 300 *	33.8	41.9	21 800	44.0	44.3	20 600	52.4	45.6	19 500							24.0
26.0							22.3	38.1	19 600	35.6	41.9	18 600	45.3	43.8	17 600							26.0
28.0										25.0	38.4	16 900	37.1	41.6	15 900	46.3	43.1	15 000				28.0
30.0													27.0	38.4	14 600	38.3	40.9	13 700				30.0
32.0													10.1	32.4	13 400	28.5	37.9	12 600	39.0	40.0	11 800	32.0
34.0																			29.4	37.0	10 900	34.0
36.0																			15.3	32.2	10 100	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

European Standards
10 m/s Maximum Wind

777 SERIES 2

Capacities indicated by (b) require 1 280 kg minimum block weight. Capacities based on structural competence are denoted by an asterisk (*).

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	38 900 b																14.0
16.0	56.0	50.7	32 100 *	62.7	51.9	34 000																16.0
18.0	50.1	49.2	27 300 *	57.2	50.7	30 200	61.2	51.4	29 300													18.0
20.0	43.7	47.3	23 600 *	51.5	49.3	27 100	55.7	50.1	26 200	62.3	51.0	24 800										20.0
22.0	36.3	44.9	20 800 *	45.2	47.5	24 400 *	49.8	48.6	23 700	56.8	49.8	22 400										22.0
24.0	27.4	41.7	18 300 *	38.1	45.3	21 500 *	43.3	46.7	21 600	51.0	48.4	20 300										24.0
26.0				29.6	42.3	18 900 *	36.0	44.3	19 500	44.7	46.6	18 400	52.0	47.9	17 300							26.0
28.0				18.0	37.8	16 500 *	27.0	41.0	17 700	37.5	44.3	16 600	45.8	46.1	15 700							28.0
30.0							13.2	35.6	15 700	28.9	41.2	15 200	38.8	43.9	14 300	46.6	45.4	13 400				30.0
32.0										16.8	36.5	14 000	30.5	41.1	13 200	39.8	43.3	12 300	47.2	44.4	11 500	32.0
34.0													19.4	36.8	12 100	31.7	40.5	11 300	40.4	42.3	10 600	34.0
36.0																21.1	36.5	10 500	32.4	39.6	9 800	36.0
38.0																			22.2	35.8	9 100	38.0

Liftcrane Luffing Jib Capacities

European Standards
10 m/s Maximum Wind

777 SERIES 2

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

Capacities indicated by (b) require 1 280 kg minimum
block weight. Capacities based on structural
competence are denoted by an asterisk (*).

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	33 500																16.0
18.0	55.2	53.0	27 600 *	61.3	54.3	29 800	64.7	54.8	28 800													18.0
20.0	50.0	51.5	23 800 *	56.4	53.1	26 700	60.0	53.7	25 800													20.0
22.0	44.3	49.6	20 900 *	51.2	51.6	24 200	55.0	52.5	23 400	60.9	53.4	22 100										22.0
24.0	37.9	47.3	18 600 *	45.6	49.8	21 700 *	49.7	50.9	21 400	56.0	52.2	20 100										24.0
26.0	30.5	44.4	16 600 *	39.4	47.7	19 100 *	44.0	49.1	19 500	50.8	50.7	18 300	56.8	51.6	17 200							26.0
28.0	20.8	40.2	14 700 *	32.3	44.9	17 000 *	37.6	46.7	17 700	45.2	48.9	16 600	51.7	50.2	15 700							28.0
30.0				23.3	41.1	15 300 *	30.1	43.7	16 200	38.9	46.7	15 200	46.1	48.5	14 300							30.0
32.0				7.6	33.9	12 900 *	20.3	39.5	14 800	31.7	43.8	14 000	40.0	46.3	13 100	46.9	47.7	12 300				32.0
34.0										22.5	39.9	12 900	33.0	43.6	12 100	40.9	45.7	11 300				34.0
36.0													24.3	40.0	11 200	34.0	43.0	10 400	41.4	44.7	9 700	36.0
38.0													10.1	33.5	10 400	25.6	39.5	9 700	34.6	42.1	9 000	38.0
40.0																			26.4	38.7	8 400	40.0
42.0																			14.3	33.3	7 800	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

European Standards
10 m/s Maximum Wind

777 SERIES 2

Capacities indicated by (b) require 1 280 kg minimum block weight. Capacities based on structural competence are denoted by an asterisk (*).

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	29 200																18.0
20.0	54.6	55.3	23 800 *	60.1	56.7	26 100	63.2	57.2	25 200													20.0
22.0	49.9	53.8	20 900 *	55.7	55.4	23 700	58.9	56.1	22 800													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	19 600										24.0
26.0	39.1	49.7	16 600 *	46.0	52.1	19 100 *	49.6	53.2	19 100	55.3	54.5	18 000										26.0
28.0	32.7	46.9	14 900 *	40.5	50.0	17 000 *	44.5	51.4	17 500	50.6	53.0	16 400	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	15 900	45.6	51.2	15 000	51.4	52.5	14 000							30.0
32.0	13.5	37.6	11 600 *	26.9	44.0	13 700 *	32.4	46.3	14 600	40.0	49.0	13 700	46.4	50.8	12 900	52.0	51.7	12 000				32.0
34.0				16.7	39.0	12 400 *	24.5	42.6	13 400 *	33.8	46.4	12 700	41.0	48.7	11 800	47.1	50.0	11 000				34.0
36.0							12.7	36.7	11 900 *	26.2	42.9	11 700	34.9	46.1	11 000	41.7	48.0	10 200				36.0
38.0										15.7	37.7	10 900	27.6	42.8	10 100	35.7	45.5	9 400	42.2	47.0	8 700	38.0
40.0													17.9	38.0	9 400	28.7	42.3	8 800	36.3	44.6	8 100	40.0
42.0																19.4	37.8	8 200	29.3	41.5	7 600	42.0
44.0																			20.3	37.1	7 000	44.0

Liftcrane Luffing Jib Capacities

European Standards
10 m/s Maximum Wind

777 SERIES 2

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

Capacities indicated by (b) require 1 280 kg minimum
block weight. Capacities based on structural
competence are denoted by an asterisk (*).

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	25 800	65.8	60.6	24 800													20.0
22.0	54.1	57.6	21 000 *	59.2	59.0	23 300	62.0	59.6	22 500													22.0
24.0	49.8	56.1	18 600 *	55.1	57.7	21 300	58.1	58.4	20 500													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	17 700										26.0
28.0	40.1	52.1	15 000 *	46.2	54.4	17 100 *	49.6	55.5	17 400	54.8	56.8	16 300										28.0
30.0	34.5	49.4	13 600 *	41.3	52.4	15 400 *	44.9	53.7	15 900	50.5	55.3	14 900	55.5	56.3	14 000							30.0
32.0	27.9	46.1	12 300 *	35.8	49.8	13 900 *	39.9	51.5	14 600	45.9	53.5	13 700	51.2	54.8	12 800							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	11 800	51.8	54.0	11 000				34.0
36.0				21.5	42.5	11 500 *	27.5	45.5	12 400 *	35.4	48.8	11 700	41.8	51.0	10 900	47.3	52.3	10 100				36.0
38.0				8.1	35.0	9 900 *	18.8	40.8	11 200 *	28.9	45.7	10 800	36.3	48.5	10 100	42.4	50.3	9 400				38.0
40.0										20.8	41.3	10 100	30.1	45.5	9 400	37.1	47.9	8 700	42.9	49.4	8 000	40.0
42.0													22.4	41.4	8 800	31.0	45.0	8 100	37.6	47.0	7 500	42.0
44.0													10.1	34.6	8 200	23.5	41.1	7 600	31.5	44.1	7 000	44.0
46.0																			24.2	40.3	6 500	46.0
48.0																			13.7	34.5	6 100	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

European Standards
10 m/s Maximum Wind

777 SERIES 2

Capacities indicated by (b) require 1 280 kg minimum block weight. Capacities based on structural competence are denoted by an asterisk (*).

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	22 900	64.5	63.0	22 000													22.0
24.0	53.7	59.9	18 500 *	58.4	61.4	20 800	61.0	62.0	20 100													24.0
26.0	49.7	58.4	16 600 *	54.6	60.0	19 100 *	57.3	60.8	18 400	61.7	61.6	17 300										26.0
28.0	45.5	56.5	14 900 *	50.6	58.5	17 000 *	53.5	59.4	16 900	58.1	60.5	15 900										28.0
30.0	40.9	54.4	13 500 *	46.5	56.7	15 300 *	49.5	57.8	15 700	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	14 400	50.3	57.6	13 500	54.9	58.6	12 600							32.0
34.0	30.1	48.8	11 200 *	37.1	52.3	12 600 *	40.7	53.8	13 300	46.1	55.8	12 400	51.0	57.1	11 600							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	11 500	46.9	55.4	10 700							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	10 600	42.4	53.3	9 900	47.4	54.6	9 100				38.0
40.0				15.8	40.2	9 500 *	22.7	44.1	10 300 *	31.0	48.3	9 900	37.5	51.0	9 200	43.0	52.7	8 400				40.0
42.0							12.3	37.8	9 200 *	24.3	44.5	9 200	32.0	48.1	8 500	38.2	50.3	7 900	43.4	51.7	7 300	42.0
44.0										14.9	38.9	8 600	25.5	44.4	7 900	32.8	47.5	7 300	38.6	49.4	6 700	44.0
46.0													16.8	39.3	7 500	26.5	44.0	6 800	33.3	46.6	6 300	46.0
48.0																18.2	39.1	6 400	27.0	43.2	5 900	48.0
50.0																			19.0	38.5	5 500	50.0

Liftcrane Luffing Jib Capacities

European Standards
10 m/s Maximum Wind

777 SERIES 2

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

Capacities indicated by (b) require 1 280 kg minimum
block weight. Capacities based on structural
competence are denoted by an asterisk (*).

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	18 200													26.0
28.0	49.7	60.7	15 000 *	54.2	62.4	16 700 *	56.7	63.1	16 800	60.8	64.0	15 700										28.0
30.0	45.8	58.8	13 600 *	50.5	60.8	15 500 *	53.2	61.7	15 500	57.4	62.8	14 500										30.0
32.0	41.6	56.7	12 300 *	46.7	59.1	13 900 *	49.5	60.1	14 400	53.9	61.5	13 500	58.0	62.3	12 600							32.0
34.0	37.0	54.3	11 200 *	42.5	57.0	12 600 *	45.6	58.3	13 300	50.2	59.9	12 400	54.5	60.9	11 600							34.0
36.0	31.9	51.4	10 300 *	38.1	54.7	11 500 *	41.4	56.2	12 300	46.4	58.1	11 400	50.9	59.4	10 700							36.0
38.0	25.9	47.8	9 400 *	33.1	51.9	10 500 *	36.8	53.7	11 300 *	42.2	56.1	10 600	47.0	57.7	9 900							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	9 200	47.5	56.9	8 400				40.0
42.0				20.2	43.9	8 800 *	25.6	47.1	9 400 *	32.7	50.8	9 200	38.5	53.3	8 500	43.5	55.0	7 900				42.0
44.0				8.5	36.1	7 700 *	17.8	42.1	8 600 *	26.9	47.4	8 600	33.6	50.6	7 900	39.1	52.7	7 300	43.8	54.0	6 700	44.0
46.0										19.5	42.7	8 000	27.9	47.2	7 400	34.3	50.0	6 800	39.5	51.7	6 200	46.0
48.0													20.9	42.8	7 000	28.7	46.8	6 400	34.7	49.1	5 800	48.0
50.0													10.1	35.6	6 500	22.0	42.5	6 000	29.2	45.9	5 400	50.0
52.0																			22.6	41.8	5 100	52.0
54.0																			13.2	35.6	4 800	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

European Standards
10 m/s Maximum Wind

777 SERIES 2

Capacities indicated by (b) require 1 280 kg minimum
block weight. Capacities based on structural
competence are denoted by an asterisk (*).

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	20 400 *																			13.7
14.0	74.2	71.5	20 300 *																			14.0
16.0	71.4	70.9	19 800 *																			16.0
18.0	68.5	70.2	18 900 *																			18.0
20.0	65.6	69.3	17 800 *	69.1	70.1	18 800 *																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	13 200 *	53.8	64.7	14 300 *	56.2	65.5	15 000 *	60.0	66.4	14 100										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	13 100										32.0
34.0	42.1	59.1	11 100 *	46.8	61.4	12 500 *	49.5	62.4	13 100	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	12 100	50.2	62.2	11 300	54.1	63.3	10 400							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	10 400	50.7	61.7	9 600							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	9 700	47.2	60.0	8 900	51.2	61.0	8 200				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	9 000	43.4	58.0	8 300	47.6	59.2	7 600				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	8 400	39.3	55.7	7 700	43.9	57.3	7 100				44.0
46.0				15.1	41.4	7 300 *	21.4	45.6	7 900 *	28.9	50.1	7 900	34.9	53.1	7 200	39.9	55.1	6 600	44.2	56.3	6 000	46.0
48.0							12.0	38.9	7 100 *	22.8	46.0	7 300	29.9	49.9	6 800	35.5	52.5	6 100	40.2	54.1	5 600	48.0
50.0										14.3	40.0	6 900	23.9	46.0	6 300	30.6	49.4	5 800	35.9	51.6	5 200	50.0
52.0													16.1	40.5	5 900	24.8	45.6	5 400	31.0	48.5	4 900	52.0
54.0																17.3	40.4	5 100	25.3	44.8	4 500	54.0
56.0																			18.0	39.7	4 300	56.0

Liftcrane Luffing Jib Capacities

European Standards
10 m/s Maximum Wind

777 SERIES 2

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

Capacities indicated by (b) require 1 280 kg minimum
block weight. Capacities based on structural
competence are denoted by an asterisk (*).

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	17 600 *																			13.7
14.0	75.3	74.7	17 600 *																			14.0
16.0	72.6	74.1	17 200 *																			16.0
18.0	70.0	73.4	16 700 *																			18.0
20.0	67.3	72.6	16 300 *	70.6	73.4	16 200 *																20.0
22.0	64.6	71.7	15 500 *	67.9	72.6	15 900 *																22.0
24.0	61.8	70.7	14 500 *	65.2	71.7	15 600 *																24.0
26.0	58.9	69.6	13 700 *	62.4	70.7	14 800 *	64.4	71.2	15 000 *													26.0
28.0	55.9	68.3	12 900 *	59.5	69.6	13 900 *	61.6	70.2	14 600 *													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	12 900										32.0
34.0	46.2	63.5	10 700 *	50.3	65.4	11 600 *	52.7	66.3	12 100 *	56.3	67.5	12 000										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	11 200										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	10 300	53.8	65.6	9 600							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	9 600	50.6	64.0	8 800							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	8 900	47.3	62.3	8 200	51.0	63.3	7 500				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	8 300	43.8	60.3	7 700	47.7	61.5	7 000				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	7 800	40.0	58.1	7 100	44.3	59.6	6 500				46.0
48.0				19.1	45.2	6 800 *	24.1	48.7	7 300 *	30.6	52.7	7 200	36.0	55.5	6 700	40.5	57.4	6 100	44.6	58.6	5 500	48.0
50.0				8.7	37.2	6 000 *	16.9	43.3	6 700 *	25.3	49.0	6 800	31.4	52.5	6 200	36.5	54.9	5 700	40.9	56.5	5 100	50.0
52.0										18.6	44.0	6 400	26.2	48.9	5 900	32.1	52.0	5 300	36.9	54.0	4 800	52.0
54.0													19.8	44.2	5 500	27.0	48.4	5 000	32.5	51.1	4 500	54.0
56.0													10.1	36.7	5 200	20.8	43.9	4 600	27.4	47.6	4 200	56.0
58.0																			21.4	43.2	3 900	58.0
60.0																			12.8	36.7	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

European Standards
10 m/s Maximum Wind

777 SERIES 2

Capacities indicated by (b) require 1 280 kg minimum block weight. Capacities based on structural competence are denoted by an asterisk (*).

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	15 000 *																			15.2
16.0	73.8	77.3	14 800 *																			16.0
18.0	71.3	76.6	14 400 *																			18.0
20.0	68.8	75.9	14 000 *																			20.0
22.0	66.3	75.1	13 700 *	69.4	75.9	13 600 *																22.0
24.0	63.7	74.2	13 200 *	66.8	75.1	13 300 *																24.0
26.0	61.0	73.1	12 300 *	64.2	74.2	13 000 *	66.1	74.6	12 800 *													26.0
28.0	58.3	71.9	11 600 *	61.6	73.1	12 600 *	63.5	73.7	12 600 *													28.0
30.0	55.5	70.6	10 800 *	58.9	72.0	11 800 *	60.9	72.6	12 300 *													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	11 700 *										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	11 500										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	10 100										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	9 400	53.5	67.9	8 600							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	8 700	50.5	66.3	8 000							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	8 100	47.4	64.6	7 400	50.9	65.6	6 800				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	7 500	44.1	62.6	6 900	47.8	63.8	6 300				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	7 100	40.6	60.4	6 500	44.6	61.9	5 900				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	6 600	36.9	57.9	6 000	41.1	59.8	5 500	44.8	60.9	4 900	50.0
52.0				14.6	42.5	5 700 *	20.3	46.9	5 900 *	27.3	51.8	6 200	32.8	55.1	5 600	37.4	57.3	5 100	41.4	58.8	4 500	52.0
54.0							11.8	40.0	5 500 *	21.6	47.4	5 800	28.1	51.7	5 300	33.3	54.5	4 700	37.7	56.4	4 300	54.0
56.0										13.9	41.1	5 500	22.7	47.5	4 900	28.8	51.2	4 500	33.7	53.6	4 000	56.0
58.0													15.4	41.7	4 700	23.4	47.1	4 200	29.2	50.3	3 700	58.0
60.0																16.6	41.6	3 900	23.9	46.3	3 400	60.0
62.0																			17.2	41.0	3 200	62.0
64.0																			5.0	30.8	3 000	64.0

Liftcrane Luffing Jib Capacities

European Standards
10 m/s Maximum Wind

777 SERIES 2

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

Capacities indicated by (b) require 1 280 kg minimum
block weight. Capacities based on structural
competence are denoted by an asterisk (*).

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	10 900 *																			15.2
16.0	74.7	80.4	10 800 *																			16.0
18.0	72.4	79.9	10 500 *																			18.0
20.0	70.1	79.2	10 200 *																			20.0
22.0	67.7	78.4	9 900 *																			22.0
24.0	65.3	77.5	9 600 *	68.3	78.4	9 700 *																24.0
26.0	62.9	76.6	9 100 *	65.9	77.5	9 500 *	67.6	77.9	9 400 *													26.0
28.0	60.3	75.5	8 600 *	63.4	76.6	9 200 *	65.2	77.0	9 200 *													28.0
30.0	57.8	74.3	8 100 *	60.9	75.5	8 700 *	62.7	76.1	9 000 *													30.0
32.0	55.1	73.0	7 700 *	58.3	74.3	8 200 *	60.2	75.0	8 600 *													32.0
34.0	52.4	71.5	7 300 *	55.7	73.0	7 800 *	57.6	73.8	8 100 *	60.7	74.6	8 400 *										34.0
36.0	49.5	69.9	6 900 *	53.0	71.6	7 400 *	55.0	72.4	7 700 *	58.2	73.5	8 200 *										36.0
38.0	46.5	68.1	6 600 *	50.2	70.0	7 000 *	52.2	71.0	7 300 *	55.5	72.1	7 700 *										38.0
40.0	43.4	66.1	6 300 *	47.2	68.3	6 700 *	49.4	69.3	7 000 *	52.8	70.7	7 400 *	56.0	71.6	7 700 *							40.0
42.0	40.1	63.8	6 100 *	44.1	66.3	6 400 *	46.4	67.5	6 600 *	49.9	69.1	7 000 *	53.2	70.2	7 400 *							42.0
44.0	36.5	61.3	5 700 *	40.9	64.1	6 100 *	43.3	65.5	6 300 *	47.0	67.3	6 700 *	50.4	68.6	7 100 *							44.0
46.0	32.6	58.4	5 300 *	37.3	61.7	5 800 *	39.9	63.3	6 100 *	43.9	65.4	6 400 *	47.5	66.9	6 800 *	50.8	67.9	6 400				46.0
48.0	28.3	55.0	5 000 *	33.5	58.9	5 500 *	36.3	60.7	5 700 *	40.6	63.2	6 100 *	44.4	64.9	6 400 *	47.9	66.1	5 900				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	5 800 *	41.2	62.8	6 100	44.8	64.2	5 500				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	5 700	41.6	62.1	5 100	45.1	63.2	4 600	52.0
54.0				18.3	46.5	4 100 *	22.9	50.2	4 400 *	28.9	54.5	5 100 *	33.9	57.6	5 300	38.2	59.7	4 800	41.9	61.1	4 300	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	5 000	34.4	57.0	4 400	38.5	58.8	4 000	56.0
58.0										17.8	45.3	4 100 *	24.9	50.5	4 600 *	30.3	53.8	4 200	34.7	56.1	3 700	58.0
60.0													19.0	45.5	4 100 *	25.6	50.1	3 900	30.6	53.0	3 400	60.0
62.0													10.1	37.8	3 700 *	19.8	45.3	3 600	26.0	49.2	3 200	62.0
64.0																11.7	38.2	3 400	20.4	44.6	3 000	64.0
66.0																			12.5	37.8	2 800	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

European Standards
10 m/s Maximum Wind

777 SERIES 2

Capacities indicated by (b) require 1 280 kg minimum block weight. Capacities based on structural competence are denoted by an asterisk (*).

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	38 700 b																14.0
16.0	50.6	50.0	32 300 *	59.5	51.6	34 000 b	64.4	52.2	32 800 b													16.0
18.0	43.3	48.1	27 500 *	53.1	50.3	30 200	58.3	51.2	29 100													18.0
20.0	34.7	45.7	23 800 *	46.0	48.6	26 700 *	51.8	49.8	26 100	60.4	50.9	24 500 b										20.0
22.0	23.7	42.1	20 500 *	38.0	46.4	24 000 *	44.5	48.0	23 700	54.0	49.6	22 100										22.0
24.0				28.1	43.3	21 700 *	36.3	45.6	21 500	47.0	48.0	20 200										24.0
26.0							25.8	42.3	19 500	39.1	45.8	18 200	49.1	47.7	17 100							26.0
28.0										29.6	42.9	16 600	41.6	45.7	15 500	50.9	47.0	14 400				28.0
30.0										15.6	38.1	15 100	32.7	43.0	14 100	43.6	45.2	13 100				30.0
32.0													20.7	39.1	13 000	35.1	42.7	12 100	45.1	44.3	11 200	32.0
34.0																24.2	39.2	11 100	36.9	42.0	10 300	34.0
36.0																			26.7	38.8	9 500	36.0
38.0																			9.3	32.6	8 800	38.0

Liftcrane Luffing Jib Capacities

European Standards
10 m/s Maximum Wind

777 SERIES 2

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

Capacities indicated by (b) require 1 280 kg minimum
block weight. Capacities based on structural
competence are denoted by an asterisk (*).

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	37 900 b																14.0
16.0	56.3	53.8	32 600 *	63.7	55.1	33 200 b																16.0
18.0	50.4	52.3	27 600 *	58.3	54.0	29 500	62.6	54.7	28 400													18.0
20.0	44.0	50.4	23 900 *	52.6	52.6	26 500	57.2	53.5	25 500													20.0
22.0	36.8	48.1	20 900 *	46.4	50.9	23 700 *	51.4	52.1	23 100	59.0	53.3	21 600										22.0
24.0	28.0	44.9	18 500 *	39.5	48.8	21 400 *	45.1	50.3	21 100	53.4	51.9	19 700										24.0
26.0				31.4	45.9	19 400 *	38.0	48.0	19 200	47.2	50.3	18 000	55.1	51.5	16 800							26.0
28.0				20.6	41.8	17 100 *	29.6	45.0	17 400	40.5	48.2	16 300	49.1	50.0	15 200							28.0
30.0							17.9	40.5	16 000	32.6	45.5	14 900	42.5	48.0	13 900							30.0
32.0										22.3	41.7	13 700	35.0	45.5	12 700	44.3	47.5	11 800				32.0
34.0													25.7	42.1	11 700	37.1	45.2	10 900	45.6	46.6	10 000	34.0
36.0																28.4	42.1	10 000	38.6	44.4	9 200	36.0
38.0																15.8	37.1	9 300	30.3	41.5	8 600	38.0
40.0																			19.0	37.1	8 000	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

European Standards
 10 m/s Maximum Wind

777 SERIES 2

Capacities indicated by (b) require 1 280 kg minimum
 block weight. Capacities based on structural
 competence are denoted by an asterisk (*).

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	32 700																16.0
18.0	55.5	56.1	28 000 *	62.1	57.5	29 000																18.0
20.0	50.3	54.6	24 100 *	57.3	56.3	26 100	61.2	57.0	25 100													20.0
22.0	44.6	52.8	21 100 *	52.2	54.9	23 600	56.3	55.8	22 800													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	19 400										24.0
26.0	30.9	47.6	16 700 *	40.6	51.1	19 400 *	45.6	52.6	19 100	52.9	54.3	17 800										26.0
28.0	21.4	43.5	14 800 *	33.7	48.5	17 500 *	39.4	50.4	17 500	47.4	52.6	16 300	54.4	53.8	15 200							28.0
30.0				25.2	44.9	15 600 *	32.2	47.6	16 000	41.5	50.6	14 900	49.1	52.3	13 900							30.0
32.0				12.1	39.0	13 700 *	23.2	43.8	14 600	34.7	48.0	13 700	43.3	50.4	12 700	50.5	51.6	11 800				32.0
34.0										26.5	44.6	12 600	36.8	48.0	11 700	44.8	49.8	10 800				34.0
36.0										14.5	39.3	11 700	29.1	44.9	10 800	38.5	47.6	10 000				36.0
38.0													18.8	40.4	10 100	31.2	44.7	9 200	39.9	46.8	8 500	38.0
40.0																21.9	40.7	8 600	32.8	44.1	7 900	40.0
42.0																			24.0	40.4	7 300	42.0
44.0																			9.5	33.7	6 800	44.0

Liftcrane Luffing Jib Capacities

European Standards
10 m/s Maximum Wind

777 SERIES 2

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

Capacities indicated by (b) require 1 280 kg minimum
block weight. Capacities based on structural
competence are denoted by an asterisk (*).

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	31 500																16.0
18.0	59.4	59.7	27 400 *	65.1	60.9	28 500																18.0
20.0	54.9	58.4	24 000 *	60.9	59.9	25 600	64.3	60.5	24 500													20.0
22.0	50.1	56.9	21 100 *	56.5	58.7	23 100	60.1	59.4	22 200													22.0
24.0	45.1	55.1	18 700 *	51.9	57.2	21 100	55.6	58.2	20 300													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	17 300										26.0
28.0	33.1	50.1	15 000 *	41.5	53.5	17 400 *	45.9	54.9	17 100	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	15 800	47.6	54.9	14 700	53.9	56.2	13 600							30.0
32.0	14.3	41.0	11 700 *	28.4	47.7	14 100 *	34.2	50.1	14 500	42.3	52.9	13 500	49.1	54.6	12 500							32.0
34.0				19.0	43.2	12 700 *	26.8	46.7	13 300	36.3	50.4	12 400	43.9	52.7	11 500	50.3	53.9	10 600				34.0
36.0							16.6	41.7	12 300	29.4	47.3	11 500	38.2	50.4	10 600	45.2	52.1	9 700				36.0
38.0										20.5	43.0	10 600	31.6	47.5	9 800	39.7	49.9	9 000				38.0
40.0													23.4	43.7	9 100	33.4	47.2	8 400	40.9	49.1	7 600	40.0
42.0																25.7	43.7	7 800	34.7	46.5	7 100	42.0
44.0																14.9	38.3	7 300	27.4	43.2	6 600	44.0
46.0																			17.6	38.4	6 200	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

European Standards
10 m/s Maximum Wind

777 SERIES 2

Capacities indicated by (b) require 1 280 kg minimum block weight. Capacities based on structural competence are denoted by an asterisk (*).

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	28 700 *																			14.0
16.0	66.2	64.2	27 200 *																			16.0
18.0	62.4	63.2	25 800 *	67.5	64.2	27 800																18.0
20.0	58.5	62.1	24 200 *	63.8	63.3	25 200	66.8	63.8	24 200													20.0
22.0	54.4	60.7	21 100 *	59.9	62.3	22 800	63.0	62.9	21 900													22.0
24.0	50.0	59.2	18 800 *	55.9	61.0	20 800	59.1	61.8	20 000													24.0
26.0	45.4	57.4	16 800 *	51.6	59.5	19 100 *	55.1	60.5	18 300	60.4	61.5	17 000										26.0
28.0	40.4	55.2	15 100 *	47.1	57.8	17 400 *	50.8	59.0	16 900	56.4	60.3	15 700										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	14 400	47.7	57.2	13 400	53.5	58.5	12 400							32.0
34.0	19.9	44.9	11 200 *	30.7	50.4	12 900 *	35.8	52.6	13 300	42.9	55.2	12 300	49.1	56.9	11 400							34.0
36.0				23.2	46.5	11 700 *	29.4	49.5	12 300	37.6	52.9	11 400	44.4	55.0	10 500	50.2	56.2	9 700				36.0
38.0				11.8	40.1	10 500 *	21.4	45.3	11 400	31.6	50.0	10 600	39.2	52.8	9 700	45.6	54.4	8 900				38.0
40.0										24.3	46.2	9 800	33.5	50.0	9 000	40.6	52.3	8 300	46.6	53.5	7 600	40.0
42.0										13.8	40.4	9 200	26.7	46.6	8 500	35.0	49.7	7 700	41.6	51.5	7 000	42.0
44.0													17.6	41.7	7 900	28.5	46.5	7 200	36.2	49.0	6 500	44.0
46.0																20.2	42.1	6 700	29.9	45.9	6 100	46.0
48.0																			22.1	41.8	5 700	48.0
50.0																			9.6	34.8	5 300	50.0

Liftcrane Luffing Jib Capacities

European Standards
10 m/s Maximum Wind

777 SERIES 2

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

Capacities indicated by (b) require 1 280 kg minimum
block weight. Capacities based on structural
competence are denoted by an asterisk (*).

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	24 400																20.0
22.0	57.7	64.4	21 100 *	62.6	65.7	22 300	65.4	66.3	21 400													22.0
24.0	53.9	63.1	18 700 *	59.0	64.6	20 300	61.9	65.3	19 500													24.0
26.0	50.0	61.5	16 700 *	55.3	63.3	18 700	58.3	64.1	17 900													26.0
28.0	45.7	59.7	15 100 *	51.4	61.8	17 200	54.6	62.8	16 500	59.5	63.9	15 300										28.0
30.0	41.2	57.6	13 600 *	47.3	60.1	15 700 *	50.6	61.3	15 300	55.8	62.6	14 100										30.0
32.0	36.2	55.1	12 400 *	42.8	58.1	14 200 *	46.4	59.5	14 200	51.9	61.2	13 100	56.9	62.2	12 100							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	12 100	53.1	60.8	11 200							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	11 200	49.1	59.2	10 300							36.0
38.0	13.7	42.2	9 100 *	26.2	49.4	10 700 *	31.4	52.1	11 200	38.7	55.2	10 300	44.8	57.3	9 500	50.1	58.5	8 700				38.0
40.0				17.8	44.5	9 700 *	24.8	48.3	10 400	33.3	52.5	9 600	40.1	55.1	8 800	45.9	56.7	8 000				40.0
42.0							15.7	42.9	9 600 *	27.1	49.1	9 000	35.0	52.5	8 200	41.3	54.6	7 500				42.0
44.0										19.1	44.4	8 400	29.1	49.3	7 700	36.4	52.2	6 900	42.3	53.8	6 300	44.0
46.0													21.8	45.1	7 100	30.7	49.1	6 500	37.4	51.4	5 800	46.0
48.0																23.8	45.2	6 100	31.9	48.5	5 400	48.0
50.0																14.2	39.4	5 700	25.3	44.8	5 100	50.0
52.0																			16.6	39.6	4 700	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

European Standards
 10 m/s Maximum Wind

777 SERIES 2

Capacities indicated by (b) require 1 280 kg minimum block weight. Capacities based on structural competence are denoted by an asterisk (*).

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	19 300													24.0
26.0	53.6	65.4	16 400 *	58.3	67.0	17 800 *	61.0	67.7	17 700													26.0
28.0	49.9	63.8	15 100 *	54.8	65.6	16 900	57.6	66.5	16 300	62.1	67.4	15 100										28.0
30.0	46.0	62.0	13 700 *	51.2	64.1	15 700	54.2	65.1	15 100	58.8	66.3	14 000										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	13 000										32.0
34.0	37.3	57.5	11 300 *	43.3	60.4	12 900 *	46.6	61.8	13 100	51.7	63.5	12 100	56.3	64.5	11 100							34.0
36.0	32.2	54.6	10 400 *	38.9	58.2	11 800 *	42.5	59.8	12 100	47.9	61.8	11 200	52.8	63.1	10 300							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	10 400	49.1	61.5	9 500							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	9 600	45.1	59.6	8 800	50.0	60.8	8 000				40.0
42.0				21.7	47.9	9 000 *	27.3	51.2	9 700	34.8	55.0	9 000	40.9	57.5	8 200	46.1	59.0	7 500				42.0
44.0				11.6	41.2	8 100 *	20.1	46.6	8 900 *	29.3	51.8	8 400	36.2	55.0	7 600	42.0	57.0	6 900				44.0
46.0										22.7	47.7	7 800	31.0	51.9	7 100	37.4	54.6	6 500	42.8	56.1	5 800	46.0
48.0										13.4	41.5	7 300	24.8	48.2	6 700	32.4	51.7	6 100	38.4	53.8	5 400	48.0
50.0													16.6	42.9	6 300	26.5	48.2	5 600	33.5	51.0	5 000	50.0
52.0																19.0	43.4	5 300	27.8	47.7	4 700	52.0
54.0																			20.7	43.2	4 400	54.0
56.0																			9.7	35.9	4 100	56.0

Liftcrane Luffing Jib Capacities

European Standards
10 m/s Maximum Wind

777 SERIES 2

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

Capacities indicated by (b) require 1 280 kg minimum
block weight. Capacities based on structural
competence are denoted by an asterisk (*).

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	19 800 *																			13.7
14.0	74.3	74.6	19 800 *																			14.0
16.0	71.5	74.0	19 300 *																			16.0
18.0	68.7	73.2	18 700 *																			18.0
20.0	65.7	72.4	17 800 *	69.7	73.3	18 300 *																20.0
22.0	62.8	71.4	16 800 *	66.8	72.5	18 000 *																22.0
24.0	59.7	70.3	15 900 *	63.8	71.6	17 300 *	66.2	72.0	17 400 *													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	15 900													28.0
30.0	49.8	66.1	13 300 *	54.4	68.0	14 500 *	57.1	68.8	14 700	61.2	69.8	13 600										30.0
32.0	46.2	64.3	12 300 *	51.1	66.4	13 700 *	53.8	67.4	13 700	58.1	68.6	12 600										32.0
34.0	42.4	62.2	11 200 *	47.5	64.7	12 900 *	50.4	65.9	12 700	54.9	67.3	11 700										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	10 900	55.8	66.8	10 000							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	10 100	52.5	65.4	9 300							38.0
40.0	28.4	53.8	8 600 *	35.3	57.9	9 800 *	38.9	59.8	10 200	44.3	62.2	9 400	49.1	63.8	8 600							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	8 800	45.4	61.9	8 000	49.9	63.1	7 200				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	8 200	41.5	59.8	7 400	46.3	61.3	6 700				44.0
46.0				16.9	45.7	7 500 *	23.3	49.8	8 100 *	31.1	54.4	7 600	37.3	57.4	6 900	42.5	59.3	6 200	47.1	60.4	5 600	46.0
48.0							15.1	44.1	7 400 *	25.4	50.7	7 100	32.6	54.5	6 500	38.4	57.0	5 800	43.3	58.5	5 200	48.0
50.0										18.1	45.7	6 700	27.2	51.0	6 000	33.8	54.2	5 400	39.2	56.2	4 800	50.0
52.0													20.5	46.5	5 700	28.6	50.9	5 000	34.8	53.5	4 500	52.0
54.0																22.4	46.7	4 700	29.7	50.4	4 200	54.0
56.0																13.7	40.6	4 400	23.8	46.4	3 900	56.0
58.0																			15.8	40.8	3 600	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

European Standards
10 m/s Maximum Wind

777 SERIES 2

Capacities indicated by (b) require 1 280 kg minimum
block weight. Capacities based on structural
competence are denoted by an asterisk (*).

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	17 200 *																			13.7
14.0	75.4	77.7	17 100 *																			14.0
16.0	72.8	77.2	16 700 *																			16.0
18.0	70.1	76.5	16 400 *																			18.0
20.0	67.5	75.7	16 000 *																			20.0
22.0	64.7	74.8	15 500 *	68.4	75.8	15 500 *																22.0
24.0	61.9	73.8	14 600 *	65.7	74.9	15 300 *																24.0
26.0	59.0	72.7	13 700 *	62.9	74.0	15 000 *	65.2	74.5	14 700 *													26.0
28.0	56.1	71.4	12 900 *	60.1	72.9	14 100 *	62.4	73.5	14 500 *													28.0
30.0	53.0	70.0	12 100 *	57.1	71.7	13 300 *	59.5	72.4	14 000 *													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	12 400										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	11 500										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	10 700										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	10 000	55.4	69.2	9 100							38.0
40.0	34.8	59.6	8 700 *	40.4	62.9	9 800 *	43.4	64.4	10 200	48.1	66.4	9 300	52.3	67.7	8 500							40.0
42.0	30.2	56.5	8 000 *	36.4	60.4	9 000 *	39.6	62.2	9 500	44.6	64.5	8 700	49.1	66.1	7 900							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	8 100	45.6	64.2	7 300	49.9	65.4	6 600				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	7 500	42.0	62.1	6 800	46.5	63.6	6 100				46.0
48.0				20.5	49.3	7 000 *	25.7	52.8	7 500 *	32.5	57.0	7 100	38.1	59.8	6 400	43.0	61.6	5 700				48.0
50.0				11.4	42.3	6 300 *	19.1	48.0	6 900 *	27.5	53.5	6 600	33.9	57.0	6 000	39.1	59.3	5 300	43.7	60.8	4 700	50.0
52.0										21.5	49.1	6 200	29.1	53.7	5 600	35.0	56.7	5 000	39.9	58.5	4 400	52.0
54.0										13.0	42.6	5 900	23.4	49.7	5 200	30.3	53.6	4 700	35.9	56.0	4 100	54.0
56.0													15.9	44.1	4 900	24.9	49.7	4 400	31.3	53.0	3 800	56.0
58.0																18.1	44.7	4 100	26.1	49.3	3 500	58.0
60.0																			19.7	44.6	3 300	60.0
62.0																			9.8	37.0	3 100	62.0

Liftcrane Luffing Jib Capacities

European Standards
10 m/s Maximum Wind

777 SERIES 2

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

Capacities indicated by (b) require 1 280 kg minimum
block weight. Capacities based on structural
competence are denoted by an asterisk (*).

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	14 600 *																			15.2
16.0	73.9	80.3	14 500 *																			16.0
18.0	71.4	79.7	14 100 *																			18.0
20.0	68.9	79.0	13 700 *																			20.0
22.0	66.4	78.2	13 400 *	69.8	79.0	13 300 *																22.0
24.0	63.8	77.3	13 000 *	67.3	78.2	13 100 *																24.0
26.0	61.1	76.2	12 400 *	64.7	77.4	12 800 *	66.8	77.8	12 500 *													26.0
28.0	58.4	75.0	11 600 *	62.1	76.4	12 500 *	64.2	76.9	12 300 *													28.0
30.0	55.6	73.7	10 900 *	59.4	75.2	12 000 *	61.6	75.9	12 100 *													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	11 300 *										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	11 200 *										34.0
36.0	46.6	68.9	8 900 *	50.8	71.1	9 800 *	53.2	72.1	10 400 *	57.0	73.3	10 400 *										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	9 700 *										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	9 100 *	55.0	71.5	8 200 *							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	8 500 *	52.1	70.0	7 700 *							42.0
44.0	31.6	59.1	6 700 *	37.2	62.8	7 400 *	40.3	64.5	7 900 *	44.9	66.8	7 900 *	49.0	68.4	7 100 *							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	7 400 *	45.9	66.5	6 600 *	49.8	67.7	5 900 *				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	6 800 *	42.5	64.5	6 200 *	46.7	66.0	5 500 *				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	6 400 *	38.9	62.1	5 800 *	43.4	64.0	5 100 *				50.0
52.0				16.2	46.9	5 800 *	22.0	51.3	6 000 *	29.2	56.2	6 000 *	35.0	59.5	5 400 *	39.8	61.7	4 800 *	44.0	63.1	4 100 *	52.0
54.0							14.5	45.2	5 700 *	24.0	52.2	5 600 *	30.6	56.4	5 000 *	36.0	59.1	4 400 *	40.6	60.9	3 800 *	54.0
56.0										17.3	46.9	5 300 *	25.6	52.6	4 700 *	31.8	56.2	4 100 *	36.8	58.4	3 600 *	56.0
58.0													19.5	47.8	4 400 *	27.0	52.6	3 800 *	32.7	55.5	3 300 *	58.0
60.0																21.2	48.1	3 600 *	28.0	52.1	3 100 *	60.0
62.0																13.3	41.7	3 400 *	22.5	47.9	2 800 *	62.0
64.0																			15.2	42.0	2 700 *	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

European Standards
10 m/s Maximum Wind

777 SERIES 2

Capacities indicated by (b) require 1 280 kg minimum
block weight. Capacities based on structural
competence are denoted by an asterisk (*).

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	10 700 *																			15.2
16.0	74.9	83.5	10 500 *																			16.0
18.0	72.6	82.9	10 300 *																			18.0
20.0	70.2	82.3	10 000 *																			20.0
22.0	67.9	81.5	9 700 *																			22.0
24.0	65.4	80.6	9 500 *	68.7	81.5	9 600 *																24.0
26.0	63.0	79.7	9 100 *	66.3	80.7	9 400 *																26.0
28.0	60.5	78.6	8 600 *	63.9	79.8	9 100 *	65.8	80.3	9 100 *													28.0
30.0	57.9	77.4	8 100 *	61.4	78.7	8 700 *	63.4	79.3	8 900 *													30.0
32.0	55.3	76.1	7 700 *	58.8	77.6	8 300 *	60.9	78.3	8 600 *													32.0
34.0	52.5	74.6	7 300 *	56.2	76.3	7 800 *	58.3	77.1	8 100 *	61.7	78.0	8 300 *										34.0
36.0	49.7	73.0	6 900 *	53.5	74.9	7 400 *	55.7	75.8	7 700 *	59.2	76.9	8 100 *										36.0
38.0	46.7	71.2	6 600 *	50.7	73.4	7 000 *	53.0	74.4	7 400 *	56.6	75.6	7 900 *										38.0
40.0	43.6	69.2	6 300 *	47.8	71.6	6 700 *	50.1	72.8	7 000 *	53.9	74.2	7 500 *	57.3	75.2	7 500 *							40.0
42.0	40.3	67.0	6 100 *	44.7	69.7	6 400 *	47.2	71.0	6 700 *	51.1	72.7	7 100 *	54.7	73.8	7 400 *							42.0
44.0	36.7	64.5	5 800 *	41.5	67.6	6 200 *	44.1	69.1	6 400 *	48.2	71.0	6 800 *	51.9	72.3	7 200							44.0
46.0	32.8	61.6	5 400 *	38.0	65.2	5 900 *	40.8	66.9	6 100 *	45.1	69.1	6 500 *	49.0	70.7	6 700							46.0
48.0	28.5	58.2	5 000 *	34.3	62.4	5 500 *	37.3	64.4	5 900 *	41.9	67.0	6 200 *	46.0	68.8	6 300	49.8	70.0	5 600				48.0
50.0	23.5	54.1	4 500 *	30.1	59.3	5 200 *	33.5	61.6	5 500 *	38.5	64.6	5 900 *	42.9	66.8	5 800	46.8	68.3	5 200				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	5 600 *	39.5	64.5	5 400	43.7	66.3	4 800				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	5 100	40.4	64.1	4 500	44.3	65.4	3 900	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	4 700	36.9	61.6	4 200	41.1	63.2	3 600	56.0
58.0										20.4	50.5	4 200 *	27.5	55.5	4 400	33.0	58.7	3 900	37.6	60.8	3 300	58.0
60.0										12.7	43.8	3 800 *	22.2	51.1	4 100	28.7	55.3	3 600	33.8	58.0	3 100	60.0
62.0													15.4	45.3	3 900	23.7	51.3	3 400	29.6	54.8	2 900	62.0
64.0																17.3	45.9	3 100	24.8	50.9	2 700	64.0
66.0																			18.8	45.9	2 400	66.0
68.0																			9.8	38.0	2 300	68.0



Liftcrane Luffing Jib Capacities

European Standards
10 m/s Maximum Wind

777 SERIES 2

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

Capacities indicated by (b) require 1 280 kg minimum
block weight. Capacities based on structural
competence are denoted by an asterisk (*).

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	37 600 b																14.0
16.0	51.0	53.1	32 600 *	60.7	54.9	32 900 b																16.0
18.0	43.7	51.3	27 800 *	54.3	53.6	29 300	60.0	54.5	28 100													18.0
20.0	35.2	48.9	24 000 *	47.4	52.0	26 400	53.5	53.2	25 200													20.0
22.0	24.4	45.4	20 700 *	39.6	49.9	24 000	46.5	51.5	22 900	56.5	53.1	21 300										22.0
24.0				30.2	47.0	22 000	38.6	49.3	20 900	49.8	51.6	19 400										24.0
26.0							28.9	46.3	19 100	42.4	49.7	17 800	52.7	51.4	16 400							26.0
28.0										33.6	47.1	16 200	45.6	49.7	15 000							28.0
30.0										22.1	43.4	14 800	37.5	47.4	13 600	48.4	49.2	12 600				30.0
32.0													27.5	44.3	12 500	40.7	47.2	11 500				32.0
34.0																31.6	44.4	10 600	43.3	46.5	9 700	34.0
36.0																19.0	40.2	9 800	34.7	44.0	9 000	36.0
38.0																			23.7	40.4	8 300	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

European Standards
 10 m/s Maximum Wind

777 SERIES 2

Capacities indicated by (b) require 1 280 kg minimum
 block weight. Capacities based on structural
 competence are denoted by an asterisk (*).

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	36 900 b																14.0
16.0	56.6	56.9	33 400 *	64.6	58.3	32 300 b																16.0
18.0	50.8	55.4	28 000 *	59.3	57.2	28 800	64.0	57.9	27 600													18.0
20.0	44.4	53.6	24 200 *	53.7	55.9	25 900	58.7	56.8	24 800													20.0
22.0	37.2	51.3	21 200 *	47.6	54.3	23 500	53.0	55.5	22 500	61.2	56.7	20 900										22.0
24.0	28.5	48.2	18 700 *	40.8	52.2	21 500	46.8	53.8	20 500	55.6	55.5	19 000										24.0
26.0				33.0	49.6	19 800	40.0	51.7	18 900	49.7	53.9	17 400										26.0
28.0				23.0	45.8	17 700 *	32.0	48.9	17 300	43.2	52.0	16 100	52.3	53.7	14 800							28.0
30.0							21.6	45.0	15 800	35.9	49.6	14 700	46.1	52.0	13 500							30.0
32.0										26.8	46.3	13 500	39.1	49.8	12 400	48.5	51.5	11 400				32.0
34.0													30.9	46.9	11 400	41.8	49.5	10 500				34.0
36.0													19.9	42.7	10 600	34.2	46.9	9 700	44.0	48.8	8 800	36.0
38.0																24.6	43.4	9 000	36.8	46.4	8 100	38.0
40.0																			28.0	43.3	7 600	40.0
42.0																			15.2	38.2	7 000	42.0

Liftcrane Luffing Jib Capacities

European Standards
10 m/s Maximum Wind

777 SERIES 2

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

Capacities indicated by (b) require 1 280 kg minimum
block weight. Capacities based on structural
competence are denoted by an asterisk (*).

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	31 800 b																16.0
18.0	55.8	59.2	28 200 *	63.0	60.7	28 200																18.0
20.0	50.6	57.7	24 300 *	58.2	59.6	25 400	62.5	60.3	24 300													20.0
22.0	44.9	55.9	21 300 *	53.2	58.2	23 000	57.7	59.2	22 000													22.0
24.0	38.6	53.7	18 900 *	47.7	56.6	21 000	52.6	57.8	20 100	59.9	59.1	18 600										24.0
26.0	31.4	50.8	16 800 *	41.8	54.6	19 400	47.1	56.1	18 500	54.9	57.8	17 100										26.0
28.0	22.0	46.8	15 000 *	35.1	52.0	17 800	41.1	54.0	17 100	49.6	56.2	15 700										28.0
30.0				27.0	48.7	16 000 *	34.2	51.4	15 700	43.9	54.4	14 500	51.9	56.0	13 300							30.0
32.0				15.4	43.6	14 300 *	25.9	48.0	14 400	37.5	52.0	13 300	46.4	54.3	12 200							32.0
34.0										30.0	49.0	12 300	40.3	52.1	11 300	48.5	53.8	10 300				34.0
36.0										20.1	44.7	11 400	33.3	49.5	10 400	42.7	51.8	9 500				36.0
38.0													24.7	45.9	9 600	36.1	49.4	8 800				38.0
40.0																28.2	46.2	8 100	38.3	48.8	7 400	40.0
42.0																17.4	41.5	7 600	30.9	45.9	6 800	42.0
44.0																			21.5	41.9	6 400	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

European Standards
 10 m/s Maximum Wind

777 SERIES 2

Capacities indicated by (b) require 1 280 kg minimum
 block weight. Capacities based on structural
 competence are denoted by an asterisk (*).

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	27 600																18.0
20.0	55.1	61.6	24 200 *	61.7	63.1	24 800	65.4	63.7	23 700													20.0
22.0	50.4	60.0	21 200 *	57.3	61.9	22 500	61.2	62.7	21 500													22.0
24.0	45.3	58.2	18 800 *	52.8	60.5	20 500	56.8	61.5	19 600													24.0
26.0	39.8	56.0	16 800 *	47.9	58.9	18 900	52.2	60.1	18 000	58.9	61.4	16 600										26.0
28.0	33.5	53.4	15 100 *	42.6	56.9	17 400	47.3	58.4	16 600	54.4	60.1	15 300										28.0
30.0	25.9	49.8	13 600 *	36.7	54.5	16 000	41.9	56.4	15 400	49.6	58.5	14 100										30.0
32.0	15.1	44.5	11 900 *	29.8	51.4	14 400 *	35.9	53.9	14 200	44.4	56.7	13 100	51.6	58.3	12 000							32.0
34.0				21.0	47.2	13 000 *	28.9	50.7	13 100	38.8	54.4	12 100	46.7	56.6	11 000							34.0
36.0							19.8	46.3	12 100	32.3	51.6	11 100	41.2	54.5	10 200	48.6	56.1	9 200				36.0
38.0										24.4	47.9	10 300	35.2	52.0	9 400	43.3	54.1	8 500				38.0
40.0													28.0	48.7	8 700	37.5	51.8	7 900	45.1	53.4	7 100	40.0
42.0													18.4	44.0	8 100	30.8	48.9	7 300	39.5	51.2	6 600	42.0
44.0																22.4	44.9	6 800	33.1	48.5	6 100	44.0
46.0																			25.4	44.9	5 700	46.0
48.0																			14.3	39.4	5 300	48.0

Liftcrane Luffing Jib Capacities

European Standards
10 m/s Maximum Wind

777 SERIES 2

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

Capacities indicated by (b) require 1 280 kg minimum
block weight. Capacities based on structural
competence are denoted by an asterisk (*).

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	27 100																18.0
20.0	58.7	65.2	24 300 *	64.5	66.5	24 400																20.0
22.0	54.6	63.9	21 300 *	60.6	65.5	22 100	64.0	66.1	21 200													22.0
24.0	50.3	62.3	18 900 *	56.6	64.3	20 200	60.2	65.1	19 300													24.0
26.0	45.7	60.5	16 900 *	52.4	62.9	18 600	56.1	63.8	17 700	62.0	64.9	16 400										26.0
28.0	40.7	58.4	15 200 *	48.0	61.2	17 200	51.9	62.4	16 400	58.0	63.8	15 000										28.0
30.0	35.1	55.8	13 800 *	43.2	59.2	15 900	47.4	60.7	15 100	53.9	62.4	13 900										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	12 900	55.6	62.1	11 800							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	12 000	51.4	60.6	10 900							34.0
36.0				24.7	50.3	12 000 *	31.2	53.4	12 100	39.8	56.8	11 000	46.9	58.9	10 100							36.0
38.0				14.6	44.7	10 800 *	23.8	49.5	11 200	34.1	54.1	10 200	42.0	56.8	9 300	48.6	58.4	8 500				38.0
40.0										27.4	50.8	9 500	36.6	54.4	8 700	43.9	56.5	7 800				40.0
42.0										18.7	46.1	8 900	30.4	51.4	8 100	38.7	54.2	7 200	45.4	55.7	6 500	42.0
44.0													22.7	47.4	7 500	32.8	51.4	6 800	40.4	53.6	6 000	44.0
46.0																25.9	47.9	6 300	34.8	51.0	5 600	46.0
48.0																16.4	42.7	5 900	28.3	47.7	5 200	48.0
50.0																			19.9	43.2	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

European Standards
 10 m/s Maximum Wind

777 SERIES 2

Capacities indicated by (b) require 1 280 kg minimum
 block weight. Capacities based on structural
 competence are denoted by an asterisk (*).

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	23 900																20.0
22.0	57.9	67.5	21 100 *	63.3	69.0	21 700	66.3	69.5	20 700													22.0
24.0	54.1	66.2	18 900 *	59.7	67.9	19 800	62.9	68.6	18 800													24.0
26.0	50.2	64.6	16 800 *	56.0	66.6	18 200	59.3	67.4	17 300													26.0
28.0	46.0	62.8	15 100 *	52.1	65.2	16 700	55.6	66.2	15 900	60.9	67.3	14 600										28.0
30.0	41.4	60.7	13 700 *	48.1	63.5	15 500	51.7	64.7	14 700	57.3	66.1	13 500										30.0
32.0	36.4	58.3	12 500 *	43.7	61.5	14 400	47.6	63.0	13 700	53.5	64.7	12 500										32.0
34.0	30.8	55.3	11 400 *	38.9	59.3	13 100 *	43.2	61.0	12 800	49.5	63.1	11 600	55.1	64.4	10 600							34.0
36.0	24.0	51.4	10 400 *	33.6	56.5	11 900 *	38.4	58.7	11 800	45.2	61.3	10 800	51.2	62.9	9 800							36.0
38.0	14.4	45.6	9 200 *	27.5	53.2	10 900 *	33.0	55.9	11 000	40.6	59.1	10 000	47.0	61.2	9 100							38.0
40.0				19.6	48.6	9 900 *	26.7	52.4	10 200	35.5	56.6	9 300	42.6	59.2	8 400	48.6	60.7	7 600				40.0
42.0							18.5	47.6	9 600	29.7	53.5	8 700	37.7	56.8	7 800	44.3	58.8	7 000				42.0
44.0										22.6	49.4	8 100	32.3	53.9	7 300	39.6	56.6	6 500				44.0
46.0													25.8	50.3	6 800	34.4	53.9	6 100	41.2	55.9	5 300	46.0
48.0													17.3	45.3	6 400	28.4	50.6	5 700	36.2	53.4	5 000	48.0
50.0																20.9	46.3	5 300	30.4	50.4	4 600	50.0
52.0																			23.5	46.4	4 300	52.0
54.0																			13.7	40.5	4 000	54.0

Liftcrane Luffing Jib Capacities

European Standards
10 m/s Maximum Wind

777 SERIES 2

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

Capacities indicated by (b) require 1 280 kg minimum
block weight. Capacities based on structural
competence are denoted by an asterisk (*).

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	18 900 *	65.1	71.9	18 700													24.0
26.0	53.8	68.5	16 400 *	58.9	70.2	17 900	61.9	70.9	17 100													26.0
28.0	50.1	66.9	15 200 *	55.5	68.9	16 600	58.5	69.8	15 800													28.0
30.0	46.2	65.1	13 700 *	51.9	67.5	15 400	55.1	68.5	14 600	60.1	69.7	13 400										30.0
32.0	42.0	63.1	12 500 *	48.1	65.8	14 300	51.5	67.0	13 600	56.7	68.4	12 400										32.0
34.0	37.5	60.7	11 400 *	44.1	63.9	13 100 *	47.7	65.3	12 700	53.1	67.0	11 500										34.0
36.0	32.5	57.8	10 400 *	39.8	61.6	12 000 *	43.6	63.3	11 800	49.4	65.4	10 800	54.7	66.7	9 800							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	10 100	51.0	65.2	9 100							38.0
40.0	19.2	49.6	8 700 *	29.6	55.9	10 000 *	34.4	58.4	10 200	41.3	61.5	9 300	47.2	63.5	8 400							40.0
42.0				23.1	51.8	9 200 *	28.9	55.2	9 600	36.7	59.0	8 700	43.1	61.5	7 800	48.7	63.0	7 000				42.0
44.0				14.0	45.9	8 400 *	22.2	51.0	8 900	31.6	56.1	8 100	38.7	59.2	7 300	44.7	61.1	6 500				44.0
46.0										25.5	52.4	7 600	33.8	56.5	6 800	40.4	58.9	6 100	46.0	60.3	5 300	46.0
48.0										17.6	47.3	7 100	28.2	53.1	6 400	35.7	56.4	5 600	41.8	58.2	5 000	48.0
50.0													21.3	48.8	6 000	30.4	53.3	5 300	37.3	55.8	4 600	50.0
52.0																24.1	49.4	4 900	32.2	52.9	4 300	52.0
54.0																15.6	43.9	4 600	26.3	49.4	4 000	54.0
56.0																			18.7	44.5	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

European Standards
 10 m/s Maximum Wind

777 SERIES 2

Capacities indicated by (b) require 1 280 kg minimum
 block weight. Capacities based on structural
 competence are denoted by an asterisk (*).

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

Liftcrane Luffing Jib Capacities

European Standards
10 m/s Maximum Wind

777 SERIES 2

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

Capacities indicated by (b) require 1 280 kg minimum
block weight. Capacities based on structural
competence are denoted by an asterisk (*).

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	16 800 *																		13.7		
14.0	75.5	80.8	16 800 *																		14.0		
16.0	72.9	80.2	16 400 *																		16.0		
18.0	70.3	79.6	16 000 *																		18.0		
20.0	67.6	78.8	15 700 *																		20.0		
22.0	64.9	77.9	15 300 *	68.9	78.9	15 200 *															22.0		
24.0	62.1	76.9	14 600 *	66.2	78.1	15 000 *															24.0		
26.0	59.2	75.8	13 700 *	63.4	77.2	14 800 *	65.9	77.7	14 400 *												26.0		
28.0	56.2	74.5	12 900 *	60.6	76.1	14 300 *	63.1	76.8	14 200 *												28.0		
30.0	53.1	73.1	12 200 *	57.7	74.9	13 400 *	60.3	75.7	13 900												30.0		
32.0	49.9	71.5	11 400 *	54.7	73.6	12 700 *	57.3	74.5	13 000	61.6	75.5	11 800									32.0		
34.0	46.6	69.7	10 800 *	51.5	72.1	11 900 *	54.3	73.1	12 100	58.7	74.4	11 000									34.0		
36.0	43.0	67.7	10 100 *	48.2	70.4	11 200 *	51.2	71.6	11 300	55.7	73.1	10 200									36.0		
38.0	39.2	65.4	9 500 *	44.8	68.5	10 600 *	47.9	69.9	10 600	52.6	71.7	9 600									38.0		
40.0	35.1	62.8	8 700 *	41.1	66.3	9 900 *	44.4	68.0	9 900	49.4	70.0	9 000	53.9	71.4	8 000						40.0		
42.0	30.4	59.7	8 000 *	37.1	63.9	9 100 *	40.7	65.8	9 300	46.0	68.2	8 400	50.8	69.8	7 500						42.0		
44.0	25.0	55.9	7 300 *	32.8	61.0	8 400 *	36.7	63.3	8 600	42.4	66.2	7 800	47.4	68.1	7 000						44.0		
46.0	18.2	50.8	6 700 *	27.8	57.6	7 700 *	32.2	60.4	8 100	38.5	63.8	7 300	43.9	66.1	6 500	48.7	67.6	5 700			46.0		
48.0				21.8	53.3	7 100 *	27.2	56.9	7 600	34.3	61.1	6 800	40.2	63.9	6 000	45.3	65.7	5 300			48.0		
50.0				13.5	47.0	6 500 *	21.0	52.4	7 100	29.6	57.9	6 400	36.1	61.4	5 600	41.6	63.6	4 900			50.0		
52.0										24.0	53.9	6 000	31.6	58.4	5 300	37.7	61.2	4 600	42.8	62.9	4 000	52.0	
54.0										16.8	48.6	5 600		26.5	54.8	4 900	33.4	58.4	4 300	39.0	60.6	3 700	54.0
56.0														20.2	50.2	4 600	28.5	55.1	4 000	34.8	57.9	3 400	56.0
58.0																	22.7	50.9	3 700	30.2	54.8	3 200	58.0
60.0																	15.0	45.0	3 500	24.7	50.9	2 900	60.0
62.0																			17.8	45.8	2 700	62.0	
64.0																			5.2	36.0	2 500	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

European Standards
10 m/s Maximum Wind

777 SERIES 2

Capacities indicated by (b) require 1 280 kg minimum
block weight. Capacities based on structural
competence are denoted by an asterisk (*).

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	14 300 *																			15.2
16.0	74.0	83.4	14 200 *																			16.0
18.0	71.6	82.8	13 800 *																			18.0
20.0	69.1	82.1	13 500 *																			20.0
22.0	66.5	81.3	13 200 *																			22.0
24.0	63.9	80.4	12 900 *	67.8	81.4	12 800 *																24.0
26.0	61.3	79.3	12 400 *	65.2	80.6	12 600 *	67.5	81.1	12 300 *													26.0
28.0	58.6	78.2	11 600 *	62.6	79.6	12 400 *	64.9	80.2	12 100 *													28.0
30.0	55.8	76.9	10 900 *	59.9	78.5	12 000 *	62.3	79.2	12 000 *													30.0
32.0	52.9	75.4	10 200 *	57.2	77.3	11 300 *	59.6	78.1	11 700 *													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	10 700										34.0
36.0	46.7	72.1	8 900 *	51.4	74.4	9 900 *	54.0	75.4	10 600 *	58.1	76.7	9 900										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	9 200										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	8 600	56.5	75.1	7 700							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	8 100	53.6	73.7	7 200							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	7 600	50.7	72.1	6 700							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	7 100	47.5	70.4	6 300	51.8	71.5	5 500				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	6 600	44.3	68.4	5 800	48.7	69.9	5 100				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	6 200	40.8	66.3	5 400	45.5	68.0	4 700				50.0
52.0				17.7	51.1	5 900 *	23.6	55.6	6 200 *	31.1	60.5	5 800	37.1	63.8	5 000	42.1	65.9	4 400	46.6	67.2	3 700	52.0
54.0							16.8	50.1	5 800 *	26.2	56.8	5 400	33.0	60.9	4 700	38.5	63.6	4 100	43.2	65.2	3 400	54.0
56.0										20.2	52.2	5 100	28.3	57.6	4 400	34.5	60.9	3 800	39.7	63.0	3 200	56.0
58.0													22.9	53.4	4 100	30.1	57.7	3 500	35.8	60.4	2 900	58.0
60.0													15.8	47.7	3 900	25.1	53.9	3 300	31.6	57.4	2 700	60.0
62.0																18.8	48.9	3 000	26.8	53.8	2 500	62.0
64.0																9.0	40.8	2 900	21.0	49.3	2 300	64.0
66.0																			12.9	42.7	2 100	66.0

Liftcrane Luffing Jib Capacities

European Standards
10 m/s Maximum Wind

777 SERIES 2

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

Capacities indicated by (b) require 1 280 kg minimum
block weight. Capacities based on structural
competence are denoted by an asterisk (*).

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

European Standards
10 m/s Maximum Wind

777 SERIES 2

Capacities indicated by (b) require 1 280 kg minimum
block weight. Capacities based on structural
competence are denoted by an asterisk (*).

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	36 600 b																14.0
16.0	51.4	56.3	33 200 *	61.8	58.1	32 100 b																16.0
18.0	44.1	54.4	28 000 *	55.5	56.9	28 600	61.6	57.8	27 300 b													18.0
20.0	35.7	52.0	24 200 *	48.7	55.3	25 700	55.3	56.5	24 500													20.0
22.0	25.1	48.6	20 900 *	41.1	53.3	23 400	48.5	55.0	22 200	59.0	56.6	20 500 b										22.0
24.0				32.1	50.6	21 400	40.8	52.9	20 300	52.5	55.2	18 700										24.0
26.0							31.7	50.2	18 700	45.4	53.5	17 100	56.2	55.0	15 700							26.0
28.0							19.2	46.0	17 200	37.3	51.2	15 800	49.4	53.5	14 400							28.0
30.0										27.2	48.0	14 400	41.9	51.5	13 200							30.0
32.0										10.5	42.2	13 200	33.1	48.9	12 100	45.8	51.3	11 000				32.0
34.0													21.3	45.0	11 200	37.7	49.0	10 100				34.0
36.0																27.7	45.9	9 300	41.4	48.6	8 400	36.0
38.0																11.8	40.4	8 600	32.4	45.9	7 800	38.0
40.0																			20.3	41.9	7 200	40.0

Liftcrane Luffing Jib Capacities

European Standards
10 m/s Maximum Wind

777 SERIES 2

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

Capacities indicated by (b) require 1 280 kg minimum
block weight. Capacities based on structural
competence are denoted by an asterisk (*).

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	31 600 b																16.0
18.0	51.1	58.6	28 300 *	60.3	60.5	28 100																18.0
20.0	44.7	56.8	24 400 *	54.7	59.2	25 200	60.1	60.1	24 100													20.0
22.0	37.6	54.5	21 400 *	48.8	57.6	22 900	54.5	58.9	21 800													22.0
24.0	29.0	51.4	18 900 *	42.2	55.7	21 000	48.5	57.3	20 000	57.9	58.9	18 300										24.0
26.0				34.6	53.1	19 300	41.9	55.3	18 300	52.1	57.5	16 800										26.0
28.0				25.1	49.7	17 900	34.3	52.7	17 000	45.9	55.8	15 500	55.3	57.3	14 100							28.0
30.0							24.7	49.2	15 600	38.9	53.6	14 300	49.4	55.8	13 100							30.0
32.0							8.0	42.4	14 300	30.7	50.7	13 200	42.8	53.8	12 000	52.4	55.3	10 900				32.0
34.0										19.6	46.4	12 100	35.4	51.4	11 000	46.2	53.6	10 000				34.0
36.0													26.2	48.0	10 200	39.3	51.4	9 200				36.0
38.0													11.7	42.2	9 500	31.1	48.6	8 600	42.4	50.9	7 600	38.0
40.0																20.2	44.4	7 900	34.9	48.4	7 100	40.0
42.0																			25.5	45.0	6 500	42.0
44.0																			10.1	38.7	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

European Standards
10 m/s Maximum Wind

777 SERIES 2

Capacities indicated by (b) require 1 280 kg minimum block weight. Capacities based on structural competence are denoted by an asterisk (*).

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	30 900 b																16.0
18.0	56.0	62.3	28 400 *	63.9	63.9	27 500																18.0
20.0	50.8	60.9	24 500 *	59.1	62.9	24 700	63.7	63.6	23 600													20.0
22.0	45.2	59.1	21 500 *	54.1	61.5	22 500	59.0	62.5	21 400													22.0
24.0	39.0	56.9	19 000 *	48.8	59.9	20 500	53.9	61.2	19 500													24.0
26.0	31.8	54.0	17 000 *	43.0	58.0	18 900	48.6	59.6	17 900	56.9	61.3	16 400										26.0
28.0	22.6	50.1	15 100 *	36.4	55.6	17 500	42.7	57.6	16 500	51.8	59.8	15 100										28.0
30.0				28.6	52.5	16 200	36.2	55.2	15 400	46.2	58.1	14 000	54.6	59.6	12 800							30.0
32.0				18.1	47.8	14 600 *	28.3	52.0	14 200	40.1	55.9	13 000	49.3	58.1	11 800							32.0
34.0							17.6	47.3	13 100	33.1	53.3	12 000	43.6	56.2	10 900							34.0
36.0										24.4	49.6	11 100	37.1	53.8	10 100	46.5	55.9	9 000				36.0
38.0										10.5	43.3	10 300	29.5	50.8	9 300	40.4	53.8	8 400				38.0
40.0													19.4	46.4	8 600	33.5	51.1	7 700	43.2	53.2	6 900	40.0
42.0																24.9	47.5	7 200	36.7	50.8	6 400	42.0
44.0																11.5	41.5	6 700	28.9	47.7	5 900	44.0
46.0																			18.5	43.2	5 500	46.0

Liftcrane Luffing Jib Capacities

European Standards
10 m/s Maximum Wind

777 SERIES 2

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

Capacities indicated by (b) require 1 280 kg minimum
block weight. Capacities based on structural
competence are denoted by an asterisk (*).

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	29 100 *																			16.0
18.0	59.8	65.9	27 600 *	66.7	67.3	26 900																18.0
20.0	55.4	64.7	24 500 *	62.5	66.3	24 200	66.5	67.0	23 000													20.0
22.0	50.7	63.2	21 400 *	58.2	65.2	21 900	62.3	66.0	20 900													22.0
24.0	45.6	61.4	19 000 *	53.6	63.8	20 100	58.0	64.9	19 000													24.0
26.0	40.1	59.2	17 000 *	48.8	62.2	18 400	53.5	63.5	17 500	60.6	64.8	15 900										26.0
28.0	33.8	56.6	15 200 *	43.6	60.3	17 000	48.6	61.9	16 100	56.2	63.6	14 700										28.0
30.0	26.3	53.1	13 700 *	37.8	58.0	15 800	43.4	59.9	15 000	51.5	62.1	13 600										30.0
32.0	15.9	47.9	12 000 *	31.2	55.1	14 600	37.6	57.6	13 900	46.5	60.4	12 600	54.1	62.0	11 400							32.0
34.0				22.9	51.2	13 300 *	30.9	54.7	12 900	41.1	58.3	11 800	49.3	60.4	10 600							34.0
36.0							22.6	50.7	11 900	35.0	55.7	10 800	44.1	58.5	9 800							36.0
38.0							8.5	43.5	11 100	27.7	52.5	10 100	38.4	56.2	9 100	46.8	58.2	8 100				38.0
40.0										18.1	47.7	9 300	31.9	53.4	8 400	41.3	56.1	7 500				40.0
42.0													23.8	49.6	7 800	35.3	53.6	6 900	43.8	55.6	6 100	42.0
44.0													11.4	43.3	7 300	28.1	50.4	6 400	38.0	53.2	5 700	44.0
46.0																18.6	45.7	6 000	31.4	50.4	5 200	46.0
48.0																			23.2	46.5	4 900	48.0
50.0																			10.1	39.8	4 600	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

European Standards
10 m/s Maximum Wind

777 SERIES 2

Capacities indicated by (b) require 1 280 kg minimum block weight. Capacities based on structural competence are denoted by an asterisk (*).

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	23 800																20.0
22.0	54.8	67.0	21 500 *	61.3	68.7	21 600	65.0	69.4	20 600													22.0
24.0	50.5	65.5	19 000 *	57.4	67.5	19 700	61.2	68.4	18 700													24.0
26.0	45.9	63.7	17 000 *	53.2	66.2	18 100	57.2	67.2	17 200													26.0
28.0	41.0	61.6	15 300 *	48.8	64.5	16 800	53.1	65.8	15 900	59.6	67.2	14 500										28.0
30.0	35.4	59.0	13 800 *	44.1	62.6	15 500	48.7	64.2	14 700	55.5	65.9	13 400										30.0
32.0	29.0	55.9	12 600 *	38.9	60.4	14 500	43.9	62.3	13 700	51.3	64.4	12 400	57.8	65.6	11 200							32.0
34.0	20.9	51.6	11 400 *	33.1	57.6	13 500 *	38.8	60.0	12 800	46.7	62.7	11 600	53.6	64.3	10 400							34.0
36.0				26.2	54.1	12 200 *	32.9	57.2	11 900	41.8	60.6	10 800	49.3	62.7	9 700							36.0
38.0				16.9	49.1	11 100 *	26.0	53.7	11 000	36.4	58.2	10 000	44.6	60.8	9 000							38.0
40.0							16.5	48.5	10 300	30.2	55.1	9 300	39.5	58.6	8 300	47.0	60.5	7 400				40.0
42.0										22.5	51.1	8 600	33.7	55.9	7 700	42.1	58.5	6 900				42.0
44.0										10.4	44.3	8 100	27.0	52.5	7 200	36.7	56.0	6 400	44.3	57.9	5 600	44.0
46.0													18.0	47.7	6 700	30.5	53.0	5 900	39.1	55.6	5 200	46.0
48.0																22.9	49.0	5 600	33.3	52.9	4 800	48.0
50.0																11.3	42.5	5 200	26.5	49.4	4 500	50.0
52.0																			17.3	44.5	4 200	52.0

Liftcrane Luffing Jib Capacities

European Standards
10 m/s Maximum Wind

777 SERIES 2

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

Capacities indicated by (b) require 1 280 kg minimum
block weight. Capacities based on structural
competence are denoted by an asterisk (*).

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	21 500																22.0
24.0	54.3	69.3	18 700 *	60.4	71.1	19 500	63.8	71.8	18 500													24.0
26.0	50.4	67.8	17 100 *	56.7	69.9	17 900	60.3	70.8	17 000													26.0
28.0	46.2	66.0	15 400 *	52.9	68.5	16 500	56.6	69.5	15 600													28.0
30.0	41.7	63.9	13 900 *	48.8	66.8	15 300	52.7	68.1	14 500	58.7	69.5	13 200										30.0
32.0	36.7	61.5	12 600 *	44.5	65.0	14 300	48.7	66.5	13 500	55.0	68.2	12 200										32.0
34.0	31.1	58.5	11 500 *	39.9	62.7	13 300	44.4	64.6	12 600	51.1	66.7	11 400	57.1	68.0	10 200							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	10 600	53.3	66.6	9 500							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	10 000	49.2	65.0	8 900							38.0
40.0				21.3	52.6	10 200 *	28.5	56.4	10 200	37.6	60.6	9 300	45.0	63.1	8 300	51.3	64.5	7 400				40.0
42.0							21.0	52.1	9 600	32.1	57.7	8 600	40.3	60.9	7 700	47.1	62.8	6 800				42.0
44.0							8.8	44.6	8 900	25.6	54.1	8 000	35.2	58.4	7 200	42.7	60.8	6 300				44.0
46.0										17.0	49.0	7 500	29.4	55.2	6 700	37.8	58.4	5 900	44.7	60.2	5 100	46.0
48.0													22.1	51.1	6 200	32.4	55.6	5 500	40.0	58.0	4 700	48.0
50.0													11.2	44.4	5 800	26.0	52.0	5 100	34.9	55.4	4 400	50.0
52.0																17.5	47.0	4 800	28.9	52.2	4 100	52.0
54.0																			21.6	47.9	3 800	54.0
56.0																			10.1	40.9	3 500	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

European Standards
10 m/s Maximum Wind

777 SERIES 2

Capacities indicated by (b) require 1 280 kg minimum block weight. Capacities based on structural competence are denoted by an asterisk (*).

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

Liftcrane Luffing Jib Capacities

European Standards
10 m/s Maximum Wind

777 SERIES 2

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

Capacities indicated by (b) require 1 280 kg minimum
block weight. Capacities based on structural
competence are denoted by an asterisk (*).

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	18 700 *																			13.7
14.0	74.6	80.7	18 700 *																			14.0
16.0	71.8	80.1	18 300 *																			16.0
18.0	69.0	79.4	18 000 *																			18.0
20.0	66.1	78.6	17 600 *	70.7	79.6	17 400 *																20.0
22.0	63.1	77.6	16 800 *	67.9	78.8	17 200 *																22.0
24.0	60.0	76.6	15 900 *	64.9	78.0	17 100 *																24.0
26.0	56.9	75.3	15 000 *	61.9	77.0	16 600 *	64.8	77.6	16 200													26.0
28.0	53.6	73.9	14 100 *	58.8	75.8	15 700	61.8	76.6	14 900													28.0
30.0	50.2	72.4	13 400 *	55.7	74.5	14 600	58.7	75.5	13 800													30.0
32.0	46.6	70.6	12 500 *	52.3	73.1	13 600	55.5	74.2	12 800	60.6	75.4	11 500										32.0
34.0	42.8	68.6	11 400 *	48.9	71.4	12 700	52.2	72.7	11 900	57.4	74.2	10 700										34.0
36.0	38.7	66.2	10 400 *	45.2	69.6	11 800	48.7	71.1	11 100	54.2	72.9	10 000										36.0
38.0	34.1	63.5	9 500 *	41.3	67.4	11 000	45.0	69.2	10 400	50.8	71.3	9 300										38.0
40.0	29.0	60.3	8 700 *	37.0	65.0	10 100 *	41.1	67.1	9 800	47.2	69.6	8 700	52.7	71.2	7 700							40.0
42.0	22.9	56.2	8 000 *	32.3	62.1	9 300 *	36.8	64.6	9 200	43.5	67.6	8 200	49.2	69.6	7 200							42.0
44.0	14.5	50.2	7 100 *	26.8	58.6	8 500 *	32.1	61.7	8 600	39.4	65.4	7 700	45.6	67.7	6 700							44.0
46.0				20.1	54.0	7 800 *	26.6	58.1	8 000	35.0	62.7	7 100	41.7	65.6	6 300	47.4	67.4	5 500				46.0
48.0							19.8	53.5	7 500	29.9	59.6	6 700	37.4	63.2	5 900	43.6	65.4	5 100				48.0
50.0							9.0	45.7	6 900	24.0	55.6	6 200	32.8	60.4	5 500	39.6	63.2	4 700	45.3	64.8	4 000	50.0
52.0										16.2	50.2	5 900	27.4	56.9	5 100	35.2	60.6	4 400	41.4	62.7	3 600	52.0
54.0													20.8	52.5	4 700	30.2	57.5	4 100	37.2	60.2	3 400	54.0
56.0													11.1	45.5	4 500	24.3	53.6	3 800	32.5	57.4	3 100	56.0
58.0																16.7	48.2	3 500	27.0	53.9	2 900	58.0
60.0																			20.4	49.3	2 700	60.0
62.0																			10.1	42.0	2 500	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

European Standards
10 m/s Maximum Wind

777 SERIES 2

Capacities indicated by (b) require 1 280 kg minimum
block weight. Capacities based on structural
competence are denoted by an asterisk (*).

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

Liftcrane Luffing Jib Capacities

European Standards
10 m/s Maximum Wind

777 SERIES 2

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

Capacities indicated by (b) require 1 280 kg minimum
block weight. Capacities based on structural
competence are denoted by an asterisk (*).

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	14 000 *																			15.2
16.0	74.1	86.5	13 800 *																			16.0
18.0	71.7	85.9	13 500 *																			18.0
20.0	69.2	85.2	13 200 *																			20.0
22.0	66.7	84.4	12 900 *																			22.0
24.0	64.1	83.5	12 600 *	68.2	84.6	12 500 *																24.0
26.0	61.4	82.4	12 300 *	65.7	83.8	12 300 *																26.0
28.0	58.7	81.3	11 700 *	63.1	82.8	12 100 *	65.6	83.4	11 800 *													28.0
30.0	55.9	80.0	10 900 *	60.4	81.7	11 900 *	63.0	82.5	11 700 *													30.0
32.0	53.0	78.6	10 200 *	57.7	80.5	11 400 *	60.3	81.4	11 600 *													32.0
34.0	50.0	77.0	9 600 *	54.8	79.2	10 800 *	57.6	80.2	11 300 *	61.9	81.3	10 200 *										34.0
36.0	46.9	75.2	9 000 *	51.9	77.7	10 100 *	54.7	78.8	10 600 *	59.2	80.2	9 500 *										36.0
38.0	43.6	73.2	8 400 *	48.9	76.0	9 400 *	51.8	77.3	9 900 *	56.4	78.9	8 800 *										38.0
40.0	40.1	71.0	7 800 *	45.7	74.2	8 800 *	48.8	75.7	9 300 *	53.5	77.5	8 200 *										40.0
42.0	36.3	68.4	7 300 *	42.3	72.1	8 200 *	45.6	73.8	8 700 *	50.6	75.9	7 700 *	55.1	77.3	6 700 *							42.0
44.0	32.1	65.5	6 800 *	38.7	69.8	7 700 *	42.2	71.7	8 200 *	47.5	74.2	7 200 *	52.2	75.8	6 300 *							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	6 700 *	49.2	74.2	5 800 *							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	6 300 *	46.0	72.3	5 500 *	50.7	73.7	4 700 *				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	6 000 *	42.6	70.3	5 100 *	47.6	72.0	4 300 *				50.0
52.0				19.1	55.3	5 900 *	25.1	59.7	6 300 *	32.8	64.7	5 500 *	39.0	68.0	4 800 *	44.3	70.1	4 100 *				52.0
54.0							18.9	54.8	6 000 *	28.2	61.3	5 200 *	35.1	65.3	4 500 *	40.9	67.9	3 800 *	45.8	69.4	3 000 *	54.0
56.0							9.1	46.8	5 400 *	22.7	57.1	4 900 *	30.8	62.3	4 200 *	37.1	65.4	3 500 *	42.4	67.4	2 800 *	56.0
58.0										15.6	51.4	4 600 *	25.9	58.5	3 900 *	33.0	62.6	3 200 *	38.8	65.0	2 600 *	58.0
60.0													19.8	53.8	3 600 *	28.4	59.2	3 000 *	34.9	62.4	2 300 *	60.0
62.0													11.0	46.5	3 400 *	23.0	55.1	2 800 *	30.5	59.2	2 200 *	62.0
64.0																16.0	49.4	2 500 *	25.5	55.5	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

European Standards
10 m/s Maximum Wind

777 SERIES 2

Capacities indicated by (b) require 1 280 kg minimum block weight. Capacities based on structural competence are denoted by an asterisk (*).

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



Liftcrane Luffing Jib Capacities

European Standards
10 m/s Maximum Wind

777 SERIES 2

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

Capacities indicated by (b) require 1 280 kg minimum
block weight. Capacities based on structural
competence are denoted by an asterisk (*).

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	35 500 b																14.0
16.0	51.7	59.4	33 500 *	62.9	61.3	31 200 b																16.0
18.0	44.5	57.6	28 300 *	56.7	60.2	27 800	63.2	61.0	26 400 b													18.0
20.0	36.2	55.2	24 400 *	50.0	58.7	25 000	57.0	59.9	23 700													20.0
22.0	25.8	51.9	21 200 *	42.6	56.8	22 700	50.3	58.4	21 500													22.0
24.0				33.9	54.2	20 900	42.9	56.5	19 700	55.2	58.7	17 900										24.0
26.0				22.5	50.5	19 200	34.3	54.0	18 100	48.3	57.2	16 400										26.0
28.0							23.1	50.4	16 800	40.7	55.1	15 200	53.0	57.2	13 700							28.0
30.0										31.5	52.4	14 100	45.9	55.5	12 700							30.0
32.0										18.9	48.1	12 900	37.9	53.2	11 700	50.4	55.2	10 500				32.0
34.0													28.0	50.2	10 700	43.0	53.3	9 600				34.0
36.0																34.5	50.8	8 900				36.0
38.0																23.3	47.2	8 200	39.4	50.7	7 200	38.0
40.0																			30.0	47.8	6 700	40.0
42.0																			16.3	43.1	6 200	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

European Standards
10 m/s Maximum Wind

777 SERIES 2

Capacities indicated by (b) require 1 280 kg minimum
block weight. Capacities based on structural
competence are denoted by an asterisk (*).

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	30 700 b																16.0
18.0	51.4	61.7	28 600 *	61.3	63.7	27 300																18.0
20.0	45.1	59.9	24 600 *	55.8	62.5	24 600	61.5	63.4	23 300													20.0
22.0	38.0	57.6	21 500 *	49.9	61.0	22 300	56.0	62.2	21 100													22.0
24.0	29.5	54.7	19 000 *	43.4	59.1	20 500	50.2	60.7	19 300													24.0
26.0				36.1	56.7	18 800	43.7	58.9	17 800	54.4	61.0	16 100										26.0
28.0				27.1	53.4	17 500	36.4	56.5	16 500	48.4	59.5	14 900										28.0
30.0				13.5	48.0	15 600 *	27.6	53.3	15 300	41.8	57.5	13 800	52.5	59.5	12 400							30.0
32.0							14.4	48.1	14 100	34.1	54.9	12 800	46.3	57.8	11 500							32.0
34.0										24.5	51.3	11 800	39.4	55.6	10 600	50.2	57.5	9 500				34.0
36.0													31.3	52.8	9 800	43.8	55.6	8 700				36.0
38.0													20.5	48.7	9 100	36.5	53.3	8 100				38.0
40.0																27.7	50.1	7 500	40.7	53.0	6 600	40.0
42.0																14.6	44.9	7 000	32.9	50.3	6 100	42.0
44.0																			22.8	46.5	5 600	44.0

Liftcrane Luffing Jib Capacities

European Standards
10 m/s Maximum Wind

777 SERIES 2

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

Capacities indicated by (b) require 1 280 kg minimum
block weight. Capacities based on structural
competence are denoted by an asterisk (*).

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	30 100 b																16.0
18.0	56.3	65.5	28 600 *	64.7	67.1	26 800																18.0
20.0	51.1	64.0	24 700 *	60.0	66.1	24 100	64.9	66.9	22 900													20.0
22.0	45.5	62.2	21 600 *	55.1	64.8	21 900	60.2	65.8	20 700													22.0
24.0	39.3	60.0	19 100 *	49.8	63.3	20 000	55.3	64.6	18 900													24.0
26.0	32.2	57.3	17 100 *	44.1	61.4	18 400	50.0	63.0	17 400	58.9	64.7	15 800										26.0
28.0	23.2	53.4	15 200 *	37.7	59.1	17 000	44.3	61.2	16 000	53.8	63.4	14 500										28.0
30.0				30.2	56.1	15 900	38.0	58.9	14 900	48.5	61.8	13 400										30.0
32.0				20.4	51.9	14 800	30.6	56.0	13 900	42.6	59.8	12 500	52.1	61.8	11 200							32.0
34.0							21.0	51.8	12 900	36.0	57.3	11 600	46.6	60.1	10 400							34.0
36.0										28.2	54.2	10 800	40.6	58.0	9 700	50.1	59.8	8 500				36.0
38.0										17.3	49.4	10 000	33.6	55.3	8 900	44.4	58.0	7 900				38.0
40.0													25.1	51.8	8 300	38.1	55.7	7 300				40.0
42.0																30.7	52.8	6 800	41.7	55.4	5 900	42.0
44.0																21.1	48.6	6 300	35.0	52.8	5 400	44.0
46.0																			26.8	49.5	5 100	46.0
48.0																			15.1	44.3	4 700	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

European Standards
 10 m/s Maximum Wind

777 SERIES 2

Capacities indicated by (b) require 1 280 kg minimum
 block weight. Capacities based on structural
 competence are denoted by an asterisk (*).

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	26 200																18.0
20.0	55.6	67.8	24 600 *	63.3	69.6	23 500	67.6	70.2	22 300													20.0
22.0	50.9	66.3	21 600 *	59.0	68.5	21 400	63.5	69.3	20 200													22.0
24.0	45.9	64.5	19 100 *	54.5	67.1	19 500	59.2	68.2	18 400													24.0
26.0	40.4	62.4	17 100 *	49.7	65.6	17 900	54.7	66.9	16 900	62.3	68.2	15 300										26.0
28.0	34.2	59.8	15 300 *	44.6	63.7	16 600	49.9	65.3	15 600	57.9	67.0	14 100										28.0
30.0	26.8	56.4	13 800 *	38.9	61.5	15 400	44.8	63.5	14 500	53.4	65.7	13 000										30.0
32.0	16.6	51.3	12 200 *	32.5	58.7	14 400	39.2	61.3	13 500	48.5	64.1	12 100	56.5	65.5	10 700							32.0
34.0				24.6	55.0	13 400	32.8	58.5	12 600	43.3	62.1	11 200	51.8	64.1	10 000							34.0
36.0				12.9	49.2	11 800 *	25.0	54.9	11 700	37.5	59.8	10 500	46.9	62.4	9 300							36.0
38.0							13.7	49.2	10 900	30.8	56.8	9 700	41.5	60.3	8 600							38.0
40.0										22.4	52.8	9 100	35.4	57.8	8 000	44.9	60.3	7 000				40.0
42.0													28.3	54.6	7 500	39.3	58.1	6 500				42.0
44.0													18.9	50.0	6 900	32.9	55.3	6 000	42.5	57.7	5 200	44.0
46.0																25.1	51.7	5 600	36.6	55.3	4 800	46.0
48.0																13.8	46.1	5 300	29.7	52.2	4 400	48.0
50.0																			20.9	48.0	4 100	50.0

Liftcrane Luffing Jib Capacities

European Standards
10 m/s Maximum Wind

777 SERIES 2

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

Capacities indicated by (b) require 1 280 kg minimum
block weight. Capacities based on structural
competence are denoted by an asterisk (*).

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	23 200																20.0
22.0	55.0	70.1	21 700 *	62.1	72.0	21 000	66.0	72.6	19 900													22.0
24.0	50.7	68.6	19 200 *	58.1	70.8	19 200	62.2	71.7	18 100													24.0
26.0	46.2	66.8	17 100 *	54.0	69.5	17 700	58.3	70.5	16 700													26.0
28.0	41.2	64.7	15 400 *	49.7	67.9	16 300	54.2	69.2	15 300	61.1	70.6	13 800										28.0
30.0	35.7	62.2	13 900 *	45.0	66.0	15 100	49.9	67.6	14 200	57.2	69.4	12 800										30.0
32.0	29.4	59.1	12 700 *	39.9	63.9	14 100	45.2	65.8	13 200	53.0	68.0	11 900										32.0
34.0	21.4	54.9	11 400 *	34.3	61.2	13 200	40.2	63.6	12 400	48.6	66.4	11 100	55.8	67.9	9 800							34.0
36.0				27.6	57.9	12 400	34.5	61.0	11 600	43.8	64.4	10 300	51.6	66.4	9 100							36.0
38.0				19.0	53.2	11 300 *	27.9	57.7	10 800	38.6	62.2	9 600	47.1	64.7	8 500							38.0
40.0							19.4	53.2	10 100	32.8	59.4	9 000	42.2	62.7	8 000	49.9	64.4	6 900				40.0
42.0										25.8	55.8	8 400	36.8	60.2	7 400	45.3	62.6	6 400				42.0
44.0										16.3	50.6	7 800	30.7	57.2	6 900	40.2	60.4	6 000				44.0
46.0													23.1	53.3	6 400	34.6	57.8	5 600	43.1	60.0	4 700	46.0
48.0																28.0	54.5	5 200	37.8	57.7	4 400	48.0
50.0																19.6	50.0	4 800	31.8	54.8	4 000	50.0
52.0																			24.6	51.1	3 800	52.0
54.0																			14.3	45.4	3 500	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

European Standards
10 m/s Maximum Wind

777 SERIES 2

Capacities indicated by (b) require 1 280 kg minimum
block weight. Capacities based on structural
competence are denoted by an asterisk (*).

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	20 900																22.0
24.0	54.6	72.4	18 700 *	61.0	74.3	19 000	64.7	75.1	17 900													24.0
26.0	50.6	70.9	17 200 *	57.4	73.1	17 400	61.2	74.1	16 400													26.0
28.0	46.4	69.1	15 500 *	53.6	71.8	16 100	57.6	72.9	15 200													28.0
30.0	41.9	67.1	14 000 *	49.6	70.2	14 900	53.8	71.5	14 000	60.2	72.9	12 600										30.0
32.0	37.0	64.6	12 700 *	45.3	68.4	13 900	49.8	69.9	13 100	56.5	71.7	11 700										32.0
34.0	31.4	61.7	11 600 *	40.8	66.2	13 000	45.5	68.1	12 200	52.7	70.3	10 900										34.0
36.0	24.8	58.0	10 600 *	35.7	63.7	12 200	41.0	66.0	11 400	48.6	68.7	10 100	55.3	70.2	9 000							36.0
38.0	15.7	52.5	9 400 *	29.9	60.6	11 300	35.9	63.5	10 700	44.3	66.8	9 500	51.4	68.7	8 400							38.0
40.0				22.9	56.5	10 400 *	30.2	60.4	10 000	39.6	64.5	8 900	47.2	67.0	7 800							40.0
42.0				12.5	50.3	9 200 *	23.2	56.4	9 400	34.4	61.9	8 300	42.8	65.0	7 300	49.8	66.7	6 300				42.0
44.0							13.1	50.3	8 800	28.4	58.6	7 800	38.0	62.6	6 800	45.6	64.9	5 900				44.0
46.0										20.8	54.2	7 300	32.5	59.8	6 400	41.0	62.8	5 500				46.0
48.0													26.1	56.2	5 900	36.0	60.3	5 100	43.6	62.3	4 300	48.0
50.0													17.7	51.3	5 500	30.3	57.2	4 700	38.9	60.1	4 000	50.0
52.0																23.3	53.2	4 400	33.5	57.3	3 700	52.0
54.0																13.3	47.2	4 100	27.4	53.9	3 400	54.0
56.0																			19.5	49.3	3 200	56.0



Liftcrane Luffing Jib Capacities

European Standards
10 m/s Maximum Wind

777 SERIES 2

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

Capacities indicated by (b) require 1 280 kg minimum
block weight. Capacities based on structural
competence are denoted by an asterisk (*).

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	20 800 *																			13.7
14.0	73.6	80.6	20 800 *																			14.0
16.0	70.5	80.0	20 500 *																			16.0
18.0	67.4	79.2	20 100 *																			18.0
20.0	64.3	78.3	19 200 *	69.8	79.5	19 600 *																20.0
22.0	61.0	77.3	18 300 *	66.6	78.7	19 500 *																22.0
24.0	57.6	76.1	17 400 *	63.5	77.8	18 700																24.0
26.0	54.1	74.7	16 500 *	60.2	76.7	17 100	63.6	77.5	16 100													26.0
28.0	50.5	73.2	15 500 *	56.8	75.5	15 700	60.3	76.4	14 800													28.0
30.0	46.6	71.4	13 900 *	53.3	74.1	14 600	56.9	75.2	13 700													30.0
32.0	42.5	69.4	12 700 *	49.6	72.5	13 600	53.4	73.8	12 700	59.4	75.3	11 400										32.0
34.0	38.0	67.0	11 500 *	45.6	70.7	12 700	49.7	72.2	11 900	55.9	74.0	10 600										34.0
36.0	33.0	64.2	10 500 *	41.4	68.6	11 900	45.8	70.4	11 100	52.4	72.6	9 900										36.0
38.0	27.3	60.8	9 700 *	36.9	66.1	11 100	41.6	68.3	10 400	48.6	71.0	9 200	54.8	72.5	8 100							38.0
40.0	20.1	56.2	8 800 *	31.7	63.2	10 400 *	37.1	65.9	9 800	44.7	69.1	8 600	51.2	71.0	7 500							40.0
42.0				25.7	59.5	9 500 *	32.0	63.0	9 200	40.4	66.9	8 100	47.4	69.3	7 000							42.0
44.0				17.9	54.5	8 700 *	26.0	59.4	8 600	35.7	64.3	7 600	43.3	67.3	6 600	49.8	69.0	5 700				44.0
46.0							18.3	54.5	8 000	30.4	61.2	7 100	38.9	65.0	6 200	45.9	67.2	5 300				46.0
48.0										24.0	57.4	6 600	34.0	62.3	5 800	41.7	65.1	4 900				48.0
50.0										15.5	51.8	6 200	28.5	59.0	5 400	37.1	62.7	4 600	44.0	64.7	3 800	50.0
52.0													21.6	54.7	5 000	32.0	59.8	4 200	39.7	62.4	3 500	52.0
54.0																26.1	56.2	3 900	34.9	59.8	3 200	54.0
56.0																18.4	51.3	3 700	29.5	56.6	3 000	56.0
58.0																			23.0	52.6	2 800	58.0
60.0																			13.8	46.5	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

European Standards
 10 m/s Maximum Wind

777 SERIES 2

Capacities indicated by (b) require 1 280 kg minimum
 block weight. Capacities based on structural
 competence are denoted by an asterisk (*).

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	18 100 *																			13.7
14.0	74.8	83.8	18 100 *																			14.0
16.0	72.0	83.2	17 800 *																			16.0
18.0	69.1	82.5	17 400 *																			18.0
20.0	66.2	81.7	17 100 *																			20.0
22.0	63.2	80.7	16 800 *	68.4	82.0	16 700 *																22.0
24.0	60.2	79.7	15 900 *	65.5	81.2	16 500 *																24.0
26.0	57.0	78.4	15 000 *	62.5	80.2	16 400	65.6	80.9	15 700													26.0
28.0	53.8	77.1	14 200 *	59.4	79.1	15 400	62.6	79.9	14 400													28.0
30.0	50.4	75.5	13 400 *	56.3	77.8	14 200	59.6	78.8	13 300													30.0
32.0	46.8	73.7	12 600 *	53.0	76.4	13 200	56.4	77.5	12 400	61.8	78.8	11 000										32.0
34.0	43.0	71.7	11 400 *	49.5	74.8	12 300	53.1	76.1	11 500	58.7	77.7	10 200										34.0
36.0	38.9	69.4	10 400 *	45.9	73.0	11 500	49.7	74.5	10 700	55.5	76.4	9 500										36.0
38.0	34.4	66.7	9 600 *	42.0	70.9	10 800	46.0	72.7	10 000	52.1	74.9	8 900										38.0
40.0	29.3	63.5	8 800 *	37.8	68.5	10 200	42.2	70.7	9 500	48.7	73.3	8 300	54.4	74.8	7 200							40.0
42.0	23.2	59.5	8 100 *	33.2	65.7	9 500 *	38.0	68.3	8 900	45.0	71.4	7 800	51.0	73.3	6 700							42.0
44.0	15.0	53.7	7 200 *	27.9	62.3	8 600 *	33.4	65.5	8 300	41.0	69.2	7 300	47.5	71.6	6 300							44.0
46.0				21.5	58.0	7 900 *	28.2	62.1	7 900	36.8	66.8	6 800	43.7	69.6	5 900	49.7	71.3	4 900				46.0
48.0				12.2	51.4	7 100 *	21.8	57.9	7 300	32.0	63.8	6 400	39.7	67.4	5 500	46.1	69.5	4 600				48.0
50.0							12.8	51.4	6 900	26.5	60.3	6 000	35.3	64.8	5 200	42.2	67.4	4 300				50.0
52.0										19.7	55.6	5 600	30.3	61.7	4 800	38.1	65.1	4 000	44.4	67.0	3 200	52.0
54.0													24.5	57.8	4 500	33.5	62.3	3 700	40.4	64.8	3 000	54.0
56.0													16.9	52.5	4 200	28.2	58.9	3 400	36.1	62.2	2 700	56.0
58.0																21.9	54.7	3 200	31.2	59.2	2 500	58.0
60.0																12.9	48.3	3 000	25.6	55.5	2 300	60.0
62.0																			18.4	50.6	2 100	62.0
64.0																			5.4	41.1	1 900	64.0



Liftcrane Luffing Jib Capacities

European Standards
10 m/s Maximum Wind

777 SERIES 2

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

Capacities indicated by (b) require 1 280 kg minimum
block weight. Capacities based on structural
competence are denoted by an asterisk (*).

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

European Standards
10 m/s Maximum Wind

777 SERIES 2

Capacities indicated by (b) require 1 280 kg minimum
block weight. Capacities based on structural
competence are denoted by an asterisk (*).

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

Liftcrane Luffing Jib Capacities

European Standards
10 m/s Maximum Wind

777 SERIES 2

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

Capacities indicated by (b) require 1 280 kg minimum
block weight. Capacities based on structural
competence are denoted by an asterisk (*).

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			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	74.4	92.5	9 700 *																16.8
18.0	72.9	92.2	9 600 *																18.0
20.0	70.6	91.5	9 400 *																20.0
22.0	68.2	90.8	9 200 *																22.0
24.0	65.8	89.9	9 000 *																24.0
26.0	63.4	89.0	8 700 *	67.6	90.3	8 900 *													26.0
28.0	60.9	87.9	8 500 *	65.2	89.4	8 700 *													28.0
30.0	58.3	86.7	8 100 *	62.8	88.4	8 600 *	65.3	89.1	8 400 *										30.0
32.0	55.7	85.4	7 700 *	60.3	87.3	8 300 *	62.9	88.1	8 300 *										32.0
34.0	53.0	84.0	7 300 *	57.7	86.1	7 900 *	60.4	87.0	8 200 *										34.0
36.0	50.1	82.4	6 900 *	55.0	84.8	7 500 *	57.8	85.8	7 900 *										36.0
38.0	47.2	80.6	6 600 *	52.3	83.3	7 200 *	55.1	84.5	7 500 *	59.6	85.9	7 600 *							38.0
40.0	44.1	78.7	6 300 *	49.4	81.7	6 800 *	52.4	83.1	7 200 *	57.0	84.7	7 600 *							40.0
42.0	40.8	76.5	6 100 *	46.4	79.9	6 500 *	49.5	81.4	6 800 *	54.4	83.3	7 300							42.0
44.0	37.3	74.0	5 800 *	43.3	77.9	6 200 *	46.6	79.6	6 500 *	51.6	81.8	6 800							44.0
46.0	33.5	71.2	5 500 *	40.0	75.6	6 000 *	43.4	77.6	6 300 *	48.7	80.2	6 400	53.5	81.8	5 400				46.0
48.0	29.2	67.9	5 100 *	36.4	73.1	5 800 *	40.1	75.4	6 000 *	45.7	78.3	6 000	50.7	80.2	5 100				48.0
50.0	24.3	64.0	4 600 *	32.5	70.2	5 500 *	36.6	72.9	5 800 *	42.5	76.2	5 600	47.8	78.5	4 700				50.0
52.0	18.2	58.8	4 100 *	28.1	66.7	5 000 *	32.7	70.0	5 500 *	39.1	73.9	5 300	44.7	76.6	4 400	49.6	78.2	3 600	52.0
54.0				23.0	62.6	4 500 *	28.3	66.6	5 100 *	35.5	71.3	5 000	41.5	74.4	4 100	46.6	76.4	3 300	54.0
56.0				16.4	57.0	4 100 *	23.2	62.4	4 600 *	31.5	68.3	4 700	38.0	72.0	3 800	43.5	74.4	3 100	56.0
58.0							16.7	56.9	4 100 *	27.0	64.7	4 400	34.2	69.3	3 600	40.2	72.2	2 800	58.0
60.0										21.6	60.3	4 100	30.1	66.1	3 400	36.6	69.7	2 700	60.0
62.0										14.4	54.1	3 900	25.3	62.3	3 200	32.7	66.8	2 400	62.0
64.0													19.5	57.4	2 900	28.4	63.4	2 300	64.0
66.0													11.2	50.2	2 800	23.3	59.2	2 100	66.0
68.0																16.8	53.8	1 900	68.0
70.0																5.3	43.5	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

European Standards
10 m/s Maximum Wind

777 SERIES 2

Capacities indicated by (b) require 1 280 kg minimum
block weight. Capacities based on structural
competence are denoted by an asterisk (*).

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	30 400 b																16.0
18.0	44.9	60.7	28 600 *	57.9	63.4	27 000																18.0
20.0	36.7	58.4	24 600 *	51.3	62.0	24 400	58.7	63.2	23 000 b													20.0
22.0	26.4	55.2	21 300 *	44.1	60.2	22 200	52.2	61.9	20 800													22.0
24.0				35.7	57.8	20 300	45.0	60.1	19 000	57.7	62.2	17 200										24.0
26.0				25.0	54.4	18 800	36.8	57.8	17 500	51.1	60.8	15 700										26.0
28.0							26.5	54.5	16 300	43.8	58.9	14 500										28.0
30.0										35.4	56.5	13 500	49.7	59.3	11 900							30.0
32.0										24.6	53.0	12 600	42.2	57.3	11 100							32.0
34.0													33.5	54.8	10 300	47.9	57.3	9 000				34.0
36.0													21.9	51.0	9 500	40.2	55.3	8 300				36.0
38.0																30.9	52.5	7 700				38.0
40.0																			37.4	52.7	6 100	40.0
42.0																			27.3	49.5	5 700	42.0
44.0																			10.8	43.7	5 300	44.0

Liftcrane Luffing Jib Capacities

European Standards
10 m/s Maximum Wind

777 SERIES 2

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

Capacities indicated by (b) require 1 280 kg minimum
block weight. Capacities based on structural
competence are denoted by an asterisk (*).

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	29 900 b																16.0
18.0	51.7	64.8	28 600 *	62.3	66.9	26 600																18.0
20.0	45.4	63.1	24 800 *	56.8	65.8	23 900	63.0	66.7	22 600													20.0
22.0	38.4	60.8	21 700 *	51.0	64.3	21 800	57.5	65.6	20 500													22.0
24.0	30.0	57.9	19 200 *	44.7	62.5	19 900	51.8	64.2	18 700													24.0
26.0				37.5	60.2	18 300	45.5	62.4	17 200	56.7	64.5	15 400										26.0
28.0				29.0	57.2	17 000	38.5	60.2	15 900	50.8	63.1	14 200										28.0
30.0				16.9	52.4	15 800 *	30.1	57.2	14 800	44.5	61.2	13 200										30.0
32.0							18.8	52.8	13 900	37.3	58.9	12 200	49.6	61.6	10 800							32.0
34.0										28.7	55.9	11 400	43.1	59.7	10 100							34.0
36.0										16.4	51.0	10 600	35.7	57.2	9 400	48.0	59.7	8 200				36.0
38.0													26.6	53.9	8 700	41.3	57.6	7 600				38.0
40.0																33.6	55.0	7 000	45.9	57.3	6 000	40.0
42.0																23.8	51.4	6 500	39.0	55.1	5 500	42.0
44.0																			30.7	52.2	5 100	44.0
46.0																			19.7	48.0	4 800	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

European Standards
 10 m/s Maximum Wind

777 SERIES 2

Capacities indicated by (b) require 1 280 kg minimum
 block weight. Capacities based on structural
 competence are denoted by an asterisk (*).

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	26 100																18.0
20.0	51.4	67.1	24 900 *	60.9	69.3	23 500	66.2	70.1	22 100													20.0
22.0	45.9	65.4	21 800 *	56.0	68.1	21 300	61.5	69.1	20 000													22.0
24.0	39.7	63.2	19 300 *	50.8	66.6	19 500	56.6	67.9	18 300													24.0
26.0	32.6	60.5	17 200 *	45.2	64.8	17 900	51.5	66.5	16 800	60.8	68.1	15 000										26.0
28.0	23.8	56.7	15 300 *	38.9	62.6	16 600	45.9	64.7	15 500	55.9	66.9	13 900										28.0
30.0				31.7	59.8	15 500	39.8	62.5	14 400	50.6	65.4	12 800										30.0
32.0				22.6	55.9	14 400	32.7	59.8	13 500	45.0	63.6	11 900	54.8	65.4	10 500							32.0
34.0							23.9	56.1	12 600	38.7	61.3	11 100	49.6	63.9	9 800							34.0
36.0										31.5	58.5	10 400	43.8	62.0	9 100							36.0
38.0										22.2	54.5	9 700	37.4	59.7	8 500	48.1	62.0	7 300				38.0
40.0													29.8	56.6	7 900	42.2	60.0	6 800				40.0
42.0													19.9	52.3	7 300	35.6	57.5	6 300				42.0
44.0																27.6	54.2	5 900	40.2	57.4	4 900	44.0
46.0																			33.2	54.8	4 600	46.0
48.0																			24.5	51.1	4 200	48.0
50.0																			10.7	44.8	3 900	50.0



Liftcrane Luffing Jib Capacities

European Standards
10 m/s Maximum Wind

777 SERIES 2

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

Capacities indicated by (b) require 1 280 kg minimum
block weight. Capacities based on structural
competence are denoted by an asterisk (*).

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	27 400 *	68.2	73.7	25 500																18.0
20.0	55.9	70.9	24 900 *	64.1	72.8	22 900																20.0
22.0	51.2	69.4	21 800 *	59.8	71.7	20 800	64.6	72.5	19 600													22.0
24.0	46.2	67.7	19 300 *	55.3	70.4	19 000	60.3	71.5	17 800													24.0
26.0	40.7	65.6	17 200 *	50.6	68.9	17 500	55.9	70.2	16 400													26.0
28.0	34.5	63.0	15 400 *	45.6	67.1	16 100	51.2	68.8	15 100	59.7	70.5	13 400										28.0
30.0	27.2	59.6	13 900 *	40.0	65.0	15 000	46.2	67.0	14 000	55.2	69.2	12 400										30.0
32.0	17.3	54.7	12 300 *	33.8	62.3	14 000	40.8	64.9	13 000	50.5	67.7	11 500										32.0
34.0				26.3	58.8	13 100	34.6	62.3	12 100	45.4	65.9	10 700	54.3	67.7	9 400							34.0
36.0				15.8	53.6	12 100 *	27.3	59.0	11 400	39.9	63.7	10 000	49.5	66.2	8 700							36.0
38.0							17.4	54.1	10 700	33.6	61.0	9 400	44.4	64.3	8 100							38.0
40.0										26.0	57.5	8 800	38.7	62.0	7 600	48.2	64.3	6 400				40.0
42.0										15.3	52.2	8 200	32.2	59.2	7 100	43.0	62.3	6 000				42.0
44.0													24.2	55.5	6 600	37.1	59.9	5 600				44.0
46.0																30.3	56.9	5 200	41.1	59.8	4 300	46.0
48.0																21.8	52.8	4 800	35.0	57.2	4 000	48.0
50.0																			27.8	54.0	3 700	50.0
52.0																			18.2	49.3	3 400	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

European Standards
10 m/s Maximum Wind

777 SERIES 2

Capacities indicated by (b) require 1 280 kg minimum block weight. Capacities based on structural competence are denoted by an asterisk (*).

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	28 500 *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	22 500																20.0
22.0	55.3	73.2	21 900 *	62.8	75.2	20 500																22.0
24.0	51.0	71.7	19 300 *	58.9	74.1	18 700	63.3	74.9	17 600													24.0
26.0	46.4	70.0	17 300 *	54.8	72.7	17 200	59.4	73.9	16 100													26.0
28.0	41.5	67.9	15 500 *	50.5	71.2	15 900	55.3	72.6	14 900													28.0
30.0	36.1	65.4	14 000 *	45.9	69.4	14 800	51.0	71.1	13 800	58.7	72.8	12 200										30.0
32.0	29.8	62.3	12 700 *	40.9	67.3	13 700	46.5	69.3	12 800	54.7	71.5	11 300										32.0
34.0	21.9	58.2	11 500 *	35.4	64.8	12 900	41.6	67.2	12 000	50.3	70.0	10 500										34.0
36.0				29.0	61.6	12 100	36.1	64.8	11 200	45.7	68.2	9 800	53.8	70.1	8 500							36.0
38.0				20.8	57.3	11 300	29.8	61.7	10 500	40.8	66.0	9 200	49.5	68.5	8 000							38.0
40.0							22.0	57.6	9 900	35.2	63.5	8 600	44.8	66.6	7 400							40.0
42.0										28.7	60.3	8 100	39.7	64.4	7 000	48.3	66.6	5 900				42.0
44.0										20.5	55.9	7 600	34.0	61.7	6 500	43.5	64.6	5 500				44.0
46.0													27.3	58.4	6 100	38.3	62.3	5 100	46.8	64.2	4 200	46.0
48.0													18.5	53.6	5 700	32.4	59.5	4 800	41.9	62.1	3 900	48.0
50.0																25.3	55.9	4 400	36.5	59.7	3 600	50.0
52.0																			30.3	56.6	3 300	52.0
54.0																			22.6	52.6	3 100	54.0
56.0																			10.6	45.9	2 900	56.0

Liftcrane Luffing Jib Capacities

European Standards
10 m/s Maximum Wind

777 SERIES 2

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

Capacities indicated by (b) require 1 280 kg minimum
block weight. Capacities based on structural
competence are denoted by an asterisk (*).

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	21 700																20.0
22.0	58.5	76.9	19 800 *	65.2	78.6	20 300																22.0
24.0	54.8	75.6	18 800 *	61.7	77.6	18 500	65.6	78.3	17 300													24.0
26.0	50.8	74.0	17 300 *	58.1	76.4	17 000	62.1	77.3	15 900													26.0
28.0	46.7	72.3	15 600 *	54.3	75.1	15 700	58.5	76.2	14 700													28.0
30.0	42.2	70.2	14 000 *	50.4	73.5	14 600	54.8	74.9	13 600													30.0
32.0	37.3	67.8	12 800 *	46.2	71.7	13 600	50.9	73.4	12 600	58.0	75.2	11 100										32.0
34.0	31.7	64.9	11 600 *	41.6	69.7	12 700	46.7	71.6	11 800	54.2	73.8	10 300										34.0
36.0	25.2	61.2	10 600 *	36.7	67.2	11 900	42.2	69.6	11 000	50.2	72.3	9 700										36.0
38.0	16.3	55.9	9 500 *	31.1	64.2	11 100	37.3	67.2	10 300	46.0	70.5	9 000	53.4	72.4	7 800							38.0
40.0				24.3	60.4	10 400 *	31.8	64.3	9 700	41.5	68.4	8 500	49.4	70.8	7 200							40.0
42.0				15.0	54.8	9 500 *	25.2	60.6	9 200	36.5	65.9	8 000	45.2	68.9	6 800							42.0
44.0							16.4	55.3	8 600	30.9	62.9	7 500	40.5	66.8	6 400	48.4	68.9	5 300				44.0
46.0										24.1	59.1	7 000	35.5	64.2	6 000	44.0	66.9	5 000				46.0
48.0										14.6	53.4	6 600	29.6	61.1	5 600	39.3	64.7	4 600				48.0
50.0													22.5	57.0	5 300	34.0	62.0	4 300	42.5	64.5	3 500	50.0
52.0																28.0	58.7	4 100	37.6	62.1	3 200	52.0
54.0																20.3	54.2	3 800	32.2	59.2	3 000	54.0
56.0																			25.7	55.6	2 700	56.0
58.0																			17.1	50.5	2 500	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

European Standards
 10 m/s Maximum Wind

777 SERIES 2

Capacities indicated by (b) require 1 280 kg minimum
 block weight. Capacities based on structural
 competence are denoted by an asterisk (*).

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

Liftcrane Luffing Jib Capacities

European Standards
10 m/s Maximum Wind

777 SERIES 2

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

Capacities indicated by (b) require 1 280 kg minimum
block weight. Capacities based on structural
competence are denoted by an asterisk (*).

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	17 400 *																			13.7
14.0	74.9	86.9	17 400 *																			14.0
16.0	72.1	86.3	17 100 *																			16.0
18.0	69.3	85.6	16 800 *																			18.0
20.0	66.4	84.8	16 600 *																			20.0
22.0	63.4	83.8	16 400 *	68.9	85.2	16 100 *																22.0
24.0	60.4	82.8	15 900 *	66.0	84.3	16 000 *																24.0
26.0	57.2	81.6	15 000 *	63.1	83.4	15 900	66.4	84.1	15 100													26.0
28.0	54.0	80.2	14 200 *	60.0	82.3	15 000	63.4	83.2	13 900													28.0
30.0	50.6	78.6	13 500 *	56.9	81.1	13 900	60.4	82.1	12 900													30.0
32.0	47.0	76.9	12 600 *	53.6	79.7	12 900	57.2	80.9	11 900	63.0	82.2	10 500										32.0
34.0	43.2	74.9	11 500 *	50.2	78.1	12 000	54.0	79.5	11 100	59.9	81.1	9 700										34.0
36.0	39.1	72.6	10 500 *	46.6	76.3	11 200	50.6	78.0	10 400	56.7	79.8	9 000										36.0
38.0	34.6	69.9	9 700 *	42.8	74.3	10 500	47.0	76.2	9 700	53.5	78.4	8 400										38.0
40.0	29.6	66.8	8 800 *	38.6	72.0	9 900	43.2	74.2	9 100	50.1	76.9	7 800	56.1	78.4	6 700							40.0
42.0	23.6	62.8	8 100 *	34.1	69.3	9 300	39.2	72.0	8 500	46.5	75.1	7 300	52.8	77.0	6 200							42.0
44.0	15.6	57.1	7 300 *	29.0	66.0	8 800	34.7	69.3	8 000	42.6	73.1	6 900	49.4	75.4	5 800							44.0
46.0				22.8	61.9	8 100 *	29.6	66.1	7 600	38.5	70.7	6 500	45.7	73.5	5 400	51.9	75.1	4 400				46.0
48.0				14.4	56.0	7 300 *	23.6	62.1	7 200	33.9	68.0	6 100	41.8	71.5	5 000	48.4	73.5	4 100				48.0
50.0							15.7	56.5	6 800	28.8	64.7	5 700	37.6	69.0	4 700	44.7	71.6	3 800				50.0
52.0										22.6	60.6	5 400	33.0	66.2	4 400	40.8	69.4	3 500	47.3	71.1	2 600	52.0
54.0										14.0	54.5	5 100	27.7	62.8	4 200	36.5	66.9	3 300	43.5	69.1	2 400	54.0
56.0													21.2	58.4	3 900	31.7	63.9	3 000	39.4	66.9	2 200	56.0
58.0																26.1	60.3	2 800	35.0	64.2	2 000	58.0
60.0																19.2	55.5	2 700	30.0	61.1	1 900	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

European Standards
10 m/s Maximum Wind

777 SERIES 2

Capacities indicated by (b) require 1 280 kg minimum
block weight. Capacities based on structural
competence are denoted by an asterisk (*).

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

Liftcrane Luffing Jib Capacities

European Standards
10 m/s Maximum Wind

777 SERIES 2

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

Capacities indicated by (b) require 1 280 kg minimum
block weight. Capacities based on structural
competence are denoted by an asterisk (*).

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

European Standards
 10 m/s Maximum Wind

777 SERIES 2

Capacities indicated by (b) require 1 280 kg minimum
 block weight. Capacities based on structural
 competence are denoted by an asterisk (*).

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

Liftcrane Luffing Jib Capacities

European Standards
10 m/s Maximum Wind

777 SERIES 2

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

Capacities indicated by (b) require 1 280 kg minimum
block weight. Capacities based on structural
competence are denoted by an asterisk (*).

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	29 700 b																16.0
18.0	45.3	63.9	28 500 *	59.1	66.7	26 500 b																18.0
20.0	37.2	61.6	25 000 *	52.6	65.3	23 900	60.3	66.5	22 400 b													20.0
22.0	27.1	58.4	21 600 *	45.5	63.6	21 700	53.9	65.3	20 300													22.0
24.0				37.3	61.3	19 900	47.0	63.6	18 600													24.0
26.0				27.3	58.2	18 400	39.1	61.5	17 100	53.8	64.3	15 200										26.0
28.0							29.6	58.5	15 900	46.8	62.7	14 000										28.0
30.0							15.5	53.7	14 800	38.9	60.5	13 000	53.3	63.0	11 400							30.0
32.0										29.3	57.5	12 100	46.3	61.3	10 600							32.0
34.0													38.3	59.1	9 900							34.0
36.0													28.5	56.0	9 200	45.3	59.4	7 900				36.0
38.0													13.4	50.8	8 600	37.1	57.2	7 400				38.0
40.0																27.0	54.0	6 800	43.7	57.1	5 700	40.0
42.0																			35.2	54.7	5 300	42.0
44.0																			24.4	51.2	4 900	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

European Standards
10 m/s Maximum Wind

777 SERIES 2

Capacities indicated by (b) require 1 280 kg minimum
block weight. Capacities based on structural
competence are denoted by an asterisk (*).

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	29 000 b																16.0
18.0	52.0	68.0	28 200 *	63.3	70.2	25 800																18.0
20.0	45.8	66.2	24 900 *	57.9	69.0	23 300	64.3	70.0	21 800 b													20.0
22.0	38.8	64.0	21 900 *	52.1	67.6	21 200	59.0	68.9	19 800													22.0
24.0	30.5	61.1	19 300 *	45.9	65.9	19 400	53.3	67.6	18 100													24.0
26.0				39.0	63.7	17 800	47.2	65.9	16 600	58.9	68.0	14 700										26.0
28.0				30.7	60.8	16 600	40.4	63.8	15 400	53.2	66.6	13 600										28.0
30.0				19.7	56.6	15 400	32.5	61.1	14 300	47.1	65.0	12 600										30.0
32.0							22.3	57.3	13 400	40.3	62.9	11 700	52.8	65.3	10 200							32.0
34.0										32.3	60.1	10 900	46.6	63.6	9 400							34.0
36.0										22.0	56.2	10 200	39.7	61.4	8 800							36.0
38.0													31.7	58.7	8 200	45.7	61.7	7 000				38.0
40.0													21.1	54.6	7 700	38.7	59.5	6 500				40.0
42.0																30.5	56.6	6 100	44.4	59.4	5 000	42.0
44.0																19.3	52.3	5 600	37.2	57.1	4 600	44.0
46.0																			28.5	54.0	4 300	46.0
48.0																			16.0	49.1	4 000	48.0

Liftcrane Luffing Jib Capacities

European Standards
10 m/s Maximum Wind

777 SERIES 2

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

Capacities indicated by (b) require 1 280 kg minimum
block weight. Capacities based on structural
competence are denoted by an asterisk (*).

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	25 400																18.0
20.0	51.7	70.3	24 800 *	61.8	72.6	22 800	67.4	73.3	21 400 b													20.0
22.0	46.2	68.5	22 000 *	56.9	71.4	20 800	62.8	72.4	19 400													22.0
24.0	40.0	66.4	19 400 *	51.8	69.9	19 000	57.9	71.3	17 700													24.0
26.0	33.0	63.7	17 300 *	46.3	68.2	17 400	52.9	69.9	16 300	62.6	71.5	14 400										26.0
28.0	24.3	60.0	15 400 *	40.2	66.1	16 200	47.4	68.2	15 000	57.8	70.3	13 200										28.0
30.0				33.2	63.4	15 000	41.5	66.2	13 900	52.7	68.9	12 200										30.0
32.0				24.5	59.8	14 100	34.7	63.6	13 000	47.3	67.3	11 300	57.5	69.0	9 800							32.0
34.0							26.5	60.2	12 200	41.3	65.2	10 600	52.4	67.6	9 100							34.0
36.0							14.5	54.9	11 500	34.5	62.6	9 900	46.9	65.9	8 500							36.0
38.0										26.2	59.2	9 300	40.8	63.8	7 900							38.0
40.0													34.0	61.2	7 400	46.1	64.1	6 200				40.0
42.0													25.5	57.7	7 000	40.0	61.9	5 800				42.0
44.0													12.8	51.9	6 500	33.0	59.2	5 400				44.0
46.0																24.2	55.5	5 000	38.6	59.5	4 100	46.0
48.0																			31.3	56.6	3 700	48.0
50.0																			22.0	52.7	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

European Standards
10 m/s Maximum Wind

777 SERIES 2

Capacities indicated by (b) require 1 280 kg minimum
block weight. Capacities based on structural
competence are denoted by an asterisk (*).

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	22 300																20.0
22.0	51.4	72.6	21 800 *	60.6	74.9	20 200	65.7	75.8	18 900													22.0
24.0	46.4	70.8	19 400 *	56.2	73.7	18 500	61.5	74.8	17 200													24.0
26.0	41.0	68.7	17 300 *	51.5	72.2	17 000	57.1	73.6	15 800													26.0
28.0	34.9	66.2	15 500 *	46.5	70.5	15 700	52.5	72.2	14 600	61.4	73.9	12 800										28.0
30.0	27.6	62.9	14 000 *	41.1	68.4	14 600	47.6	70.5	13 500	57.0	72.7	11 800										30.0
32.0	17.9	58.1	12 400 *	35.0	65.9	13 600	42.3	68.5	12 600	52.4	71.2	10 900										32.0
34.0				27.8	62.6	12 700	36.3	66.1	11 700	47.5	69.6	10 200	56.7	71.3	8 700							34.0
36.0				18.2	57.9	11 900 *	29.4	63.0	11 000	42.1	67.5	9 500	52.0	69.9	8 100							36.0
38.0							20.4	58.7	10 400	36.2	65.1	8 900	47.1	68.2	7 600							38.0
40.0										29.2	62.0	8 300	41.7	66.1	7 000	51.4	68.1	5 800				40.0
42.0										20.2	57.6	7 900	35.7	63.6	6 600	46.4	66.4	5 400				42.0
44.0													28.6	60.5	6 200	41.0	64.3	5 100				44.0
46.0													19.4	56.0	5 800	34.8	61.7	4 700	45.3	64.1	3 700	46.0
48.0																27.6	58.4	4 400	39.7	61.9	3 400	48.0
50.0																17.8	53.6	4 100	33.4	59.2	3 200	50.0
52.0																			25.8	55.7	2 900	52.0
54.0																			15.0	50.3	2 700	54.0

Liftcrane Luffing Jib Capacities

European Standards
10 m/s Maximum Wind

777 SERIES 2

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

Capacities indicated by (b) require 1 280 kg minimum
block weight. Capacities based on structural
competence are denoted by an asterisk (*).

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	26 900 *b																			12.2
14.0	70.8	80.4	26 600 *																			14.0
16.0	67.2	79.6	26 200 *																			16.0
18.0	63.4	78.7	25 100 *																			18.0
20.0	59.5	77.6	23 600 *	67.3	79.3	21 900																20.0
22.0	55.5	76.4	21 900 *	63.5	78.4	19 900																22.0
24.0	51.2	74.9	19 500 *	59.6	77.3	18 200	64.3	78.2	17 000													24.0
26.0	46.7	73.1	17 400 *	55.6	76.0	16 700	60.4	77.2	15 500													26.0
28.0	41.8	71.1	15 600 *	51.3	74.5	15 400	56.4	75.9	14 300													28.0
30.0	36.4	68.6	14 100 *	46.8	72.8	14 400	52.2	74.5	13 300	60.3	76.2	11 600										30.0
32.0	30.1	65.6	12 800 *	41.9	70.8	13 300	47.7	72.8	12 300	56.3	75.0	10 700										32.0
34.0	22.4	61.5	11 600 *	36.5	68.3	12 500	42.9	70.8	11 500	52.1	73.5	10 000										34.0
36.0				30.2	65.3	11 700	37.6	68.5	10 800	47.6	71.9	9 300	56.0	73.7	7 900							36.0
38.0				22.6	61.2	11 000	31.6	65.6	10 100	42.8	69.9	8 700	51.8	72.2	7 400							38.0
40.0							24.3	61.8	9 600	37.5	67.5	8 200	47.3	70.5	6 900							40.0
42.0							13.8	56.0	9 000	31.4	64.6	7 700	42.4	68.5	6 400	51.2	70.4	5 300				42.0
44.0										24.1	60.8	7 200	37.1	66.1	6 000	46.6	68.7	4 900				44.0
46.0													31.0	63.1	5 700	41.7	66.6	4 600				46.0
48.0													23.5	59.2	5 300	36.3	64.1	4 300	45.7	66.4	3 300	48.0
50.0													12.4	53.0	5 000	30.1	61.1	4 000	40.7	64.2	3 100	50.0
52.0																22.3	57.0	3 700	35.1	61.7	2 800	52.0
54.0																			28.6	58.4	2 600	54.0
56.0																			20.3	54.0	2 400	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

European Standards
10 m/s Maximum Wind

777 SERIES 2

Capacities indicated by (b) require 1 280 kg minimum block weight. Capacities based on structural competence are denoted by an asterisk (*).

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	22 000 *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	20 700																20.0
22.0	58.7	80.0	19 800 *	65.9	81.8	19 800																22.0
24.0	55.0	78.7	18 800 *	62.4	80.8	18 000																24.0
26.0	51.0	77.2	17 500 *	58.8	79.7	16 500	63.1	80.6	15 400													26.0
28.0	46.9	75.4	15 700 *	55.0	78.4	15 300	59.5	79.5	14 100													28.0
30.0	42.4	73.4	14 200 *	51.1	76.9	14 100	55.8	78.3	13 100													30.0
32.0	37.5	71.0	12 800 *	47.0	75.1	13 200	51.9	76.8	12 200	59.4	78.6	10 600										32.0
34.0	32.1	68.1	11 700 *	42.5	73.1	12 300	47.8	75.1	11 300	55.7	77.3	9 800										34.0
36.0	25.5	64.5	10 700 *	37.6	70.7	11 500	43.4	73.2	10 600	51.8	75.9	9 200										36.0
38.0	16.9	59.3	9 600 *	32.2	67.9	10 800	38.7	70.9	10 000	47.7	74.2	8 600										38.0
40.0				25.7	64.2	10 200 *	33.3	68.1	9 400	43.3	72.2	8 000	51.5	74.5	6 800							40.0
42.0				17.1	59.1	9 500 *	27.1	64.7	8 800	38.5	69.9	7 500	47.4	72.8	6 300							42.0
44.0							19.1	60.0	8 400	33.2	67.1	7 100	43.0	70.8	5 900							44.0
46.0										26.9	63.7	6 700	38.2	68.5	5 500	46.8	71.0	4 400				46.0
48.0										18.9	58.9	6 300	32.8	65.7	5 200	42.4	68.9	4 100				48.0
50.0													26.4	62.1	4 800	37.5	66.5	3 800				50.0
52.0													18.2	57.3	4 600	32.0	63.7	3 600	41.4	66.6	2 700	52.0
54.0																25.5	60.0	3 400	36.4	64.1	2 500	54.0
56.0																16.8	54.8	3 200	30.7	61.1	2 300	56.0
58.0																			23.9	57.2	2 100	58.0
60.0																			14.3	51.4	1 900	60.0

Liftcrane Luffing Jib Capacities

European Standards
10 m/s Maximum Wind

777 SERIES 2

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

Capacities indicated by (b) require 1 280 kg minimum
block weight. Capacities based on structural
competence are denoted by an asterisk (*).

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

European Standards
10 m/s Maximum Wind

777 SERIES 2

Capacities indicated by (b) require 1 280 kg minimum block weight. Capacities based on structural competence are denoted by an asterisk (*).

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

Liftcrane Luffing Jib Capacities

European Standards
10 m/s Maximum Wind

777 SERIES 2

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

Capacities indicated by (b) require 1 280 kg minimum
block weight. Capacities based on structural
competence are denoted by an asterisk (*).

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

European Standards
10 m/s Maximum Wind

777 SERIES 2

Capacities indicated by (b) require 1 280 kg minimum block weight. Capacities based on structural competence are denoted by an asterisk (*).

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

Liftcrane Luffing Jib Capacities

European Standards
10 m/s Maximum Wind

777 SERIES 2

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

Capacities indicated by (b) require 1 280 kg minimum
block weight. Capacities based on structural
competence are denoted by an asterisk (*).

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	9 200 *																16.8
18.0	73.2	98.3	9 100 *																18.0
20.0	70.8	97.7	8 900 *																20.0
22.0	68.5	96.9	8 700 *																22.0
24.0	66.1	96.1	8 500 *																24.0
26.0	63.6	95.2	8 300 *	68.5	96.6	8 400 *													26.0
28.0	61.2	94.1	8 200 *	66.1	95.8	8 300 *													28.0
30.0	58.6	93.0	7 900 *	63.7	94.8	8 200 *													30.0
32.0	56.0	91.7	7 600 *	61.2	93.8	8 100 *	64.2	94.7	7 900 *										32.0
34.0	53.3	90.2	7 200 *	58.6	92.6	7 900 *	61.7	93.6	7 800 *										34.0
36.0	50.4	88.7	6 900 *	56.0	91.3	7 600 *	59.2	92.5	7 700 *										36.0
38.0	47.5	86.9	6 500 *	53.3	89.9	7 200 *	56.6	91.2	7 600 *										38.0
40.0	44.4	85.0	6 300 *	50.5	88.4	6 900 *	53.9	89.9	7 300 *	59.1	91.6	7 000							40.0
42.0	41.2	82.8	5 900 *	47.6	86.6	6 600 *	51.1	88.3	6 900 *	56.5	90.3	6 500							42.0
44.0	37.7	80.4	5 500 *	44.5	84.7	6 300 *	48.2	86.6	6 600 *	53.8	88.9	6 000							44.0
46.0	33.9	77.6	5 100 *	41.2	82.5	6 000 *	45.1	84.7	6 300 *	51.0	87.4	5 600	56.3	89.0	4 500				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	5 300	53.6	87.6	4 200				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	4 900	50.8	86.0	3 900				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	4 600	47.9	84.3	3 600				52.0
54.0	10.2	57.9	3 400 *	25.0	70.3	4 300 *	30.7	74.5	4 800 *	38.4	79.3	4 300	44.8	82.4	3 300	50.4	84.2	2 400	54.0
56.0				19.1	65.3	3 800 *	26.0	70.7	4 400 *	34.7	76.6	4 000	41.6	80.3	3 100	47.5	82.5	2 200	56.0
58.0							20.4	66.1	3 900 *	30.6	73.5	3 800	38.1	77.9	2 800	44.4	80.5	2 000	58.0
60.0							12.6	59.3	3 500 *	25.9	69.7	3 600	34.4	75.1	2 700				60.0
62.0										20.3	65.0	3 400	30.3	72.0	2 400				62.0
64.0										12.4	58.2	3 200	25.5	68.2	2 300				64.0
66.0													19.8	63.4	2 100				66.0
68.0													11.6	56.3	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

European Standards
10 m/s Maximum Wind

777 SERIES 2

Capacities indicated by (b) require 1 280 kg minimum
block weight. Capacities based on structural
competence are denoted by an asterisk (*).

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	28 900 b																16.0
18.0	45.7	67.1	28 000 *	60.2	69.9	25 700 b																18.0
20.0	37.6	64.8	24 800 *	53.8	68.6	23 200	62.0	69.8	21 700 b													20.0
22.0	27.7	61.7	21 900 *	46.9	67.0	21 100	55.7	68.6	19 700													22.0
24.0	11.7	56.1	16 500 *	39.0	64.8	19 400	48.9	67.1	18 000													24.0
26.0				29.4	61.9	17 900	41.3	65.1	16 500	56.4	67.8	14 500										26.0
28.0							32.3	62.4	15 300	49.6	66.3	13 400										28.0
30.0							20.1	58.4	14 300	42.1	64.4	12 400										30.0
32.0										33.4	61.8	11 600	50.0	65.1	9 900							32.0
34.0										21.7	57.9	10 800	42.6	63.2	9 200							34.0
36.0													33.9	60.6	8 600							36.0
38.0													22.5	56.9	8 000	42.5	61.5	6 700				38.0
40.0																33.8	58.9	6 300				40.0
42.0																22.4	55.2	5 900	41.8	59.2	4 700	42.0
44.0																			32.9	56.6	4 400	44.0
46.0																			21.1	52.7	4 100	46.0

Liftcrane Luffing Jib Capacities

European Standards
10 m/s Maximum Wind

777 SERIES 2

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

Capacities indicated by (b) require 1 280 kg minimum
block weight. Capacities based on structural
competence are denoted by an asterisk (*).

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	29 700 *																			16.0
18.0	52.4	71.1	27 600 *	64.3	73.4	25 100																18.0
20.0	46.1	69.4	24 500 *	58.9	72.3	22 600	65.7	73.2	21 100 b													20.0
22.0	39.2	67.2	21 900 *	53.2	70.9	20 600	60.4	72.2	19 100													22.0
24.0	31.0	64.3	19 500 *	47.1	69.3	18 900	54.9	71.0	17 500													24.0
26.0	20.1	60.2	17 000 *	40.3	67.2	17 400	48.9	69.4	16 100	61.0	71.4	14 100										26.0
28.0				32.4	64.5	16 100	42.3	67.4	14 900	55.5	70.1	12 900										28.0
30.0				22.1	60.6	15 000	34.8	64.9	13 800	49.6	68.6	12 000										30.0
32.0							25.4	61.5	12 900	43.0	66.7	11 100	55.8	68.9	9 500							32.0
34.0										35.6	64.3	10 400	49.9	67.4	8 800							34.0
36.0										26.5	60.9	9 700	43.4	65.5	8 200							36.0
38.0										12.3	55.3	9 100	36.1	63.1	7 600							38.0
40.0													27.1	59.8	7 200	43.4	63.8	5 900				40.0
42.0													13.5	54.4	6 800	36.0	61.4	5 500				42.0
44.0																27.0	58.1	5 100	42.7	61.6	4 000	44.0
46.0																			35.3	59.1	3 700	46.0
48.0																			26.0	55.7	3 500	48.0
50.0																			11.3	49.8	3 200	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

European Standards
10 m/s Maximum Wind

777 SERIES 2

Capacities indicated by (b) require 1 280 kg minimum block weight. Capacities based on structural competence are denoted by an asterisk (*).

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	31 900 *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	27 100 *	67.3	76.7	24 600																18.0
20.0	52.0	73.4	24 400 *	62.7	75.8	22 200																20.0
22.0	46.5	71.7	21 700 *	57.9	74.6	20 200	64.0	75.7	18 700													22.0
24.0	40.4	69.5	19 500 *	52.8	73.3	18 400	59.2	74.6	17 100													24.0
26.0	33.4	66.9	17 400 *	47.3	71.6	17 000	54.2	73.3	15 700													26.0
28.0	24.8	63.3	15 600 *	41.4	69.5	15 700	48.9	71.7	14 500	59.7	73.7	12 600										28.0
30.0	11.4	57.2	12 600 *	34.6	67.0	14 600	43.1	69.8	13 400	54.8	72.5	11 600										30.0
32.0				26.3	63.6	13 700	36.6	67.4	12 500	49.5	70.9	10 800										32.0
34.0							28.8	64.2	11 700	43.7	69.0	10 000	55.1	71.2	8 500							34.0
36.0							18.4	59.7	11 000	37.3	66.7	9 400	49.8	69.7	7 900							36.0
38.0										29.7	63.7	8 800	44.1	67.8	7 400							38.0
40.0										19.7	59.3	8 300	37.7	65.5	6 900	49.7	68.0	5 600				40.0
42.0													30.2	62.5	6 400	44.0	66.1	5 200				42.0
44.0													20.4	58.3	6 100	37.6	63.8	4 900				44.0
46.0																30.1	60.8	4 500	43.5	63.9	3 500	46.0
48.0																20.3	56.6	4 300	37.0	61.5	3 200	48.0
50.0																			29.3	58.5	3 000	50.0
52.0																			19.2	54.0	2 800	52.0



Liftcrane Luffing Jib Capacities

European Standards
10 m/s Maximum Wind

777 SERIES 2

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

Capacities indicated by (b) require 1 280 kg minimum
block weight. Capacities based on structural
competence are denoted by an asterisk (*).

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	28 800 *b																			10.7
12.0	73.0	80.9	28 500 *b																			12.0
14.0	69.1	80.2	27 900 *																			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	21 700																20.0
22.0	51.7	75.7	21 600 *	61.4	78.2	19 700																22.0
24.0	46.7	74.0	19 400 *	57.0	77.0	18 000	62.6	78.1	16 600													24.0
26.0	41.3	71.9	17 400 *	52.4	75.6	16 500	58.3	76.9	15 300													26.0
28.0	35.2	69.4	15 600 *	47.5	73.9	15 300	53.7	75.6	14 100													28.0
30.0	28.1	66.1	14 100 *	42.2	71.9	14 100	48.9	74.0	13 000	58.7	76.1	11 200										30.0
32.0	18.6	61.5	12 500 *	36.2	69.4	13 200	43.7	72.1	12 100	54.2	74.8	10 400										32.0
34.0				29.3	66.3	12 400	38.0	69.8	11 300	49.4	73.2	9 600										34.0
36.0				20.3	62.0	11 600 *	31.3	66.9	10 600	44.3	71.3	9 000	54.5	73.5	7 500							36.0
38.0							23.1	63.0	10 000	38.6	69.1	8 400	49.7	72.0	7 000							38.0
40.0										32.1	66.2	7 900	44.6	70.1	6 500							40.0
42.0										24.1	62.5	7 400	38.9	67.9	6 100	49.7	70.3	4 800				42.0
44.0										11.9	56.4	7 000	32.5	65.1	5 700	44.5	68.4	4 500				44.0
46.0													24.6	61.4	5 300	38.9	66.2	4 200				46.0
48.0													12.9	55.5	5 100	32.4	63.4	3 900	44.0	66.2	2 900	48.0
50.0																24.5	59.7	3 600	38.3	63.9	2 600	50.0
52.0																			31.8	61.1	2 400	52.0
54.0																			23.7	57.3	2 200	54.0
56.0																			11.1	50.9	2 100	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

European Standards
10 m/s Maximum Wind

777 SERIES 2

Capacities indicated by (b) require 1 280 kg minimum
block weight. Capacities based on structural
competence are denoted by an asterisk (*).

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	21 500																20.0
22.0	55.7	79.5	20 300 *	64.2	81.6	19 600																22.0
24.0	51.5	78.0	18 900 *	60.3	80.5	17 900	65.3	81.5	16 600													24.0
26.0	46.9	76.3	17 600 *	56.3	79.3	16 500	61.4	80.5	15 200													26.0
28.0	42.1	74.2	15 900 *	52.1	77.9	15 300	57.5	79.3	14 100													28.0
30.0	36.7	71.8	14 300 *	47.6	76.2	14 100	53.3	77.9	13 000													30.0
32.0	30.5	68.8	13 000 *	42.8	74.2	13 200	48.9	76.3	12 100	57.9	78.4	10 400										32.0
34.0	22.9	64.8	11 800 *	37.5	71.8	12 300	44.2	74.4	11 300	53.8	77.1	9 700										34.0
36.0	11.2	58.3	9 800 *	31.5	68.9	11 600	39.1	72.1	10 600	49.4	75.5	9 000										36.0
38.0				24.2	65.1	10 800 *	33.3	69.4	10 000	44.7	73.6	8 500	54.0	75.8	7 100							38.0
40.0							26.4	65.9	9 400	39.6	71.4	7 900	49.6	74.3	6 600							40.0
42.0							17.2	60.9	8 900	33.9	68.8	7 400	45.0	72.4	6 100							42.0
44.0										27.2	65.4	7 000	39.9	70.2	5 700	49.6	72.6	4 600				44.0
46.0										18.4	60.6	6 600	34.3	67.6	5 400	44.9	70.7	4 300				46.0
48.0													27.6	64.3	5 000	39.9	68.5	4 000				48.0
50.0													19.0	59.6	4 800	34.2	65.9	3 700	44.5	68.5	2 700	50.0
52.0																27.5	62.5	3 500	39.4	66.3	2 500	52.0
54.0																18.9	57.9	3 200	33.6	63.6	2 300	54.0
56.0																			26.9	60.2	2 100	56.0
58.0																			17.9	55.3	1 900	58.0

Liftcrane Luffing Jib Capacities

European Standards
10 m/s Maximum Wind

777 SERIES 2

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

Capacities indicated by (b) require 1 280 kg minimum
block weight. Capacities based on structural
competence are denoted by an asterisk (*).

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

European Standards
 10 m/s Maximum Wind

777 SERIES 2

Capacities indicated by (b) require 1 280 kg minimum
 block weight. Capacities based on structural
 competence are denoted by an asterisk (*).

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

Liftcrane Luffing Jib Capacities

European Standards
10 m/s Maximum Wind

777 SERIES 2

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

Capacities indicated by (b) require 1 280 kg minimum
block weight. Capacities based on structural
competence are denoted by an asterisk (*).

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

European Standards
10 m/s Maximum Wind

777 SERIES 2

Capacities indicated by (b) require 1 280 kg minimum block weight. Capacities based on structural competence are denoted by an asterisk (*).

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

Liftcrane Luffing Jib Capacities

European Standards
10 m/s Maximum Wind

777 SERIES 2

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

Capacities indicated by (b) require 1 280 kg minimum
block weight. Capacities based on structural
competence are denoted by an asterisk (*).

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			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	
15.2	75.6	99.0	10 200 *													15.2
16.0	74.7	98.8	10 200 *													16.0
18.0	72.2	98.2	10 000 *													18.0
20.0	69.7	97.5	9 800 *													20.0
22.0	67.2	96.7	9 600 *													22.0
24.0	64.6	95.8	9 400 *													24.0
26.0	62.0	94.8	9 200 *	67.6	96.5	9 400 *										26.0
28.0	59.3	93.7	9 100 *	65.0	95.6	9 300 *										28.0
30.0	56.5	92.5	8 900 *	62.4	94.6	9 200 *	65.7	95.5	8 900 *							30.0
32.0	53.7	91.1	8 700 *	59.7	93.5	9 200 *	63.1	94.5	8 900 *							32.0
34.0	50.7	89.5	8 600 *	57.0	92.3	9 000 *	60.5	93.4	8 900 *							34.0
36.0	47.6	87.8	8 300 *	54.1	90.9	8 900 *	57.7	92.2	8 800 *							36.0
38.0	44.3	85.8	8 000 *	51.2	89.4	8 700 *	54.9	90.9	8 700	60.8	92.6	7 300				38.0
40.0	40.8	83.7	7 600 *	48.1	87.7	8 300 *	52.0	89.4	8 200	58.0	91.4	6 800				40.0
42.0	37.1	81.2	7 300 *	44.8	85.8	8 000 *	48.9	87.8	7 700	55.2	90.1	6 300				42.0
44.0	33.0	78.3	6 900 *	41.4	83.6	7 700 *	45.7	85.9	7 200	52.3	88.6	5 900				44.0
46.0	28.4	75.0	6 500 *	37.7	81.2	7 400 *	42.4	83.9	6 700	49.3	87.0	5 500	55.4	88.9	4 100	46.0
48.0	23.0	70.8	6 200 *	33.7	78.4	6 900 *	38.8	81.5	6 400	46.1	85.2	5 100	52.5	87.4	4 000	48.0
50.0	15.9	65.2	5 700 *	29.2	75.2	6 500 *	34.8	78.9	6 000	42.7	83.1	4 800	49.4	85.8	3 700	50.0
52.0				23.9	71.2	6 000 *	30.5	75.7	5 700	39.1	80.8	4 500	46.3	84.0	3 400	52.0
54.0				17.2	65.8	5 700 *	25.5	72.0	5 300	35.3	78.2	4 200	42.9	81.9	3 200	54.0
56.0				4.9	55.6	5 700	19.3	67.1	5 100	31.0	75.1	4 000	39.4	79.6	2 900	56.0
58.0										26.0	71.5	3 700	35.5	77.0	2 700	58.0
60.0										20.0	66.7	3 500	31.2	74.0	2 500	60.0
62.0										11.3	59.6	3 300	26.3	70.4	2 300	62.0
64.0													20.4	65.7	2 200	64.0
66.0													12.0	58.8	2 000	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

European Standards
 10 m/s Maximum Wind

777 SERIES 2

Capacities indicated by (b) require 1 280 kg minimum block weight. Capacities based on structural competence are denoted by an asterisk (*).

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			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	74.7	101.8	8 900 *													16.8
18.0	73.3	101.4	8 800 *													18.0
20.0	71.0	100.8	8 600 *													20.0
22.0	68.6	100.0	8 400 *													22.0
24.0	66.2	99.2	8 200 *													24.0
26.0	63.8	98.3	8 100 *	69.0	99.8	8 200 *										26.0
28.0	61.3	97.2	7 900 *	66.6	99.0	8 000 *										28.0
30.0	58.7	96.1	7 800 *	64.2	98.0	7 900 *										30.0
32.0	56.1	94.8	7 600 *	61.7	97.0	7 800 *	64.8	97.9	7 700 *							32.0
34.0	53.4	93.4	7 200 *	59.1	95.9	7 700 *	62.4	96.9	7 600 *							34.0
36.0	50.6	91.8	6 900 *	56.5	94.6	7 600 *	59.8	95.8	7 500 *							36.0
38.0	47.7	90.1	6 500 *	53.8	93.2	7 200 *	57.3	94.6	7 400 *							38.0
40.0	44.6	88.2	6 300 *	51.0	91.7	6 900 *	54.6	93.2	7 300 *	60.1	95.0	6 500				40.0
42.0	41.4	86.0	5 900 *	48.1	90.0	6 600 *	51.8	91.7	6 900 *	57.5	93.8	6 100				42.0
44.0	37.9	83.6	5 500 *	45.1	88.1	6 300 *	48.9	90.1	6 600 *	54.9	92.4	5 700				44.0
46.0	34.1	80.8	5 200 *	41.9	86.0	6 100 *	45.9	88.2	6 400 *	52.1	90.9	5 200				46.0
48.0	30.0	77.6	4 700 *	38.4	83.6	5 700 *	42.8	86.2	6 100	49.3	89.3	4 900	55.0	91.2	3 700	48.0
50.0	25.2	73.8	4 200 *	34.7	80.9	5 300 *	39.4	83.9	5 800	46.3	87.5	4 600	52.3	89.7	3 400	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	4 300	49.4	88.1	3 200	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	4 000	46.4	86.3	3 000	54.0
56.0				20.3	69.4	3 900 *	27.3	74.8	4 500 *	36.2	80.6	3 700	43.3	84.3	2 700	56.0
58.0				12.5	62.6	3 500 *	22.0	70.5	4 100 *	32.3	77.7	3 500	40.0	82.0	2 500	58.0
60.0							15.1	64.5	3 700 *	27.8	74.2	3 300	36.4	79.5	2 300	60.0
62.0										22.6	70.0	3 100	32.5	76.6	2 100	62.0
64.0										16.0	64.3	2 900	28.1	73.1	1 900	64.0

Liftcrane Luffing Jib Capacities

European Standards
10 m/s Maximum Wind

777 SERIES 2

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

Capacities indicated by (b) require 1 280 kg minimum
block weight. Capacities based on structural
competence are denoted by an asterisk (*).

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	36 100 *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	27 400 *	61.4	73.2	25 000 b																18.0
20.0	38.1	68.0	24 400 *	55.1	71.9	22 600	63.6	73.1	20 900 b													20.0
22.0	28.3	64.9	21 800 *	48.2	70.3	20 500	57.4	72.0	18 900 b													22.0
24.0	13.0	59.6	17 200 *	40.5	68.3	18 800	50.7	70.5	17 300													24.0
26.0				31.4	65.5	17 400	43.4	68.7	15 900	58.9	71.3	13 800 b										26.0
28.0				18.6	61.2	16 100	34.9	66.2	14 800	52.4	69.9	12 700										28.0
30.0							23.9	62.7	13 800	45.2	68.1	11 800										30.0
32.0										37.0	65.8	10 900	53.6	68.8	9 200							32.0
34.0										26.9	62.6	10 200	46.6	67.1	8 600							34.0
36.0													38.6	64.9	8 000							36.0
38.0													29.0	61.9	7 500	47.4	65.5	6 100				38.0
40.0																39.6	63.4	5 600				40.0
42.0																30.2	60.5	5 200				42.0
44.0																16.6	55.9	4 900	39.8	61.3	3 700	44.0
46.0																			30.5	58.5	3 500	46.0
48.0																			17.1	54.0	3 200	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

European Standards
10 m/s Maximum Wind

777 SERIES 2

Capacities indicated by (b) require 1 280 kg minimum block weight. Capacities based on structural competence are denoted by an asterisk (*).

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	32 900 *b																			10.7
12.0	68.9	77.6	32 100 *b																			12.0
14.0	63.7	76.7	30 800 *b																			14.0
16.0	58.4	75.6	28 800 *																			16.0
18.0	52.7	74.2	26 800 *	65.2	76.6	24 400 b																18.0
20.0	46.5	72.5	24 200 *	59.9	75.5	22 000	67.1	76.5	20 300 b													20.0
22.0	39.6	70.4	21 600 *	54.3	74.2	20 000	61.9	75.5	18 500 b													22.0
24.0	31.5	67.6	19 500 *	48.3	72.6	18 300	56.4	74.3	16 900													24.0
26.0	20.8	63.5	17 200 *	41.7	70.6	16 900	50.5	72.8	15 500													26.0
28.0				34.0	68.1	15 600	44.1	71.0	14 300	57.7	73.6	12 300										28.0
30.0				24.3	64.5	14 600	36.9	68.6	13 300	51.9	72.2	11 300										30.0
32.0				6.7	57.3	13 500	28.1	65.5	12 400	45.7	70.4	10 500										32.0
34.0										38.7	68.2	9 800	53.0	71.1	8 200							34.0
36.0										30.4	65.3	9 200	46.9	69.4	7 600							36.0
38.0										19.2	61.0	8 600	40.0	67.3	7 100							38.0
40.0													32.1	64.5	6 600	47.6	67.8	5 200				40.0
42.0													21.6	60.6	6 200	40.9	65.8	4 900				42.0
44.0																33.0	63.1	4 500				44.0
46.0																23.0	59.3	4 200				46.0
48.0																			41.1	63.7	3 100	48.0
50.0																			33.3	61.0	2 900	50.0
																			23.3	57.3	2 600	

Liftcrane Luffing Jib Capacities

European Standards
10 m/s Maximum Wind

777 SERIES 2

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

Capacities indicated by (b) require 1 280 kg minimum
block weight. Capacities based on structural
competence are denoted by an asterisk (*).

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	29 900 *b																			10.7
12.0	71.3	80.8	29 300 *b																			12.0
14.0	66.8	80.0	28 400 *b																			14.0
16.0	62.2	79.1	27 400 *																			16.0
18.0	57.4	77.9	25 900 *	68.1	79.9	23 900 b																18.0
20.0	52.3	76.5	23 900 *	63.5	79.0	21 500																20.0
22.0	46.8	74.8	21 500 *	58.8	77.9	19 600	65.2	78.9	18 000													22.0
24.0	40.7	72.7	19 300 *	53.8	76.6	17 900	60.5	77.9	16 500													24.0
26.0	33.8	70.1	17 500 *	48.4	74.9	16 500	55.6	76.6	15 100													26.0
28.0	25.4	66.6	15 700 *	42.5	73.0	15 200	50.4	75.1	14 000	61.6	77.1	11 900										28.0
30.0	12.4	60.7	12 900 *	35.9	70.5	14 200	44.7	73.3	12 900	56.8	75.9	11 000										30.0
32.0				28.0	67.3	13 200	38.4	71.0	12 100	51.6	74.5	10 200										32.0
34.0				17.1	62.5	12 400 *	31.1	68.2	11 200	46.1	72.7	9 500										34.0
36.0							21.6	64.1	10 600	39.9	70.6	8 900	52.6	73.4	7 300							36.0
38.0										32.9	67.9	8 300	47.1	71.7	6 800							38.0
40.0										24.2	64.2	7 800	41.1	69.6	6 300							40.0
42.0													34.3	67.0	5 900	47.8	70.1	4 600				42.0
44.0													25.9	63.6	5 500	41.8	68.1	4 200				44.0
46.0																35.1	65.6	4 000				46.0
48.0																27.0	62.3	3 700	42.0	66.0	2 600	48.0
50.0																15.4	57.1	3 500	35.3	63.5	2 400	50.0
52.0																			27.3	60.2	2 200	52.0
54.0																			15.9	55.2	2 000	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

European Standards
10 m/s Maximum Wind

777 SERIES 2

Capacities indicated by (b) require 1 280 kg minimum block weight. Capacities based on structural competence are denoted by an asterisk (*).

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			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	
10.7	75.8	84.4	26 800 *b																10.7
12.0	73.2	84.0	26 400 *b																12.0
14.0	69.3	83.3	25 800 *																14.0
16.0	65.2	82.5	25 100 *																16.0
18.0	61.0	81.5	24 100 *																18.0
20.0	56.6	80.3	22 500 *	66.4	82.4	21 000													20.0
22.0	51.9	78.8	20 900 *	62.2	81.4	19 100													22.0
24.0	47.0	77.1	19 100 *	57.8	80.2	17 400	63.7	81.3	16 000										24.0
26.0	41.6	75.1	17 300 *	53.3	78.9	16 000	59.4	80.3	14 700										26.0
28.0	35.6	72.6	15 700 *	48.4	77.2	14 800	55.0	79.0	13 500										28.0
30.0	28.5	69.4	14 200 *	43.2	75.3	13 700	50.2	77.4	12 500	60.5	79.5	10 600							30.0
32.0	19.2	64.8	12 700 *	37.4	72.9	12 800	45.1	75.6	11 600	56.0	78.3	9 800							32.0
34.0				30.7	70.0	12 000	39.6	73.4	10 800	51.4	76.8	9 100							34.0
36.0				22.2	66.0	11 200	33.2	70.7	10 200	46.4	75.1	8 500							36.0
38.0				7.5	58.4	10 500 *	25.5	67.2	9 500	40.9	73.0	7 900	52.2	75.7	6 400				38.0
40.0										34.8	70.4	7 400	47.3	74.0	5 900				40.0
42.0										27.5	67.1	6 900	42.0	72.0	5 500				42.0
44.0										17.7	62.3	6 600	36.0	69.5	5 200	47.9	72.4	3 900	44.0
46.0													29.0	66.3	4 800	42.6	70.4	3 600	46.0
48.0													19.9	61.9	4 500	36.7	68.0	3 300	48.0
50.0																29.8	65.0	3 100	50.0
52.0																21.1	60.8	2 900	52.0

Liftcrane Luffing Jib Capacities

European Standards
10 m/s Maximum Wind

777 SERIES 2

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

Capacities indicated by (b) require 1 280 kg minimum
block weight. Capacities based on structural
competence are denoted by an asterisk (*).

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

European Standards
 10 m/s Maximum Wind

777 SERIES 2

Capacities indicated by (b) require 1 280 kg minimum
 block weight. Capacities based on structural
 competence are denoted by an asterisk (*).

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

Liftcrane Luffing Jib Capacities

European Standards
10 m/s Maximum Wind

777 SERIES 2

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

Capacities indicated by (b) require 1 280 kg minimum
block weight. Capacities based on structural
competence are denoted by an asterisk (*).

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

European Standards
 10 m/s Maximum Wind

777 SERIES 2

Capacities indicated by (b) require 1 280 kg minimum
 block weight. Capacities based on structural
 competence are denoted by an asterisk (*).

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

Liftcrane Luffing Jib Capacities

European Standards
10 m/s Maximum Wind

777 SERIES 2

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

Capacities indicated by (b) require 1 280 kg minimum
block weight. Capacities based on structural
competence are denoted by an asterisk (*).

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

European Standards
 10 m/s Maximum Wind

777 SERIES 2

Capacities indicated by (b) require 1 280 kg minimum block weight. Capacities based on structural competence are denoted by an asterisk (*).

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			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	
15.2	75.7	102.1	9 800 *													15.2
16.0	74.8	101.9	9 800 *													16.0
18.0	72.3	101.3	9 600 *													18.0
20.0	69.9	100.6	9 400 *													20.0
22.0	67.3	99.8	9 200 *													22.0
24.0	64.8	98.9	9 000 *													24.0
26.0	62.1	97.9	8 900 *	68.1	99.7	9 000 *										26.0
28.0	59.5	96.8	8 600 *	65.5	98.8	9 000 *										28.0
30.0	56.7	95.6	8 500 *	62.9	97.8	8 900 *	66.4	98.7	8 600 *							30.0
32.0	53.8	94.2	8 400 *	60.2	96.8	8 800 *	63.8	97.8	8 600 *							32.0
34.0	50.9	92.6	8 300 *	57.5	95.6	8 700 *	61.2	96.7	8 600 *							34.0
36.0	47.8	90.9	8 100 *	54.6	94.2	8 600 *	58.5	95.6	8 500 *							36.0
38.0	44.5	89.0	7 700 *	51.7	92.7	8 500 *	55.7	94.3	8 400 *							38.0
40.0	41.0	86.8	7 200 *	48.6	91.0	8 300 *	52.8	92.8	7 800 *	59.1	94.8	6 300				40.0
42.0	37.3	84.4	6 800 *	45.4	89.2	8 000 *	49.8	91.2	7 300 *	56.3	93.6	5 900				42.0
44.0	33.2	81.6	6 300 *	42.0	87.1	7 500 *	46.6	89.5	6 900	53.5	92.2	5 500				44.0
46.0	28.7	78.2	6 000 *	38.4	84.7	7 100 *	43.3	87.4	6 500	50.5	90.6	5 100	56.9	92.4	3 800	46.0
48.0	23.3	74.1	5 600 *	34.4	82.0	6 600 *	39.7	85.2	6 100	47.4	88.9	4 800	54.0	91.0	3 500	48.0
50.0	16.4	68.6	5 300 *	30.0	78.8	6 200 *	35.9	82.6	5 700	44.1	86.9	4 400	51.0	89.5	3 200	50.0
52.0				24.9	75.0	5 800 *	31.7	79.6	5 400	40.6	84.7	4 100	47.9	87.8	3 000	52.0
54.0				18.6	70.0	5 500 *	26.9	76.1	5 100	36.8	82.2	3 900	44.7	85.9	2 700	54.0
56.0				8.6	61.7	5 100 *	21.1	71.6	4 800	32.7	79.4	3 600	41.2	83.7	2 500	56.0
58.0							13.1	65.1	4 600	28.1	75.9	3 400	37.5	81.3	2 300	58.0
60.0										22.6	71.7	3 200	33.5	78.5	2 100	60.0
62.0										15.3	65.9	3 000	29.0	75.2	1 900	62.0
64.0										0.0	53.0	2 900	23.7	71.2	1 800	64.0

Liftcrane Luffing Jib Capacities

European Standards
10 m/s Maximum Wind

777 SERIES 2

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

Capacities indicated by (b) require 1 280 kg minimum
block weight. Capacities based on structural
competence are denoted by an asterisk (*).

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			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	74.8	104.8	8 600 *													16.8
18.0	73.4	104.5	8 500 *													18.0
20.0	71.1	103.8	8 300 *													20.0
22.0	68.7	103.1	8 100 *													22.0
24.0	66.3	102.3	8 000 *													24.0
26.0	63.9	101.4	7 800 *	69.4	102.9	7 800 *										26.0
28.0	61.4	100.3	7 700 *	67.0	102.1	7 800 *										28.0
30.0	58.9	99.2	7 500 *	64.6	101.2	7 700 *										30.0
32.0	56.2	97.9	7 300 *	62.1	100.2	7 600 *	65.5	101.2	7 400 *							32.0
34.0	53.5	96.5	7 100 *	59.6	99.1	7 500 *	63.0	100.2	7 400 *							34.0
36.0	50.7	94.9	6 800 *	57.0	97.9	7 400 *	60.5	99.1	7 300 *							36.0
38.0	47.8	93.2	6 500 *	54.3	96.5	7 200 *	57.9	97.9	7 300 *							38.0
40.0	44.8	91.3	6 300 *	51.6	95.0	6 900 *	55.3	96.6	7 100 *	61.1	98.4	6 100				40.0
42.0	41.5	89.2	6 000 *	48.7	93.3	6 600 *	52.6	95.2	7 000 *	58.6	97.2	5 600				42.0
44.0	38.1	86.8	5 600 *	45.7	91.5	6 300 *	49.7	93.5	6 600	55.9	95.9	5 200				44.0
46.0	34.3	84.0	5 200 *	42.5	89.4	6 100 *	46.8	91.8	6 200	53.2	94.5	4 800				46.0
48.0	30.2	80.9	4 800 *	39.1	87.1	5 800 *	43.6	89.8	5 800	50.4	92.9	4 500	56.4	94.8	3 300	48.0
50.0	25.4	77.1	4 300 *	35.4	84.5	5 400 *	40.3	87.5	5 500	47.5	91.2	4 200	53.7	93.4	3 000	50.0
52.0	19.7	72.3	3 900 *	31.4	81.4	5 000 *	36.8	85.0	5 100	44.4	89.2	3 900	50.9	91.8	2 700	52.0
54.0	11.4	65.1	3 500 *	26.9	77.9	4 500 *	32.9	82.2	4 800	41.1	87.1	3 700	48.0	90.1	2 500	54.0
56.0				21.5	73.4	4 100 *	28.6	78.8	4 600	37.6	84.6	3 400	45.0	88.2	2 300	56.0
58.0				14.3	67.2	3 700 *	23.5	74.7	4 200 *	33.9	81.9	3 200	41.7	86.1	2 100	58.0
60.0							17.2	69.3	3 800 *	29.7	78.6	3 000	38.3	83.7	1 900	60.0
62.0							6.3	59.7	3 700	24.8	74.7	2 800				62.0
64.0										18.9	69.8	2 600				64.0
66.0										10.0	62.0	2 400				66.0