

Liftcrane Luffing Jib Capacities

Luffing Jib No. 139 On Boom No. 78

47 630 kg Counterweight

360 Degree Rating

European Standards
10 m/s Maximum Wind

777 SERIES 1

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.

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, and 47 630 kg counterweight.

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. 7990-AM** for lifting off lower boom point with luffing jib attached.

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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	44 800 b																			10.0
12.0	62.5	43.3	38 100 b																			12.0
14.0	56.3	42.1	32 500	62.2	43.1	30 800 b	65.7	43.4	29 800 b													14.0
16.0	49.5	40.6	28 300	56.0	41.9	26 800	59.6	42.4	25 900 b													16.0
18.0	42.0	38.6	25 000	49.2	40.3	23 600	53.2	41.1	22 800	59.2	41.9	21 600										18.0
20.0	33.2	36.0	22 200	41.7	38.4	21 100	46.1	39.4	20 400	52.7	40.5	19 200										20.0
22.0	21.5	32.2	19 400	32.8	35.7	18 600	38.1	37.2	18 000	45.6	38.8	17 000	52.2	39.8	16 100							22.0
24.0				20.9	31.8	16 600	28.3	34.1	16 000	37.5	36.5	15 100	45.0	38.0	14 300							24.0
26.0										27.5	33.4	13 600	36.8	35.7	12 800	44.1	37.0	12 000				26.0
28.0													26.5	32.5	11 600	35.7	34.6	10 800	42.9	35.8	10 100	28.0
30.0																25.1	31.2	9 800	34.3	33.3	9 200	30.0
32.0																2.0	22.9	9 000	23.1	29.6	8 400	32.0



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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, 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	37 300																			12.0
14.0	60.9	45.7	31 700	66.0	46.4	30 000																14.0
16.0	55.4	44.4	27 600	60.7	45.4	26 100	63.7	45.9	25 300													16.0
18.0	49.5	42.9	24 400	55.1	44.2	23 000	58.4	44.8	22 200													18.0
20.0	42.9	41.0	21 800	49.2	42.6	20 600	52.6	43.4	19 800	58.0	44.2	18 700										20.0
22.0	35.5	38.5	19 500	42.7	40.7	18 500	46.5	41.7	17 800	52.3	42.8	16 700										22.0
24.0	26.3	35.2	17 300	35.2	38.2	16 400	39.6	39.5	15 800	46.1	41.1	14 900	51.8	42.1	14 000							24.0
26.0				25.9	34.8	14 800	31.5	36.7	14 200	39.1	38.9	13 400	45.5	40.3	12 500	51.1	41.2	11 700				26.0
28.0							20.8	32.7	12 900	30.9	36.1	12 100	38.5	38.1	11 300	44.7	39.3	10 600				28.0
30.0										20.0	31.9	11 000	30.1	35.2	10 300	37.6	37.1	9 600	43.7	38.1	9 000	30.0
32.0													18.7	30.8	9 400	29.0	34.0	8 800	36.4	35.7	8 100	32.0
34.0																17.0	29.3	8 000	27.5	32.5	7 400	34.0
36.0																			14.3	27.3	6 800	36.0

Liftcrane Luffing Jib Capacities

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47 630 kg Counterweight

360 Degree Rating

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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	31 100	68.8	49.8	29 500																14.0
16.0	59.7	48.0	27 100	64.2	48.9	25 600																16.0
18.0	54.7	46.7	24 000	59.5	47.8	22 600	62.2	48.3	21 900													18.0
20.0	49.4	45.2	21 500	54.5	46.5	20 200	57.4	47.1	19 500	61.9	47.7	18 400										20.0
22.0	43.6	43.3	19 300	49.2	44.9	18 200	52.3	45.7	17 600	57.1	46.6	16 500										22.0
24.0	37.2	40.9	17 400	43.4	43.0	16 400	46.8	44.0	15 800	51.9	45.1	14 900										24.0
26.0	29.6	37.9	15 600	36.9	40.7	14 700	40.7	41.9	14 200	46.4	43.4	13 400	51.5	44.4	12 500							26.0
28.0	19.5	33.5	14 000	29.2	37.6	13 300	33.8	39.3	12 900	40.3	41.3	12 100	45.9	42.6	11 300	50.8	43.5	10 600				28.0
30.0				19.0	33.1	12 100	25.3	35.7	11 700	33.3	38.6	11 000	39.7	40.5	10 300	45.2	41.7	9 600				30.0
32.0							12.4	29.9	10 700	24.7	35.0	10 000	32.7	37.8	9 300	39.0	39.4	8 700	44.3	40.4	8 100	32.0
34.0													23.8	34.0	8 600	31.8	36.6	8 000	38.0	38.1	7 400	34.0
36.0																22.6	32.7	7 300	30.5	35.2	6 800	36.0
38.0																5.1	24.6	6 700	20.9	31.1	6 200	38.0



Liftcrane Luffing Jib Capacities

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47 630 kg Counterweight

360 Degree Rating

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10 m/s Maximum Wind

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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.	Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	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	30 500																			14.0
16.0	63.0	51.5	26 500	66.9	52.2	25 100																16.0
18.0	58.7	50.4	23 400	62.8	51.3	22 100	65.2	51.7	21 300													18.0
20.0	54.1	49.1	20 900	58.5	50.2	19 700	61.0	50.6	19 000													20.0
22.0	49.4	47.5	18 900	54.0	48.8	17 800	56.6	49.4	17 100	60.7	50.1	16 100										22.0
24.0	44.2	45.6	17 100	49.2	47.2	16 100	51.9	48.0	15 500	56.3	48.9	14 500										24.0
26.0	38.5	43.3	15 400	44.0	45.3	14 500	47.0	46.3	14 000	51.6	47.4	13 100	55.9	48.2	12 300							26.0
28.0	32.0	40.5	14 000	38.3	43.1	13 100	41.6	44.2	12 700	46.7	45.7	11 900	51.2	46.7	11 100							28.0
30.0	24.0	36.7	12 700	31.7	40.2	12 000	35.6	41.7	11 500	41.2	43.6	10 800	46.2	44.9	10 000							30.0
32.0	11.7	30.5	11 300	23.6	36.4	10 900	28.5	38.5	10 500	35.2	41.1	9 800	40.7	42.8	9 100	45.6	44.0	8 500				32.0
34.0							19.1	34.0	9 600	28.0	37.8	9 000	34.6	40.2	8 300	40.1	41.8	7 700	44.8	42.7	7 100	34.0
36.0										18.4	33.2	8 300	27.3	36.9	7 700	33.8	39.1	7 100	39.2	40.5	6 500	36.0
38.0													17.4	32.0	7 100	26.3	35.7	6 500	32.8	37.8	6 000	38.0
40.0																15.8	30.5	6 000	25.0	34.1	5 500	40.0
42.0																			13.6	28.4	5 100	42.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 139 On Boom No. 78

47 630 kg Counterweight

360 Degree Rating

European Standards
10 m/s Maximum Wind

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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, 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	29 000																			14.0
16.0	65.6	54.9	26 100	69.1	55.5	24 600																16.0
18.0	61.8	53.9	23 000	65.4	54.7	21 700																18.0
20.0	57.8	52.7	20 600	61.6	53.7	19 300	63.8	54.1	18 700													20.0
22.0	53.7	51.4	18 500	57.7	52.5	17 500	59.9	53.0	16 800													22.0
24.0	49.3	49.8	16 800	53.5	51.1	15 800	55.9	51.8	15 200	59.7	52.5	14 300										24.0
26.0	44.7	47.9	15 400	49.1	49.5	14 400	51.7	50.3	13 900	55.6	51.2	13 000										26.0
28.0	39.6	45.7	13 900	44.4	47.7	13 100	47.2	48.6	12 600	51.4	49.8	11 800	55.3	50.5	11 000							28.0
30.0	33.8	43.0	12 700	39.3	45.4	11 900	42.3	46.6	11 400	46.9	48.0	10 700	51.0	49.0	10 000							30.0
32.0	27.1	39.6	11 600	33.6	42.7	10 900	37.0	44.1	10 400	42.0	46.0	9 700	46.5	47.3	9 100	50.5	48.1	8 400				32.0
34.0	18.2	34.8	10 600	26.8	39.3	10 000	30.8	41.2	9 600	36.6	43.5	8 900	41.6	45.2	8 300	45.9	46.3	7 700				34.0
36.0				17.7	34.4	9 200	23.3	37.3	8 800	30.4	40.5	8 200	36.1	42.7	7 600	41.0	44.2	7 000	45.2	45.1	6 500	36.0
38.0							12.0	31.0	8 200	22.7	36.5	7 600	29.8	39.6	7 000	35.4	41.6	6 500	40.1	42.9	5 900	38.0
40.0													22.0	35.5	6 500	29.0	38.4	5 900	34.5	40.3	5 400	40.0
42.0																20.9	34.1	5 500	27.9	37.0	5 000	42.0
44.0																6.3	25.9	5 100	19.4	32.4	4 600	44.0



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47 630 kg Counterweight

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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, 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	25 100																			16.0
18.0	64.3	57.3	22 500	67.6	58.0	21 200																18.0
20.0	60.8	56.3	20 100	64.2	57.1	18 900	66.1	57.4	18 200													20.0
22.0	57.1	55.1	18 100	60.6	56.1	17 000	62.7	56.5	16 400													22.0
24.0	53.3	53.7	16 400	57.0	54.8	15 400	59.1	55.4	14 800													24.0
26.0	49.3	52.1	15 000	53.2	53.4	14 000	55.4	54.1	13 500	58.9	54.9	12 600										26.0
28.0	45.0	50.2	13 800	49.1	51.8	12 900	51.5	52.6	12 400	55.1	53.6	11 500										28.0
30.0	40.4	48.1	12 500	44.8	50.0	11 700	47.3	50.9	11 300	51.2	52.1	10 500	54.8	52.8	9 700							30.0
32.0	35.3	45.5	11 400	40.2	47.8	10 700	42.9	48.9	10 200	47.1	50.3	9 500	50.9	51.3	8 800							32.0
34.0	29.4	42.3	10 500	35.1	45.2	9 800	38.1	46.5	9 400	42.6	48.3	8 700	46.7	49.6	8 100	50.4	50.4	7 400				34.0
36.0	22.3	38.2	9 600	29.2	42.0	9 000	32.7	43.7	8 600	37.8	45.9	8 000	42.2	47.5	7 400	46.2	48.6	6 800				36.0
38.0	11.4	31.6	8 700	21.9	37.8	8 300	26.3	40.2	8 000	32.3	43.1	7 400	37.3	45.1	6 800	41.7	46.5	6 200				38.0
40.0							18.0	35.3	7 400	25.8	39.5	6 800	31.8	42.2	6 300	36.7	44.0	5 700	40.9	45.2	5 200	40.0
42.0										17.3	34.4	6 300	25.2	38.5	5 800	31.1	41.1	5 300	35.9	42.7	4 800	42.0
44.0																24.3	37.3	4 800	30.2	39.6	4 400	44.0
46.0																15.0	31.7	4 500	23.2	35.7	4 000	46.0
48.0																			13.1	29.5	3 700	48.0

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47 630 kg Counterweight
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Capacities indicated by (b) require 1 280 kg minimum
block weight. Capacities based on structural
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21.3m (70 Ft.) Boom, 39.6m (130 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			60 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	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	18 600																20.0
22.0	59.9	58.7	18 000	63.1	59.5	16 800	64.9	59.9	16 200													22.0
24.0	56.5	57.4	16 200	59.8	58.4	15 200	61.7	58.9	14 600													24.0
26.0	53.0	56.0	14 900	56.4	57.2	13 900	58.3	57.7	13 300	61.5	58.4	12 500										26.0
28.0	49.3	54.4	13 600	52.8	55.8	12 700	54.9	56.4	12 200	58.1	57.2	11 400										28.0
30.0	45.3	52.5	12 500	49.1	54.1	11 700	51.3	54.9	11 200	54.7	55.9	10 500										30.0
32.0	41.1	50.4	11 400	45.2	52.3	10 700	47.5	53.2	10 200	51.0	54.4	9 600	54.4	55.1	8 800							32.0
34.0	36.5	47.9	10 500	40.9	50.1	9 800	43.4	51.2	9 400	47.2	52.6	8 700	50.7	53.6	8 100							34.0
36.0	31.3	45.0	9 600	36.3	47.6	9 000	39.0	48.9	8 600	43.1	50.6	8 000	46.9	51.9	7 400	50.3	52.7	6 800				36.0
38.0	25.2	41.2	8 900	31.1	44.6	8 300	34.1	46.2	8 000	38.7	48.3	7 400	42.8	49.8	6 800	46.4	50.9	6 200				38.0
40.0	17.2	36.1	8 200	24.9	40.9	7 700	28.6	43.0	7 400	33.8	45.6	6 800	38.3	47.5	6 200	42.3	48.8	5 700	45.8	49.7	5 200	40.0
42.0				16.8	35.6	7 200	21.8	38.7	6 800	28.2	42.3	6 300	33.4	44.7	5 700	37.8	46.5	5 200	41.6	47.6	4 700	42.0
44.0							11.7	32.1	6 300	21.3	37.9	5 800	27.7	41.3	5 300	32.8	43.6	4 800	37.0	45.1	4 300	44.0
46.0													20.6	36.9	4 900	26.9	40.1	4 400	31.9	42.2	4 000	46.0
48.0																19.6	35.5	4 100	26.0	38.6	3 700	48.0
50.0																7.1	27.1	3 800	18.3	33.7	3 400	50.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 139 On Boom No. 78

47 630 kg Counterweight

360 Degree Rating

European Standards
10 m/s Maximum Wind

777 SERIES 1

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	18 200																20.0
22.0	62.3	62.1	16 700 *	65.1	62.9	16 400	66.8	63.2	15 700													22.0
24.0	59.2	61.0	15 700 *	62.2	61.9	14 800	63.9	62.3	14 200													24.0
26.0	56.0	59.7	14 500	59.1	60.8	13 500	60.8	61.3	13 000													26.0
28.0	52.7	58.3	13 300	55.9	59.5	12 400	57.7	60.1	11 900	60.6	60.7	11 000										28.0
30.0	49.3	56.7	12 200	52.6	58.1	11 400	54.5	58.7	10 900	57.5	59.5	10 100										30.0
32.0	45.6	54.9	11 200	49.1	56.4	10 500	51.1	57.2	10 100	54.3	58.2	9 300	57.2	58.8	8 600							32.0
34.0	41.7	52.8	10 300	45.5	54.6	9 600	47.6	55.5	9 200	50.9	56.7	8 500	54.0	57.5	7 900							34.0
36.0	37.5	50.3	9 500	41.6	52.5	8 800	43.8	53.5	8 500	47.3	54.9	7 800	50.6	55.9	7 200							36.0
38.0	32.8	47.5	8 700	37.3	50.1	8 100	39.8	51.3	7 800	43.6	53.0	7 100	47.0	54.2	6 600	50.2	55.0	6 000				38.0
40.0	27.5	44.1	8 100	32.6	47.2	7 500	35.4	48.7	7 100	39.5	50.7	6 600	43.2	52.2	6 000	46.6	53.2	5 500				40.0
42.0	20.9	39.6	7 500	27.3	43.7	7 000	30.4	45.6	6 600	35.1	48.1	6 100	39.2	49.9	5 600	42.8	51.2	5 000	46.0	52.0	4 500	42.0
44.0	11.3	32.7	6 700	20.6	39.2	6 400	24.6	41.8	6 200	30.1	44.9	5 600	34.7	47.2	5 100	38.7	48.8	4 600	42.2	49.9	4 100	44.0
46.0							17.1	36.5	5 700	24.2	41.0	5 200	29.6	44.0	4 700	34.1	46.1	4 300	38.0	47.5	3 800	46.0
48.0										16.5	35.7	4 800	23.6	40.1	4 400	29.0	42.9	3 900	33.4	44.8	3 500	48.0
50.0													15.6	34.5	4 000	22.9	38.8	3 600	28.1	41.4	3 200	50.0
52.0																14.4	32.8	3 300	21.8	37.1	2 900	52.0
54.0																			12.7	30.7	2 700	54.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 139 On Boom No. 78
47 630 kg Counterweight
360 Degree Rating

European Standards
 10 m/s Maximum Wind

777 SERIES 1

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	16 200																22.0
24.0	61.4	64.5	14 500 *	64.2	65.3	14 600	65.7	65.7	14 000													24.0
26.0	58.6	63.4	13 600 *	61.3	64.3	13 300	62.9	64.7	12 700													26.0
28.0	55.6	62.1	12 800 *	58.4	63.1	12 200	60.1	63.6	11 600													28.0
30.0	52.5	60.6	12 000 *	55.4	61.8	11 200	57.2	62.4	10 700	59.9	63.1	9 900										30.0
32.0	49.2	59.0	11 100	52.3	60.4	10 300	54.1	61.0	9 800	57.0	61.9	9 100										32.0
34.0	45.8	57.2	10 300	49.1	58.7	9 500	51.0	59.5	9 100	53.9	60.5	8 400	56.7	61.2	7 700							34.0
36.0	42.2	55.1	9 400	45.7	56.9	8 800	47.7	57.8	8 400	50.8	59.0	7 700	53.7	59.8	7 100							36.0
38.0	38.4	52.7	8 700	42.1	54.8	8 100	44.2	55.9	7 700	47.4	57.2	7 100	50.5	58.2	6 500							38.0
40.0	34.1	50.0	8 000	38.2	52.4	7 500	40.4	53.7	7 100	43.9	55.3	6 500	47.2	56.5	5 900	50.1	57.3	5 400				40.0
42.0	29.3	46.8	7 400	33.9	49.7	6 900	36.4	51.1	6 500	40.2	53.1	6 000	43.6	54.5	5 500	46.8	55.5	4 900				42.0
44.0	23.7	42.8	6 900	29.1	46.4	6 400	31.9	48.2	6 100	36.1	50.5	5 500	39.9	52.3	5 000	43.2	53.5	4 500				44.0
46.0	16.4	37.3	6 400	23.5	42.4	5 900	26.8	44.6	5 600	31.7	47.5	5 100	35.8	49.7	4 600	39.4	51.2	4 200	42.6	52.2	3 700	46.0
48.0				16.1	36.8	5 500	20.6	40.1	5 200	26.5	43.9	4 800	31.2	46.7	4 300	35.3	48.6	3 800	38.8	49.9	3 400	48.0
50.0							11.6	33.1	4 900	20.2	39.3	4 400	26.0	43.0	4 000	30.7	45.5	3 500	34.6	47.2	3 100	50.0
52.0													19.5	38.2	3 600	25.3	41.7	3 200	29.9	44.1	2 800	52.0
54.0																18.6	36.8	3 000	24.4	40.2	2 600	54.0
56.0																7.6	28.2	2 800	17.4	34.9	2 400	56.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 139 On Boom No. 78

47 630 kg Counterweight

360 Degree Rating

European Standards
10 m/s Maximum Wind

777 SERIES 1

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	12 900	64.8	68.1	12 400													26.0
28.0	58.0	65.7	11 500 *	60.6	66.7	11 800	62.1	67.1	11 300													28.0
30.0	55.2	64.4	10 700 *	57.9	65.5	10 900	59.4	66.0	10 400													30.0
32.0	52.3	62.9	10 000 *	55.1	64.2	10 000	56.7	64.7	9 500	59.3	65.5	8 800										32.0
34.0	49.2	61.3	9 300 *	52.1	62.7	9 300	53.8	63.4	8 800	56.5	64.2	8 100										34.0
36.0	46.0	59.5	8 700 *	49.1	61.0	8 600	50.8	61.8	8 100	53.6	62.8	7 500	56.3	63.5	6 800							36.0
38.0	42.7	57.4	8 100 *	45.9	59.2	7 900	47.7	60.1	7 500	50.7	61.3	6 900	53.4	62.1	6 300							38.0
40.0	39.1	55.1	7 600 *	42.5	57.2	7 300	44.5	58.2	6 900	47.5	59.5	6 300	50.4	60.5	5 700							40.0
42.0	35.2	52.5	7 100 *	38.9	54.8	6 700	41.0	56.0	6 400	44.3	57.6	5 800	47.3	58.8	5 200	50.0	59.6	4 700				42.0
44.0	30.9	49.4	6 600 *	35.0	52.2	6 200	37.3	53.5	5 900	40.8	55.4	5 300	44.0	56.8	4 800	46.9	57.8	4 300				44.0
46.0	25.9	45.7	6 200 *	30.7	49.1	5 700	33.2	50.7	5 400	37.1	52.9	4 900	40.5	54.6	4 400	43.6	55.8	3 900	46.4	56.6	3 500	46.0
48.0	19.9	41.0	5 800 *	25.7	45.3	5 300	28.7	47.4	5 100	33.0	50.1	4 600	36.7	52.1	4 100	40.1	53.6	3 600	43.1	54.6	3 100	48.0
50.0	11.1	33.8	5 200 *	19.6	40.6	5 000	23.3	43.3	4 700	28.3	46.7	4 200	32.6	49.2	3 800	36.3	51.0	3 300	39.5	52.3	2 900	50.0
52.0							16.4	37.7	4 400	22.9	42.5	3 900	27.9	45.8	3 500	32.1	48.1	3 000	35.7	49.7	2 600	52.0
54.0										15.8	36.8	3 600	22.4	41.5	3 200	27.3	44.6	2 800	31.4	46.7	2 400	54.0
56.0													15.1	35.6	2 900	21.7	40.2	2 500	26.5	43.1	2 200	56.0
58.0																14.0	34.0	2 300	20.7	38.5	1 900	58.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 139 On Boom No. 78
47 630 kg Counterweight
360 Degree Rating

European Standards
10 m/s Maximum Wind

777 SERIES 1

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	10 900													28.0
30.0	57.5	68.1	9 300 *	60.0	69.0	10 000 *	61.4	69.5	10 100													30.0
32.0	54.8	66.7	8 800 *	57.4	67.8	9 300 *	58.9	68.3	9 300	61.3	69.0	8 500										32.0
34.0	52.1	65.2	8 400 *	54.7	66.5	8 800 *	56.2	67.1	8 500	58.7	67.8	7 800										34.0
36.0	49.2	63.6	7 800 *	52.0	65.0	8 300	53.5	65.7	7 900	56.1	66.5	7 200										36.0
38.0	46.2	61.8	7 200 *	49.1	63.3	7 700	50.7	64.1	7 300	53.4	65.1	6 600	55.8	65.8	6 000							38.0
40.0	43.1	59.7	6 700 *	46.1	61.5	7 100	47.8	62.4	6 700	50.6	63.6	6 200	53.1	64.4	5 500							40.0
42.0	39.7	57.5	6 200 *	42.9	59.5	6 600	44.8	60.5	6 200	47.6	61.8	5 600	50.3	62.8	5 100							42.0
44.0	36.1	54.9	5 800 *	39.6	57.2	6 100	41.5	58.3	5 700	44.6	59.9	5 200	47.4	61.1	4 700	50.0	61.9	4 200				44.0
46.0	32.2	52.0	5 300 *	36.0	54.6	5 600	38.1	55.9	5 300	41.3	57.8	4 800	44.3	59.1	4 300	47.0	60.1	3 800				46.0
48.0	27.8	48.5	4 900 *	32.0	51.7	5 200	34.3	53.2	4 900	37.8	55.3	4 400	41.0	57.0	3 900	43.9	58.1	3 400	46.6	58.9	3 000	48.0
50.0	22.6	44.2	4 400 *	27.6	48.2	4 800	30.2	50.0	4 500	34.1	52.6	4 000	37.5	54.5	3 600	40.6	55.9	3 100	43.4	56.9	2 700	50.0
52.0	15.8	38.5	3 900 *	22.3	43.9	4 400 *	25.4	46.2	4 200	29.9	49.4	3 700	33.7	51.7	3 300	37.1	53.4	2 900	40.1	54.7	2 500	52.0
54.0				15.5	38.0	3 900 *	19.7	41.4	3 900	25.1	45.5	3 400	29.5	48.5	3 000	33.3	50.6	2 600	36.5	52.1	2 200	54.0
56.0							11.4	34.2	3 600	19.2	40.6	3 200	24.7	44.6	2 800	29.0	47.3	2 400	32.7	49.2	2 000	56.0
58.0													18.7	39.5	2 600	24.0	43.3	2 200				58.0
60.0																17.8	38.1	2 000				60.0
62.0																7.9	29.3	1 800				62.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 139 On Boom No. 78

47 630 kg Counterweight

360 Degree Rating

European Standards
10 m/s Maximum Wind

777 SERIES 1

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.	Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity kg	
9.1	71.2	47.6	47 300 *b																			9.1
10.0	68.7	47.3	44 200 b																			10.0
12.0	62.8	46.4	37 200 b																			12.0
14.0	56.6	45.2	31 800	63.4	46.3	29 900 b	67.2	46.7	28 800 b													14.0
16.0	49.9	43.7	27 800	57.2	45.1	26 000	61.2	45.7	25 000 b													16.0
18.0	42.4	41.8	24 600	50.5	43.7	23 000	54.9	44.5	22 100													18.0
20.0	33.7	39.3	22 100	43.2	41.8	20 600	48.0	42.9	19 700	55.3	44.0	18 400										20.0
22.0	22.3	35.5	19 500	34.6	39.3	18 500	40.3	40.8	17 800	48.5	42.5	16 600	55.6	43.4	15 500							22.0
24.0				23.5	35.7	16 500	31.1	38.0	15 900	40.9	40.5	14 800	48.8	41.9	13 800							24.0
26.0										31.8	37.7	13 300	41.2	39.9	12 400	48.9	41.0	11 500				26.0
28.0										19.3	33.6	12 000	32.2	37.2	11 200	41.3	39.0	10 300				28.0
30.0													20.0	33.1	10 100	32.3	36.3	9 400	41.0	37.9	8 600	30.0
32.0																20.1	32.3	8 600	32.0	35.2	7 800	32.0
34.0																			19.6	31.1	7 200	34.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 139 On Boom No. 78

47 630 kg Counterweight

360 Degree Rating

European Standards
10 m/s Maximum Wind

777 SERIES 1

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.	Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity kg	
9.1	73.6	50.8	43 200 *b																			9.1
10.0	71.5	50.5	41 800 b																			10.0
12.0	66.4	49.8	36 500																			12.0
14.0	61.2	48.8	31 000	66.9	49.6	29 200 b																14.0
16.0	55.7	47.5	27 100	61.7	48.7	25 400	65.1	49.1	24 400 b													16.0
18.0	49.8	46.0	24 000	56.2	47.5	22 400	59.8	48.1	21 500													18.0
20.0	43.3	44.1	21 500	50.3	46.0	20 000	54.2	46.8	19 200	60.2	47.6	17 900										20.0
22.0	35.9	41.7	19 400	43.9	44.1	18 100	48.2	45.2	17 300	54.6	46.4	16 100										22.0
24.0	26.9	38.4	17 400	36.7	41.8	16 300	41.5	43.2	15 600	48.6	44.8	14 600	54.8	45.7	13 500							24.0
26.0				27.8	38.6	14 600	33.8	40.6	14 000	42.0	42.8	13 100	48.8	44.2	12 100							26.0
28.0							24.1	36.9	12 700	34.4	40.3	11 800	42.3	42.2	10 900	48.9	43.3	10 100				28.0
30.0										24.8	36.7	10 800	34.7	39.7	9 900	42.3	41.4	9 100				30.0
32.0										8.3	30.0	9 800	25.3	36.2	9 000	34.8	38.8	8 300	42.1	40.2	7 600	32.0
34.0																25.4	35.4	7 600	34.5	37.7	6 900	34.0
36.0																			25.0	34.2	6 300	36.0
38.0																			8.7	27.6	5 800	38.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 139 On Boom No. 78

47 630 kg Counterweight

360 Degree Rating

European Standards
10 m/s Maximum Wind

777 SERIES 1

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	35 300																			12.0
14.0	64.6	52.2	30 500	69.6	52.9	28 600 b																14.0
16.0	59.9	51.1	26 600	65.1	52.1	24 900																16.0
18.0	55.0	49.9	23 600	60.4	51.1	22 000	63.4	51.5	21 200													18.0
20.0	49.7	48.3	21 100	55.4	49.8	19 700	58.7	50.4	18 900													20.0
22.0	44.0	46.4	19 100	50.2	48.3	17 800	53.6	49.1	17 000	59.0	50.0	15 800										22.0
24.0	37.6	44.1	17 300	44.5	46.4	16 200	48.3	47.5	15 500	54.0	48.7	14 300										24.0
26.0	30.0	41.1	15 600	38.2	44.2	14 600	42.4	45.5	14 000	48.6	47.1	13 000	54.2	48.1	12 100							26.0
28.0	20.2	36.9	14 100	30.8	41.3	13 200	35.7	43.0	12 700	42.8	45.1	11 800	48.9	46.5	10 900							28.0
30.0				21.3	37.2	12 100	27.8	39.8	11 500	36.2	42.7	10 700	43.0	44.5	9 900	48.9	45.6	9 100				30.0
32.0							16.8	34.9	10 600	28.4	39.5	9 700	36.5	42.1	9 000	43.1	43.7	8 300				32.0
34.0										17.7	34.8	9 000	28.8	39.0	8 300	36.6	41.3	7 500	42.9	42.6	6 900	34.0
36.0													18.3	34.4	7 600	28.8	38.2	6 900	36.3	40.2	6 300	36.0
38.0																18.4	33.6	6 400	28.5	37.0	5 800	38.0
40.0																			17.9	32.3	5 300	40.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 139 On Boom No. 78

47 630 kg Counterweight

360 Degree Rating

European Standards
10 m/s Maximum Wind

777 SERIES 1

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.	Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	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	29 800																			14.0
16.0	63.2	54.6	26 000	67.7	55.4	24 400																16.0
18.0	58.9	53.5	23 000	63.6	54.5	21 500																18.0
20.0	54.4	52.2	20 600	59.3	53.4	19 200	62.1	53.9	18 400													20.0
22.0	49.6	50.6	18 600	54.8	52.1	17 300	57.7	52.8	16 600													22.0
24.0	44.5	48.8	16 900	50.1	50.6	15 700	53.2	51.4	15 000	58.0	52.4	13 900										24.0
26.0	38.8	46.5	15 400	45.0	48.7	14 400	48.3	49.8	13 700	53.5	51.0	12 700										26.0
28.0	32.4	43.7	14 000	39.4	46.5	13 100	43.1	47.8	12 500	48.7	49.4	11 600	53.7	50.4	10 600							28.0
30.0	24.5	40.0	12 700	33.0	43.8	11 900	37.2	45.4	11 400	43.4	47.5	10 500	48.9	48.8	9 700							30.0
32.0	12.6	34.1	11 400	25.3	40.2	10 800	30.5	42.5	10 300	37.7	45.1	9 600	43.7	46.9	8 800	48.9	47.9	8 000				32.0
34.0							22.0	38.4	9 500	31.0	42.2	8 800	37.9	44.5	8 000	43.7	46.0	7 300				34.0
36.0										22.6	38.2	8 000	31.3	41.6	7 300	38.0	43.7	6 700	43.5	44.9	6 000	36.0
38.0										8.7	31.1	7 400	23.0	37.7	6 800	31.3	40.8	6 100	37.7	42.6	5 500	38.0
40.0																23.1	36.9	5 600	31.1	39.6	5 000	40.0
42.0																			22.8	35.7	4 600	42.0
44.0																			9.0	28.7	4 300	44.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 139 On Boom No. 78

47 630 kg Counterweight

360 Degree Rating

European Standards
10 m/s Maximum Wind

777 SERIES 1

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	28 900																			14.0
16.0	65.8	58.0	25 600																			16.0
18.0	62.0	57.0	22 600	66.1	57.9	21 100																18.0
20.0	58.0	55.9	20 200	62.3	56.9	18 900	64.8	57.3	18 100													20.0
22.0	53.9	54.5	18 200	58.4	55.8	17 000	61.0	56.3	16 300													22.0
24.0	49.6	52.9	16 600	54.3	54.4	15 400	57.0	55.1	14 800													24.0
26.0	44.9	51.1	15 200	50.0	52.9	14 100	52.8	53.7	13 500	57.3	54.7	12 500										26.0
28.0	39.8	48.9	14 000	45.3	51.1	12 900	48.4	52.1	12 300	53.1	53.3	11 400										28.0
30.0	34.2	46.2	12 700	40.3	48.9	11 800	43.6	50.1	11 300	48.7	51.7	10 400	53.3	52.7	9 600							30.0
32.0	27.5	42.9	11 600	34.7	46.3	10 800	38.4	47.8	10 300	44.0	49.8	9 500	48.9	51.1	8 700							32.0
34.0	18.8	38.2	10 600	28.1	43.0	9 900	32.5	45.0	9 400	38.8	47.5	8 700	44.2	49.2	7 900	48.9	50.2	7 200				34.0
36.0				19.7	38.5	9 100	25.5	41.4	8 700	33.0	44.7	8 000	39.0	46.9	7 300	44.2	48.3	6 600				36.0
38.0							15.8	36.1	8 100	26.0	41.2	7 400	33.2	44.2	6 700	39.1	46.1	6 100	44.0	47.2	5 400	38.0
40.0										16.6	36.1	6 800	26.3	40.7	6 200	33.3	43.3	5 600	38.9	45.0	5 000	40.0
42.0													17.1	35.7	5 700	26.4	39.8	5 100	33.0	42.2	4 600	42.0
44.0																17.2	34.8	4 700	26.1	38.7	4 200	44.0
46.0																			16.8	33.6	3 900	46.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 139 On Boom No. 78
47 630 kg Counterweight
360 Degree Rating

European Standards
 10 m/s Maximum Wind

777 SERIES 1

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.	Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	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	25 000																			16.0
18.0	64.5	60.4	22 100	68.2	61.2	20 600																18.0
20.0	61.0	59.4	19 800	64.8	60.3	18 400	67.0	60.7	17 600													20.0
22.0	57.3	58.2	17 800	61.3	59.3	16 600	63.6	59.8	15 800													22.0
24.0	53.5	56.8	16 200	57.7	58.1	15 000	60.0	58.7	14 300													24.0
26.0	49.5	55.2	14 800	53.9	56.7	13 700	56.4	57.4	13 000	60.3	58.3	12 100										26.0
28.0	45.3	53.4	13 600	49.9	55.2	12 600	52.5	56.0	12 000	56.6	57.0	11 000										28.0
30.0	40.7	51.2	12 500	45.7	53.4	11 600	48.4	54.4	11 000	52.8	55.6	10 100										30.0
32.0	35.6	48.7	11 400	41.1	51.2	10 600	44.1	52.5	10 100	48.7	54.0	9 300	52.9	55.0	8 500							32.0
34.0	29.8	45.6	10 500	36.1	48.7	9 700	39.4	50.2	9 200	44.4	52.1	8 500	48.9	53.4	7 700							34.0
36.0	22.7	41.5	9 700	30.4	45.7	8 900	34.2	47.5	8 500	39.7	49.9	7 700	44.6	51.5	7 100	48.9	52.5	6 400				36.0
38.0	12.2	35.2	8 800	23.4	41.7	8 200	28.1	44.2	7 800	34.5	47.2	7 100	39.9	49.3	6 500	44.6	50.6	5 800				38.0
40.0							20.5	39.8	7 200	28.5	44.0	6 600	34.8	46.7	5 900	40.0	48.4	5 300	44.5	49.5	4 700	40.0
42.0										21.1	39.6	6 100	28.8	43.4	5 500	34.8	45.8	4 900	39.8	47.3	4 300	42.0
44.0										8.9	32.2	5 700	21.4	39.2	5 100	28.9	42.6	4 500	34.6	44.7	4 000	44.0
46.0																21.5	38.3	4 200	28.6	41.4	3 600	46.0
48.0																			21.2	37.1	3 300	48.0
50.0																			9.2	29.8	3 100	50.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 139 On Boom No. 78

47 630 kg Counterweight

360 Degree Rating

European Standards
10 m/s Maximum Wind

777 SERIES 1

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	18 200																20.0
22.0	60.1	61.8	17 600	63.7	62.7	16 400	65.8	63.1	15 700													22.0
24.0	56.7	60.5	16 000	60.4	61.7	14 800	62.6	62.2	14 200													24.0
26.0	53.2	59.1	14 600	57.0	60.4	13 500	59.2	61.0	12 900	62.8	61.7	11 900										26.0
28.0	49.5	57.5	13 400	53.5	59.1	12 400	55.8	59.8	11 800	59.5	60.6	10 900										28.0
30.0	45.6	55.7	12 400	49.8	57.5	11 400	52.2	58.3	10 900	56.0	59.4	10 000										30.0
32.0	41.3	53.6	11 400	45.9	55.7	10 600	48.5	56.7	10 000	52.5	57.9	9 200	56.2	58.7	8 400							32.0
34.0	36.8	51.1	10 500	41.7	53.6	9 700	44.5	54.8	9 200	48.7	56.3	8 500	52.6	57.3	7 700							34.0
36.0	31.6	48.2	9 700	37.2	51.2	8 900	40.2	52.6	8 500	44.8	54.4	7 800	48.9	55.7	7 100							36.0
38.0	25.6	44.5	8 900	32.1	48.3	8 200	35.5	50.0	7 800	40.5	52.2	7 100	44.9	53.8	6 500	48.9	54.8	5 800				38.0
40.0	17.7	39.5	8 200	26.2	44.7	7 600	30.1	46.9	7 200	35.8	49.7	6 600	40.7	51.6	5 900	45.0	52.9	5 300				40.0
42.0				18.6	39.8	7 100	23.8	43.0	6 700	30.5	46.6	6 100	36.0	49.1	5 500	40.7	50.8	4 900	44.8	51.8	4 300	42.0
44.0							15.1	37.3	6 200	24.2	42.8	5 600	30.8	46.1	5 000	36.1	48.3	4 500	40.6	49.7	3 900	44.0
46.0										15.8	37.3	5 200	24.5	42.3	4 700	30.8	45.2	4 100	35.9	47.1	3 600	46.0
48.0													16.2	36.9	4 300	24.6	41.4	3 800	30.6	44.1	3 300	48.0
50.0																16.3	36.1	3 500	24.3	40.2	3 000	50.0
52.0																			15.9	34.8	2 800	52.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 139 On Boom No. 78
47 630 kg Counterweight
360 Degree Rating

European Standards
10 m/s Maximum Wind

777 SERIES 1

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	17 700																20.0
22.0	62.4	65.2	16 800 *	65.7	66.1	16 000																22.0
24.0	59.4	64.1	15 600	62.7	65.1	14 500	64.7	65.6	13 800													24.0
26.0	56.2	62.9	14 300	59.6	64.0	13 200	61.6	64.5	12 600													26.0
28.0	52.9	61.4	13 100	56.5	62.8	12 100	58.5	63.4	11 500	61.9	64.1	10 500										28.0
30.0	49.4	59.8	12 100	53.2	61.4	11 100	55.3	62.1	10 500	58.8	63.0	9 600										30.0
32.0	45.8	58.0	11 200	49.8	59.8	10 200	52.0	60.6	9 700	55.6	61.7	8 800										32.0
34.0	41.9	55.9	10 300	46.1	58.0	9 500	48.5	59.0	9 000	52.2	60.2	8 200	55.7	61.1	7 400							34.0
36.0	37.7	53.5	9 500	42.3	55.9	8 800	44.8	57.1	8 300	48.8	58.6	7 600	52.4	59.6	6 800							36.0
38.0	33.1	50.7	8 800	38.1	53.6	8 100	40.9	54.9	7 600	45.1	56.7	6 900	48.9	58.0	6 200							38.0
40.0	27.8	47.3	8 100	33.6	50.8	7 500	36.6	52.4	7 100	41.2	54.6	6 400	45.2	56.1	5 800	48.9	57.1	5 100				40.0
42.0	21.3	42.9	7 500	28.3	47.5	6 900	31.8	49.5	6 500	36.9	52.1	5 900	41.3	54.0	5 200	45.3	55.3	4 700				42.0
44.0	12.0	36.2	6 800	22.0	43.2	6 400	26.3	45.9	6 000	32.1	49.2	5 400	37.1	51.5	4 800	41.3	53.1	4 300	45.1	54.2	3 700	44.0
46.0							19.3	41.1	5 600	26.7	45.6	5 000	32.4	48.6	4 400	37.1	50.7	3 900	41.2	52.0	3 400	46.0
48.0										19.9	41.0	4 700	26.9	45.1	4 100	32.4	47.8	3 600	36.9	49.6	3 100	48.0
50.0										9.1	33.3	4 300	20.2	40.5	3 800	27.0	44.3	3 300	32.2	46.7	2 800	50.0
52.0																20.2	39.7	3 000	26.8	43.1	2 600	52.0
54.0																			20.0	38.5	2 300	54.0
56.0																			9.4	30.9	2 100	56.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 139 On Boom No. 78
47 630 kg Counterweight
360 Degree Rating

European Standards
10 m/s Maximum Wind

777 SERIES 1

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	15 800																22.0
24.0	61.6	67.6	14 500 *	64.7	68.5	14 200	66.5	68.9	13 500													24.0
26.0	58.7	66.5	13 700 *	61.9	67.5	12 900	63.7	68.0	12 300													26.0
28.0	55.7	65.2	12 800	59.0	66.4	11 900	60.9	66.9	11 300													28.0
30.0	52.6	63.7	11 800	56.0	65.1	10 900	57.9	65.7	10 300	61.0	66.5	9 400										30.0
32.0	49.4	62.1	10 900	52.9	63.7	10 000	54.9	64.4	9 500	58.1	65.3	8 700										32.0
34.0	46.0	60.3	10 200	49.7	62.1	9 300	51.8	62.9	8 800	55.1	64.0	8 000										34.0
36.0	42.4	58.3	9 400	46.3	60.3	8 600	48.6	61.3	8 100	52.0	62.5	7 400	55.3	63.4	6 600							36.0
38.0	38.6	55.9	8 700	42.8	58.3	8 000	45.1	59.4	7 600	48.8	60.9	6 800	52.2	61.9	6 100							38.0
40.0	34.4	53.2	8 000	38.9	55.9	7 400	41.5	57.3	7 000	45.3	59.0	6 300	48.9	60.3	5 700	52.2	61.1	5 000				40.0
42.0	29.6	50.0	7 500	34.8	53.3	6 800	37.5	54.8	6 400	41.7	56.9	5 800	45.5	58.4	5 200	48.9	59.4	4 600				42.0
44.0	24.1	46.0	6 900	30.1	50.1	6 300	33.2	52.0	5 900	37.8	54.5	5 300	41.9	56.3	4 800	45.5	57.6	4 200				44.0
46.0	16.9	40.7	6 400	24.6	46.3	5 900	28.3	48.7	5 500	33.5	51.7	4 900	38.0	53.9	4 400	41.9	55.5	3 800	45.4	56.5	3 300	46.0
48.0				17.7	41.1	5 500	22.4	44.4	5 100	28.6	48.4	4 600	33.7	51.2	4 000	38.0	53.1	3 500	41.8	54.4	3 000	48.0
50.0							14.5	38.4	4 800	22.9	44.3	4 200	28.8	47.9	3 700	33.7	50.3	3 200	37.8	52.0	2 700	50.0
52.0										15.2	38.4	3 900	23.1	43.8	3 400	28.9	47.0	2 900	33.5	49.2	2 500	52.0
54.0													15.5	38.1	3 200	23.2	42.9	2 700	28.7	45.9	2 200	54.0
56.0																15.6	37.2	2 500	22.9	41.7	2 000	56.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 139 On Boom No. 78
47 630 kg Counterweight
360 Degree Rating

European Standards
 10 m/s Maximum Wind

777 SERIES 1

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	12 600	65.4	71.4	12 000													26.0
28.0	58.1	68.8	11 500 *	61.1	69.9	11 500	62.8	70.4	10 900													28.0
30.0	55.3	67.5	10 800 *	58.4	68.7	10 500	60.2	69.3	10 000													30.0
32.0	52.4	66.1	10 100 *	55.6	67.4	9 700	57.4	68.1	9 200	60.3	68.9	8 300										32.0
34.0	49.4	64.4	9 400 *	52.7	66.0	9 000	54.6	66.7	8 500	57.6	67.7	7 700										34.0
36.0	46.2	62.6	8 800 *	49.7	64.4	8 300	51.6	65.2	7 800	54.8	66.3	7 100										36.0
38.0	42.9	60.6	8 200 *	46.5	62.6	7 700	48.6	63.6	7 300	51.8	64.8	6 500	54.9	65.7	5 800							38.0
40.0	39.3	58.3	7 700 *	43.2	60.6	7 200	45.4	61.7	6 800	48.8	63.2	6 000	52.0	64.2	5 400							40.0
42.0	35.4	55.7	7 100 *	39.6	58.3	6 600	42.0	59.6	6 300	45.6	61.3	5 600	48.9	62.6	4 900							42.0
44.0	31.1	52.6	6 600 *	35.8	55.7	6 100	38.3	57.2	5 800	42.2	59.2	5 200	45.7	60.7	4 600	48.9	61.7	4 000				44.0
46.0	26.2	49.0	6 300 *	31.5	52.7	5 700	34.3	54.5	5 300	38.6	56.9	4 700	42.3	58.7	4 200	45.7	59.9	3 600				46.0
48.0	20.3	44.3	5 900	26.7	49.1	5 300	29.9	51.3	4 900	34.6	54.2	4 400	38.7	56.3	3 800	42.4	57.8	3 300	45.6	58.8	2 800	48.0
50.0	11.8	37.3	5 300	20.9	44.6	4 900	24.8	47.5	4 600	30.2	51.1	4 000	34.8	53.6	3 500	38.7	55.5	3 000	42.2	56.7	2 500	50.0
52.0							18.4	42.4	4 200	25.2	47.2	3 700	30.4	50.5	3 200	34.8	52.8	2 700	38.6	54.3	2 200	52.0
54.0										18.9	42.3	3 400	25.4	46.7	3 000	30.5	49.7	2 500	34.7	51.7	2 000	54.0
56.0										9.3	34.4	3 200	19.2	41.9	2 700	25.5	45.9	2 300	30.3	48.5	1 800	56.0
58.0																19.3	41.0	2 100				58.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 139 On Boom No. 78

47 630 kg Counterweight

360 Degree Rating

European Standards
10 m/s Maximum Wind

777 SERIES 1

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	8 100										32.0
34.0	52.2	68.4	7 300 *	55.2	69.8	7 800 *	56.9	70.4	8 300	59.7	71.2	7 400										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	6 800										36.0
38.0	46.4	64.9	6 600 *	49.6	66.7	7 000 *	51.5	67.5	7 000	54.4	68.6	6 300										38.0
40.0	43.2	62.9	6 300 *	46.7	64.9	6 700 *	48.6	65.9	6 500	51.7	67.1	5 800	54.6	68.0	5 100							40.0
42.0	39.9	60.6	6 000 *	43.5	62.9	6 400 *	45.6	64.0	6 100	48.8	65.5	5 300	51.8	66.5	4 700							42.0
44.0	36.3	58.1	5 700 *	40.2	60.7	6 000	42.4	61.9	5 600	45.8	63.6	5 000	48.9	64.9	4 300							44.0
46.0	32.4	55.2	5 300 *	36.7	58.1	5 500	39.0	59.6	5 200	42.6	61.6	4 600	45.9	63.0	4 000	48.9	64.0	3 400				46.0
48.0	28.0	51.7	4 900 *	32.8	55.3	5 100	35.3	57.0	4 800	39.2	59.3	4 200	42.8	61.0	3 700	45.9	62.2	3 100				48.0
50.0	22.9	47.5	4 400 *	28.4	51.9	4 800	31.3	53.9	4 400	35.6	56.7	3 900	39.4	58.7	3 300	42.8	60.1	2 800	45.8	61.1	2 300	50.0
52.0	16.3	41.9	3 900 *	23.4	47.8	4 400	26.8	50.3	4 100	31.6	53.6	3 600	35.8	56.1	3 100	39.4	57.8	2 600	42.7	59.0	2 100	52.0
54.0				17.0	42.3	4 000 *	21.3	45.8	3 800	27.1	50.1	3 300	31.8	53.1	2 800	35.8	55.2	2 300	39.3	56.7	1 900	54.0
56.0							14.1	39.6	3 500	21.7	45.7	3 000	27.3	49.6	2 500	31.8	52.3	2 100				56.0
58.0										14.7	39.6	2 800	22.0	45.2	2 300	27.3	48.7	1 900				58.0
60.0													15.0	39.2	2 100							60.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 139 On Boom No. 78
47 630 kg Counterweight
360 Degree Rating

European Standards
10 m/s Maximum Wind

777 SERIES 1

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	43 400 b																			10.0
12.0	63.1	49.5	36 200 b																			12.0
14.0	56.9	48.3	31 100	64.5	49.5	28 900 b																14.0
16.0	50.3	46.9	27 100	58.4	48.4	25 200	62.9	49.0	24 200 b													16.0
18.0	42.9	45.0	24 100	51.8	47.0	22 300	56.6	47.8	21 300													18.0
20.0	34.2	42.5	21 600	44.6	45.2	20 000	49.9	46.3	19 000	57.9	47.5	17 600										20.0
22.0	23.0	38.8	19 500	36.3	42.9	18 000	42.5	44.4	17 200	51.3	46.1	15 800										22.0
24.0				25.9	39.6	16 300	33.8	41.9	15 600	44.0	44.3	14 400	52.4	45.6	13 200							24.0
26.0							22.3	38.1	14 000	35.6	41.9	12 900	45.3	43.8	11 900							26.0
28.0										25.0	38.4	11 700	37.1	41.6	10 700	46.3	43.1	9 800				28.0
30.0													27.0	38.4	9 700	38.3	40.9	8 900				30.0
32.0													10.1	32.4	8 900	28.5	37.9	8 100	39.0	40.0	7 300	32.0
34.0																			29.4	37.0	6 700	34.0
36.0																			15.3	32.2	6 100	36.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 139 On Boom No. 78

47 630 kg Counterweight

360 Degree Rating

European Standards
10 m/s Maximum Wind

777 SERIES 1

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	41 000 b																			10.0
12.0	66.7	52.8	35 400																			12.0
14.0	61.5	51.9	30 300	67.9	52.8	28 200 b																14.0
16.0	56.0	50.7	26 400	62.7	51.9	24 600																16.0
18.0	50.1	49.2	23 400	57.2	50.7	21 700	61.2	51.4	20 800													18.0
20.0	43.7	47.3	21 000	51.5	49.3	19 400	55.7	50.1	18 500	62.3	51.0	17 100										20.0
22.0	36.3	44.9	19 000	45.2	47.5	17 500	49.8	48.6	16 700	56.8	49.8	15 300										22.0
24.0	27.4	41.7	17 200	38.1	45.3	16 000	43.3	46.7	15 200	51.0	48.4	13 900										24.0
26.0				29.6	42.3	14 400	36.0	44.3	13 800	44.7	46.6	12 700	52.0	47.9	11 600							26.0
28.0				18.0	37.8	13 100	27.0	41.0	12 500	37.5	44.3	11 500	45.8	46.1	10 500							28.0
30.0							13.2	35.6	11 300	28.9	41.2	10 400	38.8	43.9	9 500	46.6	45.4	8 600				30.0
32.0										16.8	36.5	9 500	30.5	41.1	8 600	39.8	43.3	7 800	47.2	44.4	7 000	32.0
34.0													19.4	36.8	7 900	31.7	40.5	7 100	40.4	42.3	6 400	34.0
36.0																21.1	36.5	6 500	32.4	39.6	5 800	36.0
38.0																			22.2	35.8	5 300	38.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 139 On Boom No. 78

47 630 kg Counterweight

360 Degree Rating

European Standards
10 m/s Maximum Wind

777 SERIES 1

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.	Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	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	34 500																			12.0
14.0	64.9	55.3	29 800																			14.0
16.0	60.2	54.3	26 000	65.9	55.3	24 200																16.0
18.0	55.2	53.0	23 000	61.3	54.3	21 400	64.7	54.8	20 400													18.0
20.0	50.0	51.5	20 700	56.4	53.1	19 100	60.0	53.7	18 200													20.0
22.0	44.3	49.6	18 700	51.2	51.6	17 200	55.0	52.5	16 400	60.9	53.4	15 100										22.0
24.0	37.9	47.3	17 000	45.6	49.8	15 700	49.7	50.9	14 900	56.0	52.2	13 700										24.0
26.0	30.5	44.4	15 600	39.4	47.7	14 400	44.0	49.1	13 600	50.8	50.7	12 500	56.8	51.6	11 400							26.0
28.0	20.8	40.2	14 100	32.3	44.9	13 100	37.6	46.7	12 400	45.2	48.9	11 400	51.7	50.2	10 400							28.0
30.0				23.3	41.1	11 900	30.1	43.7	11 300	38.9	46.7	10 400	46.1	48.5	9 500							30.0
32.0				7.6	33.9	10 900	20.3	39.5	10 300	31.7	43.8	9 500	40.0	46.3	8 600	46.9	47.7	7 800				32.0
34.0										22.5	39.9	8 700	33.0	43.6	7 900	40.9	45.7	7 100				34.0
36.0													24.3	40.0	7 200	34.0	43.0	6 500	41.4	44.7	5 800	36.0
38.0													10.1	33.5	6 600	25.6	39.5	6 000	34.6	42.1	5 300	38.0
40.0																			26.4	38.7	4 800	40.0
42.0																			14.3	33.3	4 500	42.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 139 On Boom No. 78

47 630 kg Counterweight

360 Degree Rating

European Standards
10 m/s Maximum Wind

777 SERIES 1

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	29 100																			14.0
16.0	63.4	57.7	25 400	68.5	58.6	23 600																16.0
18.0	59.1	56.6	22 500	64.4	57.7	20 800																18.0
20.0	54.6	55.3	20 200	60.1	56.7	18 600	63.2	57.2	17 700													20.0
22.0	49.9	53.8	18 200	55.7	55.4	16 800	58.9	56.1	16 000													22.0
24.0	44.8	51.9	16 600	51.0	53.9	15 200	54.4	54.8	14 500	59.8	55.8	13 300										24.0
26.0	39.1	49.7	15 200	46.0	52.1	13 900	49.6	53.2	13 200	55.3	54.5	12 100										26.0
28.0	32.7	46.9	13 900	40.5	50.0	12 800	44.5	51.4	12 100	50.6	53.0	11 000	56.1	54.0	10 000							28.0
30.0	24.9	43.3	12 700	34.3	47.4	11 700	38.9	49.1	11 100	45.6	51.2	10 100	51.4	52.5	9 200							30.0
32.0	13.5	37.6	11 600	26.9	44.0	10 700	32.4	46.3	10 200	40.0	49.0	9 300	46.4	50.8	8 400	52.0	51.7	7 500				32.0
34.0				16.7	39.0	9 800	24.5	42.6	9 300	33.8	46.4	8 400	41.0	48.7	7 600	47.1	50.0	6 800				34.0
36.0							12.7	36.7	8 500	26.2	42.9	7 800	34.9	46.1	7 000	41.7	48.0	6 200				36.0
38.0										15.7	37.7	7 100	27.6	42.8	6 400	35.7	45.5	5 700	42.2	47.0	5 000	38.0
40.0													17.9	38.0	5 900	28.7	42.3	5 200	36.3	44.6	4 600	40.0
42.0																19.4	37.8	4 800	29.3	41.5	4 200	42.0
44.0																			20.3	37.1	3 800	44.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 139 On Boom No. 78
47 630 kg Counterweight
360 Degree Rating

European Standards
10 m/s Maximum Wind

777 SERIES 1

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	28 700																			14.0
16.0	66.0	61.1	25 000																			16.0
18.0	62.2	60.1	22 100	66.8	61.1	20 500																18.0
20.0	58.3	59.0	19 800	63.1	60.1	18 300	65.8	60.6	17 400													20.0
22.0	54.1	57.6	17 900	59.2	59.0	16 500	62.0	59.6	15 700													22.0
24.0	49.8	56.1	16 200	55.1	57.7	15 000	58.1	58.4	14 200													24.0
26.0	45.2	54.2	14 900	50.8	56.2	13 700	53.9	57.1	13 000	58.9	58.1	11 800										26.0
28.0	40.1	52.1	13 700	46.2	54.4	12 500	49.6	55.5	11 900	54.8	56.8	10 800										28.0
30.0	34.5	49.4	12 600	41.3	52.4	11 600	44.9	53.7	11 000	50.5	55.3	9 900	55.5	56.3	9 000							30.0
32.0	27.9	46.1	11 600	35.8	49.8	10 600	39.9	51.5	10 100	45.9	53.5	9 200	51.2	54.8	8 300							32.0
34.0	19.3	41.5	10 600	29.5	46.7	9 700	34.2	48.8	9 200	40.9	51.4	8 400	46.7	53.1	7 500	51.8	54.0	6 700				34.0
36.0				21.5	42.5	9 000	27.5	45.5	8 500	35.4	48.8	7 700	41.8	51.0	6 900	47.3	52.3	6 200				36.0
38.0				8.1	35.0	8 300	18.8	40.8	7 800	28.9	45.7	7 100	36.3	48.5	6 300	42.4	50.3	5 600				38.0
40.0										20.8	41.3	6 600	30.1	45.5	5 800	37.1	47.9	5 200	42.9	49.4	4 500	40.0
42.0													22.4	41.4	5 400	31.0	45.0	4 700	37.6	47.0	4 100	42.0
44.0													10.1	34.6	5 000	23.5	41.1	4 400	31.5	44.1	3 800	44.0
46.0																			24.2	40.3	3 400	46.0
48.0																			13.7	34.5	3 200	48.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 139 On Boom No. 78

47 630 kg Counterweight

360 Degree Rating

European Standards
10 m/s Maximum Wind

777 SERIES 1

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	24 500																			16.0
18.0	64.7	63.5	21 600	68.9	64.3	20 000																18.0
20.0	61.2	62.5	19 400	65.5	63.5	17 800																20.0
22.0	57.5	61.3	17 500	62.0	62.5	16 000	64.5	63.0	15 300													22.0
24.0	53.7	59.9	15 800	58.4	61.4	14 500	61.0	62.0	13 800													24.0
26.0	49.7	58.4	14 500	54.6	60.0	13 300	57.3	60.8	12 600	61.7	61.6	11 400										26.0
28.0	45.5	56.5	13 300	50.6	58.5	12 200	53.5	59.4	11 500	58.1	60.5	10 400										28.0
30.0	40.9	54.4	12 300	46.5	56.7	11 200	49.5	57.8	10 600	54.3	59.1	9 600										30.0
32.0	35.9	51.9	11 400	42.0	54.7	10 400	45.3	56.0	9 700	50.3	57.6	8 800	54.9	58.6	7 900							32.0
34.0	30.1	48.8	10 400	37.1	52.3	9 600	40.7	53.8	9 000	46.1	55.8	8 100	51.0	57.1	7 300							34.0
36.0	23.1	44.8	9 600	31.5	49.3	8 800	35.6	51.3	8 300	41.6	53.7	7 500	46.9	55.4	6 700							36.0
38.0	13.0	38.7	8 900	24.8	45.6	8 100	29.8	48.2	7 600	36.7	51.3	6 900	42.4	53.3	6 100	47.4	54.6	5 400				38.0
40.0				15.8	40.2	7 500	22.7	44.1	7 100	31.0	48.3	6 300	37.5	51.0	5 600	43.0	52.7	4 900				40.0
42.0							12.3	37.8	6 500	24.3	44.5	5 800	32.0	48.1	5 200	38.2	50.3	4 500	43.4	51.7	3 900	42.0
44.0										14.9	38.9	5 400	25.5	44.4	4 800	32.8	47.5	4 100	38.6	49.4	3 500	44.0
46.0													16.8	39.3	4 400	26.5	44.0	3 800	33.3	46.6	3 200	46.0
48.0																18.2	39.1	3 500	27.0	43.2	2 900	48.0
50.0																			19.0	38.5	2 700	50.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 139 On Boom No. 78
47 630 kg Counterweight
360 Degree Rating

European Standards
 10 m/s Maximum Wind

777 SERIES 1

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.	Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	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	19 100	67.5	66.8	17 600																20.0
22.0	60.3	64.9	17 200	64.3	65.9	15 900	66.6	66.4	15 100													22.0
24.0	56.9	63.6	15 700	61.0	64.9	14 400	63.4	65.4	13 600													24.0
26.0	53.4	62.3	14 300	57.7	63.7	13 100	60.1	64.4	12 400													26.0
28.0	49.7	60.7	13 200	54.2	62.4	12 000	56.7	63.1	11 400	60.8	64.0	10 300										28.0
30.0	45.8	58.8	12 100	50.5	60.8	11 100	53.2	61.7	10 500	57.4	62.8	9 500										30.0
32.0	41.6	56.7	11 200	46.7	59.1	10 200	49.5	60.1	9 700	53.9	61.5	8 700	58.0	62.3	7 800							32.0
34.0	37.0	54.3	10 500	42.5	57.0	9 500	45.6	58.3	9 000	50.2	59.9	8 100	54.5	60.9	7 200							34.0
36.0	31.9	51.4	9 600	38.1	54.7	8 800	41.4	56.2	8 300	46.4	58.1	7 400	50.9	59.4	6 600							36.0
38.0	25.9	47.8	8 900	33.1	51.9	8 100	36.8	53.7	7 600	42.2	56.1	6 900	47.0	57.7	6 100							38.0
40.0	18.2	42.8	8 200	27.4	48.4	7 500	31.6	50.8	7 100	37.7	53.7	6 300	42.9	55.7	5 600	47.5	56.9	4 900				40.0
42.0				20.2	43.9	6 900	25.6	47.1	6 500	32.7	50.8	5 800	38.5	53.3	5 200	43.5	55.0	4 500				42.0
44.0				8.5	36.1	6 500	17.8	42.1	6 100	26.9	47.4	5 400	33.6	50.6	4 800	39.1	52.7	4 100	43.8	54.0	3 500	44.0
46.0										19.5	42.7	5 000	27.9	47.2	4 400	34.3	50.0	3 800	39.5	51.7	3 200	46.0
48.0													20.9	42.8	4 000	28.7	46.8	3 500	34.7	49.1	2 900	48.0
50.0													10.1	35.6	3 700	22.0	42.5	3 200	29.2	45.9	2 700	50.0
52.0																			22.6	41.8	2 400	52.0
54.0																			13.2	35.6	2 200	54.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 139 On Boom No. 78
47 630 kg Counterweight
360 Degree Rating

European Standards
10 m/s Maximum Wind

777 SERIES 1

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	17 200																20.0
22.0	62.6	68.3	16 700	66.2	69.3	15 500																22.0
24.0	59.5	67.2	15 300	63.3	68.3	14 000	65.4	68.8	13 300													24.0
26.0	56.4	66.0	14 000	60.2	67.3	12 800	62.5	67.8	12 100													26.0
28.0	53.1	64.6	12 800	57.1	66.1	11 700	59.4	66.7	11 000													28.0
30.0	49.6	63.0	11 800	53.8	64.7	10 700	56.2	65.5	10 100	60.0	66.4	9 100										30.0
32.0	46.0	61.1	10 900	50.4	63.1	9 900	52.9	64.0	9 300	56.8	65.2	8 400										32.0
34.0	42.1	59.1	10 100	46.8	61.4	9 200	49.5	62.4	8 600	53.6	63.8	7 700										34.0
36.0	38.0	56.7	9 400	43.0	59.4	8 500	45.8	60.6	8 000	50.2	62.2	7 100	54.1	63.3	6 300							36.0
38.0	33.4	53.9	8 700	38.9	57.0	7 900	42.0	58.5	7 400	46.6	60.4	6 600	50.7	61.7	5 800							38.0
40.0	28.1	50.6	8 100	34.4	54.4	7 300	37.8	56.1	6 900	42.7	58.4	6 100	47.2	60.0	5 400	51.2	61.0	4 600				40.0
42.0	21.7	46.3	7 500	29.4	51.2	6 800	33.1	53.3	6 300	38.6	56.1	5 600	43.4	58.0	4 900	47.6	59.2	4 200				42.0
44.0	12.6	39.8	6 900	23.3	47.1	6 300	27.8	49.9	5 800	34.1	53.4	5 200	39.3	55.7	4 500	43.9	57.3	3 900				44.0
46.0				15.1	41.4	5 800	21.4	45.6	5 400	28.9	50.1	4 800	34.9	53.1	4 200	39.9	55.1	3 500	44.2	56.3	2 900	46.0
48.0							12.0	38.9	5 100	22.8	46.0	4 400	29.9	49.9	3 800	35.5	52.5	3 200	40.2	54.1	2 700	48.0
50.0										14.3	40.0	4 100	23.9	46.0	3 500	30.6	49.4	2 900	35.9	51.6	2 400	50.0
52.0													16.1	40.5	3 200	24.8	45.6	2 700	31.0	48.5	2 200	52.0
54.0																17.3	40.4	2 500	25.3	44.8	2 000	54.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 139 On Boom No. 78
47 630 kg Counterweight
360 Degree Rating

European Standards
10 m/s Maximum Wind

777 SERIES 1

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	16 100																20.0
22.0	64.6	71.7	15 500 *	67.9	72.6	15 300																22.0
24.0	61.8	70.7	14 500 *	65.2	71.7	13 800																24.0
26.0	58.9	69.6	13 600	62.4	70.7	12 500	64.4	71.2	11 800													26.0
28.0	55.9	68.3	12 600	59.5	69.6	11 500	61.6	70.2	10 800													28.0
30.0	52.8	66.9	11 600	56.6	68.4	10 500	58.7	69.1	9 900													30.0
32.0	49.6	65.3	10 700	53.5	67.0	9 700	55.7	67.8	9 100	59.3	68.8	8 200										32.0
34.0	46.2	63.5	9 900	50.3	65.4	9 000	52.7	66.3	8 400	56.3	67.5	7 500										34.0
36.0	42.6	61.4	9 300	47.0	63.7	8 300	49.4	64.7	7 800	53.3	66.1	6 900										36.0
38.0	38.8	59.1	8 600	43.5	61.7	7 700	46.0	62.9	7 200	50.1	64.5	6 400	53.8	65.6	5 600							38.0
40.0	34.6	56.4	8 000	39.7	59.4	7 200	42.4	60.9	6 800	46.7	62.7	5 900	50.6	64.0	5 200							40.0
42.0	29.9	53.2	7 400	35.6	56.8	6 700	38.6	58.5	6 300	43.2	60.7	5 500	47.3	62.3	4 800	51.0	63.3	4 100				42.0
44.0	24.4	49.3	6 900	31.0	53.8	6 200	34.4	55.8	5 800	39.4	58.4	5 100	43.8	60.3	4 400	47.7	61.5	3 800				44.0
46.0	17.4	44.1	6 400	25.7	50.1	5 700	29.6	52.6	5 300	35.2	55.8	4 700	40.0	58.1	4 100	44.3	59.6	3 400				46.0
48.0				19.1	45.2	5 300	24.1	48.7	5 000	30.6	52.7	4 400	36.0	55.5	3 700	40.5	57.4	3 100	44.6	58.6	2 600	48.0
50.0				8.7	37.2	5 000	16.9	43.3	4 600	25.3	49.0	4 000	31.4	52.5	3 400	36.5	54.9	2 900	40.9	56.5	2 300	50.0
52.0										18.6	44.0	3 700	26.2	48.9	3 100	32.1	52.0	2 600	36.9	54.0	2 100	52.0
54.0													19.8	44.2	2 900	27.0	48.4	2 400	32.5	51.1	1 900	54.0
56.0													10.1	36.7	2 700	20.8	43.9	2 200				56.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 139 On Boom No. 78

47 630 kg Counterweight

360 Degree Rating

European Standards
10 m/s Maximum Wind

777 SERIES 1

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			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
15.2	74.7	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	13 200													24.0
26.0	61.0	73.1	12 300 *	64.2	74.2	12 200	66.1	74.6	11 500										26.0
28.0	58.3	71.9	11 600 *	61.6	73.1	11 100	63.5	73.7	10 500										28.0
30.0	55.5	70.6	10 800 *	58.9	72.0	10 200	60.9	72.6	9 600										30.0
32.0	52.6	69.2	10 100 *	56.1	70.7	9 400	58.1	71.4	8 800	61.4	72.3	7 900							32.0
34.0	49.6	67.6	9 500 *	53.2	69.3	8 700	55.3	70.1	8 100	58.7	71.1	7 200							34.0
36.0	46.4	65.8	8 800 *	50.2	67.7	8 000	52.4	68.7	7 500	55.9	69.8	6 600							36.0
38.0	43.0	63.7	8 200 *	47.1	66.0	7 500	49.4	67.0	7 000	53.0	68.4	6 100							38.0
40.0	39.5	61.5	7 700 *	43.8	64.0	6 900	46.2	65.2	6 400	50.0	66.8	5 700	53.5	67.9	4 900				40.0
42.0	35.6	58.9	7 200 *	40.3	61.8	6 500	42.9	63.2	6 000	46.9	65.0	5 200	50.5	66.3	4 500				42.0
44.0	31.4	55.8	6 700 *	36.5	59.3	6 000	39.3	60.9	5 600	43.6	63.0	4 800	47.4	64.6	4 200	50.9	65.6	3 500	44.0
46.0	26.5	52.2	6 200	32.4	56.3	5 600	35.4	58.3	5 200	40.0	60.8	4 500	44.1	62.6	3 800	47.8	63.8	3 200	46.0
48.0	20.6	47.6	5 800	27.7	52.9	5 200	31.2	55.2	4 800	36.2	58.3	4 200	40.6	60.4	3 500	44.6	61.9	2 900	48.0
50.0	12.4	40.9	5 300	22.1	48.6	4 800	26.3	51.6	4 400	32.0	55.3	3 800	36.9	57.9	3 200	41.1	59.8	2 700	50.0
52.0				14.6	42.5	4 500	20.3	46.9	4 100	27.3	51.8	3 500	32.8	55.1	3 000	37.4	57.3	2 400	52.0
54.0							11.8	40.0	3 800	21.6	47.4	3 300	28.1	51.7	2 700	33.3	54.5	2 200	54.0
56.0										13.9	41.1	3 000	22.7	47.5	2 500	28.8	51.2	1 900	56.0
58.0													15.4	41.7	2 300				58.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 139 On Boom No. 78
47 630 kg Counterweight
360 Degree Rating

European Standards
10 m/s Maximum Wind

777 SERIES 1

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			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
15.2	75.6	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	8 500										32.0
34.0	52.4	71.5	7 300 *	55.7	73.0	7 800 *	57.6	73.8	7 900	60.7	74.6	7 000							34.0
36.0	49.5	69.9	6 900 *	53.0	71.6	7 400 *	55.0	72.4	7 200	58.2	73.5	6 400							36.0
38.0	46.5	68.1	6 600 *	50.2	70.0	7 000 *	52.2	71.0	6 700	55.5	72.1	5 900							38.0
40.0	43.4	66.1	6 300 *	47.2	68.3	6 700	49.4	69.3	6 200	52.8	70.7	5 400	56.0	71.6	4 700				40.0
42.0	40.1	63.8	6 100 *	44.1	66.3	6 200	46.4	67.5	5 800	49.9	69.1	5 000	53.2	70.2	4 300				42.0
44.0	36.5	61.3	5 700 *	40.9	64.1	5 800	43.3	65.5	5 300	47.0	67.3	4 600	50.4	68.6	3 900				44.0
46.0	32.6	58.4	5 300 *	37.3	61.7	5 400	39.9	63.3	5 000	43.9	65.4	4 300	47.5	66.9	3 600	50.8	67.9	2 900	46.0
48.0	28.3	55.0	5 000 *	33.5	58.9	5 000	36.3	60.7	4 600	40.6	63.2	3 900	44.4	64.9	3 300	47.9	66.1	2 700	48.0
50.0	23.2	50.8	4 400 *	29.3	55.6	4 600	32.4	57.8	4 300	37.1	60.7	3 700	41.2	62.8	3 000	44.8	64.2	2 400	50.0
52.0	16.7	45.3	4 000 *	24.4	51.6	4 300	28.0	54.4	4 000	33.2	57.8	3 400	37.7	60.3	2 700	41.6	62.1	2 200	52.0
54.0				18.3	46.5	4 000	22.9	50.2	3 700	28.9	54.5	3 100	33.9	57.6	2 600	38.2	59.7	2 000	54.0
56.0				8.9	38.3	3 700 *	16.3	44.5	3 400	24.0	50.5	2 900	29.7	54.4	2 300				56.0
58.0										17.8	45.3	2 600	24.9	50.5	2 100				58.0
60.0													19.0	45.5	1 900				60.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 139 On Boom No. 78

47 630 kg Counterweight

360 Degree Rating

European Standards
10 m/s Maximum Wind

777 SERIES 1

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	39 600 b																			10.7
12.0	63.5	52.6	35 400 b																			12.0
14.0	57.3	51.4	30 400	65.6	52.7	28 100 b																14.0
16.0	50.6	50.0	26 600	59.5	51.6	24 500 b	64.4	52.2	23 300 b													16.0
18.0	43.3	48.1	23 600	53.1	50.3	21 700	58.3	51.2	20 600													18.0
20.0	34.7	45.7	21 200	46.0	48.6	19 400	51.8	49.8	18 400	60.4	50.9	16 800 b										20.0
22.0	23.7	42.1	19 300	38.0	46.4	17 600	44.5	48.0	16 600	54.0	49.6	15 100										22.0
24.0				28.1	43.3	16 000	36.3	45.6	15 100	47.0	48.0	13 700										24.0
26.0							25.8	42.3	13 800	39.1	45.8	12 500	49.1	47.7	11 300							26.0
28.0										29.6	42.9	11 400	41.6	45.7	10 300	50.9	47.0	9 200				28.0
30.0										15.6	38.1	10 300	32.7	43.0	9 300	43.6	45.2	8 300				30.0
32.0													20.7	39.1	8 500	35.1	42.7	7 600	45.1	44.3	6 700	32.0
34.0																24.2	39.2	6 900	36.9	42.0	6 100	34.0
36.0																			26.7	38.8	5 500	36.0
38.0																			9.3	32.6	5 100	38.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 139 On Boom No. 78

47 630 kg Counterweight

360 Degree Rating

European Standards
10 m/s Maximum Wind

777 SERIES 1

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	38 600 b																			10.7
12.0	67.0	55.9	34 600 b																			12.0
14.0	61.8	55.0	29 600	68.8	56.0	27 400 b																14.0
16.0	56.3	53.8	25 900	63.7	55.1	23 800 b																16.0
18.0	50.4	52.3	23 000	58.3	54.0	21 100	62.6	54.7	20 000													18.0
20.0	44.0	50.4	20 600	52.6	52.6	18 900	57.2	53.5	17 900													20.0
22.0	36.8	48.1	18 700	46.4	50.9	17 000	51.4	52.1	16 100	59.0	53.3	14 700										22.0
24.0	28.0	44.9	17 000	39.5	48.8	15 500	45.1	50.3	14 600	53.4	51.9	13 300										24.0
26.0				31.4	45.9	14 200	38.0	48.0	13 400	47.2	50.3	12 100	55.1	51.5	10 800							26.0
28.0				20.6	41.8	12 900	29.6	45.0	12 300	40.5	48.2	11 100	49.1	50.0	9 900							28.0
30.0							17.9	40.5	11 100	32.6	45.5	10 100	42.5	48.0	9 100							30.0
32.0										22.3	41.7	9 200	35.0	45.5	8 200	44.3	47.5	7 300				32.0
34.0													25.7	42.1	7 500	37.1	45.2	6 700	45.6	46.6	5 800	34.0
36.0																28.4	42.1	6 100	38.6	44.4	5 300	36.0
38.0																15.8	37.1	5 600	30.3	41.5	4 800	38.0
40.0																			19.0	37.1	4 400	40.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 139 On Boom No. 78

47 630 kg Counterweight

360 Degree Rating

European Standards
10 m/s Maximum Wind

777 SERIES 1

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	33 800 b																			12.0
14.0	65.1	58.4	29 200																			14.0
16.0	60.4	57.4	25 500	66.8	58.5	23 500																16.0
18.0	55.5	56.1	22 600	62.1	57.5	20 700																18.0
20.0	50.3	54.6	20 300	57.3	56.3	18 600	61.2	57.0	17 600													20.0
22.0	44.6	52.8	18 400	52.2	54.9	16 800	56.3	55.8	15 900													22.0
24.0	38.3	50.5	16 700	46.7	53.2	15 200	51.2	54.4	14 400	58.0	55.6	13 000										24.0
26.0	30.9	47.6	15 400	40.6	51.1	14 000	45.6	52.6	13 100	52.9	54.3	11 900										26.0
28.0	21.4	43.5	14 100	33.7	48.5	12 900	39.4	50.4	12 100	47.4	52.6	10 900	54.4	53.8	9 700							28.0
30.0				25.2	44.9	11 800	32.2	47.6	11 100	41.5	50.6	10 000	49.1	52.3	8 900							30.0
32.0				12.1	39.0	10 700	23.2	43.8	10 200	34.7	48.0	9 200	43.3	50.4	8 200	50.5	51.6	7 300				32.0
34.0										26.5	44.6	8 400	36.8	48.0	7 500	44.8	49.8	6 600				34.0
36.0										14.5	39.3	7 700	29.1	44.9	6 900	38.5	47.6	6 000				36.0
38.0													18.8	40.4	6 300	31.2	44.7	5 500	39.9	46.8	4 800	38.0
40.0																21.9	40.7	5 100	32.8	44.1	4 400	40.0
42.0																			24.0	40.4	4 000	42.0
44.0																			9.5	33.7	3 700	44.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 139 On Boom No. 78
47 630 kg Counterweight
360 Degree Rating

European Standards
10 m/s Maximum Wind

777 SERIES 1

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.	Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	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	28 400																			14.0
16.0	63.6	60.8	24 900	69.2	61.8	22 900																16.0
18.0	59.4	59.7	22 100	65.1	60.9	20 200																18.0
20.0	54.9	58.4	19 800	60.9	59.9	18 100	64.3	60.5	17 100													20.0
22.0	50.1	56.9	17 900	56.5	58.7	16 300	60.1	59.4	15 400													22.0
24.0	45.1	55.1	16 300	51.9	57.2	14 800	55.6	58.2	13 900													24.0
26.0	39.5	52.9	14 900	46.9	55.5	13 500	50.9	56.7	12 700	57.1	58.0	11 500										26.0
28.0	33.1	50.1	13 700	41.5	53.5	12 400	45.9	54.9	11 700	52.5	56.6	10 500										28.0
30.0	25.4	46.6	12 700	35.5	50.9	11 500	40.4	52.8	10 700	47.6	54.9	9 600	53.9	56.2	8 600							30.0
32.0	14.3	41.0	11 600	28.4	47.7	10 600	34.2	50.1	10 000	42.3	52.9	8 900	49.1	54.6	7 800							32.0
34.0				19.0	43.2	9 700	26.8	46.7	9 100	36.3	50.4	8 200	43.9	52.7	7 200	50.3	53.9	6 300				34.0
36.0							16.6	41.7	8 400	29.4	47.3	7 500	38.2	50.4	6 600	45.2	52.1	5 800				36.0
38.0										20.5	43.0	6 900	31.6	47.5	6 100	39.7	49.9	5 300				38.0
40.0													23.4	43.7	5 600	33.4	47.2	4 800	40.9	49.1	4 100	40.0
42.0																25.7	43.7	4 400	34.7	46.5	3 700	42.0
44.0																14.9	38.3	4 100	27.4	43.2	3 400	44.0
46.0																			17.6	38.4	3 100	46.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 139 On Boom No. 78

47 630 kg Counterweight

360 Degree Rating

European Standards
10 m/s Maximum Wind

777 SERIES 1

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	28 000																			14.0
16.0	66.2	64.2	24 500																			16.0
18.0	62.4	63.2	21 700	67.5	64.2	19 900																18.0
20.0	58.5	62.1	19 400	63.8	63.3	17 800	66.8	63.8	16 800													20.0
22.0	54.4	60.7	17 600	59.9	62.3	16 000	63.0	62.9	15 100													22.0
24.0	50.0	59.2	16 000	55.9	61.0	14 500	59.1	61.8	13 700													24.0
26.0	45.4	57.4	14 600	51.6	59.5	13 300	55.1	60.5	12 500	60.4	61.5	11 200										26.0
28.0	40.4	55.2	13 500	47.1	57.8	12 200	50.8	59.0	11 500	56.4	60.3	10 300										28.0
30.0	34.8	52.6	12 500	42.2	55.8	11 300	46.2	57.2	10 500	52.2	58.9	9 400										30.0
32.0	28.3	49.4	11 600	36.9	53.4	10 400	41.3	55.1	9 700	47.7	57.2	8 700	53.5	58.5	7 700							32.0
34.0	19.9	44.9	10 600	30.7	50.4	9 700	35.8	52.6	9 000	42.9	55.2	8 000	49.1	56.9	7 100							34.0
36.0				23.2	46.5	8 900	29.4	49.5	8 300	37.6	52.9	7 400	44.4	55.0	6 500	50.2	56.2	5 700				36.0
38.0				11.8	40.1	8 200	21.4	45.3	7 700	31.6	50.0	6 800	39.2	52.8	6 000	45.6	54.4	5 200				38.0
40.0										24.3	46.2	6 300	33.5	50.0	5 500	40.6	52.3	4 700	46.6	53.5	4 000	40.0
42.0										13.8	40.4	5 800	26.7	46.6	5 100	35.0	49.7	4 400	41.6	51.5	3 700	42.0
44.0													17.6	41.7	4 700	28.5	46.5	4 000	36.2	49.0	3 300	44.0
46.0																20.2	42.1	3 700	29.9	45.9	3 000	46.0
48.0																			22.1	41.8	2 800	48.0
50.0																			9.6	34.8	2 600	50.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 139 On Boom No. 78

47 630 kg Counterweight

360 Degree Rating

European Standards
10 m/s Maximum Wind

777 SERIES 1

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.	Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity kg	
12.2	74.6	68.8	27 800 *																			12.2
14.0	71.6	68.2	26 500																			14.0
16.0	68.3	67.5	24 000																			16.0
18.0	64.9	66.6	21 200																			18.0
20.0	61.4	65.6	19 000	66.1	66.7	17 300																20.0
22.0	57.7	64.4	17 100	62.6	65.7	15 600	65.4	66.3	14 700													22.0
24.0	53.9	63.1	15 600	59.0	64.6	14 100	61.9	65.3	13 300													24.0
26.0	50.0	61.5	14 200	55.3	63.3	12 900	58.3	64.1	12 100													26.0
28.0	45.7	59.7	13 100	51.4	61.8	11 800	54.6	62.8	11 100	59.5	63.9	9 900										28.0
30.0	41.2	57.6	12 100	47.3	60.1	10 900	50.6	61.3	10 200	55.8	62.6	9 100										30.0
32.0	36.2	55.1	11 200	42.8	58.1	10 100	46.4	59.5	9 400	51.9	61.2	8 300	56.9	62.2	7 300							32.0
34.0	30.4	52.0	10 400	38.0	55.8	9 400	41.9	57.4	8 700	47.8	59.5	7 700	53.1	60.8	6 700							34.0
36.0	23.5	48.1	9 600	32.6	53.0	8 700	37.0	55.0	8 100	43.5	57.5	7 100	49.1	59.2	6 200							36.0
38.0	13.7	42.2	8 900	26.2	49.4	8 000	31.4	52.1	7 500	38.7	55.2	6 600	44.8	57.3	5 700	50.1	58.5	4 900				38.0
40.0				17.8	44.5	7 400	24.8	48.3	6 900	33.3	52.5	6 100	40.1	55.1	5 300	45.9	56.7	4 500				40.0
42.0							15.7	42.9	6 400	27.1	49.1	5 600	35.0	52.5	4 900	41.3	54.6	4 100				42.0
44.0										19.1	44.4	5 200	29.1	49.3	4 400	36.4	52.2	3 700	42.3	53.8	3 100	44.0
46.0													21.8	45.1	4 100	30.7	49.1	3 400	37.4	51.4	2 800	46.0
48.0																23.8	45.2	3 100	31.9	48.5	2 500	48.0
50.0																14.2	39.4	2 900	25.3	44.8	2 300	50.0
52.0																			16.6	39.6	2 100	52.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 139 On Boom No. 78

47 630 kg Counterweight

360 Degree Rating

European Standards
10 m/s Maximum Wind

777 SERIES 1

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	18 800	68.0	70.0	17 100																20.0
22.0	60.5	68.0	16 900	64.9	69.1	15 400																22.0
24.0	57.1	66.8	15 400	61.6	68.1	14 000	64.3	68.7	13 200													24.0
26.0	53.6	65.4	14 100	58.3	67.0	12 700	61.0	67.7	12 000													26.0
28.0	49.9	63.8	12 900	54.8	65.6	11 700	57.6	66.5	11 000	62.1	67.4	9 800										28.0
30.0	46.0	62.0	12 000	51.2	64.1	10 800	54.2	65.1	10 100	58.8	66.3	9 000										30.0
32.0	41.8	59.9	11 100	47.4	62.4	9 900	50.5	63.6	9 300	55.3	65.0	8 300										32.0
34.0	37.3	57.5	10 300	43.3	60.4	9 200	46.6	61.8	8 600	51.7	63.5	7 600	56.3	64.5	6 600							34.0
36.0	32.2	54.6	9 600	38.9	58.2	8 600	42.5	59.8	8 000	47.9	61.8	7 000	52.8	63.1	6 100							36.0
38.0	26.3	51.0	8 900	34.1	55.5	8 000	38.0	57.4	7 400	43.9	59.9	6 500	49.1	61.5	5 600							38.0
40.0	18.7	46.2	8 300	28.5	52.2	7 400	33.1	54.6	6 900	39.5	57.6	6 000	45.1	59.6	5 200	50.0	60.8	4 400				40.0
42.0				21.7	47.9	6 900	27.3	51.2	6 400	34.8	55.0	5 600	40.9	57.5	4 800	46.1	59.0	4 000				42.0
44.0				11.6	41.2	6 400	20.1	46.6	5 900	29.3	51.8	5 200	36.2	55.0	4 400	42.0	57.0	3 700				44.0
46.0										22.7	47.7	4 800	31.0	51.9	4 100	37.4	54.6	3 400	42.8	56.1	2 800	46.0
48.0										13.4	41.5	4 400	24.8	48.2	3 800	32.4	51.7	3 100	38.4	53.8	2 500	48.0
50.0													16.6	42.9	3 500	26.5	48.2	2 800	33.5	51.0	2 300	50.0
52.0																19.0	43.4	2 600	27.8	47.7	2 000	52.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 139 On Boom No. 78
47 630 kg Counterweight
360 Degree Rating

European Standards
 10 m/s Maximum Wind

777 SERIES 1

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	16 700																20.0
22.0	62.8	71.4	16 600	66.8	72.5	15 000																22.0
24.0	59.7	70.3	15 000	63.8	71.6	13 600	66.2	72.0	12 800													24.0
26.0	56.5	69.1	13 700	60.8	70.5	12 400	63.3	71.1	11 600													26.0
28.0	53.2	67.7	12 600	57.7	69.3	11 300	60.2	70.0	10 600													28.0
30.0	49.8	66.1	11 600	54.4	68.0	10 400	57.1	68.8	9 700	61.2	69.8	8 600										30.0
32.0	46.2	64.3	10 700	51.1	66.4	9 600	53.8	67.4	9 000	58.1	68.6	7 900										32.0
34.0	42.4	62.2	10 000	47.5	64.7	8 900	50.4	65.9	8 300	54.9	67.3	7 200										34.0
36.0	38.2	59.9	9 300	43.8	62.8	8 300	46.8	64.1	7 600	51.5	65.8	6 700	55.8	66.8	5 800							36.0
38.0	33.6	57.1	8 700	39.7	60.5	7 700	43.0	62.1	7 100	48.0	64.1	6 200	52.5	65.4	5 300							38.0
40.0	28.4	53.8	8 100	35.3	57.9	7 200	38.9	59.8	6 600	44.3	62.2	5 700	49.1	63.8	4 900							40.0
42.0	22.1	49.6	7 500	30.4	54.8	6 700	34.4	57.1	6 200	40.3	60.0	5 300	45.4	61.9	4 500	49.9	63.1	3 700				42.0
44.0	13.3	43.3	6 900	24.5	51.0	6 200	29.3	53.9	5 700	35.9	57.4	4 900	41.5	59.8	4 200	46.3	61.3	3 400				44.0
46.0				16.9	45.7	5 700	23.3	49.8	5 300	31.1	54.4	4 600	37.3	57.4	3 900	42.5	59.3	3 100	47.1	60.4	2 500	46.0
48.0							15.1	44.1	4 900	25.4	50.7	4 200	32.6	54.5	3 600	38.4	57.0	2 800	43.3	58.5	2 200	48.0
50.0										18.1	45.7	3 900	27.2	51.0	3 300	33.8	54.2	2 600	39.2	56.2	2 000	50.0
52.0													20.5	46.5	3 000	28.6	50.9	2 400				52.0
54.0																22.4	46.7	2 200				54.0
56.0																13.7	40.6	2 000				56.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 139 On Boom No. 78

47 630 kg Counterweight

360 Degree Rating

European Standards
10 m/s Maximum Wind

777 SERIES 1

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			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	75.8	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	14 700													22.0
24.0	61.9	73.8	14 600 *	65.7	74.9	13 300													24.0
26.0	59.0	72.7	13 500	62.9	74.0	12 100	65.2	74.5	11 400										26.0
28.0	56.1	71.4	12 400	60.1	72.9	11 200	62.4	73.5	10 400										28.0
30.0	53.0	70.0	11 400	57.1	71.7	10 200	59.5	72.4	9 500										30.0
32.0	49.8	68.4	10 500	54.1	70.3	9 400	56.5	71.1	8 800	60.4	72.2	7 700							32.0
34.0	46.4	66.6	9 800	50.9	68.7	8 700	53.5	69.7	8 100	57.5	71.0	7 100							34.0
36.0	42.8	64.6	9 100	47.6	67.0	8 100	50.3	68.2	7 500	54.5	69.6	6 500							36.0
38.0	39.0	62.3	8 500	44.1	65.1	7 500	47.0	66.4	6 900	51.4	68.1	6 000	55.4	69.2	5 100				38.0
40.0	34.8	59.6	7 900	40.4	62.9	7 000	43.4	64.4	6 400	48.1	66.4	5 600	52.3	67.7	4 700				40.0
42.0	30.2	56.5	7 400	36.4	60.4	6 500	39.6	62.2	6 000	44.6	64.5	5 200	49.1	66.1	4 400				42.0
44.0	24.7	52.6	6 900	31.9	57.4	6 100	35.5	59.6	5 600	40.9	62.3	4 800	45.6	64.2	4 000	49.9	65.4	3 300	44.0
46.0	17.8	47.5	6 400	26.8	53.8	5 600	31.0	56.5	5 200	36.9	59.8	4 400	42.0	62.1	3 700	46.5	63.6	3 000	46.0
48.0				20.5	49.3	5 300	25.7	52.8	4 800	32.5	57.0	4 100	38.1	59.8	3 400	43.0	61.6	2 700	48.0
50.0				11.4	42.3	4 900	19.1	48.0	4 500	27.5	53.5	3 800	33.9	57.0	3 200	39.1	59.3	2 500	50.0
52.0										21.5	49.1	3 600	29.1	53.7	2 900	35.0	56.7	2 200	52.0
54.0										13.0	42.6	3 300	23.4	49.7	2 600	30.3	53.6	2 100	54.0
56.0													15.9	44.1	2 400	24.9	49.7	1 900	56.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 139 On Boom No. 78
47 630 kg Counterweight
360 Degree Rating

European Standards
10 m/s Maximum Wind

777 SERIES 1

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			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	74.8	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	12 900													24.0
26.0	61.1	76.2	12 400 *	64.7	77.4	11 800	66.8	77.8	11 000										26.0
28.0	58.4	75.0	11 600 *	62.1	76.4	10 800	64.2	76.9	10 100										28.0
30.0	55.6	73.7	10 900 *	59.4	75.2	9 900	61.6	75.9	9 200										30.0
32.0	52.7	72.3	10 200 *	56.6	74.0	9 100	58.9	74.7	8 400	62.5	75.6	7 400							32.0
34.0	49.7	70.7	9 500	53.8	72.6	8 400	56.1	73.5	7 800	59.8	74.5	6 800							34.0
36.0	46.6	68.9	8 800	50.8	71.1	7 800	53.2	72.1	7 200	57.0	73.3	6 200							36.0
38.0	43.2	66.9	8 200	47.7	69.3	7 200	50.2	70.5	6 600	54.2	71.9	5 700							38.0
40.0	39.7	64.6	7 600	44.4	67.4	6 700	47.1	68.7	6 200	51.2	70.4	5 300	55.0	71.5	4 400				40.0
42.0	35.8	62.1	7 100	41.0	65.2	6 200	43.8	66.7	5 700	48.1	68.7	4 900	52.1	70.0	4 100				42.0
44.0	31.6	59.1	6 700	37.2	62.8	5 800	40.3	64.5	5 300	44.9	66.8	4 500	49.0	68.4	3 700				44.0
46.0	26.8	55.5	6 200	33.2	59.9	5 400	36.5	62.0	4 900	41.5	64.7	4 200	45.9	66.5	3 400	49.8	67.7	2 700	46.0
48.0	21.0	51.0	5 800	28.6	56.6	5 100	32.3	59.1	4 600	37.8	62.2	3 800	42.5	64.5	3 100	46.7	66.0	2 400	48.0
50.0	12.9	44.4	5 300	23.2	52.5	4 700	27.6	55.6	4 300	33.7	59.5	3 600	38.9	62.1	2 900	43.4	64.0	2 200	50.0
52.0				16.2	46.9	4 400	22.0	51.3	4 000	29.2	56.2	3 300	35.0	59.5	2 600	39.8	61.7	2 000	52.0
54.0							14.5	45.2	3 700	24.0	52.2	3 000	30.6	56.4	2 400				54.0
56.0										17.3	46.9	2 800	25.6	52.6	2 200				56.0
58.0													19.5	47.8	2 000				58.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 139 On Boom No. 78

47 630 kg Counterweight

360 Degree Rating

European Standards
10 m/s Maximum Wind

777 SERIES 1

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			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
15.2	75.7	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	8 800										30.0
32.0	55.3	76.1	7 700 *	58.8	77.6	8 300 *	60.9	78.3	8 200										32.0
34.0	52.5	74.6	7 300 *	56.2	76.3	7 800 *	58.3	77.1	7 500	61.7	78.0	6 500							34.0
36.0	49.7	73.0	6 900 *	53.5	74.9	7 400 *	55.7	75.8	6 900	59.2	76.9	6 000							36.0
38.0	46.7	71.2	6 600 *	50.7	73.4	7 000	53.0	74.4	6 400	56.6	75.6	5 500							38.0
40.0	43.6	69.2	6 300 *	47.8	71.6	6 400	50.1	72.8	5 900	53.9	74.2	5 000	57.3	75.2	4 200				40.0
42.0	40.3	67.0	6 100 *	44.7	69.7	6 000	47.2	71.0	5 500	51.1	72.7	4 600	54.7	73.8	3 800				42.0
44.0	36.7	64.5	5 800 *	41.5	67.6	5 600	44.1	69.1	5 100	48.2	71.0	4 200	51.9	72.3	3 500				44.0
46.0	32.8	61.6	5 400 *	38.0	65.2	5 200	40.8	66.9	4 700	45.1	69.1	3 900	49.0	70.7	3 200	52.6	71.6	2 500	46.0
48.0	28.5	58.2	5 000 *	34.3	62.4	4 800	37.3	64.4	4 400	41.9	67.0	3 600	46.0	68.8	2 900	49.8	70.0	2 200	48.0
50.0	23.5	54.1	4 500 *	30.1	59.3	4 500	33.5	61.6	4 100	38.5	64.6	3 300	42.9	66.8	2 600	46.8	68.3	2 000	50.0
52.0	17.1	48.7	4 000 *	25.4	55.5	4 200	29.3	58.3	3 800	34.8	61.9	3 100	39.5	64.5	2 400				52.0
54.0				19.6	50.6	3 900	24.4	54.4	3 500	30.7	58.8	2 800	35.9	61.9	2 200				54.0
56.0				11.3	43.4	3 700	18.3	49.2	3 300	26.0	55.1	2 600	32.0	59.0	2 000				56.0
58.0										20.4	50.5	2 400							58.0
60.0										12.7	43.8	2 200							60.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 139 On Boom No. 78

47 630 kg Counterweight

360 Degree Rating

European Standards
10 m/s Maximum Wind

777 SERIES 1

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	38 400 b																			10.7
12.0	63.8	55.7	34 400 b																			12.0
14.0	57.6	54.6	29 600	66.7	55.9	27 100 b																14.0
16.0	51.0	53.1	25 900	60.7	54.9	23 600 b																16.0
18.0	43.7	51.3	23 000	54.3	53.6	20 900	60.0	54.5	19 700													18.0
20.0	35.2	48.9	20 700	47.4	52.0	18 700	53.5	53.2	17 600													20.0
22.0	24.4	45.4	18 800	39.6	49.9	16 900	46.5	51.5	15 900	56.5	53.1	14 300										22.0
24.0				30.2	47.0	15 400	38.6	49.3	14 400	49.8	51.6	12 900										24.0
26.0							28.9	46.3	13 200	42.4	49.7	11 800	52.7	51.4	10 500							26.0
28.0										33.6	47.1	10 800	45.6	49.7	9 600							28.0
30.0										22.1	43.4	9 900	37.5	47.4	8 800	48.4	49.2	7 700				30.0
32.0													27.5	44.3	8 000	40.7	47.2	7 000				32.0
34.0																31.6	44.4	6 400	43.3	46.5	5 500	34.0
36.0																19.0	40.2	5 800	34.7	44.0	5 000	36.0
38.0																			23.7	40.4	4 600	38.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 139 On Boom No. 78

47 630 kg Counterweight

360 Degree Rating

European Standards
10 m/s Maximum Wind

777 SERIES 1

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	37 600 b																			10.7
12.0	67.3	59.0	33 700 b																			12.0
14.0	62.1	58.1	29 000	69.7	59.2	26 500 b																14.0
16.0	56.6	56.9	25 400	64.6	58.3	23 100 b																16.0
18.0	50.8	55.4	22 500	59.3	57.2	20 500	64.0	57.9	19 300													18.0
20.0	44.4	53.6	20 300	53.7	55.9	18 400	58.7	56.8	17 300													20.0
22.0	37.2	51.3	18 400	47.6	54.3	16 600	53.0	55.5	15 600	61.2	56.7	14 000										22.0
24.0	28.5	48.2	16 800	40.8	52.2	15 100	46.8	53.8	14 100	55.6	55.5	12 700										24.0
26.0				33.0	49.6	13 800	40.0	51.7	12 900	49.7	53.9	11 500										26.0
28.0				23.0	45.8	12 800	32.0	48.9	11 900	43.2	52.0	10 600	52.3	53.7	9 300							28.0
30.0							21.6	45.0	11 000	35.9	49.6	9 700	46.1	52.0	8 500							30.0
32.0										26.8	46.3	9 000	39.1	49.8	7 900	48.5	51.5	6 800				32.0
34.0													30.9	46.9	7 200	41.8	49.5	6 300				34.0
36.0													19.9	42.7	6 600	34.2	46.9	5 700	44.0	48.8	4 800	36.0
38.0																24.6	43.4	5 200	36.8	46.4	4 400	38.0
40.0																			28.0	43.3	4 000	40.0
42.0																			15.2	38.2	3 700	42.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 139 On Boom No. 78

47 630 kg Counterweight

360 Degree Rating

European Standards
10 m/s Maximum Wind

777 SERIES 1

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.	Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity kg	
10.7	72.8	62.8	36 300 *b																			10.7
12.0	69.9	62.3	32 900 b																			12.0
14.0	65.4	61.5	28 300																			14.0
16.0	60.7	60.5	24 800	67.6	61.6	22 700 b																16.0
18.0	55.8	59.2	22 000	63.0	60.7	20 000																18.0
20.0	50.6	57.7	19 800	58.2	59.6	17 900	62.5	60.3	16 800													20.0
22.0	44.9	55.9	17 900	53.2	58.2	16 200	57.7	59.2	15 200													22.0
24.0	38.6	53.7	16 300	47.7	56.6	14 700	52.6	57.8	13 800	59.9	59.1	12 300										24.0
26.0	31.4	50.8	15 000	41.8	54.6	13 500	47.1	56.1	12 600	54.9	57.8	11 200										26.0
28.0	22.0	46.8	13 800	35.1	52.0	12 400	41.1	54.0	11 600	49.6	56.2	10 300										28.0
30.0				27.0	48.7	11 500	34.2	51.4	10 700	43.9	54.4	9 400	51.9	56.0	8 200							30.0
32.0				15.4	43.6	10 600	25.9	48.0	9 900	37.5	52.0	8 700	46.4	54.3	7 600							32.0
34.0										30.0	49.0	8 100	40.3	52.1	7 000	48.5	53.8	6 000				34.0
36.0										20.1	44.7	7 400	33.3	49.5	6 500	42.7	51.8	5 500				36.0
38.0													24.7	45.9	5 900	36.1	49.4	5 100				38.0
40.0																28.2	46.2	4 600	38.3	48.8	3 800	40.0
42.0																17.4	41.5	4 200	30.9	45.9	3 500	42.0
44.0																			21.5	41.9	3 200	44.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 139 On Boom No. 78

47 630 kg Counterweight

360 Degree Rating

European Standards
10 m/s Maximum Wind

777 SERIES 1

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	31 800 b																			12.0
14.0	68.0	64.8	27 600																			14.0
16.0	63.9	63.9	24 200																			16.0
18.0	59.6	62.8	21 500	65.9	64.1	19 500																18.0
20.0	55.1	61.6	19 300	61.7	63.1	17 400	65.4	63.7	16 300													20.0
22.0	50.4	60.0	17 400	57.3	61.9	15 700	61.2	62.7	14 700													22.0
24.0	45.3	58.2	15 900	52.8	60.5	14 300	56.8	61.5	13 300													24.0
26.0	39.8	56.0	14 500	47.9	58.9	13 100	52.2	60.1	12 100	58.9	61.4	10 800										26.0
28.0	33.5	53.4	13 400	42.6	56.9	12 000	47.3	58.4	11 200	54.4	60.1	9 900										28.0
30.0	25.9	49.8	12 400	36.7	54.5	11 000	41.9	56.4	10 300	49.6	58.5	9 000										30.0
32.0	15.1	44.5	11 500	29.8	51.4	10 200	35.9	53.9	9 500	44.4	56.7	8 300	51.6	58.3	7 200							32.0
34.0				21.0	47.2	9 500	28.9	50.7	8 800	38.8	54.4	7 700	46.7	56.6	6 600							34.0
36.0							19.8	46.3	8 200	32.3	51.6	7 100	41.2	54.5	6 100	48.6	56.1	5 200				36.0
38.0										24.4	47.9	6 600	35.2	52.0	5 600	43.3	54.1	4 700				38.0
40.0													28.0	48.7	5 200	37.5	51.8	4 400	45.1	53.4	3 500	40.0
42.0													18.4	44.0	4 800	30.8	48.9	4 000	39.5	51.2	3 200	42.0
44.0																22.4	44.9	3 700	33.1	48.5	2 900	44.0
46.0																			25.4	44.9	2 600	46.0
48.0																			14.3	39.4	2 400	48.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 139 On Boom No. 78

47 630 kg Counterweight

360 Degree Rating

European Standards
10 m/s Maximum Wind

777 SERIES 1

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	27 200																			14.0
16.0	66.4	67.3	23 800																			16.0
18.0	62.6	66.3	21 100	68.2	67.4	19 200																18.0
20.0	58.7	65.2	18 900	64.5	66.5	17 100																20.0
22.0	54.6	63.9	17 100	60.6	65.5	15 400	64.0	66.1	14 500													22.0
24.0	50.3	62.3	15 600	56.6	64.3	14 000	60.2	65.1	13 100													24.0
26.0	45.7	60.5	14 300	52.4	62.9	12 800	56.1	63.8	12 000	62.0	64.9	10 600										26.0
28.0	40.7	58.4	13 200	48.0	61.2	11 700	51.9	62.4	10 900	58.0	63.8	9 600										28.0
30.0	35.1	55.8	12 100	43.2	59.2	10 800	47.4	60.7	10 100	53.9	62.4	8 800										30.0
32.0	28.6	52.6	11 300	37.9	56.9	10 000	42.6	58.7	9 300	49.5	60.8	8 200	55.6	62.1	7 000							32.0
34.0	20.4	48.2	10 500	32.0	54.0	9 300	37.3	56.3	8 600	44.9	59.0	7 500	51.4	60.6	6 500							34.0
36.0				24.7	50.3	8 700	31.2	53.4	8 000	39.8	56.8	6 900	46.9	58.9	6 000							36.0
38.0				14.6	44.7	8 000	23.8	49.5	7 500	34.1	54.1	6 500	42.0	56.8	5 500	48.6	58.4	4 600				38.0
40.0										27.4	50.8	6 000	36.6	54.4	5 100	43.9	56.5	4 200				40.0
42.0										18.7	46.1	5 500	30.4	51.4	4 700	38.7	54.2	3 900	45.4	55.7	3 100	42.0
44.0													22.7	47.4	4 300	32.8	51.4	3 600	40.4	53.6	2 800	44.0
46.0																25.9	47.9	3 300	34.8	51.0	2 500	46.0
48.0																16.4	42.7	3 000	28.3	47.7	2 300	48.0
50.0																			19.9	43.2	2 100	50.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 139 On Boom No. 78

47 630 kg Counterweight

360 Degree Rating

European Standards
10 m/s Maximum Wind

777 SERIES 1

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	26 300																			14.0
16.0	68.5	70.6	23 300																			16.0
18.0	65.1	69.7	20 600																			18.0
20.0	61.5	68.7	18 500	66.7	69.9	16 700																20.0
22.0	57.9	67.5	16 700	63.3	69.0	15 000	66.3	69.5	14 000													22.0
24.0	54.1	66.2	15 200	59.7	67.9	13 600	62.9	68.6	12 700													24.0
26.0	50.2	64.6	13 900	56.0	66.6	12 400	59.3	67.4	11 600													26.0
28.0	46.0	62.8	12 800	52.1	65.2	11 400	55.6	66.2	10 600	60.9	67.3	9 300										28.0
30.0	41.4	60.7	11 800	48.1	63.5	10 500	51.7	64.7	9 700	57.3	66.1	8 500										30.0
32.0	36.4	58.3	10 900	43.7	61.5	9 700	47.6	63.0	8 900	53.5	64.7	7 800										32.0
34.0	30.8	55.3	10 200	38.9	59.3	9 000	43.2	61.0	8 300	49.5	63.1	7 200	55.1	64.4	6 100							34.0
36.0	24.0	51.4	9 500	33.6	56.5	8 300	38.4	58.7	7 700	45.2	61.3	6 600	51.2	62.9	5 600							36.0
38.0	14.4	45.6	8 800	27.5	53.2	7 800	33.0	55.9	7 100	40.6	59.1	6 100	47.0	61.2	5 100							38.0
40.0				19.6	48.6	7 200	26.7	52.4	6 700	35.5	56.6	5 700	42.6	59.2	4 800	48.6	60.7	3 900				40.0
42.0							18.5	47.6	6 200	29.7	53.5	5 300	37.7	56.8	4 400	44.3	58.8	3 500				42.0
44.0										22.6	49.4	4 900	32.3	53.9	4 100	39.6	56.6	3 200				44.0
46.0													25.8	50.3	3 800	34.4	53.9	3 000	41.2	55.9	2 200	46.0
48.0													17.3	45.3	3 500	28.4	50.6	2 700	36.2	53.4	2 000	48.0
50.0																20.9	46.3	2 500	30.4	50.4	1 800	50.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 139 On Boom No. 78
47 630 kg Counterweight
360 Degree Rating

European Standards
10 m/s Maximum Wind

777 SERIES 1

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			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
12.2	76.0	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	20 300																18.0
20.0	63.9	72.1	18 300	68.6	73.2	16 500													20.0
22.0	60.6	71.1	16 500	65.5	72.3	14 900													22.0
24.0	57.3	69.9	15 000	62.3	71.3	13 500	65.1	71.9	12 600										24.0
26.0	53.8	68.5	13 700	58.9	70.2	12 300	61.9	70.9	11 400										26.0
28.0	50.1	66.9	12 600	55.5	68.9	11 200	58.5	69.8	10 500										28.0
30.0	46.2	65.1	11 600	51.9	67.5	10 300	55.1	68.5	9 600	60.1	69.7	8 400							30.0
32.0	42.0	63.1	10 800	48.1	65.8	9 600	51.5	67.0	8 800	56.7	68.4	7 700							32.0
34.0	37.5	60.7	10 000	44.1	63.9	8 900	47.7	65.3	8 200	53.1	67.0	7 100							34.0
36.0	32.5	57.8	9 400	39.8	61.6	8 200	43.6	63.3	7 600	49.4	65.4	6 500	54.7	66.7	5 500				36.0
38.0	26.6	54.3	8 800	35.0	59.0	7 700	39.3	61.1	7 100	45.5	63.6	6 100	51.0	65.2	5 100				38.0
40.0	19.2	49.6	8 200	29.6	55.9	7 200	34.4	58.4	6 600	41.3	61.5	5 600	47.2	63.5	4 700				40.0
42.0				23.1	51.8	6 700	28.9	55.2	6 100	36.7	59.0	5 200	43.1	61.5	4 300	48.7	63.0	3 500	42.0
44.0				14.0	45.9	6 200	22.2	51.0	5 700	31.6	56.1	4 800	38.7	59.2	4 000	44.7	61.1	3 200	44.0
46.0										25.5	52.4	4 500	33.8	56.5	3 700	40.4	58.9	2 900	46.0
48.0										17.6	47.3	4 200	28.2	53.1	3 400	35.7	56.4	2 700	48.0
50.0													21.3	48.8	3 200	30.4	53.3	2 400	50.0
52.0																24.1	49.4	2 200	52.0
54.0																15.6	43.9	2 000	54.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 139 On Boom No. 78

47 630 kg Counterweight

360 Degree Rating

European Standards
10 m/s Maximum Wind

777 SERIES 1

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			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	74.9	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	16 000													20.0
22.0	62.9	74.5	16 100	67.3	75.7	14 500													22.0
24.0	59.9	73.4	14 600	64.4	74.8	13 100													24.0
26.0	56.7	72.2	13 400	61.4	73.7	11 900	64.0	74.4	11 100										26.0
28.0	53.4	70.8	12 300	58.3	72.6	10 900	61.0	73.3	10 100										28.0
30.0	50.0	69.2	11 300	55.0	71.3	10 000	57.9	72.1	9 300										30.0
32.0	46.4	67.4	10 500	51.7	69.8	9 300	54.7	70.8	8 500	59.3	72.0	7 300							32.0
34.0	42.6	65.4	9 700	48.2	68.1	8 500	51.3	69.3	7 900	56.2	70.8	6 800							34.0
36.0	38.4	63.1	9 000	44.5	66.2	7 900	47.8	67.6	7 300	52.9	69.3	6 200							36.0
38.0	33.9	60.3	8 500	40.5	64.0	7 400	44.0	65.7	6 700	49.4	67.7	5 700	54.3	69.0	4 800				38.0
40.0	28.7	57.0	7 900	36.2	61.5	6 800	40.0	63.4	6 300	45.8	65.9	5 300	50.9	67.5	4 400				40.0
42.0	22.5	52.9	7 400	31.3	58.5	6 400	35.6	60.9	5 800	41.9	63.8	4 900	47.3	65.8	4 000				42.0
44.0	13.9	46.8	6 900	25.7	54.8	6 000	30.7	57.8	5 400	37.7	61.4	4 500	43.6	63.8	3 700	48.7	65.3	2 900	44.0
46.0				18.6	49.9	5 600	25.0	54.0	5 100	33.1	58.6	4 200	39.5	61.6	3 400	45.0	63.4	2 600	46.0
48.0							17.6	48.9	4 800	27.7	55.2	3 900	35.1	58.9	3 100	41.1	61.3	2 400	48.0
50.0										21.3	50.8	3 700	30.1	55.8	2 800	36.8	58.8	2 100	50.0
52.0													24.2	51.9	2 700	32.0	55.9	1 900	52.0
54.0													16.5	46.5	2 400				54.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 139 On Boom No. 78
47 630 kg Counterweight
360 Degree Rating

European Standards
10 m/s Maximum Wind

777 SERIES 1

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			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity kg	
13.7	75.9	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	14 200													22.0
24.0	62.1	76.9	14 400	66.2	78.1	12 800													24.0
26.0	59.2	75.8	13 100	63.4	77.2	11 700	65.9	77.7	10 800										26.0
28.0	56.2	74.5	12 000	60.6	76.1	10 700	63.1	76.8	9 900										28.0
30.0	53.1	73.1	11 100	57.7	74.9	9 800	60.3	75.7	9 100										30.0
32.0	49.9	71.5	10 200	54.7	73.6	9 000	57.3	74.5	8 300	61.6	75.5	7 200							32.0
34.0	46.6	69.7	9 500	51.5	72.1	8 400	54.3	73.1	7 700	58.7	74.4	6 600							34.0
36.0	43.0	67.7	8 800	48.2	70.4	7 700	51.2	71.6	7 100	55.7	73.1	6 000							36.0
38.0	39.2	65.4	8 200	44.8	68.5	7 200	47.9	69.9	6 600	52.6	71.7	5 600							38.0
40.0	35.1	62.8	7 700	41.1	66.3	6 700	44.4	68.0	6 100	49.4	70.0	5 100	53.9	71.4	4 200				40.0
42.0	30.4	59.7	7 200	37.1	63.9	6 200	40.7	65.8	5 700	46.0	68.2	4 700	50.8	69.8	3 900				42.0
44.0	25.0	55.9	6 800	32.8	61.0	5 800	36.7	63.3	5 300	42.4	66.2	4 400	47.4	68.1	3 600				44.0
46.0	18.2	50.8	6 300	27.8	57.6	5 500	32.2	60.4	4 900	38.5	63.8	4 100	43.9	66.1	3 300	48.7	67.6	2 500	46.0
48.0				21.8	53.3	5 100	27.2	56.9	4 600	34.3	61.1	3 800	40.2	63.9	3 000	45.3	65.7	2 200	48.0
50.0				13.5	47.0	4 800	21.0	52.4	4 300	29.6	57.9	3 500	36.1	61.4	2 700	41.6	63.6	2 000	50.0
52.0										24.0	53.9	3 200	31.6	58.4	2 500				52.0
54.0										16.8	48.6	3 100	26.5	54.8	2 300				54.0
56.0													20.2	50.2	2 100				56.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 139 On Boom No. 78
47 630 kg Counterweight
360 Degree Rating

European Standards
10 m/s Maximum Wind

777 SERIES 1

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			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	74.9	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	12 400										24.0
26.0	61.3	79.3	12 400 *	65.2	80.6	11 300	67.5	81.1	10 500							26.0
28.0	58.6	78.2	11 600	62.6	79.6	10 300	64.9	80.2	9 600							28.0
30.0	55.8	76.9	10 800	59.9	78.5	9 500	62.3	79.2	8 700							30.0
32.0	52.9	75.4	9 900	57.2	77.3	8 800	59.6	78.1	8 000							32.0
34.0	49.9	73.8	9 200	54.3	75.9	8 000	56.8	76.8	7 400	60.8	77.9	6 300				34.0
36.0	46.7	72.1	8 500	51.4	74.4	7 400	54.0	75.4	6 800	58.1	76.7	5 800				36.0
38.0	43.4	70.1	8 000	48.3	72.7	6 900	51.0	73.9	6 300	55.3	75.4	5 300				38.0
40.0	39.9	67.8	7 400	45.1	70.8	6 400	47.9	72.2	5 800	52.4	74.0	4 900	56.5	75.1	3 900	40.0
42.0	36.1	65.2	6 900	41.6	68.7	5 900	44.7	70.3	5 400	49.4	72.3	4 500	53.6	73.7	3 600	42.0
44.0	31.8	62.3	6 500	38.0	66.3	5 500	41.2	68.1	5 000	46.2	70.5	4 100	50.7	72.1	3 200	44.0
46.0	27.1	58.7	6 100	34.0	63.5	5 200	37.5	65.7	4 600	42.8	68.5	3 800	47.5	70.4	2 900	46.0
48.0	21.3	54.3	5 700	29.5	60.3	4 800	33.5	62.9	4 300	39.3	66.2	3 500	44.3	68.4	2 700	48.0
50.0	13.5	47.9	5 400	24.3	56.3	4 500	28.9	59.6	4 000	35.4	63.6	3 200	40.8	66.3	2 400	50.0
52.0				17.7	51.1	4 300	23.6	55.6	3 800	31.1	60.5	3 000	37.1	63.8	2 200	52.0
54.0							16.8	50.1	3 500	26.2	56.8	2 700	33.0	60.9	2 000	54.0
56.0										20.2	52.2	2 500	28.3	57.6	1 800	56.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 139 On Boom No. 78
47 630 kg Counterweight
360 Degree Rating

European Standards
10 m/s Maximum Wind

777 SERIES 1

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			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	75.9	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	8 500							30.0
32.0	55.4	79.2	7 700 *	59.3	80.8	8 300 *	61.6	81.6	7 800							32.0
34.0	52.7	77.7	7 300 *	56.7	79.6	7 800	59.0	80.4	7 100							34.0
36.0	49.8	76.1	7 000 *	54.0	78.2	7 200	56.4	79.2	6 500	60.2	80.3	5 500				36.0
38.0	46.9	74.4	6 600 *	51.2	76.7	6 600	53.7	77.8	6 000	57.6	79.1	5 000				38.0
40.0	43.8	72.4	6 300 *	48.3	75.0	6 200	50.9	76.2	5 500	54.9	77.7	4 600				40.0
42.0	40.5	70.2	6 100 *	45.3	73.1	5 700	48.0	74.5	5 100	52.2	76.3	4 200	56.1	77.4	3 300	42.0
44.0	36.9	67.7	5 700 *	42.1	71.0	5 300	44.9	72.6	4 700	49.3	74.6	3 900	53.4	76.0	3 000	44.0
46.0	33.1	64.8	5 400 *	38.7	68.7	4 900	41.7	70.5	4 400	46.4	72.8	3 500	50.6	74.4	2 700	46.0
48.0	28.8	61.5	5 000 *	35.0	66.0	4 600	38.3	68.1	4 100	43.2	70.8	3 200	47.6	72.7	2 400	48.0
50.0	23.8	57.4	4 500 *	30.9	62.9	4 300	34.6	65.4	3 800	39.9	68.5	3 000	44.6	70.8	2 200	50.0
52.0	17.5	52.1	4 000 *	26.3	59.2	4 000	30.4	62.2	3 500	36.3	66.0	2 700	41.3	68.6	2 000	52.0
54.0				20.8	54.7	3 800	25.7	58.5	3 300	32.4	63.1	2 500				54.0
56.0				13.2	48.1	3 500	20.0	53.8	3 100	28.0	59.6	2 300				56.0
58.0										22.8	55.4	2 100				58.0
60.0										16.2	49.8	2 000				60.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 139 On Boom No. 78

47 630 kg Counterweight

360 Degree Rating

European Standards
10 m/s Maximum Wind

777 SERIES 1

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	37 400 b																			10.7
12.0	64.1	58.8	33 600 b																			12.0
14.0	58.0	57.7	28 900	67.8	59.1	26 200 b																14.0
16.0	51.4	56.3	25 300	61.8	58.1	22 900 b																16.0
18.0	44.1	54.4	22 500	55.5	56.9	20 200	61.6	57.8	19 000 b													18.0
20.0	35.7	52.0	20 300	48.7	55.3	18 100	55.3	56.5	17 000													20.0
22.0	25.1	48.6	18 400	41.1	53.3	16 400	48.5	55.0	15 300	59.0	56.6	13 600 b										22.0
24.0				32.1	50.6	14 900	40.8	52.9	13 900	52.5	55.2	12 300										24.0
26.0							31.7	50.2	12 700	45.4	53.5	11 200	56.2	55.0	9 800							26.0
28.0							19.2	46.0	11 800	37.3	51.2	10 300	49.4	53.5	8 900							28.0
30.0										27.2	48.0	9 500	41.9	51.5	8 200							30.0
32.0										10.5	42.2	8 800	33.1	48.9	7 500	45.8	51.3	6 400				32.0
34.0													21.3	45.0	6 900	37.7	49.0	5 900				34.0
36.0																27.7	45.9	5 400	41.4	48.6	4 400	36.0
38.0																11.8	40.4	4 900	32.4	45.9	4 000	38.0
40.0																			20.3	41.9	3 700	40.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 139 On Boom No. 78

47 630 kg Counterweight

360 Degree Rating

European Standards
10 m/s Maximum Wind

777 SERIES 1

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	36 600 b																			10.7
12.0	67.5	62.1	32 900 b																			12.0
14.0	62.3	61.2	28 300																			14.0
16.0	56.9	60.0	24 800	65.6	61.5	22 500 b																16.0
18.0	51.1	58.6	22 100	60.3	60.5	19 900																18.0
20.0	44.7	56.8	19 800	54.7	59.2	17 800	60.1	60.1	16 600													20.0
22.0	37.6	54.5	18 000	48.8	57.6	16 100	54.5	58.9	15 000													22.0
24.0	29.0	51.4	16 400	42.2	55.7	14 600	48.5	57.3	13 600	57.9	58.9	12 000										24.0
26.0				34.6	53.1	13 400	41.9	55.3	12 500	52.1	57.5	10 900										26.0
28.0				25.1	49.7	12 400	34.3	52.7	11 400	45.9	55.8	10 000	55.3	57.3	8 700							28.0
30.0							24.7	49.2	10 600	38.9	53.6	9 200	49.4	55.8	7 900							30.0
32.0							8.0	42.4	9 800	30.7	50.7	8 500	42.8	53.8	7 300	52.4	55.3	6 200				32.0
34.0										19.6	46.4	7 900	35.4	51.4	6 700	46.2	53.6	5 600				34.0
36.0													26.2	48.0	6 200	39.3	51.4	5 200				36.0
38.0													11.7	42.2	5 700	31.1	48.6	4 800	42.4	50.9	3 900	38.0
40.0																20.2	44.4	4 400	34.9	48.4	3 500	40.0
42.0																			25.5	45.0	3 200	42.0
44.0																			10.1	38.7	2 900	44.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 139 On Boom No. 78

47 630 kg Counterweight

360 Degree Rating

European Standards
10 m/s Maximum Wind

777 SERIES 1

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	35 700 b																			10.7
12.0	70.1	65.4	32 100 b																			12.0
14.0	65.6	64.6	27 700																			14.0
16.0	61.0	63.6	24 300	68.4	64.8	21 900 b																16.0
18.0	56.0	62.3	21 600	63.9	63.9	19 400																18.0
20.0	50.8	60.9	19 400	59.1	62.9	17 400	63.7	63.6	16 200													20.0
22.0	45.2	59.1	17 600	54.1	61.5	15 700	59.0	62.5	14 600													22.0
24.0	39.0	56.9	16 000	48.8	59.9	14 300	53.9	61.2	13 300													24.0
26.0	31.8	54.0	14 700	43.0	58.0	13 100	48.6	59.6	12 100	56.9	61.3	10 600										26.0
28.0	22.6	50.1	13 600	36.4	55.6	12 000	42.7	57.6	11 100	51.8	59.8	9 700										28.0
30.0				28.6	52.5	11 100	36.2	55.2	10 300	46.2	58.1	8 900	54.6	59.6	7 700							30.0
32.0				18.1	47.8	10 300	28.3	52.0	9 500	40.1	55.9	8 200	49.3	58.1	7 000							32.0
34.0							17.6	47.3	8 900	33.1	53.3	7 600	43.6	56.2	6 400							34.0
36.0										24.4	49.6	7 100	37.1	53.8	6 000	46.5	55.9	4 900				36.0
38.0										10.5	43.3	6 600	29.5	50.8	5 500	40.4	53.8	4 500				38.0
40.0													19.4	46.4	5 100	33.5	51.1	4 200	43.2	53.2	3 300	40.0
42.0																24.9	47.5	3 800	36.7	50.8	3 000	42.0
44.0																11.5	41.5	3 500	28.9	47.7	2 700	44.0
46.0																			18.5	43.2	2 500	46.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 139 On Boom No. 78

47 630 kg Counterweight

360 Degree Rating

European Standards
10 m/s Maximum Wind

777 SERIES 1

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.	Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity kg	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity kg	
10.7	74.8	69.0	33 000 *b																			10.7
12.0	72.2	68.6	31 100 b																			12.0
14.0	68.2	67.9	27 000																			14.0
16.0	64.1	67.0	23 700																			16.0
18.0	59.8	65.9	21 100	66.7	67.3	18 900																18.0
20.0	55.4	64.7	18 900	62.5	66.3	16 900	66.5	67.0	15 800													20.0
22.0	50.7	63.2	17 100	58.2	65.2	15 200	62.3	66.0	14 100													22.0
24.0	45.6	61.4	15 500	53.6	63.8	13 800	58.0	64.9	12 800													24.0
26.0	40.1	59.2	14 300	48.8	62.2	12 600	53.5	63.5	11 700	60.6	64.8	10 200										26.0
28.0	33.8	56.6	13 100	43.6	60.3	11 600	48.6	61.9	10 700	56.2	63.6	9 300										28.0
30.0	26.3	53.1	12 200	37.8	58.0	10 700	43.4	59.9	9 900	51.5	62.1	8 500										30.0
32.0	15.9	47.9	11 400	31.2	55.1	9 900	37.6	57.6	9 100	46.5	60.4	7 800	54.1	62.0	6 600							32.0
34.0				22.9	51.2	9 200	30.9	54.7	8 500	41.1	58.3	7 200	49.3	60.4	6 100							34.0
36.0							22.6	50.7	7 900	35.0	55.7	6 700	44.1	58.5	5 600							36.0
38.0							8.5	43.5	7 300	27.7	52.5	6 200	38.4	56.2	5 100	46.8	58.2	4 200				38.0
40.0										18.1	47.7	5 800	31.9	53.4	4 800	41.3	56.1	3 800				40.0
42.0													23.8	49.6	4 400	35.3	53.6	3 500	43.8	55.6	2 600	42.0
44.0													11.4	43.3	4 100	28.1	50.4	3 200	38.0	53.2	2 400	44.0
46.0																18.6	45.7	3 000	31.4	50.4	2 100	46.0
48.0																			23.2	46.5	2 000	48.0
50.0																			10.1	39.8	1 800	50.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 139 On Boom No. 78

47 630 kg Counterweight

360 Degree Rating

European Standards
10 m/s Maximum Wind

777 SERIES 1

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	26 600																			14.0
16.0	66.6	70.4	23 300																			16.0
18.0	62.8	69.4	20 700																			18.0
20.0	58.9	68.3	18 500	65.2	69.7	16 600																20.0
22.0	54.8	67.0	16 800	61.3	68.7	14 900	65.0	69.4	13 900													22.0
24.0	50.5	65.5	15 300	57.4	67.5	13 600	61.2	68.4	12 600													24.0
26.0	45.9	63.7	14 000	53.2	66.2	12 400	57.2	67.2	11 500													26.0
28.0	41.0	61.6	12 900	48.8	64.5	11 400	53.1	65.8	10 500	59.6	67.2	9 100										28.0
30.0	35.4	59.0	11 900	44.1	62.6	10 500	48.7	64.2	9 700	55.5	65.9	8 300										30.0
32.0	29.0	55.9	11 100	38.9	60.4	9 700	43.9	62.3	8 900	51.3	64.4	7 700	57.8	65.6	6 500							32.0
34.0	20.9	51.6	10 400	33.1	57.6	9 000	38.8	60.0	8 200	46.7	62.7	7 100	53.6	64.3	5 900							34.0
36.0				26.2	54.1	8 400	32.9	57.2	7 700	41.8	60.6	6 500	49.3	62.7	5 400							36.0
38.0				16.9	49.1	7 900	26.0	53.7	7 200	36.4	58.2	6 100	44.6	60.8	5 000							38.0
40.0							16.5	48.5	6 700	30.2	55.1	5 600	39.5	58.6	4 600	47.0	60.5	3 700				40.0
42.0										22.5	51.1	5 300	33.7	55.9	4 300	42.1	58.5	3 400				42.0
44.0										10.4	44.3	4 900				36.7	56.0	3 100	44.3	57.9	2 300	44.0
46.0													27.0	52.5	4 000	30.5	53.0	2 800	39.1	55.6	2 000	46.0
48.0													18.0	47.7	3 700	22.9	49.0	2 600	33.3	52.9	1 800	48.0
50.0																11.3	42.5	2 400				50.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 139 On Boom No. 78
47 630 kg Counterweight
360 Degree Rating

European Standards
10 m/s Maximum Wind

777 SERIES 1

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			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	74.9	74.9	23 400 *																12.2
14.0	72.0	74.4	22 900 *																14.0
16.0	68.6	73.7	22 200																16.0
18.0	65.2	72.8	20 500																18.0
20.0	61.7	71.8	18 300	67.4	73.1	16 300													20.0
22.0	58.1	70.6	16 500	63.9	72.2	14 700													22.0
24.0	54.3	69.3	15 100	60.4	71.1	13 400	63.8	71.8	12 400										24.0
26.0	50.4	67.8	13 800	56.7	69.9	12 200	60.3	70.8	11 300										26.0
28.0	46.2	66.0	12 700	52.9	68.5	11 200	56.6	69.5	10 400										28.0
30.0	41.7	63.9	11 700	48.8	66.8	10 300	52.7	68.1	9 500	58.7	69.5	8 200							30.0
32.0	36.7	61.5	10 900	44.5	65.0	9 500	48.7	66.5	8 800	55.0	68.2	7 500							32.0
34.0	31.1	58.5	10 100	39.9	62.7	8 900	44.4	64.6	8 100	51.1	66.7	6 900	57.1	68.0	5 800				34.0
36.0	24.4	54.7	9 500	34.7	60.1	8 200	39.7	62.4	7 500	46.9	65.0	6 400	53.3	66.6	5 300				36.0
38.0	15.1	49.1	8 900	28.7	56.9	7 700	34.5	59.7	7 000	42.5	63.0	5 900	49.2	65.0	4 900				38.0
40.0				21.3	52.6	7 200	28.5	56.4	6 500	37.6	60.6	5 500	45.0	63.1	4 500	51.3	64.5	3 500	40.0
42.0							21.0	52.1	6 100	32.1	57.7	5 100	40.3	60.9	4 100	47.1	62.8	3 200	42.0
44.0							8.8	44.6	5 700	25.6	54.1	4 700	35.2	58.4	3 800	42.7	60.8	2 900	44.0
46.0										17.0	49.0	4 400	29.4	55.2	3 500	37.8	58.4	2 700	46.0
48.0													22.1	51.1	3 300	32.4	55.6	2 400	48.0
50.0													11.2	44.4	3 100	26.0	52.0	2 200	50.0
52.0																17.5	47.0	2 100	52.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 139 On Boom No. 78
47 630 kg Counterweight
360 Degree Rating

European Standards
10 m/s Maximum Wind

777 SERIES 1

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			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	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	19 900																18.0
20.0	64.1	75.2	17 900	69.2	76.3	15 900													20.0
22.0	60.8	74.2	16 200	66.1	75.5	14 400													22.0
24.0	57.4	73.0	14 700	62.9	74.6	13 100	66.0	75.2	12 100										24.0
26.0	53.9	71.6	13 500	59.6	73.5	11 900	62.7	74.2	11 000										26.0
28.0	50.3	70.1	12 400	56.1	72.2	10 900	59.4	73.1	10 000										28.0
30.0	46.4	68.3	11 400	52.6	70.8	10 000	56.0	71.9	9 200										30.0
32.0	42.3	66.2	10 600	48.8	69.1	9 300	52.5	70.4	8 500	58.0	71.9	7 300							32.0
34.0	37.8	63.9	9 800	44.9	67.3	8 600	48.7	68.8	7 800	54.6	70.6	6 600							34.0
36.0	32.8	61.0	9 200	40.6	65.1	8 000	44.7	66.9	7 300	50.9	69.0	6 100							36.0
38.0	27.0	57.5	8 600	35.9	62.6	7 400	40.5	64.7	6 700	47.1	67.3	5 600	52.9	68.9	4 600				38.0
40.0	19.6	52.9	8 100	30.7	59.5	6 900	35.8	62.2	6 300	43.0	65.3	5 200	49.2	67.3	4 200				40.0
42.0				24.4	55.7	6 500	30.5	59.1	5 900	38.6	63.0	4 800	45.3	65.4	3 900	51.1	66.8	3 000	42.0
44.0				16.1	50.3	6 100	24.2	55.2	5 500	33.7	60.2	4 500	41.1	63.3	3 600	47.3	65.1	2 700	44.0
46.0							15.7	49.7	5 200	28.0	56.9	4 200	36.4	60.8	3 300	43.2	63.1	2 500	46.0
48.0										21.1	52.5	3 900	31.2	57.8	3 000	38.8	60.8	2 200	48.0
50.0										10.4	45.4	3 700	25.1	54.1	2 800	33.9	58.1	2 000	50.0
52.0													17.1	48.9	2 600				52.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 139 On Boom No. 78
47 630 kg Counterweight
360 Degree Rating

European Standards
10 m/s Maximum Wind

777 SERIES 1

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			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	75.0	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	17 500	70.7	79.6	15 500										20.0
22.0	63.1	77.6	15 800	67.9	78.8	14 000										22.0
24.0	60.0	76.6	14 400	64.9	78.0	12 700										24.0
26.0	56.9	75.3	13 100	61.9	77.0	11 500	64.8	77.6	10 600							26.0
28.0	53.6	73.9	12 000	58.8	75.8	10 600	61.8	76.6	9 700							28.0
30.0	50.2	72.4	11 100	55.7	74.5	9 700	58.7	75.5	8 900							30.0
32.0	46.6	70.6	10 200	52.3	73.1	8 900	55.5	74.2	8 200	60.6	75.4	6 900				32.0
34.0	42.8	68.6	9 500	48.9	71.4	8 200	52.2	72.7	7 500	57.4	74.2	6 300				34.0
36.0	38.7	66.2	8 900	45.2	69.6	7 700	48.7	71.1	6 900	54.2	72.9	5 800				36.0
38.0	34.1	63.5	8 300	41.3	67.4	7 100	45.0	69.2	6 400	50.8	71.3	5 300				38.0
40.0	29.0	60.3	7 700	37.0	65.0	6 600	41.1	67.1	5 900	47.2	69.6	4 900	52.7	71.2	3 900	40.0
42.0	22.9	56.2	7 300	32.3	62.1	6 200	36.8	64.6	5 500	43.5	67.6	4 500	49.2	69.6	3 600	42.0
44.0	14.5	50.2	6 900	26.8	58.6	5 800	32.1	61.7	5 200	39.4	65.4	4 200	45.6	67.7	3 200	44.0
46.0				20.1	54.0	5 400	26.6	58.1	4 800	35.0	62.7	3 900	41.7	65.6	3 000	46.0
48.0							19.8	53.5	4 500	29.9	59.6	3 600	37.4	63.2	2 700	48.0
50.0							9.0	45.7	4 300	24.0	55.6	3 300	32.8	60.4	2 500	50.0
52.0										16.2	50.2	3 100	27.4	56.9	2 300	52.0
54.0													20.8	52.5	2 100	54.0
56.0													11.1	45.5	1 900	56.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 139 On Boom No. 78
47 630 kg Counterweight
360 Degree Rating

European Standards
10 m/s Maximum Wind

777 SERIES 1

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			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	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	13 700										22.0
24.0	62.2	80.0	14 200	66.7	81.3	12 400										24.0
26.0	59.3	78.9	12 900	64.0	80.4	11 300	66.6	81.0	10 400							26.0
28.0	56.4	77.7	11 800	61.1	79.3	10 300	63.9	80.0	9 500							28.0
30.0	53.3	76.2	10 900	58.2	78.2	9 500	61.0	79.0	8 700							30.0
32.0	50.1	74.7	10 100	55.2	76.9	8 800	58.1	77.8	8 000	62.7	78.9	6 700				32.0
34.0	46.8	72.9	9 300	52.1	75.4	8 100	55.1	76.5	7 300	59.8	77.8	6 200				34.0
36.0	43.2	70.9	8 700	48.9	73.7	7 500	52.0	75.0	6 800	56.9	76.6	5 600				36.0
38.0	39.4	68.6	8 100	45.4	71.9	6 900	48.7	73.4	6 300	53.8	75.2	5 200				38.0
40.0	35.3	66.0	7 600	41.8	69.8	6 400	45.3	71.5	5 800	50.7	73.6	4 800	55.5	75.0	3 800	40.0
42.0	30.7	62.9	7 100	37.9	67.4	6 000	41.7	69.4	5 400	47.4	71.9	4 400	52.4	73.5	3 400	42.0
44.0	25.3	59.2	6 700	33.6	64.6	5 600	37.8	67.0	5 000	43.8	69.9	4 000	49.2	71.9	3 100	44.0
46.0	18.6	54.2	6 300	28.8	61.3	5 300	33.4	64.2	4 700	40.1	67.7	3 700	45.8	70.0	2 900	46.0
48.0				23.0	57.2	4 900	28.6	60.9	4 400	36.0	65.2	3 400	42.2	68.0	2 600	48.0
50.0				15.4	51.5	4 700	22.8	56.7	4 100	31.5	62.2	3 200	38.3	65.6	2 300	50.0
52.0							15.1	50.9	3 800	26.3	58.6	3 000	34.1	62.9	2 200	52.0
54.0										20.0	53.9	2 700	29.3	59.6	1 900	54.0
56.0										10.4	46.5	2 600				56.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 139 On Boom No. 78
47 630 kg Counterweight
360 Degree Rating

European Standards
10 m/s Maximum Wind

777 SERIES 1

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			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	75.1	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	12 000										24.0
26.0	61.4	82.4	12 300	65.7	83.8	11 000										26.0
28.0	58.7	81.3	11 500	63.1	82.8	10 000	65.6	83.4	9 100							28.0
30.0	55.9	80.0	10 600	60.4	81.7	9 200	63.0	82.5	8 300							30.0
32.0	53.0	78.6	9 700	57.7	80.5	8 400	60.3	81.4	7 700							32.0
34.0	50.0	77.0	9 000	54.8	79.2	7 800	57.6	80.2	7 000	61.9	81.3	5 900				34.0
36.0	46.9	75.2	8 400	51.9	77.7	7 200	54.7	78.8	6 400	59.2	80.2	5 300				36.0
38.0	43.6	73.2	7 800	48.9	76.0	6 600	51.8	77.3	6 000	56.4	78.9	4 900				38.0
40.0	40.1	71.0	7 200	45.7	74.2	6 200	48.8	75.7	5 500	53.5	77.5	4 500				40.0
42.0	36.3	68.4	6 800	42.3	72.1	5 700	45.6	73.8	5 100	50.6	75.9	4 100	55.1	77.3	3 100	42.0
44.0	32.1	65.5	6 300	38.7	69.8	5 300	42.2	71.7	4 700	47.5	74.2	3 700	52.2	75.8	2 800	44.0
46.0	27.3	62.0	6 000	34.7	67.1	4 900	38.5	69.4	4 400	44.2	72.3	3 400	49.2	74.2	2 500	46.0
48.0	21.7	57.6	5 600	30.4	64.0	4 600	34.6	66.7	4 100	40.7	70.1	3 100	46.0	72.3	2 300	48.0
50.0	14.0	51.4	5 300	25.3	60.2	4 300	30.2	63.5	3 800	36.9	67.6	2 900	42.6	70.3	2 100	50.0
52.0				19.1	55.3	4 100	25.1	59.7	3 500	32.8	64.7	2 600				52.0
54.0							18.9	54.8	3 300	28.2	61.3	2 400				54.0
56.0							9.1	46.8	3 100	22.7	57.1	2 300				56.0
58.0										15.6	51.4	2 100				58.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 139 On Boom No. 78

47 630 kg Counterweight

360 Degree Rating

European Standards
10 m/s Maximum Wind

777 SERIES 1

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			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	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	8 600							28.0
30.0	58.2	83.6	8 100 *	62.3	85.2	8 700 *	64.7	85.8	8 100							30.0
32.0	55.5	82.3	7 700 *	59.8	84.1	8 200	62.2	84.8	7 400							32.0
34.0	52.8	80.9	7 300 *	57.2	82.9	7 500	59.7	83.7	6 800							34.0
36.0	50.0	79.3	6 900 *	54.5	81.5	6 900	57.1	82.5	6 200	61.2	83.7	5 100				36.0
38.0	47.0	77.5	6 600 *	51.8	80.0	6 400	54.4	81.1	5 700	58.6	82.5	4 600				38.0
40.0	43.9	75.5	6 300 *	48.9	78.3	5 900	51.7	79.6	5 300	56.0	81.2	4 200				40.0
42.0	40.6	73.3	6 100 *	45.9	76.5	5 500	48.8	78.0	4 900	53.3	79.8	3 800				42.0
44.0	37.1	70.9	5 800 *	42.7	74.4	5 100	45.8	76.1	4 500	50.5	78.2	3 500	54.8	79.6	2 600	44.0
46.0	33.3	68.0	5 400 *	39.3	72.2	4 700	42.6	74.1	4 100	47.5	76.5	3 200	52.0	78.1	2 300	46.0
48.0	29.0	64.7	5 100 *	35.7	69.5	4 400	39.2	71.8	3 800	44.5	74.6	2 900	49.2	76.5	2 100	48.0
50.0	24.0	60.7	4 600 *	31.7	66.5	4 100	35.6	69.1	3 500	41.2	72.4	2 700	46.2	74.7	1 800	50.0
52.0	17.9	55.5	4 100 *	27.2	63.0	3 800	31.6	66.1	3 300	37.7	70.0	2 400				52.0
54.0				21.9	58.6	3 600	27.1	62.6	3 000	34.0	67.2	2 200				54.0
56.0				14.9	52.6	3 400	21.7	58.2	2 800	29.8	64.0	2 000				56.0
58.0							14.6	52.0	2 700							58.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 139 On Boom No. 78
47 630 kg Counterweight
360 Degree Rating

European Standards
10 m/s Maximum Wind

777 SERIES 1

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			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	68.3	62.5	36 400 b																10.7
12.0	64.4	61.9	32 700 b																12.0
14.0	58.3	60.8	28 200	68.8	62.2	25 300 b													14.0
16.0	51.7	59.4	24 800	62.9	61.3	22 100 b													16.0
18.0	44.5	57.6	22 000	56.7	60.2	19 600	63.2	61.0	18 200 b										18.0
20.0	36.2	55.2	19 800	50.0	58.7	17 600	57.0	59.9	16 300										20.0
22.0	25.8	51.9	18 000	42.6	56.8	15 900	50.3	58.4	14 700										22.0
24.0				33.9	54.2	14 500	42.9	56.5	13 300	55.2	58.7	11 600							24.0
26.0				22.5	50.5	13 300	34.3	54.0	12 200	48.3	57.2	10 600							26.0
28.0							23.1	50.4	11 300	40.7	55.1	9 700	53.0	57.2	8 200				28.0
30.0										31.5	52.4	8 900	45.9	55.5	7 500				30.0
32.0										18.9	48.1	8 300	37.9	53.2	6 900	50.4	55.2	5 700	32.0
34.0													28.0	50.2	6 400	43.0	53.3	5 200	34.0
36.0																34.5	50.8	4 800	36.0
38.0																23.3	47.2	4 400	38.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 139 On Boom No. 78

47 630 kg Counterweight

360 Degree Rating

European Standards
10 m/s Maximum Wind

777 SERIES 1

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			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	71.1	65.7	35 600 b																10.7
12.0	67.8	65.2	32 000 b																12.0
14.0	62.6	64.3	27 700																14.0
16.0	57.2	63.1	24 300	66.5	64.7	21 700 b													16.0
18.0	51.4	61.7	21 600	61.3	63.7	19 200													18.0
20.0	45.1	59.9	19 400	55.8	62.5	17 200	61.5	63.4	15 900										20.0
22.0	38.0	57.6	17 600	49.9	61.0	15 500	56.0	62.2	14 400										22.0
24.0	29.5	54.7	16 100	43.4	59.1	14 200	50.2	60.7	13 100										24.0
26.0				36.1	56.7	13 000	43.7	58.9	11 900	54.4	61.0	10 300							26.0
28.0				27.1	53.4	12 000	36.4	56.5	11 000	48.4	59.5	9 400							28.0
30.0				13.5	48.0	11 100	27.6	53.3	10 200	41.8	57.5	8 600	52.5	59.5	7 300				30.0
32.0							14.4	48.1	9 400	34.1	54.9	8 000	46.3	57.8	6 700				32.0
34.0										24.5	51.3	7 400	39.4	55.6	6 100	50.2	57.5	5 000	34.0
36.0													31.3	52.8	5 700	43.8	55.6	4 600	36.0
38.0													20.5	48.7	5 300	36.5	53.3	4 200	38.0
40.0																27.7	50.1	3 800	40.0
42.0																14.6	44.9	3 600	42.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 139 On Boom No. 78

47 630 kg Counterweight

360 Degree Rating

European Standards
10 m/s Maximum Wind

777 SERIES 1

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			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	73.3	68.9	34 800 b																10.7
12.0	70.4	68.5	31 300 b																12.0
14.0	65.9	67.7	27 000																14.0
16.0	61.2	66.7	23 700	69.3	68.0	21 200 b													16.0
18.0	56.3	65.5	21 100	64.7	67.1	18 800													18.0
20.0	51.1	64.0	19 000	60.0	66.1	16 800	64.9	66.9	15 600										20.0
22.0	45.5	62.2	17 200	55.1	64.8	15 200	60.2	65.8	14 000										22.0
24.0	39.3	60.0	15 700	49.8	63.3	13 800	55.3	64.6	12 700										24.0
26.0	32.2	57.3	14 400	44.1	61.4	12 600	50.0	63.0	11 600	58.9	64.7	10 000							26.0
28.0	23.2	53.4	13 300	37.7	59.1	11 600	44.3	61.2	10 600	53.8	63.4	9 100							28.0
30.0				30.2	56.1	10 700	38.0	58.9	9 800	48.5	61.8	8 400							30.0
32.0				20.4	51.9	10 000	30.6	56.0	9 100	42.6	59.8	7 700	52.1	61.8	6 400				32.0
34.0							21.0	51.8	8 500	36.0	57.3	7 100	46.6	60.1	5 900				34.0
36.0										28.2	54.2	6 600	40.6	58.0	5 400	50.1	59.8	4 300	36.0
38.0										17.3	49.4	6 200	33.6	55.3	5 000	44.4	58.0	3 900	38.0
40.0													25.1	51.8	4 600	38.1	55.7	3 600	40.0
42.0																30.7	52.8	3 300	42.0
44.0																21.1	48.6	3 100	44.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 139 On Boom No. 78
47 630 kg Counterweight
360 Degree Rating

European Standards
10 m/s Maximum Wind

777 SERIES 1

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			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	75.0	72.1	32 500 *b																10.7
12.0	72.4	71.7	30 300 b																12.0
14.0	68.4	71.0	26 400																14.0
16.0	64.3	70.1	23 200																16.0
18.0	60.1	69.0	20 600	67.4	70.5	18 300													18.0
20.0	55.6	67.8	18 500	63.3	69.6	16 300	67.6	70.2	15 100										20.0
22.0	50.9	66.3	16 700	59.0	68.5	14 700	63.5	69.3	13 600										22.0
24.0	45.9	64.5	15 200	54.5	67.1	13 300	59.2	68.2	12 300										24.0
26.0	40.4	62.4	14 000	49.7	65.6	12 200	54.7	66.9	11 200	62.3	68.2	9 600							26.0
28.0	34.2	59.8	12 900	44.6	63.7	11 200	49.9	65.3	10 200	57.9	67.0	8 700							28.0
30.0	26.8	56.4	12 000	38.9	61.5	10 300	44.8	63.5	9 400	53.4	65.7	8 000							30.0
32.0	16.6	51.3	11 200	32.5	58.7	9 600	39.2	61.3	8 700	48.5	64.1	7 300	56.5	65.5	6 000				32.0
34.0				24.6	55.0	8 900	32.8	58.5	8 100	43.3	62.1	6 800	51.8	64.1	5 500				34.0
36.0				12.9	49.2	8 400	25.0	54.9	7 500	37.5	59.8	6 200	46.9	62.4	5 100				36.0
38.0							13.7	49.2	7 000	30.8	56.8	5 800	41.5	60.3	4 600				38.0
40.0										22.4	52.8	5 400	35.4	57.8	4 300	44.9	60.3	3 300	40.0
42.0													28.3	54.6	3 900	39.3	58.1	3 000	42.0
44.0													18.9	50.0	3 700	32.9	55.3	2 700	44.0
46.0																25.1	51.7	2 500	46.0
48.0																13.8	46.1	2 300	48.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 139 On Boom No. 78
47 630 kg Counterweight
360 Degree Rating

European Standards
10 m/s Maximum Wind

777 SERIES 1

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			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	73.7	74.8	29 000 *																12.2
14.0	70.5	74.2	25 900																14.0
16.0	66.8	73.4	22 700																16.0
18.0	63.0	72.5	20 200																18.0
20.0	59.1	71.4	18 200	65.9	72.9	16 000													20.0
22.0	55.0	70.1	16 400	62.1	72.0	14 500	66.0	72.6	13 300										22.0
24.0	50.7	68.6	15 000	58.1	70.8	13 100	62.2	71.7	12 000										24.0
26.0	46.2	66.8	13 700	54.0	69.5	12 000	58.3	70.5	11 000										26.0
28.0	41.2	64.7	12 600	49.7	67.9	11 000	54.2	69.2	10 000	61.1	70.6	8 500							28.0
30.0	35.7	62.2	11 700	45.0	66.0	10 100	49.9	67.6	9 200	57.2	69.4	7 800							30.0
32.0	29.4	59.1	10 800	39.9	63.9	9 300	45.2	65.8	8 500	53.0	68.0	7 200							32.0
34.0	21.4	54.9	10 100	34.3	61.2	8 700	40.2	63.6	7 900	48.6	66.4	6 600	55.8	67.9	5 400				34.0
36.0				27.6	57.9	8 100	34.5	61.0	7 300	43.8	64.4	6 100	51.6	66.4	4 900				36.0
38.0				19.0	53.2	7 600	27.9	57.7	6 800	38.6	62.2	5 600	47.1	64.7	4 500				38.0
40.0							19.4	53.2	6 400	32.8	59.4	5 200	42.2	62.7	4 100	49.9	64.4	3 100	40.0
42.0										25.8	55.8	4 800	36.8	60.2	3 800	45.3	62.6	2 800	42.0
44.0										16.3	50.6	4 600	30.7	57.2	3 500	40.2	60.4	2 600	44.0
46.0													23.1	53.3	3 300	34.6	57.8	2 300	46.0
48.0																28.0	54.5	2 100	48.0
50.0																19.6	50.0	1 900	50.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 139 On Boom No. 78

47 630 kg Counterweight

360 Degree Rating

European Standards
10 m/s Maximum Wind

777 SERIES 1

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			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	75.1	78.0	23 000 *																12.2
14.0	72.1	77.4	22 500 *																14.0
16.0	68.8	76.7	21 800																16.0
18.0	65.4	75.9	20 000																18.0
20.0	61.9	74.9	17 900	68.0	76.2	15 800													20.0
22.0	58.3	73.8	16 200	64.6	75.4	14 200													22.0
24.0	54.6	72.4	14 800	61.0	74.3	12 900	64.7	75.1	11 900										24.0
26.0	50.6	70.9	13 500	57.4	73.1	11 800	61.2	74.1	10 800										26.0
28.0	46.4	69.1	12 400	53.6	71.8	10 800	57.6	72.9	9 900										28.0
30.0	41.9	67.1	11 500	49.6	70.2	10 000	53.8	71.5	9 100	60.2	72.9	7 700							30.0
32.0	37.0	64.6	10 700	45.3	68.4	9 200	49.8	69.9	8 300	56.5	71.7	7 000							32.0
34.0	31.4	61.7	10 000	40.8	66.2	8 500	45.5	68.1	7 700	52.7	70.3	6 400							34.0
36.0	24.8	58.0	9 300	35.7	63.7	7 900	41.0	66.0	7 200	48.6	68.7	5 900	55.3	70.2	4 800				36.0
38.0	15.7	52.5	8 800	29.9	60.6	7 400	35.9	63.5	6 600	44.3	66.8	5 500	51.4	68.7	4 400				38.0
40.0				22.9	56.5	6 900	30.2	60.4	6 200	39.6	64.5	5 000	47.2	67.0	4 000				40.0
42.0				12.5	50.3	6 600	23.2	56.4	5 800	34.4	61.9	4 700	42.8	65.0	3 700	49.8	66.7	2 700	42.0
44.0							13.1	50.3	5 500	28.4	58.6	4 400	38.0	62.6	3 400	45.6	64.9	2 400	44.0
46.0										20.8	54.2	4 100	32.5	59.8	3 100	41.0	62.8	2 200	46.0
48.0													26.1	56.2	2 900	36.0	60.3	2 000	48.0
50.0													17.7	51.3	2 600				50.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 139 On Boom No. 78
47 630 kg Counterweight
360 Degree Rating

European Standards
10 m/s Maximum Wind

777 SERIES 1

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			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	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	19 500													18.0
20.0	64.3	78.3	17 500	69.8	79.5	15 400										20.0
22.0	61.0	77.3	15 900	66.6	78.7	13 900										22.0
24.0	57.6	76.1	14 400	63.5	77.8	12 600										24.0
26.0	54.1	74.7	13 200	60.2	76.7	11 500	63.6	77.5	10 500							26.0
28.0	50.5	73.2	12 100	56.8	75.5	10 500	60.3	76.4	9 600							28.0
30.0	46.6	71.4	11 200	53.3	74.1	9 700	56.9	75.2	8 800							30.0
32.0	42.5	69.4	10 400	49.6	72.5	8 900	53.4	73.8	8 100	59.4	75.3	6 800				32.0
34.0	38.0	67.0	9 600	45.6	70.7	8 200	49.7	72.2	7 500	55.9	74.0	6 200				34.0
36.0	33.0	64.2	9 000	41.4	68.6	7 700	45.8	70.4	6 900	52.4	72.6	5 700				36.0
38.0	27.3	60.8	8 400	36.9	66.1	7 100	41.6	68.3	6 400	48.6	71.0	5 200	54.8	72.5	4 100	38.0
40.0	20.1	56.2	7 900	31.7	63.2	6 700	37.1	65.9	5 900	44.7	69.1	4 800	51.2	71.0	3 700	40.0
42.0				25.7	59.5	6 200	32.0	63.0	5 600	40.4	66.9	4 500	47.4	69.3	3 400	42.0
44.0				17.9	54.5	5 900	26.0	59.4	5 200	35.7	64.3	4 100	43.3	67.3	3 100	44.0
46.0							18.3	54.5	4 900	30.4	61.2	3 800	38.9	65.0	2 900	46.0
48.0										24.0	57.4	3 600	34.0	62.3	2 600	48.0
50.0										15.5	51.8	3 300	28.5	59.0	2 400	50.0
52.0													21.6	54.7	2 200	52.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 139 On Boom No. 78
47 630 kg Counterweight
360 Degree Rating

European Standards
10 m/s Maximum Wind

777 SERIES 1

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			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	75.2	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	17 000													20.0
22.0	63.2	80.7	15 500	68.4	82.0	13 500										22.0
24.0	60.2	79.7	14 000	65.5	81.2	12 200										24.0
26.0	57.0	78.4	12 800	62.5	80.2	11 100	65.6	80.9	10 100							26.0
28.0	53.8	77.1	11 800	59.4	79.1	10 200	62.6	79.9	9 200							28.0
30.0	50.4	75.5	10 900	56.3	77.8	9 300	59.6	78.8	8 500							30.0
32.0	46.8	73.7	10 100	53.0	76.4	8 600	56.4	77.5	7 800	61.8	78.8	6 400				32.0
34.0	43.0	71.7	9 300	49.5	74.8	7 900	53.1	76.1	7 100	58.7	77.7	5 900				34.0
36.0	38.9	69.4	8 700	45.9	73.0	7 400	49.7	74.5	6 600	55.5	76.4	5 300				36.0
38.0	34.4	66.7	8 100	42.0	70.9	6 800	46.0	72.7	6 100	52.1	74.9	4 900				38.0
40.0	29.3	63.5	7 600	37.8	68.5	6 300	42.2	70.7	5 600	48.7	73.3	4 500	54.4	74.8	3 400	40.0
42.0	23.2	59.5	7 100	33.2	65.7	5 900	38.0	68.3	5 200	45.0	71.4	4 200	51.0	73.3	3 100	42.0
44.0	15.0	53.7	6 700	27.9	62.3	5 500	33.4	65.5	4 900	41.0	69.2	3 800	47.5	71.6	2 800	44.0
46.0				21.5	58.0	5 200	28.2	62.1	4 500	36.8	66.8	3 500	43.7	69.6	2 500	46.0
48.0				12.2	51.4	4 900	21.8	57.9	4 200	32.0	63.8	3 200	39.7	67.4	2 300	48.0
50.0							12.8	51.4	4 000	26.5	60.3	3 000	35.3	64.8	2 100	50.0
52.0										19.7	55.6	2 800	30.3	61.7	1 900	52.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 139 On Boom No. 78
47 630 kg Counterweight
360 Degree Rating

European Standards
10 m/s Maximum Wind

777 SERIES 1

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			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	74.2	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	13 300										22.0
24.0	62.4	83.1	13 800	67.2	84.5	12 000										24.0
26.0	59.5	82.0	12 600	64.5	83.6	10 900	67.3	84.2	9 900							26.0
28.0	56.5	80.8	11 600	61.7	82.6	10 000	64.6	83.3	9 100							28.0
30.0	53.5	79.4	10 600	58.8	81.4	9 200	61.8	82.3	8 300							30.0
32.0	50.3	77.8	9 800	55.8	80.1	8 400	58.9	81.2	7 600							32.0
34.0	46.9	76.0	9 100	52.7	78.7	7 700	55.9	79.9	7 000	61.0	81.2	5 700				34.0
36.0	43.4	74.1	8 500	49.5	77.1	7 200	52.8	78.4	6 400	58.1	80.0	5 200				36.0
38.0	39.6	71.8	7 900	46.1	75.3	6 600	49.6	76.8	5 900	55.1	78.7	4 800				38.0
40.0	35.5	69.2	7 400	42.5	73.2	6 200	46.2	75.0	5 500	51.9	77.2	4 400	57.1	78.5	3 300	40.0
42.0	30.9	66.1	6 900	38.7	70.9	5 800	42.7	73.0	5 100	48.7	75.6	4 000	54.1	77.1	3 000	42.0
44.0	25.7	62.4	6 500	34.4	68.2	5 400	38.8	70.7	4 700	45.3	73.7	3 700	50.9	75.6	2 700	44.0
46.0	19.1	57.6	6 100	29.7	65.0	5 000	34.6	68.0	4 400	41.6	71.6	3 400	47.6	73.9	2 400	46.0
48.0				24.2	61.1	4 700	29.9	64.8	4 100	37.7	69.2	3 100	44.1	71.9	2 200	48.0
50.0				17.1	55.8	4 400	24.5	60.9	3 800	33.4	66.4	2 800	40.4	69.7	1 900	50.0
52.0							17.4	55.7	3 600	28.5	63.0	2 600				52.0
54.0										22.7	58.8	2 400				54.0
56.0										14.9	53.0	2 300				56.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 139 On Boom No. 78

47 630 kg Counterweight

360 Degree Rating

European Standards
10 m/s Maximum Wind

777 SERIES 1

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			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	75.2	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	11 600										24.0
26.0	61.6	85.5	12 100	66.2	86.9	10 600										26.0
28.0	58.9	84.4	11 300	63.6	86.0	9 600	66.3	86.7	8 700							28.0
30.0	56.1	83.1	10 300	60.9	85.0	8 800	63.7	85.7	7 900							30.0
32.0	53.2	81.7	9 500	58.2	83.8	8 100	61.0	84.7	7 300							32.0
34.0	50.2	80.1	8 800	55.4	82.5	7 500	58.3	83.5	6 700							34.0
36.0	47.1	78.3	8 200	52.5	81.0	6 900	55.5	82.2	6 100	60.3	83.6	4 900				36.0
38.0	43.8	76.4	7 600	49.4	79.4	6 400	52.6	80.7	5 600	57.5	82.4	4 500				38.0
40.0	40.3	74.2	7 100	46.3	77.6	5 900	49.6	79.1	5 200	54.7	81.0	4 100				40.0
42.0	36.5	71.6	6 600	42.9	75.5	5 500	46.4	77.3	4 800	51.8	79.5	3 700	56.6	80.9	2 700	42.0
44.0	32.3	68.7	6 200	39.4	73.3	5 100	43.1	75.3	4 400	48.7	77.9	3 400	53.8	79.5	2 400	44.0
46.0	27.6	65.2	5 800	35.5	70.6	4 700	39.5	73.0	4 100	45.5	76.0	3 100	50.8	77.9	2 100	46.0
48.0	22.0	60.9	5 500	31.2	67.6	4 400	35.7	70.4	3 800	42.1	73.9	2 800	47.7	76.2	1 900	48.0
50.0	14.5	54.8	5 200	26.3	64.0	4 100	31.4	67.4	3 500	38.5	71.5	2 600				50.0
52.0				20.4	59.3	3 900	26.6	63.8	3 300	34.5	68.8	2 300				52.0
54.0				12.0	52.5	3 700	20.7	59.2	3 000	30.1	65.7	2 100				54.0
56.0							12.5	52.5	2 800	25.0	61.9	1 900				56.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 139 On Boom No. 78
47 630 kg Counterweight
360 Degree Rating

European Standards
10 m/s Maximum Wind

777 SERIES 1

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			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	
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	8 500	65.3	89.1	7 700				30.0
32.0	55.7	85.4	7 700 *	60.3	87.3	7 800	62.9	88.1	7 000				32.0
34.0	53.0	84.0	7 300 *	57.7	86.1	7 200	60.4	87.0	6 400				34.0
36.0	50.1	82.4	6 900 *	55.0	84.8	6 600	57.8	85.8	5 900				36.0
38.0	47.2	80.6	6 600 *	52.3	83.3	6 100	55.1	84.5	5 400	59.6	85.9	4 200	38.0
40.0	44.1	78.7	6 300 *	49.4	81.7	5 600	52.4	83.1	5 000	57.0	84.7	3 800	40.0
42.0	40.8	76.5	6 100 *	46.4	79.9	5 200	49.5	81.4	4 600	54.4	83.3	3 500	42.0
44.0	37.3	74.0	5 800 *	43.3	77.9	4 800	46.6	79.6	4 200	51.6	81.8	3 200	44.0
46.0	33.5	71.2	5 500 *	40.0	75.6	4 500	43.4	77.6	3 900	48.7	80.2	2 900	46.0
48.0	29.2	67.9	5 100 *	36.4	73.1	4 100	40.1	75.4	3 600	45.7	78.3	2 600	48.0
50.0	24.3	64.0	4 600 *	32.5	70.2	3 800	36.6	72.9	3 300	42.5	76.2	2 300	50.0
52.0	18.2	58.8	4 100 *	28.1	66.7	3 600	32.7	70.0	3 000	39.1	73.9	2 100	52.0
54.0				23.0	62.6	3 400	28.3	66.6	2 800	35.5	71.3	1 900	54.0
56.0				16.4	57.0	3 200	23.2	62.4	2 600				56.0
58.0							16.7	56.9	2 400				58.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 139 On Boom No. 78

47 630 kg Counterweight

360 Degree Rating

European Standards
10 m/s Maximum Wind

777 SERIES 1

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			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	68.6	65.6	35 500 b																10.7
12.0	64.7	65.0	31 900 b																12.0
14.0	58.6	63.9	27 600 b																14.0
16.0	52.1	62.5	24 200	64.1	64.5	21 400 b													16.0
18.0	44.9	60.7	21 600	57.9	63.4	18 900													18.0
20.0	36.7	58.4	19 400	51.3	62.0	17 000	58.7	63.2	15 600 b										20.0
22.0	26.4	55.2	17 600	44.1	60.2	15 400	52.2	61.9	14 100										22.0
24.0				35.7	57.8	14 000	45.0	60.1	12 800	57.7	62.2	10 900							24.0
26.0				25.0	54.4	12 800	36.8	57.8	11 700	51.1	60.8	9 900							26.0
28.0							26.5	54.5	10 800	43.8	58.9	9 100							28.0
30.0										35.4	56.5	8 300	49.7	59.3	6 900				30.0
32.0										24.6	53.0	7 700	42.2	57.3	6 300				32.0
34.0													33.5	54.8	5 700	47.9	57.3	4 500	34.0
36.0													21.9	51.0	5 300	40.2	55.3	4 100	36.0
38.0																30.9	52.5	3 800	38.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 139 On Boom No. 78

47 630 kg Counterweight

360 Degree Rating

European Standards
10 m/s Maximum Wind

777 SERIES 1

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			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	71.4	68.8	34 700 b																10.7
12.0	68.1	68.3	31 300 b																12.0
14.0	62.9	67.4	27 000																14.0
16.0	57.5	66.2	23 800	67.5	67.9	21 000 b													16.0
18.0	51.7	64.8	21 200	62.3	66.9	18 600													18.0
20.0	45.4	63.1	19 000	56.8	65.8	16 700	63.0	66.7	15 300										20.0
22.0	38.4	60.8	17 300	51.0	64.3	15 000	57.5	65.6	13 800										22.0
24.0	30.0	57.9	15 800	44.7	62.5	13 700	51.8	64.2	12 500										24.0
26.0				37.5	60.2	12 600	45.5	62.4	11 400	56.7	64.5	9 700							26.0
28.0				29.0	57.2	11 600	38.5	60.2	10 500	50.8	63.1	8 800							28.0
30.0				16.9	52.4	10 700	30.1	57.2	9 700	44.5	61.2	8 100							30.0
32.0							18.8	52.8	9 000	37.3	58.9	7 400	49.6	61.6	6 000				32.0
34.0										28.7	55.9	6 900	43.1	59.7	5 600				34.0
36.0										16.4	51.0	6 400	35.7	57.2	5 100	48.0	59.7	3 900	36.0
38.0													26.6	53.9	4 700	41.3	57.6	3 600	38.0
40.0																33.6	55.0	3 300	40.0
42.0																23.8	51.4	3 000	42.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 139 On Boom No. 78

47 630 kg Counterweight

360 Degree Rating

European Standards
10 m/s Maximum Wind

777 SERIES 1

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			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	73.5	72.0	33 900 b																10.7
12.0	70.6	71.6	30 600 b																12.0
14.0	66.1	70.8	26 400																14.0
16.0	61.5	69.8	23 300																16.0
18.0	56.6	68.6	20 700	65.6	70.3	18 100													18.0
20.0	51.4	67.1	18 600	60.9	69.3	16 300	66.2	70.1	14 900										20.0
22.0	45.9	65.4	16 900	56.0	68.1	14 600	61.5	69.1	13 400										22.0
24.0	39.7	63.2	15 400	50.8	66.6	13 300	56.6	67.9	12 100										24.0
26.0	32.6	60.5	14 100	45.2	64.8	12 200	51.5	66.5	11 100	60.8	68.1	9 300							26.0
28.0	23.8	56.7	13 100	38.9	62.6	11 200	45.9	64.7	10 200	55.9	66.9	8 500							28.0
30.0				31.7	59.8	10 400	39.8	62.5	9 400	50.6	65.4	7 800							30.0
32.0				22.6	55.9	9 600	32.7	59.8	8 700	45.0	63.6	7 200	54.8	65.4	5 800				32.0
34.0							23.9	56.1	8 100	38.7	61.3	6 600	49.6	63.9	5 300				34.0
36.0										31.5	58.5	6 100	43.8	62.0	4 800				36.0
38.0										22.2	54.5	5 700	37.4	59.7	4 500	48.1	62.0	3 300	38.0
40.0													29.8	56.6	4 100	42.2	60.0	3 000	40.0
42.0													19.9	52.3	3 800	35.6	57.5	2 700	42.0
44.0																27.6	54.2	2 500	44.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 139 On Boom No. 78

47 630 kg Counterweight

360 Degree Rating

European Standards
10 m/s Maximum Wind

777 SERIES 1

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			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	75.2	75.2	31 700 *b																10.7
12.0	72.6	74.8	29 600 b																12.0
14.0	68.6	74.1	25 800																14.0
16.0	64.5	73.2	22 700																16.0
18.0	60.3	72.2	20 200	68.2	73.7	17 600													18.0
20.0	55.9	70.9	18 100	64.1	72.8	15 800													20.0
22.0	51.2	69.4	16 400	59.8	71.7	14 200	64.6	72.5	13 000										22.0
24.0	46.2	67.7	14 900	55.3	70.4	12 900	60.3	71.5	11 700										24.0
26.0	40.7	65.6	13 700	50.6	68.9	11 800	55.9	70.2	10 700										26.0
28.0	34.5	63.0	12 600	45.6	67.1	10 800	51.2	68.8	9 800	59.7	70.5	8 100							28.0
30.0	27.2	59.6	11 700	40.0	65.0	10 000	46.2	67.0	9 000	55.2	69.2	7 400							30.0
32.0	17.3	54.7	10 900	33.8	62.3	9 200	40.8	64.9	8 300	50.5	67.7	6 800							32.0
34.0				26.3	58.8	8 600	34.6	62.3	7 700	45.4	65.9	6 200	54.3	67.7	4 900				34.0
36.0				15.8	53.6	8 000	27.3	59.0	7 100	39.9	63.7	5 800	49.5	66.2	4 500				36.0
38.0							17.4	54.1	6 700	33.6	61.0	5 300	44.4	64.3	4 100				38.0
40.0										26.0	57.5	4 900	38.7	62.0	3 700	48.2	64.3	2 600	40.0
42.0										15.3	52.2	4 600	32.2	59.2	3 400	43.0	62.3	2 300	42.0
44.0													24.2	55.5	3 200	37.1	59.9	2 100	44.0
46.0																30.3	56.9	1 900	46.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 139 On Boom No. 78

47 630 kg Counterweight

360 Degree Rating

European Standards
10 m/s Maximum Wind

777 SERIES 1

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			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	
12.2	73.9	77.9	28 500 *b													12.2
14.0	70.7	77.3	25 300													14.0
16.0	67.0	76.5	22 300													16.0
18.0	63.2	75.6	19 800													18.0
20.0	59.3	74.5	17 800	66.6	76.1	15 500										20.0
22.0	55.3	73.2	16 100	62.8	75.2	14 000										22.0
24.0	51.0	71.7	14 700	58.9	74.1	12 700	63.3	74.9	11 500							24.0
26.0	46.4	70.0	13 500	54.8	72.7	11 600	59.4	73.9	10 500							26.0
28.0	41.5	67.9	12 400	50.5	71.2	10 600	55.3	72.6	9 600							28.0
30.0	36.1	65.4	11 500	45.9	69.4	9 800	51.0	71.1	8 800	58.7	72.8	7 200				30.0
32.0	29.8	62.3	10 700	40.9	67.3	9 000	46.5	69.3	8 100	54.7	71.5	6 600				32.0
34.0	21.9	58.2	10 000	35.4	64.8	8 400	41.6	67.2	7 500	50.3	70.0	6 100				34.0
36.0				29.0	61.6	7 800	36.1	64.8	7 000	45.7	68.2	5 600	53.8	70.1	4 300	36.0
38.0				20.8	57.3	7 300	29.8	61.7	6 500	40.8	66.0	5 200	49.5	68.5	4 000	38.0
40.0							22.0	57.6	6 000	35.2	63.5	4 800	44.8	66.6	3 600	40.0
42.0										28.7	60.3	4 400	39.7	64.4	3 300	42.0
44.0										20.5	55.9	4 200	34.0	61.7	3 000	44.0
46.0													27.3	58.4	2 800	46.0
48.0													18.5	53.6	2 600	48.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 139 On Boom No. 78
47 630 kg Counterweight
360 Degree Rating

European Standards
10 m/s Maximum Wind

777 SERIES 1

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			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	
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	21 500													16.0
18.0	65.6	79.0	19 600													18.0
20.0	62.1	78.0	17 600	68.6	79.4	15 300										20.0
22.0	58.5	76.9	15 900	65.2	78.6	13 800										22.0
24.0	54.8	75.6	14 500	61.7	77.6	12 500	65.6	78.3	11 300							24.0
26.0	50.8	74.0	13 300	58.1	76.4	11 400	62.1	77.3	10 300							26.0
28.0	46.7	72.3	12 200	54.3	75.1	10 400	58.5	76.2	9 400							28.0
30.0	42.2	70.2	11 300	50.4	73.5	9 600	54.8	74.9	8 600							30.0
32.0	37.3	67.8	10 500	46.2	71.7	8 900	50.9	73.4	8 000	58.0	75.2	6 500				32.0
34.0	31.7	64.9	9 800	41.6	69.7	8 200	46.7	71.6	7 300	54.2	73.8	6 000				34.0
36.0	25.2	61.2	9 100	36.7	67.2	7 700	42.2	69.6	6 800	50.2	72.3	5 500				36.0
38.0	16.3	55.9	8 600	31.1	64.2	7 100	37.3	67.2	6 300	46.0	70.5	5 000	53.4	72.4	3 800	38.0
40.0				24.3	60.4	6 700	31.8	64.3	5 900	41.5	68.4	4 600	49.4	70.8	3 500	40.0
42.0				15.0	54.8	6 300	25.2	60.6	5 500	36.5	65.9	4 300	45.2	68.9	3 200	42.0
44.0							16.4	55.3	5 200	30.9	62.9	4 000	40.5	66.8	2 900	44.0
46.0										24.1	59.1	3 700	35.5	64.2	2 600	46.0
48.0										14.6	53.4	3 400	29.6	61.1	2 400	48.0
50.0													22.5	57.0	2 200	50.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 139 On Boom No. 78
47 630 kg Counterweight
360 Degree Rating

European Standards
10 m/s Maximum Wind

777 SERIES 1

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			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	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	19 000													18.0
20.0	64.4	81.4	17 200	70.3	82.7	14 900										20.0
22.0	61.2	80.4	15 500	67.2	81.9	13 400										22.0
24.0	57.8	79.2	14 200	64.1	81.0	12 200										24.0
26.0	54.3	77.9	13 000	60.8	79.9	11 100	64.5	80.8	10 000							26.0
28.0	50.7	76.3	11 900	57.4	78.7	10 200	61.2	79.7	9 100							28.0
30.0	46.8	74.6	11 000	53.9	77.4	9 300	57.8	78.6	8 400							30.0
32.0	42.7	72.6	10 200	50.3	75.8	8 600	54.4	77.2	7 700	60.7	78.7	6 200				32.0
34.0	38.3	70.2	9 500	46.4	74.0	8 000	50.7	75.7	7 100	57.3	77.5	5 700				34.0
36.0	33.3	67.5	8 800	42.2	72.0	7 400	46.9	73.9	6 500	53.8	76.1	5 200				36.0
38.0	27.6	64.1	8 300	37.7	69.6	6 900	42.8	71.9	6 100	50.1	74.6	4 800				38.0
40.0	20.5	59.6	7 800	32.7	66.8	6 400	38.3	69.6	5 600	46.3	72.8	4 400	53.1	74.7	3 200	40.0
42.0				26.9	63.3	6 000	33.4	66.8	5 200	42.1	70.7	4 100	49.4	73.1	2 900	42.0
44.0				19.6	58.6	5 600	27.7	63.4	4 900	37.6	68.3	3 700	45.5	71.2	2 600	44.0
46.0							20.6	59.0	4 600	32.6	65.5	3 400	41.2	69.1	2 400	46.0
48.0										26.7	62.0	3 200	36.6	66.6	2 200	48.0
50.0										19.3	57.3	3 000	31.5	63.7	2 000	50.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 139 On Boom No. 78
47 630 kg Counterweight
360 Degree Rating

European Standards
10 m/s Maximum Wind

777 SERIES 1

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			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	75.3	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	15 200	68.9	85.2	13 000										22.0
24.0	60.4	82.8	13 800	66.0	84.3	11 800										24.0
26.0	57.2	81.6	12 600	63.1	83.4	10 700	66.4	84.1	9 700							26.0
28.0	54.0	80.2	11 600	60.0	82.3	9 800	63.4	83.2	8 800							28.0
30.0	50.6	78.6	10 600	56.9	81.1	9 000	60.4	82.1	8 000							30.0
32.0	47.0	76.9	9 800	53.6	79.7	8 300	57.2	80.9	7 300	63.0	82.2	5 900				32.0
34.0	43.2	74.9	9 100	50.2	78.1	7 700	54.0	79.5	6 800	59.9	81.1	5 400				34.0
36.0	39.1	72.6	8 500	46.6	76.3	7 100	50.6	78.0	6 200	56.7	79.8	4 900				36.0
38.0	34.6	69.9	7 900	42.8	74.3	6 500	47.0	76.2	5 700	53.5	78.4	4 500				38.0
40.0	29.6	66.8	7 400	38.6	72.0	6 100	43.2	74.2	5 300	50.1	76.9	4 100	56.1	78.4	2 900	40.0
42.0	23.6	62.8	7 000	34.1	69.3	5 700	39.2	72.0	4 900	46.5	75.1	3 700	52.8	77.0	2 600	42.0
44.0	15.6	57.1	6 600	29.0	66.0	5 300	34.7	69.3	4 600	42.6	73.1	3 400	49.4	75.4	2 300	44.0
46.0				22.8	61.9	4 900	29.6	66.1	4 300	38.5	70.7	3 100	45.7	73.5	2 100	46.0
48.0				14.4	56.0	4 700	23.6	62.1	4 000	33.9	68.0	2 900	41.8	71.5	1 900	48.0
50.0							15.7	56.5	3 700	28.8	64.7	2 600				50.0
52.0										22.6	60.6	2 400				52.0
54.0										14.0	54.5	2 200				54.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 139 On Boom No. 78
47 630 kg Counterweight
360 Degree Rating

European Standards
10 m/s Maximum Wind

777 SERIES 1

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			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	74.3	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	13 500	67.7	87.7	11 600										24.0
26.0	59.6	85.1	12 400	65.0	86.8	10 500										26.0
28.0	56.7	83.9	11 300	62.2	85.8	9 600	65.3	86.5	8 600							28.0
30.0	53.6	82.5	10 400	59.3	84.7	8 800	62.5	85.6	7 800							30.0
32.0	50.5	80.9	9 700	56.4	83.4	8 100	59.7	84.5	7 200							32.0
34.0	47.1	79.2	9 000	53.3	82.0	7 500	56.7	83.2	6 600	62.1	84.6	5 200				34.0
36.0	43.6	77.2	8 300	50.1	80.4	6 900	53.7	81.8	6 100	59.2	83.4	4 700				36.0
38.0	39.8	75.0	7 700	46.7	78.7	6 400	50.5	80.3	5 600	56.3	82.2	4 300				38.0
40.0	35.7	72.4	7 300	43.2	76.6	5 900	47.2	78.5	5 200	53.2	80.8	4 000				40.0
42.0	31.2	69.4	6 800	39.4	74.4	5 500	43.6	76.6	4 800	50.0	79.2	3 600	55.7	80.7	2 500	42.0
44.0	26.0	65.7	6 400	35.3	71.7	5 100	39.9	74.3	4 400	46.6	77.4	3 300	52.6	79.3	2 200	44.0
46.0	19.5	60.9	6 000	30.6	68.7	4 800	35.8	71.7	4 100	43.1	75.4	3 000	49.3	77.7	2 000	46.0
48.0				25.3	64.9	4 500	31.2	68.7	3 800	39.3	73.1	2 700				48.0
50.0				18.6	59.9	4 200	26.0	65.1	3 500	35.1	70.5	2 500				50.0
52.0							19.5	60.3	3 300	30.5	67.4	2 300				52.0
54.0										25.1	63.6	2 100				54.0
56.0										18.3	58.5	1 900				56.0