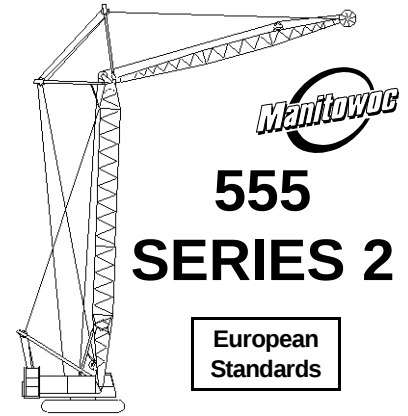


Liftcrane Luffing Jib Capacities

Luffing Jib No. 155 On
Boom No. 84
44 680 kg Crane Counterweight
19 960 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speeds
(all boom lengths)
10 m/s Maximum Wind thru 33.5m Luffing Jib
7 m/s with 36.6m thru 48.8m Luffing Jib



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SERIES 2

European
Standards

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 EN 13000, ISO 4305 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 1 180 kg minimum block weight.**

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

OPERATING CONDITIONS: Machine to operate on a firm uniformly supporting surface with bearing turntable level within a tolerance of 13 mm in 3m and properly supported. During operation, boom must be maintained at one of the selected angles shown in chart. Refer to luffing jib assembly **No. A05469**, Wire Rope Specification chart **No. 8639-A** and Luffing Jib Raising Procedure chart **No. 8640-A**. Crane operator judgment must be used to allow for dynamic load effects of swinging, hoisting or lowering, travel, wind conditions, as well as adverse operating conditions and physical machine depreciation. Refer to operators manual for operating guidelines.

WIND CONDITIONS: Machine may be operated in winds stated in Maximum Operating Wind Speed table provided crane operator judgment is used to allow for wind effect on lifted load and other considerations noted on capacity chart are followed. Wind will have a considerable effect on a load. Loads must be compensated for accordingly by reducing load ratings, reducing operating speeds or by a combination of both.

Recommend stopping operation and positioning boom at 80 degrees and luffing jib at 55 degrees when wind exceeds conditions stated in Maximum Operating Wind Speed table. Lower boom and luffing jib to ground when wind is above 22 m/s.

Do not operate luffing jib higher than 55 degrees with loads less than 1 810 kg in winds above 7 m/s at front of boom.

Operation is not permitted when wind is above conditions stated in Maximum Operating Wind Speed table.

MACHINE TRAVEL: Machine to travel on a firm, level [up to 1/2 percent (0.25 degrees) grade] and uniformly supporting surface. *Travel with 100 percent of rated load prohibited.* Travel restricted to 90 percent of rated capacity with speed not to exceed 0.4 m/s. Boom and luffing jib must be within angle range shown in capacity chart. Refer to Maximum Allowable Travel Specification chart **No. 8641-A**.

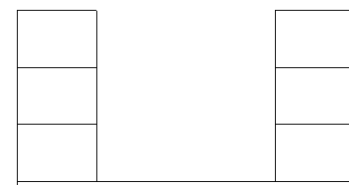
OPERATING RADIUS: Operating radius is horizontal distance from axis of rotation to center of vertical hoist line or load block. Boom angle is angle between horizontal and centerline of boom butt and inserts. Luffing jib angle is angle between horizontal and centerline of luffing jib butt and inserts,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

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

MACHINE EQUIPMENT: Machine equipped with 7 264 mm crawlers, 1 219 mm treads, 7 010 mm live mast, 16 part boom hoist reeving, boom support straps, 6 part luffing jib hoist reeving, two 38 mm luffing jib pendants, two 35 mm luffing jib backstays, rotating bed No. A01066¹ or No. A03188 (refer to I.D. plate at front of rotating bed), 44 680 kg crane counterweight and two 9 980 kg carbody counterweights.

¹WARNING: 570 kg front counterweight is required for cranes with rotating bed No. A01066 that do not have free-fall option. Counterweight can be removed only if crane has free-fall option on both front and rear drums.

Intermediate fall must be removed for use of this chart.



44 680 kg Crane Counterweight
6 Side Boxes



Liftcrane Luffing Jib Capacities

Luffing Jib No. 155 On
Boom No. 84

44 680 kg Crane Counterweight
19 960 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speeds
(all boom lengths)

10 m/s Maximum Wind thru 33.5m Luffing Jib
7 m/s with 36.6m thru 48.8m Luffing Jib

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SERIES 2

European
Standards

18.3m (60 Ft.) Boom, 18.3m (60 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			85 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 Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
10.7	63.3	36.4	40 800*b																10.7
12.0	58.5	35.7	38 200*b																12.0
14.0	50.8	34.3	32 700*	54.6	34.9	35 200*b	60.5	35.7	34 700b										14.0
16.0	42.2	32.4	28 400*	46.5	33.3	29 300*	53.0	34.4	30 100	58.8	35.1	29 200b							16.0
18.0	31.8	29.7	23 600*	37.0	31.0	25 100*	44.6	32.7	26 000	51.2	33.7	25 200							18.0
20.0				24.8	27.7	21 100*	34.8	30.2	22 600*	42.6	31.8	22 100	49.2	32.8	21 400				20.0
22.0							21.5	26.5	19 300*	32.3	29.2	19 500	40.3	30.7	19 000	46.9	31.7	18 400	22.0
24.0										17.3	24.9	17 500	29.3	27.9	17 000	37.6	29.5	16 500	24.0
26.0																25.6	26.2	14 800	26.0

18.3m (60 Ft.) Boom, 21.3m (70 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			85 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 Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
10.7	67.3	39.8	40 800*b																10.7
12.0	63.4	39.2	37 800*b																12.0
14.0	57.2	38.0	33 100*	60.2	38.5	34 900*b	65.0	39.1	34 000b										14.0
16.0	50.6	36.6	28 500*	53.8	37.3	29 600*	58.9	38.1	29 600										16.0
18.0	43.2	34.7	24 500*	46.8	35.6	25 200*	52.4	36.7	25 900	57.5	37.4	25 100							18.0
20.0	34.7	32.2	21 300*	38.9	33.4	22 000*	45.3	35.0	22 700	50.9	36.0	22 000	55.9	36.6	21 300				20.0
22.0	23.6	28.6	16 600*	29.4	30.5	19 100*	37.1	32.7	20 000	43.5	34.1	19 500	49.2	35.1	18 900				22.0
24.0				15.1	25.6	14 300*	27.0	29.5	17 800*	35.1	31.7	17 400	41.6	33.1	16 900	47.2	34.0	16 400	24.0
26.0										24.2	28.2	15 700	32.7	30.5	15 300	39.4	31.8	14 800	26.0
28.0													20.8	26.5	13 800	30.0	29.0	13 400	28.0
30.0																16.2	24.2	12 200	30.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 155 On
Boom No. 84
44 680 kg Crane Counterweight
19 960 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speeds
(all boom lengths)
10 m/s Maximum Wind thru 33.5m Luffing Jib
7 m/s with 36.6m thru 48.8m Luffing Jib

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SERIES 2**

European
Standards

18.3m (60 Ft.) Boom, 24.4m (80 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			85 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 Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
10.7	70.3	43.1	38 300*b																10.7
12.0	66.9	42.5	36 400*b																12.0
14.0	61.7	41.6	32 800*	64.2	42.0	33 900													14.0
16.0	56.2	40.4	28 600*	58.9	40.9	29 700	63.1	41.5	29 000										16.0
18.0	50.4	38.9	24 400*	53.2	39.6	25 400*	57.7	40.4	25 600										18.0
20.0	44.0	37.0	21 400*	47.1	37.9	22 000*	52.0	39.0	22 500	56.5	39.8	21 800							20.0
22.0	36.7	34.7	18 900*	40.3	35.8	19 400*	45.7	37.3	19 900	50.6	38.3	19 300	55.1	38.9	18 700				22.0
24.0	27.9	31.5	15 900*	32.4	33.1	17 300*	38.7	35.1	17 800	44.3	36.5	17 300	49.1	37.4	16 700				24.0
26.0				22.1	29.2	14 300*	30.5	32.2	16 000*	37.0	34.1	15 600	42.6	35.4	15 100	47.5	36.3	14 600	26.0
28.0							19.3	27.9	13 900*	28.3	31.0	14 100	35.1	33.0	13 700	40.7	34.2	13 200	28.0
30.0										15.8	26.1	12 900	25.8	29.5	12 500	32.8	31.5	12 100	30.0
32.0													10.8	23.5	11 400	22.8	27.7	11 100	32.0

18.3m (60 Ft.) Boom, 27.4m (90 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			85 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 Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
10.7	72.6	46.3	35 400*b																10.7
12.0	69.6	45.8	33 700*b																12.0
14.0	65.1	45.0	31 400*	67.3	45.3	32 500													14.0
16.0	60.4	44.0	28 700*	62.7	44.4	29 400													16.0
18.0	55.5	42.7	24 500*	57.9	43.3	25 500	61.7	44.0	25 100										18.0
20.0	50.2	41.2	21 400*	52.8	41.9	22 200*	56.8	42.8	22 400	60.6	43.3	21 700							20.0
22.0	44.5	39.3	18 900*	47.3	40.2	19 500*	51.7	41.3	19 800	55.7	42.1	19 200							22.0
24.0	38.2	37.1	16 900*	41.3	38.2	17 400*	46.1	39.6	17 700	50.5	40.6	17 200	54.4	41.2	16 600				24.0
26.0	30.9	34.2	15 000*	34.5	35.6	15 600*	40.0	37.4	16 000	44.8	38.8	15 500	49.1	39.7	14 900				26.0
28.0	21.3	30.1	11 600*	26.3	32.2	13 800*	33.0	34.7	14 500	38.5	36.5	14 000	43.3	37.8	13 500	47.6	38.6	13 100	28.0
30.0				14.2	26.8	10 200*	24.2	31.0	13 200*	31.2	33.6	12 800	36.9	35.4	12 400	41.7	36.5	11 900	30.0
32.0							10.0	24.5	10 200*	21.8	29.6	11 700	29.2	32.3	11 300	34.9	34.0	11 000	32.0
34.0													18.9	27.8	10 500	26.8	30.7	10 100	34.0
36.0																15.1	25.4	9 300	36.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 155 On
Boom No. 84
44 680 kg Crane Counterweight
19 960 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speeds
(all boom lengths)
10 m/s Maximum Wind thru 33.5m Luffing Jib
7 m/s with 36.6m thru 48.8m Luffing Jib

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SERIES 2**

European
Standards

18.3m (60 Ft.) Boom, 30.5m (100 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			85 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 Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
10.7	74.4	49.5	29 900*b																10.7
12.0	71.7	49.0	29 200*																12.0
14.0	67.7	48.3	27 300*	69.7	48.6	28 200*													14.0
16.0	63.6	47.4	25 500*	65.6	47.8	26 400*													16.0
18.0	59.3	46.3	23 900*	61.4	46.8	24 700*	64.7	47.4	24 600										18.0
20.0	54.8	45.0	21 800*	57.0	45.6	22 700	60.5	46.3	22 000										20.0
22.0	50.1	43.5	19 200*	52.4	44.2	19 900*	56.1	45.1	19 700	59.5	45.7	19 000							22.0
24.0	45.0	41.7	17 100*	47.5	42.5	17 700*	51.4	43.6	17 600	55.0	44.4	17 000							24.0
26.0	39.4	39.5	15 400*	42.2	40.5	15 800*	46.4	41.9	15 800	50.3	42.9	15 300	53.9	43.6	14 800				26.0
28.0	33.0	36.7	13 800*	36.2	38.0	14 300*	41.0	39.8	14 400	45.2	41.1	13 900	49.1	42.0	13 400				28.0
30.0	25.3	33.2	11 400*	29.2	34.9	12 900*	34.8	37.2	13 100	39.7	38.9	12 700	43.9	40.1	12 200	47.8	40.9	11 800	30.0
32.0	14.2	27.6	8 500*	20.3	30.6	10 400*	27.6	33.9	12 000	33.3	36.2	11 600	38.2	37.8	11 200	42.5	38.9	10 800	32.0
34.0							17.8	29.1	10 700	25.7	32.7	10 700	31.6	34.9	10 300	36.5	36.4	9 900	34.0
36.0										14.8	27.2	9 800	23.5	31.1	9 500	29.7	33.4	9 100	36.0
38.0													10.7	24.6	8 800	20.8	29.1	8 500	38.0

18.3m (60 Ft.) Boom, 33.5m (110 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			85 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 Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
10.7	75.8	52.6	28 800*b																10.7
12.0	73.4	52.2	27 500*																12.0
14.0	69.8	51.6	25 600*	71.6	51.8	26 500*													14.0
16.0	66.2	50.8	24 000*	67.9	51.1	24 700*													16.0
18.0	62.4	49.8	22 400*	64.2	50.2	23 200*													18.0
20.0	58.4	48.7	21 000*	60.3	49.2	21 700*	63.4	49.8	21 600										20.0
22.0	54.3	47.3	19 400*	56.3	47.9	20 200*	59.5	48.7	19 500										22.0
24.0	50.0	45.8	17 100*	52.1	46.5	17 800*	55.4	47.4	17 600	58.6	48.0	17 000							24.0
26.0	45.4	44.0	15 400*	47.6	44.8	15 900*	51.2	45.9	15 800	54.5	46.7	15 300	57.6	47.2	14 700				26.0
28.0	40.4	41.8	14 000*	42.8	42.8	14 300*	46.6	44.2	14 300	50.2	45.2	13 900	53.5	45.9	13 400				28.0
30.0	34.7	39.2	12 700*	37.5	40.5	13 000*	41.7	42.1	13 100	45.6	43.4	12 600	49.1	44.3	12 200				30.0
32.0	28.2	36.0	10 900*	31.5	37.5	11 900*	36.3	39.7	12 000	40.6	41.2	11 600	44.4	42.4	11 200	47.9	43.2	10 700	32.0
34.0	19.8	31.5	8 600*	24.1	33.7	10 300*	30.1	36.6	11 100	35.0	38.7	10 700	39.3	40.2	10 300	43.1	41.2	9 900	34.0
36.0				13.5	27.9	7 700*	22.3	32.5	10 100	28.5	35.4	9 900	33.5	37.4	9 500	37.8	38.8	9 100	36.0
38.0							10.0	25.6	7 800*	20.2	31.0	9 100	26.7	34.0	8 800	31.8	36.0	8 400	38.0
40.0													17.6	29.1	8 100	24.6	32.2	7 800	40.0
42.0																14.3	26.6	7 200	42.0



Liftcrane Luffing Jib Capacities

**Luffing Jib No. 155 On
Boom No. 84
44 680 kg Crane Counterweight
19 960 kg Carbody Counterweight
360 Degree Rating**

**Maximum Operating Wind Speeds
(all boom lengths)**
10 m/s Maximum Wind thru 33.5m Luffing Jib
7 m/s with 36.6m thru 48.8m Luffing Jib

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SERIES 2**

**European
Standards**

18.3m (60 Ft.) Boom, 36.6m (120 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			85 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 Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
12.2	74.6	55.4	25 400*																12.2
14.0	71.6	54.8	23 900*																14.0
16.0	68.3	54.1	22 300*	69.9	54.4	23 100*													16.0
18.0	64.8	53.2	20 900*	66.5	53.6	21 600*													18.0
20.0	61.3	52.2	19 500*	63.0	52.6	20 200*	65.8	53.2	21 200										20.0
22.0	57.7	51.0	18 300*	59.4	51.5	18 900*	62.3	52.2	19 100										22.0
24.0	53.9	49.7	17 100*	55.7	50.3	17 700*	58.7	51.0	17 400										24.0
26.0	49.9	48.1	15 300*	51.8	48.8	15 900*	54.9	49.7	15 700	57.8	50.4	15 100							26.0
28.0	45.7	46.3	13 900*	47.7	47.1	14 300*	51.0	48.2	14 200	54.1	49.0	13 700	56.9	49.6	13 200				28.0
30.0	41.1	44.2	12 700*	43.4	45.1	13 000*	46.8	46.5	13 000	50.1	47.5	12 500	53.1	48.2	12 000				30.0
32.0	36.1	41.7	11 600*	38.6	42.8	11 800*	42.4	44.5	11 900	45.9	45.7	11 400	49.1	46.6	11 000	52.1	47.1	10 600	32.0
34.0	30.4	38.6	10 400*	33.2	40.1	10 900*	37.5	42.1	10 900	41.3	43.6	10 500	44.8	44.7	10 100	48.0	45.5	9 700	34.0
36.0	23.5	34.7	8 400*	27.0	36.6	9 700*	32.0	39.2	10 100	36.3	41.1	9 700	40.2	42.5	9 300	43.6	43.5	8 900	36.0
38.0	13.6	28.7	6 300*	18.9	31.9	7 800*	25.5	35.5	9 400	30.7	38.1	9 000	35.0	39.9	8 600	38.8	41.2	8 300	38.0
40.0							16.8	30.4	8 100*	23.8	34.2	8 400	29.1	36.7	8 000	33.5	38.5	7 700	40.0
42.0										14.2	28.4	7 600	21.8	32.5	7 400	27.4	35.1	7 100	42.0
44.0													10.6	25.7	6 900	19.5	30.5	6 600	44.0

18.3m (60 Ft.) Boom, 39.6m (130 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			85 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 Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
12.2	75.8	58.5	23 500*																12.2
14.0	73.1	58.0	22 100*																14.0
16.0	70.0	57.3	20 700*	71.5	57.6	21 400*													16.0
18.0	66.9	56.5	19 400*	68.4	56.9	20 000*													18.0
20.0	63.7	55.6	18 200*	65.2	56.0	18 800*	67.7	56.5	19 600*										20.0
22.0	60.4	54.6	17 100*	62.0	55.0	17 600*	64.6	55.6	18 400*										22.0
24.0	57.1	53.4	16 000*	58.7	53.9	16 500*	61.3	54.6	17 100										24.0
26.0	53.5	52.0	15 000*	55.2	52.6	15 500*	58.0	53.4	15 500	60.6	53.9	15 000							26.0
28.0	49.8	50.4	13 900*	51.6	51.1	14 500*	54.5	52.0	14 100	57.2	52.7	13 500							28.0
30.0	45.9	48.6	12 700*	47.8	49.4	13 000*	50.8	50.5	12 800	53.7	51.4	12 300							30.0
32.0	41.8	46.5	11 600*	43.8	47.5	11 900*	47.0	48.8	11 700	50.0	49.8	11 300	52.8	50.5	10 800				32.0
34.0	37.2	44.1	10 700*	39.5	45.2	10 900*	42.9	46.8	10 800	46.1	48.0	10 400	49.1	48.9	10 000	51.8	49.5	9 600	34.0
36.0	32.1	41.2	9 600*	34.7	42.6	10 000*	38.5	44.5	10 000	42.0	45.9	9 600	45.1	47.0	9 200	48.1	47.8	8 800	36.0
38.0	26.2	37.6	8 000*	29.2	39.3	9 200*	33.6	41.7	9 200	37.4	43.5	8 900	40.9	44.9	8 500	44.0	45.8	8 100	38.0
40.0	18.6	32.8	6 400*	22.5	35.2	7 600*	27.9	38.3	8 600	32.4	40.7	8 200	36.3	42.4	7 900	39.7	43.6	7 500	40.0
42.0				13.1	29.0	5 700*	20.9	33.9	7 700	26.5	37.1	7 600	31.0	39.4	7 300	34.9	41.0	7 000	42.0
44.0							10.0	26.7	5 900*	19.0	32.3	7 100	24.9	35.6	6 800	29.5	37.8	6 500	44.0
46.0													16.7	30.3	6 300	23.0	33.7	6 100	46.0
48.0																13.8	27.7	5 600	48.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 155 On
Boom No. 84
44 680 kg Crane Counterweight
19 960 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speeds
(all boom lengths)
10 m/s Maximum Wind thru 33.5m Luffing Jib
7 m/s with 36.6m thru 48.8m Luffing Jib

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SERIES 2

European
Standards

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

Jib Oper. Rad. m	88 Degree Boom Angle			85 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 Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
13.7	74.7	61.3	20 600*																13.7
14.0	74.3	61.2	20 400*																14.0
16.0	71.5	60.6	19 100*																16.0
18.0	68.6	59.8	17 900*	70.0	60.1	18 400*													18.0
20.0	65.7	59.0	16 700*	67.1	59.3	17 300*													20.0
22.0	62.7	58.0	15 600*	64.2	58.4	16 100*	66.5	58.9	16 900*										22.0
24.0	59.7	56.9	14 600*	61.1	57.4	15 100*	63.5	58.0	15 900*										24.0
26.0	56.5	55.7	13 700*	58.0	56.2	14 100*	60.5	56.9	14 900*	62.9	57.4	14 600							26.0
28.0	53.2	54.3	12 800*	54.8	54.9	13 200*	57.4	55.7	13 900	59.8	56.3	13 400							28.0
30.0	49.8	52.7	12 000*	51.4	53.4	12 400*	54.1	54.4	12 700	56.6	55.1	12 200							30.0
32.0	46.2	50.9	11 200*	47.9	51.7	11 600*	50.7	52.8	11 600	53.4	53.7	11 200	55.8	54.2	10 700				32.0
34.0	42.3	48.8	10 500*	44.2	49.8	10 800*	47.2	51.1	10 700	49.9	52.1	10 200	52.5	52.8	9 800				34.0
36.0	38.2	46.5	9 700*	40.2	47.6	9 900*	43.4	49.1	9 800	46.3	50.3	9 400	49.1	51.2	9 000				36.0
38.0	33.6	43.7	9 000*	35.8	45.0	9 100*	39.3	46.8	9 100	42.5	48.3	8 700	45.4	49.3	8 300	48.1	50.1	8 000	38.0
40.0	28.4	40.4	7 600*	31.0	42.0	8 500*	34.9	44.2	8 400	38.3	45.9	8 000	41.5	47.2	7 700	44.4	48.2	7 400	40.0
42.0	22.1	36.1	6 200*	25.2	38.2	7 300*	29.8	41.0	7 800	33.8	43.2	7 500	37.3	44.8	7 200	40.4	46.0	6 800	42.0
44.0	13.2	29.8	4 700*	17.9	33.2	5 800*	23.9	37.1	7 300	28.6	39.9	7 000	32.6	41.9	6 700	36.1	43.4	6 300	44.0
46.0							16.0	31.6	6 000*	22.4	35.7	6 500	27.2	38.4	6 200	31.2	40.4	5 900	46.0
48.0										13.7	29.5	5 900	20.6	33.9	5 700	25.6	36.7	5 500	48.0
50.0													10.5	26.7	5 400	18.4	31.8	5 100	50.0



Liftcrane Luffing Jib Capacities

**Luffing Jib No. 155 On
Boom No. 84
44 680 kg Crane Counterweight
19 960 kg Carbody Counterweight
360 Degree Rating**

**Maximum Operating Wind Speeds
(all boom lengths)**
10 m/s Maximum Wind thru 33.5m Luffing Jib
7 m/s with 36.6m thru 48.8m Luffing Jib

**555
SERIES 2**

**European
Standards**

18.3m (60 Ft.) Boom, 45.7m (150 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			85 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 Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
13.7	75.7	64.4	19 100*																13.7
14.0	75.4	64.3	18 900*																14.0
16.0	72.8	63.8	17 700*																16.0
18.0	70.1	63.1	16 500*	71.4	63.4	17 000*													18.0
20.0	67.4	62.3	15 400*	68.7	62.6	15 900*													20.0
22.0	64.7	61.4	14 400*	66.0	61.8	14 800*													22.0
24.0	61.9	60.4	13 400*	63.2	60.8	13 900*	65.4	61.4	14 600*										24.0
26.0	59.0	59.3	12 500*	60.4	59.8	12 900*	62.6	60.4	13 600*										26.0
28.0	56.0	58.0	11 700*	57.5	58.6	12 000*	59.8	59.3	12 700*	62.0	59.8	13 200							28.0
30.0	52.9	56.6	10 900*	54.4	57.2	11 200*	56.8	58.1	11 900*	59.1	58.7	12 100							30.0
32.0	49.7	55.0	10 200*	51.3	55.7	10 500*	53.8	56.7	11 100*	56.2	57.4	11 100							32.0
34.0	46.4	53.2	9 500*	48.0	54.0	9 800*	50.6	55.1	10 400*	53.1	56.0	10 200	55.4	56.6	9 700				34.0
36.0	42.8	51.2	8 800*	44.5	52.1	9 200*	47.3	53.4	9 700*	49.9	54.4	9 400	52.3	55.1	8 900				36.0
38.0	39.0	48.9	8 300*	40.8	49.9	8 600*	43.8	51.4	9 000*	46.5	52.6	8 600	49.1	53.5	8 300				38.0
40.0	34.8	46.2	7 700*	36.8	47.4	8 000*	40.0	49.2	8 400	42.9	50.6	8 000	45.7	51.6	7 600	48.2	52.4	7 300	40.0
42.0	30.1	43.0	7 200*	32.4	44.5	7 500*	35.9	46.6	7 800	39.1	48.3	7 400	42.0	49.5	7 100	44.7	50.5	6 800	42.0
44.0	24.7	39.2	6 000*	27.4	41.1	6 900*	31.4	43.6	7 300	35.0	45.6	6 900	38.2	47.2	6 600	41.0	48.3	6 300	44.0
46.0	17.7	34.0	4 700*	21.3	36.6	5 700*	26.2	40.0	6 700	30.3	42.5	6 500	33.9	44.4	6 100	37.1	45.8	5 800	46.0
48.0				12.7	30.1	4 200*	19.8	35.3	6 100	24.9	38.7	6 000	29.1	41.2	5 700	32.7	43.0	5 400	48.0
50.0							10.1	27.8	4 400*	18.1	33.6	5 600	23.4	37.1	5 300	27.7	39.5	5 000	50.0
52.0													16.0	31.5	5 000				52.0
54.0																13.3	28.8	4 400	54.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 155 On
Boom No. 84
44 680 kg Crane Counterweight
19 960 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speeds
(all boom lengths)
10 m/s Maximum Wind thru 33.5m Luffing Jib
7 m/s with 36.6m thru 48.8m Luffing Jib

18.3m (60 Ft.) Boom, 48.8m (160 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			85 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 Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
15.2	75.2	67.2	14 800*																15.2
16.0	74.2	67.0	14 400*																16.0
18.0	71.8	66.4	13 400*																18.0
20.0	69.3	65.7	12 400*	70.5	66.0	12 900*													20.0
22.0	66.8	64.9	11 600*	68.0	65.2	12 000*													22.0
24.0	64.2	64.0	10 800*	65.4	64.4	11 100*													24.0
26.0	61.5	63.0	10 000*	62.8	63.4	10 300*	64.9	64.0	10 900*										26.0
28.0	58.8	61.8	9 300*	60.1	62.3	9 600*	62.2	63.0	10 200*										28.0
30.0	56.0	60.6	8 600*	57.4	61.1	8 900*	59.6	61.8	9 500*	61.6	62.3	10 000*							30.0
32.0	53.2	59.1	8 000*	54.5	59.8	8 300*	56.8	60.6	8 800*	58.9	61.2	9 300*							32.0
34.0	50.2	57.5	7 400*	51.6	58.3	7 700*	53.9	59.2	8 200*	56.2	59.9	8 600*							34.0
36.0	47.0	55.8	6 900*	48.5	56.6	7 200*	51.0	57.7	7 600*	53.3	58.5	8 000*	55.5	59.1	8 400*				36.0
38.0	43.7	53.8	6 400*	45.3	54.7	6 700*	47.9	56.0	7 100*	50.3	57.0	7 500*	52.6	57.7	7 800*				38.0
40.0	40.2	51.6	6 000*	41.9	52.6	6 200*	44.6	54.1	6 600*	47.2	55.2	6 900*	49.5	56.0	7 300*	51.8	56.6	7 200	40.0
42.0	36.4	49.1	5 500*	38.3	50.2	5 800*	41.2	51.9	6 100*	43.9	53.2	6 500*	46.4	54.2	6 800*	48.7	54.9	6 600	42.0
44.0	32.2	46.1	5 200*	34.3	47.5	5 300*	37.5	49.5	5 700*	40.4	51.0	6 000*	43.0	52.2	6 300*	45.5	53.1	6 100	44.0
46.0	27.5	42.7	4 800*	29.9	44.3	5 000*	33.4	46.7	5 200*	36.6	48.5	5 600*	39.5	49.9	5 900*	42.1	51.0	5 700	46.0
48.0	21.9	38.3	4 500*	24.7	40.5	4 600*	28.9	43.3	4 900*	32.4	45.6	5 200*	35.6	47.3	5 500*	38.5	48.6	5 300	48.0
50.0	14.4	32.2	3 600*	18.3	35.4	4 300*	23.5	39.3	4 600*	27.7	42.1	4 800*	31.4	44.3	5 100*	34.5	45.9	4 900	50.0
52.0							16.7	33.8	4 300*	22.2	37.8	4 500*	26.5	40.7	4 700*	30.1	42.8	4 600	52.0
54.0										14.8	31.9	4 200*	20.6	36.1	4 400*	25.1	38.9	4 200	54.0
56.0													12.3	29.3	4 200*	18.7	34.0	4 000	56.0



Liftcrane Luffing Jib Capacities

**Luffing Jib No. 155 On
Boom No. 84
44 680 kg Crane Counterweight
19 960 kg Carbody Counterweight
360 Degree Rating**

**Maximum Operating Wind Speeds
(all boom lengths)**
10 m/s Maximum Wind thru 33.5m Luffing Jib
7 m/s with 36.6m thru 48.8m Luffing Jib

**555
SERIES 2**

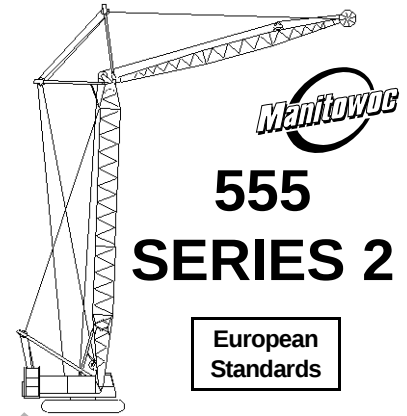
**European
Standards**

21.3m (70 Ft.) Boom, 18.3m (60 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			85 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 Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
10.7	63.7	39.5	40 800*b																10.7
12.0	58.9	38.8	37 400*b																12.0
14.0	51.3	37.4	32 100*b	55.6	38.2	35 000b	62.3	39.0	33 800b										14.0
16.0	42.7	35.5	28 100*	47.6	36.6	30 600	55.0	37.8	29 400b										16.0
18.0	32.4	33.0	24 800*	38.4	34.4	26 700	46.9	36.2	25 800	54.3	37.2	24 900b							18.0
20.0				26.8	31.3	23 100	37.6	34.0	22 500	46.1	35.6	21 800	53.4	36.5	21 000b				20.0
22.0							25.6	30.7	20 000	36.6	33.3	19 300	45.1	34.7	18 600				22.0
24.0										24.2	29.9	17 300	35.4	32.4	16 700	43.8	33.7	16 100	24.0
26.0																33.8	31.2	14 500	26.0
28.0																19.9	27.3	13 100	28.0

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

Jib Oper. Rad. m	88 Degree Boom Angle			85 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 Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
10.7	67.7	42.9	40 700*b																10.7
12.0	63.7	42.3	37 600*b																12.0
14.0	57.6	41.2	32 200*	61.0	41.7	34 200b	66.6	42.4	33 000b										14.0
16.0	50.9	39.7	28 100*	54.7	40.5	29 900	60.6	41.4	28 800b										16.0
18.0	43.6	37.9	25 100*	47.8	38.9	26 500	54.2	40.1	25 500										18.0
20.0	35.2	35.4	22 500*	40.1	36.8	23 300	47.2	38.5	22 500	53.5	39.5	21 700							20.0
22.0	24.3	31.9	17 800*	30.8	34.0	20 500	39.4	36.3	19 900	46.5	37.9	19 200	52.8	38.8	18 500				22.0
24.0				17.7	29.5	15 900*	29.9	33.5	17 800	38.6	35.7	17 200	45.7	37.0	16 600				24.0
26.0										28.9	32.7	15 500	37.6	34.8	14 900	44.6	36.0	14 400	26.0
28.0													27.6	31.7	13 500	36.3	33.7	13 100	28.0
30.0																25.9	30.4	11 900	30.0
32.0																6.5	23.5	10 900	32.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 155 On
Boom No. 84
44 680 kg Crane Counterweight
19 960 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speeds
(all boom lengths)
10 m/s Maximum Wind thru 33.5m Luffing Jib
7 m/s with 36.6m thru 48.8m Luffing Jib

**555
SERIES 2**

European
Standards

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

Jib Oper. Rad. m	88 Degree Boom Angle			85 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 Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
10.7	70.6	46.2	38 000*b																10.7
12.0	67.2	45.6	36 300*b																12.0
14.0	62.0	44.7	32 700*	64.9	45.2	33 500b													14.0
16.0	56.5	43.5	28 300*	59.6	44.1	29 200	64.5	44.8	28 200b										16.0
18.0	50.7	42.0	25 100*	54.0	42.8	25 900	59.2	43.7	24 900										18.0
20.0	44.3	40.2	22 600*	48.0	41.2	23 100	53.5	42.4	22 300	58.7	43.2	21 400							20.0
22.0	37.1	37.9	20 500*	41.3	39.2	20 500	47.5	40.8	19 800	53.0	41.8	19 000							22.0
24.0	28.4	34.8	17 100*	33.5	36.5	18 400	40.7	38.7	17 700	46.9	40.2	17 000	52.3	41.1	16 400				24.0
26.0				23.7	32.9	15 700*	32.8	36.0	16 000	40.0	38.0	15 300	46.1	39.4	14 800	51.4	40.1	14 200	26.0
28.0							22.7	32.2	14 500	32.0	35.3	13 900	39.2	37.2	13 400	45.1	38.3	12 800	28.0
30.0										21.6	31.3	12 700	31.0	34.3	12 200	38.1	36.1	11 700	30.0
32.0													20.0	30.1	11 200	29.6	33.1	10 700	32.0
34.0																17.9	28.6	9 900	34.0

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

Jib Oper. Rad. m	88 Degree Boom Angle			85 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 Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
10.7	72.8	49.4	35 200*b																10.7
12.0	69.9	48.9	33 600*b																12.0
14.0	65.3	48.1	31 400*	67.9	48.5	32 600b													14.0
16.0	60.7	47.1	28 900*	63.3	47.6	28 700													16.0
18.0	55.7	45.8	25 300*	58.5	46.5	25 400	62.9	47.2	24 500										18.0
20.0	50.5	44.3	22 700*	53.5	45.1	22 800	58.1	46.1	21 900	62.5	46.7	21 000							20.0
22.0	44.9	42.5	20 600*	48.1	43.5	20 500	53.1	44.7	19 700	57.7	45.5	18 900							22.0
24.0	38.6	40.3	18 700	42.2	41.5	18 300	47.6	43.1	17 600	52.6	44.2	16 900							24.0
26.0	31.3	37.4	16 000*	35.5	39.0	16 500	41.7	41.0	15 800	47.1	42.5	15 300	51.9	43.4	14 600				26.0
28.0	21.9	33.4	12 400*	27.5	35.7	14 700	34.9	38.5	14 400	41.1	40.4	13 800	46.4	41.7	13 300	51.2	42.4	12 700	28.0
30.0				16.3	30.8	11 400*	26.8	35.2	13 200	34.2	37.8	12 600	40.3	39.5	12 100	45.6	40.7	11 600	30.0
32.0							15.1	29.9	12 000	25.9	34.4	11 600	33.4	36.9	11 100	39.4	38.5	10 600	32.0
34.0													24.8	33.3	10 200	32.3	35.7	9 800	34.0
36.0																23.3	31.9	9 000	36.0
38.0																7.5	24.6	8 300	38.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 155 On
Boom No. 84
44 680 kg Crane Counterweight
19 960 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speeds
(all boom lengths)
10 m/s Maximum Wind thru 33.5m Luffing Jib
7 m/s with 36.6m thru 48.8m Luffing Jib

European
Standards

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

Jib Oper. Rad. m	88 Degree Boom Angle			85 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 Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
10.7	74.6	52.5	29 900*b																10.7
12.0	71.9	52.1	29 100*																12.0
14.0	67.9	51.4	27 200*	70.2	51.7	28 300*													14.0
16.0	63.8	50.5	25 500*	66.1	51.0	26 500*													16.0
18.0	59.6	49.4	23 900*	62.0	50.0	24 700													18.0
20.0	55.1	48.2	22 500	57.6	48.8	22 300	61.6	49.6	21 400										20.0
22.0	50.4	46.6	20 700	53.0	47.4	20 100	57.3	48.4	19 300	61.2	49.1	18 600							22.0
24.0	45.3	44.8	18 600	48.2	45.8	18 100	52.7	47.0	17 400	56.8	47.9	16 700							24.0
26.0	39.7	42.6	16 700	42.9	43.8	16 300	47.8	45.4	15 700	52.2	46.5	15 100	56.3	47.2	14 400				26.0
28.0	33.4	39.9	15 000	37.0	41.4	14 800	42.5	43.4	14 300	47.3	44.8	13 700	51.7	45.7	13 100				28.0
30.0	25.8	36.4	12 200*	30.2	38.4	13 600	36.5	41.0	13 000	41.9	42.7	12 500	46.7	44.0	11 900				30.0
32.0	15.0	31.0	9 100*	21.6	34.3	11 400	29.7	37.9	11 900	35.9	40.3	11 400	41.3	41.9	10 900	45.9	43.0	10 400	32.0
34.0							20.8	33.6	10 900	28.9	37.1	10 500	35.2	39.4	10 000	40.4	40.8	9 600	34.0
36.0										19.8	32.7	9 700	28.0	36.1	9 300	34.2	38.2	8 900	36.0
38.0													18.5	31.5	8 600	26.8	34.8	8 200	38.0
40.0																16.7	29.8	7 500	40.0

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

Jib Oper. Rad. m	88 Degree Boom Angle			85 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 Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
10.7	76.0	55.7	28 600*b																10.7
12.0	73.6	55.3	27 300*																12.0
14.0	70.0	54.7	25 600*	72.1	55.0	26 600*													14.0
16.0	66.4	53.9	23 900*	68.4	54.2	24 800*													16.0
18.0	62.6	52.9	22 400*	64.7	53.4	23 300*													18.0
20.0	58.6	51.8	21 000*	60.9	52.3	21 800	64.4	53.0	21 100										20.0
22.0	54.6	50.5	19 800*	56.9	51.1	19 900	60.5	52.0	19 000										22.0
24.0	50.2	48.9	18 500	52.7	49.7	18 100	56.5	50.8	17 300	60.2	51.5	16 600							24.0
26.0	45.6	47.1	16 700	48.2	48.1	16 300	52.3	49.3	15 700	56.1	50.2	15 000							26.0
28.0	40.6	45.0	15 200	43.5	46.1	14 800	47.9	47.7	14 200	51.9	48.8	13 600	55.7	49.5	13 100				28.0
30.0	35.1	42.4	13 800	38.2	43.8	13 500	43.1	45.7	13 000	47.4	47.1	12 400	51.4	48.0	11 900				30.0
32.0	28.6	39.2	11 700	32.3	41.0	12 400	37.8	43.4	11 900	42.6	45.1	11 400	46.9	46.3	10 900	50.8	47.0	10 400	32.0
34.0	20.3	34.8	9 200*	25.2	37.4	11 200	31.8	40.5	10 900	37.3	42.7	10 500	42.0	44.2	10 000	46.2	45.3	9 600	34.0
36.0				15.4	32.0	8 500*	24.6	36.7	10 100	31.2	39.7	9 700	36.6	41.8	9 200	41.3	43.2	8 800	36.0
38.0							14.3	31.1	9 000	23.8	35.9	9 000	30.4	38.8	8 600	35.8	40.7	8 100	38.0
40.0													22.8	34.8	8 000	29.4	37.5	7 600	40.0
42.0																21.5	33.3	7 000	42.0
44.0																8.0	25.7	6 500	44.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 155 On
Boom No. 84
44 680 kg Crane Counterweight
19 960 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speeds
(all boom lengths)
10 m/s Maximum Wind thru 33.5m Luffing Jib
7 m/s with 36.6m thru 48.8m Luffing Jib

**555
SERIES 2**

European
Standards

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

Jib Oper. Rad. m	88 Degree Boom Angle			85 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 Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
12.2	74.7	58.4	25 200*																12.2
14.0	71.8	57.9	23 800*																14.0
16.0	68.4	57.2	22 300*	70.3	57.5	23 100*													16.0
18.0	65.0	56.3	20 900*	66.9	56.7	21 700*													18.0
20.0	61.5	55.3	19 500*	63.5	55.8	20 300*	66.7	56.4	20 600										20.0
22.0	57.9	54.1	18 300*	59.9	54.7	19 000*	63.2	55.5	18 700										22.0
24.0	54.1	52.8	17 200*	56.2	53.5	17 700	59.6	54.4	17 000										24.0
26.0	50.1	51.2	16 200	52.4	52.0	16 200	55.9	53.1	15 500	59.3	53.8	14 900							26.0
28.0	45.9	49.4	15 100	48.3	50.4	14 700	52.1	51.7	14 100	55.6	52.5	13 500							28.0
30.0	41.4	47.3	13 800	44.0	48.5	13 400	48.0	50.0	12 800	51.7	51.1	12 300	55.1	51.8	11 700				30.0
32.0	36.4	44.8	12 600	39.2	46.2	12 300	43.6	48.0	11 800	47.6	49.4	11 200	51.2	50.3	10 700				32.0
34.0	30.7	41.8	11 100*	34.0	43.5	11 300	38.8	45.7	10 800	43.2	47.4	10 400	47.1	48.6	9 900	50.6	49.3	9 400	34.0
36.0	23.9	38.0	9 000*	27.9	40.2	10 400	33.5	43.0	10 000	38.4	45.1	9 600	42.6	46.6	9 100	46.5	47.6	8 600	36.0
38.0	14.3	32.2	6 900*	20.2	35.7	8 600*	27.3	39.6	9 300	33.0	42.3	8 800	37.8	44.2	8 400	42.0	45.5	8 000	38.0
40.0							19.5	35.0	8 500	26.7	38.8	8 200	32.3	41.3	7 800	37.0	43.1	7 400	40.0
42.0										18.5	34.0	7 600	25.9	37.8	7 300	31.5	40.2	6 900	42.0
44.0													17.4	32.7	6 700	24.8	36.4	6 400	44.0
46.0																15.8	31.0	5 900	46.0

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

Jib Oper. Rad. m	88 Degree Boom Angle			85 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 Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
12.2	75.9	61.6	23 300*																12.2
14.0	73.2	61.1	22 000*																14.0
16.0	70.2	60.4	20 600*	71.9	60.7	21 400*													16.0
18.0	67.1	59.6	19 400*	68.8	60.0	20 100*													18.0
20.0	63.9	58.7	18 200*	65.7	59.2	18 800*													20.0
22.0	60.6	57.7	17 100*	62.4	58.2	17 700*	65.4	58.8	18 300										22.0
24.0	57.2	56.5	16 000*	59.1	57.1	16 600*	62.2	57.8	16 600										24.0
26.0	53.7	55.1	15 100*	55.7	55.8	15 600*	58.9	56.7	15 200	61.9	57.3	14 500							26.0
28.0	50.0	53.5	14 200*	52.1	54.3	14 600	55.4	55.4	14 000	58.5	56.2	13 300							28.0
30.0	46.2	51.7	13 400*	48.4	52.7	13 300	51.8	54.0	12 700	55.1	54.9	12 100							30.0
32.0	42.0	49.7	12 500	44.4	50.8	12 200	48.0	52.3	11 600	51.5	53.4	11 100	54.7	54.1	10 600				32.0
34.0	37.5	47.3	11 500	40.1	48.6	11 200	44.0	50.3	10 700	47.7	51.7	10 200	51.1	52.6	9 700				34.0
36.0	32.4	44.4	10 400	35.3	46.0	10 300	39.7	48.1	9 900	43.6	49.7	9 400	47.2	50.9	9 000	50.5	51.6	8 500	36.0
38.0	26.6	40.9	8 700*	30.0	42.9	9 600	34.9	45.5	9 100	39.3	47.5	8 700	43.1	48.9	8 300	46.7	49.9	7 800	38.0
40.0	19.1	36.1	6 900*	23.5	38.9	8 400*	29.5	42.3	8 500	34.4	44.8	8 100	38.7	46.6	7 600	42.5	47.8	7 200	40.0
42.0				14.7	33.1	6 400*	22.9	38.2	7 900	28.9	41.5	7 500	33.8	43.9	7 100	38.1	45.5	6 700	42.0
44.0							13.8	32.2	6 900	22.2	37.4	7 000	28.2	40.5	6 600	33.1	42.7	6 300	44.0
46.0													21.3	36.2	6 100	27.3	39.2	5 800	46.0
48.0																20.2	34.7	5 400	48.0
50.0																8.4	26.9	5 000	50.0



Liftcrane Luffing Jib Capacities

**Luffing Jib No. 155 On
Boom No. 84
44 680 kg Crane Counterweight
19 960 kg Carbody Counterweight
360 Degree Rating**

**Maximum Operating Wind Speeds
(all boom lengths)**
10 m/s Maximum Wind thru 33.5m Luffing Jib
7 m/s with 36.6m thru 48.8m Luffing Jib

**555
SERIES 2**

**European
Standards**

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

Jib Oper. Rad. m	88 Degree Boom Angle			85 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 Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
13.7	74.8	64.3	20 500*																13.7
14.0	74.4	64.3	20 300*																14.0
16.0	71.6	63.7	19 000*																16.0
18.0	68.8	62.9	17 800*	70.4	63.3	18 500*													18.0
20.0	65.9	62.1	16 700*	67.5	62.5	17 300*													20.0
22.0	62.9	61.1	15 600*	64.6	61.6	16 200*													22.0
24.0	59.8	60.0	14 600*	61.5	60.6	15 200*	64.3	61.3	16 100*										24.0
26.0	56.7	58.8	13 700*	58.4	59.4	14 200*	61.3	60.2	14 900										26.0
28.0	53.4	57.4	12 800*	55.2	58.1	13 300*	58.2	59.1	13 600	61.0	59.7	13 000							28.0
30.0	50.0	55.8	12 000*	51.9	56.7	12 500*	55.0	57.7	12 600	57.9	58.5	12 000							30.0
32.0	46.4	54.0	11 300*	48.4	55.0	11 700*	51.6	56.3	11 500	54.7	57.2	10 900	57.5	57.8	10 400				32.0
34.0	42.5	52.0	10 600*	44.7	53.1	11 000	48.1	54.6	10 500	51.3	55.7	10 000	54.3	56.4	9 500				34.0
36.0	38.4	49.7	10 000*	40.7	50.9	10 200	44.4	52.7	9 700	47.8	54.0	9 200	50.9	54.9	8 800				36.0
38.0	33.8	46.9	9 400*	36.4	48.4	9 400	40.4	50.5	9 000	44.0	52.0	8 500	47.4	53.2	8 100	50.4	53.9	7 600	38.0
40.0	28.7	43.6	8 300*	31.6	45.5	8 800	36.1	47.9	8 300	40.0	49.8	7 900	43.6	51.2	7 500	46.8	52.2	7 100	40.0
42.0	22.4	39.4	6 700*	26.1	41.8	7 900	31.2	44.9	7 700	35.6	47.2	7 300	39.5	49.0	6 900	43.0	50.2	6 500	42.0
44.0	13.8	33.3	5 100*	19.1	37.0	6 400*	25.6	41.2	7 200	30.7	44.2	6 800	35.1	46.3	6 400	38.9	47.9	6 100	44.0
46.0							18.4	36.3	6 600	25.0	40.4	6 300	30.1	43.2	6 000	34.4	45.2	5 700	46.0
48.0										17.6	35.3	5 900	24.2	39.3	5 600	29.3	42.0	5 200	48.0
50.0													16.5	33.9	5 200	23.3	37.9	4 900	50.0
52.0																15.1	32.2	4 500	52.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 155 On
Boom No. 84
44 680 kg Crane Counterweight
19 960 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speeds
(all boom lengths)
10 m/s Maximum Wind thru 33.5m Luffing Jib
7 m/s with 36.6m thru 48.8m Luffing Jib

555
SERIES 2

European
Standards

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

Jib Oper. Rad. m	88 Degree Boom Angle			85 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 Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
13.7	75.9	67.5	19 000*																13.7
14.0	75.5	67.4	18 800*																14.0
16.0	72.9	66.8	17 600*																16.0
18.0	70.3	66.2	16 400*																18.0
20.0	67.6	65.4	15 400*	69.1	65.8	16 000*													20.0
22.0	64.8	64.5	14 400*	66.4	65.0	14 900*													22.0
24.0	62.0	63.5	13 400*	63.6	64.0	14 000*	66.1	64.6	14 700*										24.0
26.0	59.2	62.4	12 500*	60.8	63.0	13 000*	63.4	63.7	13 800*										26.0
28.0	56.2	61.1	11 700*	57.8	61.8	12 100*	60.5	62.6	12 900*										28.0
30.0	53.1	59.7	10 900*	54.8	60.5	11 300*	57.6	61.4	12 100*	60.3	62.1	11 800							30.0
32.0	49.9	58.1	10 200*	51.7	59.0	10 600*	54.6	60.1	11 300*	57.3	60.9	10 900							32.0
34.0	46.5	56.3	9 500*	48.4	57.3	9 900*	51.5	58.6	10 500	54.3	59.5	9 900	57.0	60.1	9 500				34.0
36.0	43.0	54.3	8 900*	45.0	55.4	9 300*	48.2	56.9	9 600	51.2	58.0	9 200	53.9	58.7	8 700				36.0
38.0	39.2	52.0	8 300*	41.3	53.3	8 600*	44.7	55.0	8 900	47.9	56.3	8 500	50.8	57.2	8 000				38.0
40.0	35.0	49.4	7 800*	37.4	50.8	8 100*	41.0	52.8	8 300	44.4	54.3	7 900	47.5	55.5	7 400	50.3	56.2	7 000	40.0
42.0	30.4	46.3	7 300*	33.0	48.0	7 600*	37.1	50.3	7 700	40.7	52.2	7 300	44.0	53.5	6 900	47.0	54.5	6 500	42.0
44.0	25.0	42.5	6 500*	28.1	44.6	7 100*	32.7	47.5	7 200	36.7	49.7	6 800	40.2	51.3	6 400	43.4	52.5	6 000	44.0
46.0	18.2	37.4	5 200*	22.2	40.3	6 300*	27.7	44.0	6 700	32.2	46.8	6 300	36.2	48.8	5 900	39.7	50.2	5 600	46.0
48.0				14.2	34.3	4 800*	21.7	39.7	6 200	27.2	43.2	5 900	31.7	45.8	5 500	35.5	47.6	5 200	48.0
50.0							13.3	33.3	5 300	21.0	38.8	5 500	26.5	42.2	5 200	31.0	44.6	4 800	50.0
52.0													20.2	37.6	4 800	25.7	40.9	4 500	52.0
54.0																19.1	36.0	4 200	54.0
56.0																8.7	27.9	3 900	56.0



Liftcrane Luffing Jib Capacities

**Luffing Jib No. 155 On
Boom No. 84
44 680 kg Crane Counterweight
19 960 kg Carbody Counterweight
360 Degree Rating**

**Maximum Operating Wind Speeds
(all boom lengths)
10 m/s Maximum Wind thru 33.5m Luffing Jib
7 m/s with 36.6m thru 48.8m Luffing Jib**

**555
SERIES 2**

**European
Standards**

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

Jib Oper. Rad. m	88 Degree Boom Angle			85 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 Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
15.2	75.3	70.3	14 700*																15.2
16.0	74.4	70.1	14 400*																16.0
18.0	71.9	69.5	13 300*																18.0
20.0	69.4	68.8	12 400*	70.8	69.1	12 900*													20.0
22.0	66.9	68.0	11 600*	68.3	68.4	12 100*													22.0
24.0	64.3	67.1	10 800*	65.8	67.5	11 200*													24.0
26.0	61.7	66.1	10 000*	63.2	66.6	10 400*	65.6	67.2	11 100*										26.0
28.0	59.0	64.9	9 300*	60.5	65.5	9 700*	62.9	66.2	10 400*										28.0
30.0	56.2	63.7	8 700*	57.7	64.3	9 000*	60.3	65.2	9 600*										30.0
32.0	53.3	62.3	8 100*	54.9	63.0	8 400*	57.5	64.0	9 000*	60.0	64.6	9 500*							32.0
34.0	50.3	60.7	7 500*	52.0	61.5	7 800*	54.7	62.6	8 300*	57.3	63.4	8 900*							34.0
36.0	47.2	58.9	7 000*	49.0	59.8	7 300*	51.8	61.1	7 800*	54.4	62.0	8 200*							36.0
38.0	43.9	57.0	6 500*	45.8	58.0	6 700*	48.7	59.5	7 200*	51.5	60.5	7 700*	54.1	61.3	7 900				38.0
40.0	40.4	54.8	6 000*	42.4	55.9	6 300*	45.5	57.6	6 700*	48.4	58.8	7 200*	51.1	59.8	7 300				40.0
42.0	36.6	52.2	5 600*	38.8	53.6	5 800*	42.1	55.5	6 200*	45.2	57.0	6 600*	48.0	58.1	6 800	50.7	58.8	6 300	42.0
44.0	32.5	49.3	5 200*	34.8	50.9	5 400*	38.5	53.1	5 800*	41.8	54.9	6 200*	44.8	56.2	6 300	47.6	57.1	5 800	44.0
46.0	27.8	45.9	4 800*	30.5	47.8	5 000*	34.5	50.4	5 400*	38.1	52.5	5 700*	41.4	54.0	5 800	44.3	55.1	5 400	46.0
48.0	22.2	41.6	4 500*	25.5	44.0	4 700*	30.1	47.3	5 000*	34.1	49.7	5 300*	37.7	51.6	5 400	40.8	53.0	5 000	48.0
50.0	14.9	35.7	3 900*	19.3	39.2	4 400*	25.0	43.5	4 700*	29.7	46.5	4 900*	33.6	48.8	5 000	37.1	50.5	4 700	50.0
52.0							18.7	38.5	4 400*	24.5	42.6	4 600*	29.1	45.5	4 700	33.0	47.6	4 400	52.0
54.0										18.0	37.5	4 300*	23.9	41.5	4 300	28.4	44.3	4 000	54.0
56.0										7.3	28.6	3 800*	17.1	36.2	4 000	23.0	40.1	3 800	56.0
58.0																15.9	34.5	3 500	58.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 155 On
Boom No. 84
44 680 kg Crane Counterweight
19 960 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speeds
(all boom lengths)
10 m/s Maximum Wind thru 33.5m Luffing Jib
7 m/s with 36.6m thru 48.8m Luffing Jib

**555
SERIES 2**

European
Standards

24.4m (80 Ft.) Boom, 18.3m (60 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			85 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 Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
10.7	64.0	42.6	40 800*b																10.7
12.0	59.3	41.9	37 000*b																12.0
14.0	51.7	40.5	31 800*b	56.6	41.4	34 200b	64.2	42.3	32 800b										14.0
16.0	43.2	38.7	28 000*	48.7	39.8	29 900	57.0	41.1	28 600b										16.0
18.0	33.0	36.2	25 100*	39.7	37.8	26 500	49.2	39.6	25 400	57.3	40.7	24 400b							18.0
20.0				28.5	34.8	23 100	40.2	37.6	22 400	49.5	39.2	21 500							20.0
22.0							29.2	34.7	19 800	40.6	37.2	19 100	49.5	38.6	18 300				22.0
24.0										29.7	34.4	17 000	40.7	36.6	16 400				24.0
26.0													29.8	33.7	14 800	40.5	35.7	14 100	26.0
28.0																29.5	32.8	12 800	28.0

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

Jib Oper. Rad. m	88 Degree Boom Angle			85 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 Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
10.7	68.0	46.0	40 800*b																10.7
12.0	64.0	45.4	37 100*b																12.0
14.0	57.9	44.3	31 900*	61.9	44.9	33 400b													14.0
16.0	51.3	42.8	27 900*	55.6	43.7	29 200	62.2	44.7	28 100b										16.0
18.0	44.0	41.0	24 900*	48.8	42.2	26 000	55.9	43.5	24 900										18.0
20.0	35.6	38.6	22 500*	41.2	40.2	23 200	49.1	41.9	22 300	56.1	43.0	21 400							20.0
22.0	25.0	35.2	18 900*	32.4	37.5	20 500	41.6	40.0	19 800	49.4	41.5	19 000							22.0
24.0				19.9	33.4	17 100	32.7	37.3	17 700	41.9	39.6	17 000	49.5	40.9	16 300				24.0
26.0										33.0	37.0	15 300	42.0	38.9	14 700	49.3	40.0	14 000	26.0
28.0										21.2	33.0	13 900	33.1	36.3	13 300	41.8	38.0	12 700	28.0
30.0													21.4	32.4	12 100	32.9	35.4	11 600	30.0
32.0																21.1	31.5	10 700	32.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 155 On
Boom No. 84
44 680 kg Crane Counterweight
19 960 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speeds
(all boom lengths)
10 m/s Maximum Wind thru 33.5m Luffing Jib
7 m/s with 36.6m thru 48.8m Luffing Jib

**555
SERIES 2**

European
Standards

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

Jib Oper. Rad. m	88 Degree Boom Angle			85 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 Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
10.7	70.8	49.2	37 600*b																10.7
12.0	67.5	48.7	36 200*b																12.0
14.0	62.3	47.8	32 100*	65.6	48.3	32 700b													14.0
16.0	56.8	46.6	28 000*	60.3	47.3	28 600	65.9	48.1	27 400b										16.0
18.0	51.0	45.2	24 900*	54.8	46.0	25 400	60.6	47.0	24 300										18.0
20.0	44.7	43.3	22 500*	48.8	44.5	22 800	55.1	45.8	21 800	60.8	46.6	20 800							20.0
22.0	37.5	41.0	20 500*	42.2	42.5	20 400	49.1	44.2	19 600	55.3	45.4	18 800							22.0
24.0	28.9	38.0	17 800*	34.6	40.0	18 300	42.6	42.3	17 500	49.3	43.8	16 800							24.0
26.0				25.2	36.5	16 400	35.1	39.8	15 800	42.8	41.9	15 100	49.4	43.2	14 400				26.0
28.0							25.8	36.4	14 300	35.4	39.4	13 700	42.9	41.2	13 100	49.3	42.3	12 500	28.0
30.0										26.2	36.1	12 500	35.4	38.8	12 000	42.7	40.4	11 400	30.0
32.0										11.6	30.2	11 500	26.3	35.5	11 000	35.3	37.9	10 500	32.0
34.0																26.0	34.5	9 600	34.0

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

Jib Oper. Rad. m	88 Degree Boom Angle			85 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 Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
10.7	73.0	52.4	34 900*b																10.7
12.0	70.1	52.0	33 400*b																12.0
14.0	65.6	51.2	31 200*	68.5	51.6	32 100b													14.0
16.0	60.9	50.2	28 400*	63.9	50.7	28 000													16.0
18.0	56.0	48.9	25 100*	59.2	49.7	24 900	64.2	50.5	23 800										18.0
20.0	50.8	47.5	22 500*	54.2	48.3	22 300	59.4	49.4	21 300										20.0
22.0	45.2	45.7	20 500*	48.8	46.7	20 200	54.4	48.1	19 300	59.6	49.0	18 500							22.0
24.0	38.9	43.4	18 600	43.0	44.8	18 200	49.1	46.5	17 500	54.6	47.7	16 700							24.0
26.0	31.7	40.6	16 800	36.5	42.4	16 400	43.3	44.6	15 700	49.3	46.1	15 000	54.7	47.0	14 300				26.0
28.0	22.5	36.7	13 100*	28.7	39.3	14 900	36.8	42.2	14 300	43.5	44.2	13 600	49.4	45.5	13 000				28.0
30.0				18.2	34.7	12 500	29.1	39.2	13 000	37.1	41.9	12 500	43.6	43.6	11 800	49.2	44.6	11 300	30.0
32.0							18.9	34.7	11 900	29.4	38.8	11 400	37.1	41.2	10 900	43.5	42.7	10 300	32.0
34.0										19.3	34.4	10 500	29.5	38.2	10 000	37.0	40.3	9 500	34.0
36.0													19.5	33.8	9 200	29.4	37.3	8 800	36.0
38.0																19.2	32.8	8 100	38.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 155 On
Boom No. 84
44 680 kg Crane Counterweight
19 960 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speeds
(all boom lengths)
10 m/s Maximum Wind thru 33.5m Luffing Jib
7 m/s with 36.6m thru 48.8m Luffing Jib

**555
SERIES 2**

European
Standards

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

Jib Oper. Rad. m	88 Degree Boom Angle			85 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 Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
10.7	74.8	55.6	29 900*b																10.7
12.0	72.2	55.2	28 900*b																12.0
14.0	68.2	54.5	27 100*	70.7	54.9	28 400*													14.0
16.0	64.0	53.6	25 400*	66.7	54.1	26 500*													16.0
18.0	59.8	52.5	23 900*	62.5	53.2	24 400													18.0
20.0	55.3	51.3	22 500	58.2	52.0	21 800	62.7	52.9	20 800										20.0
22.0	50.6	49.8	20 300	53.7	50.7	19 800	58.4	51.8	18 900										22.0
24.0	45.6	48.0	18 500	48.8	49.0	18 000	53.9	50.4	17 200	58.6	51.3	16 400							24.0
26.0	40.0	45.8	16 700	43.6	47.1	16 300	49.1	48.8	15 600	54.1	50.0	14 900							26.0
28.0	33.8	43.1	15 100	37.9	44.8	14 800	43.9	46.9	14 100	49.3	48.4	13 500	54.1	49.3	12 800				28.0
30.0	26.2	39.7	12 900*	31.2	41.9	13 500	38.2	44.7	12 900	44.1	46.5	12 300	49.3	47.8	11 700				30.0
32.0	15.7	34.5	9 700*	23.0	38.0	12 300	31.6	41.8	11 800	38.4	44.2	11 200	44.2	45.9	10 700	49.2	46.9	10 200	32.0
34.0							23.5	37.9	10 900	31.9	41.4	10 400	38.5	43.6	9 800	44.0	45.0	9 300	34.0
36.0										23.8	37.6	9 600	31.9	40.8	9 100	38.3	42.7	8 600	36.0
38.0										11.3	31.3	8 800	23.9	37.0	8 400	31.8	39.9	7 900	38.0
40.0																23.7	36.1	7 300	40.0

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

Jib Oper. Rad. m	88 Degree Boom Angle			85 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 Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
12.2	73.5	58.3	27 000*																12.2
14.0	70.2	57.7	25 500*	72.5	58.1	26 600*													14.0
16.0	66.6	57.0	23 800*	68.9	57.4	24 900*													16.0
18.0	62.8	56.0	22 400*	65.2	56.5	23 300*													18.0
20.0	58.9	54.9	21 000*	61.4	55.5	21 500	65.4	56.3	20 500										20.0
22.0	54.8	53.6	19 800	57.4	54.3	19 500	61.6	55.3	18 600										22.0
24.0	50.5	52.1	18 400	53.2	53.0	17 800	57.6	54.1	16 900										24.0
26.0	45.9	50.3	16 700	48.8	51.3	16 300	53.5	52.7	15 500	57.8	53.7	14 800							26.0
28.0	40.9	48.2	15 100	44.1	49.5	14 700	49.1	51.1	14 100	53.6	52.3	13 400							28.0
30.0	35.4	45.6	13 800	39.0	47.2	13 500	44.4	49.3	12 800	49.2	50.7	12 200	53.7	51.7	11 600				30.0
32.0	29.0	42.4	12 300	33.2	44.5	12 400	39.3	47.0	11 800	44.6	48.8	11 200	49.3	50.1	10 700				32.0
34.0	20.8	38.1	9 800*	26.3	41.0	11 300	33.5	44.3	10 900	39.5	46.6	10 300	44.6	48.2	9 800	49.2	49.2	9 300	34.0
36.0				17.0	35.9	9 400*	26.7	40.9	10 000	33.7	43.9	9 500	39.5	46.0	9 000	44.5	47.3	8 500	36.0
38.0							17.6	35.9	9 300	26.9	40.5	8 800	33.8	43.3	8 400	39.4	45.1	7 900	38.0
40.0										18.0	35.7	8 200	27.0	39.9	7 700	33.6	42.4	7 300	40.0
42.0													18.1	35.1	7 200	26.9	39.0	6 800	42.0
44.0																17.9	34.1	6 300	44.0



Liftcrane Luffing Jib Capacities

**Luffing Jib No. 155 On
Boom No. 84
44 680 kg Crane Counterweight
19 960 kg Carbody Counterweight
360 Degree Rating**

**Maximum Operating Wind Speeds
(all boom lengths)
10 m/s Maximum Wind thru 33.5m Luffing Jib
7 m/s with 36.6m thru 48.8m Luffing Jib**

**555
SERIES 2**

**European
Standards**

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

Jib Oper. Rad. m	88 Degree Boom Angle			85 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 Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
12.2	74.9	61.5	25 000*																12.2
14.0	71.9	61.0	23 600*																14.0
16.0	68.6	60.3	22 200*	70.7	60.6	23 100*													16.0
18.0	65.2	59.4	20 800*	67.4	59.9	21 700*													18.0
20.0	61.7	58.4	19 500*	63.9	59.0	20 400*	67.6	59.6	20 100										20.0
22.0	58.1	57.2	18 300*	60.4	57.9	19 000	64.1	58.7	18 200										22.0
24.0	54.3	55.9	17 200*	56.7	56.7	17 400	60.6	57.7	16 600										24.0
26.0	50.4	54.4	16 200	52.9	55.3	15 900	56.9	56.5	15 200	60.7	57.2	14 400							26.0
28.0	46.2	52.6	15 100	48.9	53.7	14 600	53.1	55.1	13 900	57.1	56.0	13 200							28.0
30.0	41.6	50.5	13 700	44.6	51.8	13 300	49.1	53.4	12 700	53.2	54.6	12 100							30.0
32.0	36.7	48.0	12 600	39.9	49.6	12 200	44.8	51.6	11 700	49.2	53.0	11 100	53.3	54.0	10 500				32.0
34.0	31.0	45.1	11 500	34.7	46.9	11 300	40.1	49.4	10 700	44.9	51.2	10 200	49.3	52.4	9 600				34.0
36.0	24.3	41.2	9 500*	28.8	43.7	10 400	35.0	46.8	9 900	40.3	49.0	9 400	45.0	50.5	8 900	49.2	51.5	8 400	36.0
38.0	15.0	35.6	7 300*	21.4	39.4	9 200	29.1	43.6	9 100	35.2	46.4	8 700	40.4	48.3	8 200	44.9	49.6	7 700	38.0
40.0							21.8	39.4	8 500	29.3	43.2	8 000	35.3	45.8	7 600	40.3	47.5	7 100	40.0
42.0										22.1	39.1	7 500	29.4	42.6	7 100	35.1	44.9	6 600	42.0
44.0										11.1	32.4	6 900	22.2	38.5	6 600	29.3	41.7	6 200	44.0
46.0																22.0	37.5	5 700	46.0

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

Jib Oper. Rad. m	88 Degree Boom Angle			85 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 Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
13.7	73.8	64.2	22 000*																13.7
14.0	73.4	64.2	21 800*																14.0
16.0	70.3	63.5	20 500*																16.0
18.0	67.2	62.7	19 300*	69.2	63.2	20 100*													18.0
20.0	64.1	61.8	18 100*	66.1	62.3	18 900*													20.0
22.0	60.8	60.8	17 000*	62.9	61.4	17 800*	66.2	62.1	17 800										22.0
24.0	57.4	59.6	16 000*	59.6	60.3	16 700*	63.0	61.1	16 200										24.0
26.0	53.9	58.2	15 100*	56.2	59.0	15 600	59.8	60.0	14 800										26.0
28.0	50.2	56.7	14 200*	52.6	57.6	14 400	56.3	58.8	13 700	59.9	59.6	13 000							28.0
30.0	46.4	54.9	13 400*	48.9	56.0	13 200	52.8	57.4	12 600	56.5	58.3	11 900							30.0
32.0	42.2	52.8	12 500	44.9	54.1	12 100	49.1	55.7	11 500	52.9	56.9	10 900	56.5	57.7	10 300				32.0
34.0	37.7	50.5	11 500	40.6	51.9	11 200	45.1	53.9	10 600	49.2	55.3	10 000	53.0	56.3	9 500				34.0
36.0	32.7	47.6	10 600	36.0	49.4	10 300	40.9	51.7	9 800	45.3	53.5	9 200	49.2	54.7	8 700				36.0
38.0	26.9	44.1	9 200	30.7	46.3	9 500	36.2	49.2	9 000	41.0	51.3	8 600	45.3	52.8	8 100	49.2	53.8	7 600	38.0
40.0	19.6	39.5	7 300*	24.5	42.5	8 800	31.0	46.2	8 400	36.4	48.8	7 900	41.1	50.7	7 500	45.2	51.9	7 000	40.0
42.0				16.1	37.1	7 100*	24.8	42.5	7 800	31.2	45.9	7 300	36.5	48.2	6 900	41.0	49.8	6 500	42.0
44.0							16.7	37.2	7 300	25.1	42.1	6 800	31.3	45.2	6 400	36.4	47.3	6 000	44.0
46.0																			46.0
48.0																			48.0
50.0																			50.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 155 On
Boom No. 84
44 680 kg Crane Counterweight
19 960 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speeds
(all boom lengths)
10 m/s Maximum Wind thru 33.5m Luffing Jib
7 m/s with 36.6m thru 48.8m Luffing Jib

**555
SERIES 2**

European
Standards

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

Jib Oper. Rad. m	88 Degree Boom Angle			85 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 Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
13.7	75.0	67.4	20 300*																13.7
14.0	74.6	67.3	20 100*																14.0
16.0	71.8	66.7	18 900*																16.0
18.0	68.9	66.0	17 800*	70.8	66.4	18 500*													18.0
20.0	66.0	65.2	16 600*	67.9	65.6	17 400*													20.0
22.0	63.1	64.2	15 600*	65.0	64.8	16 300*													22.0
24.0	60.0	63.2	14 600*	62.0	63.8	15 200*	65.1	64.5	15 800										24.0
26.0	56.8	61.9	13 700*	58.9	62.6	14 300*	62.1	63.5	14 500										26.0
28.0	53.6	60.5	12 800*	55.7	61.3	13 400*	59.0	62.4	13 300										28.0
30.0	50.2	59.0	12 000*	52.4	59.9	12 600*	55.8	61.1	12 300	59.1	62.0	11 600							30.0
32.0	46.6	57.2	11 300*	48.9	58.2	11 800*	52.5	59.7	11 300	56.0	60.7	10 700							32.0
34.0	42.7	55.2	10 600*	45.2	56.4	11 000	49.1	58.0	10 400	52.7	59.2	9 800	56.0	60.0	9 300				34.0
36.0	38.6	52.8	10 000*	41.3	54.3	10 100	45.4	56.2	9 600	49.2	57.6	9 100	52.7	58.6	8 500				36.0
38.0	34.1	50.1	9 400*	37.0	51.8	9 400	41.5	54.1	8 900	45.5	55.8	8 400	49.2	57.0	7 900				38.0
40.0	29.0	46.9	8 800*	32.3	48.9	8 700	37.3	51.6	8 200	41.6	53.7	7 700	45.6	55.1	7 300	49.2	56.1	6 800	40.0
42.0	22.8	42.7	7 100*	26.9	45.4	8 100	32.6	48.8	7 600	37.4	51.2	7 200	41.7	53.0	6 800	45.5	54.2	6 300	42.0
44.0	14.4	36.8	5 400*	20.1	40.8	7 000	27.2	45.3	7 100	32.8	48.4	6 700	37.5	50.6	6 300	41.6	52.2	5 800	44.0
46.0							20.5	40.8	6 600	27.4	45.0	6 200	32.8	47.8	5 800	37.4	49.7	5 400	46.0
48.0										20.8	40.5	5 800	27.5	44.3	5 400	32.7	46.9	5 000	48.0
50.0										11.0	33.5	5 400	20.9	39.9	5 000	27.3	43.4	4 700	50.0
52.0																20.7	38.9	4 400	52.0



Liftcrane Luffing Jib Capacities

**Luffing Jib No. 155 On
Boom No. 84
44 680 kg Crane Counterweight
19 960 kg Carbody Counterweight
360 Degree Rating**

**Maximum Operating Wind Speeds
(all boom lengths)**
10 m/s Maximum Wind thru 33.5m Luffing Jib
7 m/s with 36.6m thru 48.8m Luffing Jib

**European
Standards**

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

Jib Oper. Rad. m	88 Degree Boom Angle			85 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 Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
13.7	76.0	70.6	18 600*																13.7
14.0	75.6	70.5	18 500*																14.0
16.0	73.0	69.9	17 500*																16.0
18.0	70.4	69.3	16 400*																18.0
20.0	67.7	68.5	15 300*	69.4	68.9	16 000*													20.0
22.0	65.0	67.6	14 300*	66.7	68.1	15 000*													22.0
24.0	62.2	66.6	13 400*	64.0	67.2	14 000*													24.0
26.0	59.3	65.5	12 500*	61.1	66.2	13 100*	64.1	66.9	14 000*										26.0
28.0	56.3	64.3	11 700*	58.2	65.0	12 200*	61.3	65.9	13 100										28.0
30.0	53.3	62.8	10 900*	55.2	63.7	11 400*	58.4	64.7	12 100	61.4	65.5	11 400							30.0
32.0	50.1	61.3	10 200*	52.1	62.2	10 700*	55.4	63.4	11 200	58.5	64.3	10 600							32.0
34.0	46.7	59.5	9 500*	48.9	60.5	10 000*	52.3	62.0	10 400	55.5	63.0	9 800							34.0
36.0	43.2	57.5	8 900*	45.5	58.7	9 300*	49.1	60.3	9 600	52.4	61.5	9 000	55.5	62.4	8 500				36.0
38.0	39.4	55.2	8 300*	41.8	56.6	8 700*	45.7	58.5	8 800	49.2	59.9	8 300	52.4	60.9	7 800				38.0
40.0	35.2	52.6	7 800*	37.9	54.2	8 100*	42.0	56.4	8 200	45.8	58.1	7 700	49.2	59.3	7 200	52.4	60.0	6 700	40.0
42.0	30.6	49.5	7 300*	33.6	51.4	7 600*	38.1	54.0	7 600	42.2	56.0	7 100	45.8	57.4	6 700	49.1	58.4	6 200	42.0
44.0	25.3	45.7	6 800*	28.8	48.1	7 200*	33.9	51.3	7 100	38.3	53.7	6 600	42.2	55.4	6 200	45.7	56.6	5 800	44.0
46.0	18.6	40.8	5 500*	23.1	44.0	6 700*	29.1	48.0	6 600	34.0	50.9	6 100	38.3	53.0	5 700	42.1	54.5	5 400	46.0
48.0				15.5	38.3	5 400*	23.4	44.0	6 100	29.3	47.7	5 700	34.1	50.3	5 400	38.2	52.1	5 000	48.0
50.0							16.0	38.4	5 700	23.6	43.6	5 400	29.3	47.0	5 000	34.0	49.4	4 600	50.0
52.0										16.3	38.1	5 000	23.7	43.0	4 600	29.2	46.1	4 300	52.0
54.0													16.4	37.5	4 300	23.6	42.1	4 000	54.0
56.0																16.2	36.5	3 700	56.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 155 On
Boom No. 84
44 680 kg Crane Counterweight
19 960 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speeds
(all boom lengths)
10 m/s Maximum Wind thru 33.5m Luffing Jib
7 m/s with 36.6m thru 48.8m Luffing Jib

**555
SERIES 2**

European
Standards

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

Jib Oper. Rad. m	88 Degree Boom Angle			85 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 Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
15.2	75.4	73.4	14 700*																15.2
16.0	74.5	73.2	14 300*																16.0
18.0	72.0	72.6	13 300*																18.0
20.0	69.6	71.9	12 400*	71.1	72.3	13 000*													20.0
22.0	67.0	71.1	11 600*	68.6	71.5	12 100*													22.0
24.0	64.5	70.2	10 800*	66.1	70.7	11 300*													24.0
26.0	61.8	69.2	10 000*	63.5	69.7	10 500*	66.2	70.4	11 300*										26.0
28.0	59.1	68.1	9 300*	60.8	68.7	9 800*	63.6	69.5	10 500*										28.0
30.0	56.3	66.8	8 700*	58.1	67.5	9 100*	61.0	68.4	9 800*										30.0
32.0	53.5	65.4	8 100*	55.3	66.2	8 500*	58.3	67.3	9 200*	61.1	68.0	9 700*							32.0
34.0	50.5	63.8	7 500*	52.4	64.7	7 900*	55.5	66.0	8 500*	58.4	66.8	9 100*							34.0
36.0	47.4	62.1	7 000*	49.4	63.1	7 300*	52.6	64.5	7 900*	55.6	65.5	8 500*							36.0
38.0	44.1	60.1	6 500*	46.2	61.3	6 800*	49.5	62.9	7 400*	52.7	64.1	7 900*	55.6	64.9	7 600				38.0
40.0	40.6	57.9	6 000*	42.8	59.3	6 300*	46.4	61.1	6 800*	49.6	62.5	7 400*	52.7	63.4	7 100				40.0
42.0	36.8	55.4	5 600*	39.3	57.0	5 900*	43.0	59.1	6 400*	46.5	60.7	6 800*	49.7	61.8	6 500				42.0
44.0	32.7	52.6	5 200*	35.4	54.3	5 500*	39.5	56.8	5 900*	43.1	58.7	6 300*	46.5	60.0	6 100	49.6	61.0	5 600	44.0
46.0	28.1	49.2	4 800*	31.1	51.3	5 100*	35.6	54.2	5 500*	39.6	56.4	5 900*	43.2	58.0	5 600	46.4	59.2	5 200	46.0
48.0	22.6	44.9	4 500*	26.2	47.6	4 700*	31.3	51.2	5 100*	35.7	53.8	5 500*	39.6	55.8	5 200	43.1	57.2	4 800	48.0
50.0	15.3	39.1	4 200*	20.2	43.0	4 400*	26.5	47.5	4 700*	31.5	50.8	5 100*	35.8	53.2	4 900	39.5	54.9	4 500	50.0
52.0							20.6	43.0	4 500*	26.7	47.2	4 800*	31.5	50.2	4 500	35.7	52.3	4 100	52.0
54.0							12.3	36.2	4 100*	20.8	42.7	4 400*	26.7	46.6	4 200	31.4	49.3	3 800	54.0
56.0										12.7	36.0	4 200*	20.9	42.0	3 900	26.6	45.7	3 600	56.0
58.0																20.8	41.1	3 300	58.0
60.0																12.5	34.4	3 100	60.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 155 On
Boom No. 84
44 680 kg Crane Counterweight
19 960 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speeds
(all boom lengths)
10 m/s Maximum Wind thru 33.5m Luffing Jib
7 m/s with 36.6m thru 48.8m Luffing Jib

**555
SERIES 2**

European
Standards

27.4m (90 Ft.) Boom, 18.3m (60 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			85 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 Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
10.7	64.4	45.7	40 800*b																10.7
12.0	59.7	45.0	36 500*b																12.0
14.0	52.1	43.7	31 400*b	57.6	44.6	33 300b													14.0
16.0	43.7	41.9	27 700*	49.8	43.1	29 200b	59.0	44.5	27 900b										16.0
18.0	33.6	39.4	24 900*	41.0	41.2	26 000	51.3	43.1	24 700										18.0
20.0				30.2	38.3	23 200	42.7	41.2	22 200	52.6	42.8	21 000b							20.0
22.0							32.5	38.6	19 600	44.3	41.0	18 800	53.7	42.3	17 900b				22.0
24.0							17.6	34.3	17 500	34.4	38.6	16 800	45.5	40.6	16 000				24.0
26.0													35.8	38.2	14 400	46.4	39.8	13 700	26.0
28.0													23.1	34.7	13 100	36.9	37.6	12 400	28.0
30.0																24.6	34.2	11 300	30.0

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

Jib Oper. Rad. m	88 Degree Boom Angle			85 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 Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
10.7	68.3	49.1	40 300*b																10.7
12.0	64.4	48.5	36 500*b																12.0
14.0	58.2	47.4	31 400*b	62.7	48.1	32 600b													14.0
16.0	51.7	46.0	27 600*	56.4	46.9	28 600b	63.8	48.0	27 300b										16.0
18.0	44.4	44.2	24 700*	49.7	45.4	25 400	57.6	46.8	24 200										18.0
20.0	36.1	41.8	22 400*	42.2	43.5	22 900	51.0	45.4	21 700	58.7	46.5	20 600b							20.0
22.0	25.7	38.5	19 600*	33.5	40.9	20 500	43.7	43.5	19 600	52.1	45.1	18 600							22.0
24.0				21.9	37.1	17 900	35.2	41.1	17 500	45.0	43.3	16 700	53.1	44.6	15 900				24.0
26.0							24.4	37.6	15 800	36.7	41.0	15 000	46.0	42.9	14 300				26.0
28.0										26.5	37.8	13 600	38.0	40.6	13 000	46.7	42.1	12 300	28.0
30.0													28.1	37.6	11 900	38.8	40.0	11 200	30.0
32.0													12.6	32.2	10 800	29.2	37.0	10 300	32.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 155 On
Boom No. 84
44 680 kg Crane Counterweight
19 960 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speeds
(all boom lengths)
10 m/s Maximum Wind thru 33.5m Luffing Jib
7 m/s with 36.6m thru 48.8m Luffing Jib

**555
SERIES 2**

European
Standards

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

Jib Oper. Rad. m	88 Degree Boom Angle			85 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 Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
10.7	71.1	52.3	37 200*b																10.7
12.0	67.8	51.8	35 800*b																12.0
14.0	62.6	50.9	31 500*	66.3	51.5	31 900b													14.0
16.0	57.1	49.7	27 600*	61.1	50.5	27 900													16.0
18.0	51.3	48.3	24 600*	55.5	49.2	24 800	62.0	50.3	23 600										18.0
20.0	45.0	46.5	22 200*	49.6	47.7	22 300	56.6	49.2	21 200										20.0
22.0	37.9	44.2	20 400*	43.1	45.8	20 200	50.7	47.7	19 200	57.5	48.8	18 200							22.0
24.0	29.5	41.2	18 300*	35.7	43.4	18 200	44.4	45.9	17 400	51.7	47.4	16 500							24.0
26.0				26.6	40.1	16 400	37.2	43.5	15 700	45.5	45.7	14 900	52.6	46.9	14 100				26.0
28.0							28.5	40.4	14 200	38.4	43.4	13 500	46.4	45.2	12 800				28.0
30.0							16.1	35.6	13 000	30.1	40.5	12 300	39.5	43.0	11 700	47.0	44.4	11 000	30.0
32.0										18.7	36.1	11 300	31.4	40.2	10 700	40.2	42.3	10 100	32.0
34.0													20.6	36.1	9 800	32.2	39.6	9 300	34.0
36.0																21.9	35.7	8 500	36.0

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

Jib Oper. Rad. m	88 Degree Boom Angle			85 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 Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
10.7	73.3	55.5	34 400*b																10.7
12.0	70.3	55.1	33 100*b																12.0
14.0	65.8	54.3	30 900*	69.1	54.8	31 300b													14.0
16.0	61.2	53.3	27 800*	64.5	53.9	27 400													16.0
18.0	56.3	52.1	24 700*	59.8	52.8	24 300													18.0
20.0	51.1	50.6	22 200*	54.8	51.6	21 900	60.7	52.7	20 700										20.0
22.0	45.5	48.8	20 300*	49.5	50.0	19 800	55.8	51.5	18 800										22.0
24.0	39.3	46.6	18 600	43.8	48.1	18 100	50.6	50.0	17 100	56.6	51.2	16 200							24.0
26.0	32.1	43.8	16 800	37.4	45.8	16 300	44.9	48.2	15 500	51.4	49.7	14 800	57.3	50.6	14 000				26.0
28.0	23.1	40.0	13 800*	29.8	42.8	14 800	38.6	45.9	14 100	45.9	48.0	13 400	52.2	49.2	12 700				28.0
30.0				19.9	38.5	13 000	31.3	43.1	12 900	39.7	45.8	12 200	46.7	47.5	11 500				30.0
32.0							22.0	39.1	11 800	32.6	43.1	11 200	40.6	45.4	10 600	47.2	46.7	10 000	32.0
34.0										23.8	39.3	10 300	33.7	42.7	9 700	41.3	44.7	9 200	34.0
36.0													25.2	39.2	8 900	34.4	42.1	8 400	36.0
38.0													12.1	33.3	8 300	26.2	38.7	7 800	38.0



Liftcrane Luffing Jib Capacities

**Luffing Jib No. 155 On
Boom No. 84
44 680 kg Crane Counterweight
19 960 kg Carbody Counterweight
360 Degree Rating**

**Maximum Operating Wind Speeds
(all boom lengths)
10 m/s Maximum Wind thru 33.5m Luffing Jib
7 m/s with 36.6m thru 48.8m Luffing Jib**

**555
SERIES 2**

**European
Standards**

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

Jib Oper. Rad. m	88 Degree Boom Angle			85 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 Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
10.7	75.0	58.7	29 900*b																10.7
12.0	72.4	58.3	28 800*b																12.0
14.0	68.4	57.6	27 000*	71.2	58.0	28 400*b													14.0
16.0	64.3	56.7	25 300*	67.2	57.2	26 500													16.0
18.0	60.0	55.7	23 800*	63.1	56.3	23 900													18.0
20.0	55.6	54.4	22 100	58.8	55.2	21 400	63.9	56.2	20 300										20.0
22.0	50.9	52.9	20 000	54.3	53.9	19 400	59.6	55.1	18 300										22.0
24.0	45.8	51.1	18 300	49.5	52.3	17 700	55.1	53.8	16 700	60.3	54.7	15 800							24.0
26.0	40.3	49.0	16 700	44.3	50.5	16 200	50.4	52.3	15 300	55.9	53.5	14 500							26.0
28.0	34.1	46.3	15 200	38.7	48.2	14 700	45.3	50.5	14 000	51.2	52.0	13 200	56.5	52.9	12 400				28.0
30.0	26.7	42.9	13 300	32.2	45.4	13 400	39.8	48.3	12 700	46.2	50.3	12 000	51.9	51.5	11 300				30.0
32.0	16.5	37.9	10 200*	24.2	41.6	12 300	33.5	45.6	11 700	40.7	48.2	11 000	46.9	49.8	10 400	52.3	50.7	9 700	32.0
34.0							25.9	42.1	10 700	34.6	45.6	10 100	41.5	47.7	9 500	47.4	49.0	8 900	34.0
36.0							15.1	36.7	9 900	27.2	42.2	9 400	35.5	45.2	8 800	42.1	47.0	8 300	36.0
38.0										17.3	37.3	8 600	28.4	42.0	8 100	36.1	44.5	7 600	38.0
40.0													19.0	37.4	7 500	29.1	41.4	7 100	40.0
42.0																20.1	37.1	6 500	42.0

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

Jib Oper. Rad. m	88 Degree Boom Angle			85 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 Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
12.2	73.7	61.4	26 800*b																12.2
14.0	70.4	60.8	25 300*																14.0
16.0	66.8	60.0	23 800*	69.4	60.5	24 900*													16.0
18.0	63.0	59.1	22 300*	65.7	59.7	23 300													18.0
20.0	59.1	58.0	21 000*	61.9	58.7	21 100	66.4	59.5	20 000										20.0
22.0	55.0	56.7	19 700	57.9	57.6	19 100	62.6	58.6	18 100										22.0
24.0	50.7	55.2	18 000	53.8	56.2	17 400	58.7	57.5	16 500										24.0
26.0	46.1	53.4	16 500	49.4	54.6	16 000	54.6	56.1	15 100	59.3	57.1	14 300							26.0
28.0	41.2	51.3	15 200	44.8	52.8	14 700	50.3	54.6	13 900	55.3	55.8	13 100							28.0
30.0	35.7	48.8	13 800	39.7	50.6	13 400	45.7	52.8	12 700	51.0	54.3	12 000	55.8	55.3	11 300				30.0
32.0	29.3	45.7	12 700	34.0	47.9	12 300	40.7	50.7	11 700	46.5	52.6	11 000	51.6	53.8	10 300				32.0
34.0	21.3	41.4	10 300*	27.3	44.5	11 300	35.1	48.1	10 700	41.5	50.5	10 100	47.1	52.1	9 500				34.0
36.0				18.5	39.8	9 900	28.6	44.9	9 900	36.1	48.0	9 300	42.2	50.1	8 800	47.6	51.3	8 200	36.0
38.0							20.4	40.5	9 200	29.8	44.9	8 600	36.9	47.6	8 100	42.7	49.3	7 600	38.0
40.0										21.9	40.8	8 000	30.7	44.7	7 500	37.4	47.0	7 000	40.0
42.0													23.2	40.7	7 000	31.4	44.0	6 500	42.0
44.0													11.8	34.4	6 500	24.0	40.2	6 000	44.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 155 On
Boom No. 84
44 680 kg Crane Counterweight
19 960 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speeds
(all boom lengths)
10 m/s Maximum Wind thru 33.5m Luffing Jib
7 m/s with 36.6m thru 48.8m Luffing Jib

**555
SERIES 2**

European
Standards

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

Jib Oper. Rad. m	88 Degree Boom Angle			85 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 Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
12.2	75.1	64.6	24 800*																12.2
14.0	72.1	64.1	23 400*																14.0
16.0	68.8	63.3	22 100*	71.2	63.8	23 100*													16.0
18.0	65.4	62.5	20 800*	67.8	63.0	21 700*													18.0
20.0	61.9	61.5	19 500*	64.4	62.1	20 400													20.0
22.0	58.3	60.4	18 300*	60.9	61.1	18 700	65.0	62.0	17 700										22.0
24.0	54.5	59.0	17 200*	57.2	59.9	17 100	61.5	61.0	16 100										24.0
26.0	50.6	57.5	16 200	53.4	58.5	15 600	57.9	59.8	14 800	62.1	60.6	13 900							26.0
28.0	46.4	55.7	14 900	49.4	56.9	14 400	54.1	58.5	13 600	58.5	59.5	12 800							28.0
30.0	41.9	53.7	13 700	45.1	55.1	13 300	50.2	56.9	12 500	54.8	58.1	11 800							30.0
32.0	36.9	51.2	12 600	40.5	52.9	12 200	46.0	55.1	11 500	50.8	56.6	10 800	55.3	57.6	10 200				32.0
34.0	31.4	48.3	11 600	35.4	50.3	11 200	41.4	53.0	10 600	46.7	54.9	10 000	51.4	56.1	9 300				34.0
36.0	24.7	44.5	10 100*	29.6	47.2	10 300	36.4	50.5	9 800	42.2	52.8	9 200	47.3	54.4	8 600				36.0
38.0	15.6	39.1	7 700*	22.5	43.1	9 600	30.8	47.5	9 100	37.3	50.4	8 500	42.8	52.4	7 900	47.7	53.6	7 400	38.0
40.0							23.9	43.7	8 400	31.8	47.5	7 900	38.0	50.0	7 300	43.3	51.7	6 800	40.0
42.0							14.4	37.9	7 800	25.2	43.8	7 300	32.6	47.2	6 800	38.5	49.3	6 300	42.0
44.0										16.3	38.5	6 800	26.2	43.7	6 300	33.2	46.6	5 900	44.0
46.0													17.8	38.7	5 900	26.9	43.1	5 500	46.0
48.0																18.8	38.4	5 100	48.0

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

Jib Oper. Rad. m	88 Degree Boom Angle			85 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 Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
13.7	74.0	67.3	21 800*																13.7
14.0	73.5	67.2	21 600*																14.0
16.0	70.5	66.6	20 400*																16.0
18.0	67.4	65.8	19 200*	69.6	66.3	20 100*													18.0
20.0	64.2	64.9	18 100*	66.5	65.5	18 900*													20.0
22.0	61.0	63.9	17 000*	63.3	64.6	17 800*													22.0
24.0	57.6	62.7	16 000*	60.0	63.5	16 700	63.9	64.4	15 700										24.0
26.0	54.1	61.3	15 100*	56.6	62.2	15 300	60.6	63.3	14 400										26.0
28.0	50.4	59.8	14 200*	53.1	60.8	14 100	57.3	62.1	13 300	61.2	63.0	12 500							28.0
30.0	46.6	58.0	13 400*	49.4	59.2	13 100	53.8	60.8	12 300	57.8	61.8	11 500							30.0
32.0	42.5	56.0	12 500	45.4	57.4	12 100	50.1	59.2	11 300	54.3	60.5	10 700							32.0
34.0	38.0	53.6	11 500	41.2	55.3	11 100	46.2	57.4	10 500	50.7	58.9	9 800	54.8	59.9	9 200				34.0
36.0	33.0	50.8	10 600	36.6	52.8	10 200	42.0	55.3	9 600	46.9	57.2	9 000	51.2	58.4	8 400				36.0
38.0	27.2	47.4	9 600	31.5	49.8	9 500	37.5	52.9	8 900	42.7	55.2	8 300	47.4	56.7	7 800				38.0
40.0	20.0	42.8	7 700*	25.4	46.1	8 800	32.5	50.1	8 300	38.3	52.8	7 700	43.3	54.7	7 200	47.8	55.9	6 700	40.0
42.0				17.5	41.0	7 700*	26.6	46.5	7 700	33.4	50.0	7 200	38.9	52.4	6 700	43.8	54.0	6 200	42.0
44.0							19.2	41.8	7 200	27.7	46.7	6 700	34.1	49.7	6 200	39.4	51.7	5 700	44.0
46.0										20.6	42.2	6 200	28.5	46.4	5 700	34.6	49.1	5 300	46.0
48.0													21.7	42.2	5 400	29.1	45.8	4 900	48.0
50.0													11.5	35.4	5 000	22.4	41.7	4 600	50.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 155 On
Boom No. 84
44 680 kg Crane Counterweight
19 960 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speeds
(all boom lengths)
10 m/s Maximum Wind thru 33.5m Luffing Jib
7 m/s with 36.6m thru 48.8m Luffing Jib

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

Jib Oper. Rad. m	88 Degree Boom Angle			85 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 Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
13.7	75.1	70.5	20 100*																13.7
14.0	74.7	70.4	19 900*																14.0
16.0	71.9	69.8	18 800*																16.0
18.0	69.1	69.1	17 700*	71.1	69.5	18 400*													18.0
20.0	66.2	68.3	16 600*	68.3	68.8	17 400*													20.0
22.0	63.2	67.3	15 500*	65.3	67.9	16 300*													22.0
24.0	60.2	66.3	14 600*	62.4	66.9	15 300*	65.9	67.8	15 400										24.0
26.0	57.0	65.0	13 700*	59.3	65.8	14 400*	62.9	66.8	14 000										26.0
28.0	53.8	63.7	12 900*	56.1	64.6	13 500*	59.9	65.7	12 900										28.0
30.0	50.3	62.1	12 100*	52.8	63.1	12 700*	56.7	64.5	11 900	60.4	65.4	11 200							30.0
32.0	46.8	60.3	11 300*	49.3	61.5	11 800	53.4	63.1	11 100	57.2	64.1	10 300							32.0
34.0	43.0	58.3	10 600*	45.7	59.7	10 900	50.0	61.5	10 300	54.0	62.8	9 600							34.0
36.0	38.9	56.0	10 100*	41.8	57.6	10 100	46.4	59.7	9 500	50.6	61.2	8 900	54.4	62.2	8 200				36.0
38.0	34.3	53.3	9 500*	37.6	55.2	9 300	42.6	57.7	8 700	47.0	59.5	8 200	51.1	60.7	7 600				38.0
40.0	29.2	50.1	8 900*	33.0	52.4	8 700	38.4	55.3	8 100	43.2	57.5	7 600	47.5	59.0	7 000	51.4	59.9	6 500	40.0
42.0	23.2	46.0	7 600*	27.6	49.0	8 000	33.9	52.6	7 500	39.1	55.2	7 000	43.8	57.0	6 500	47.9	58.2	6 000	42.0
44.0	14.9	40.2	5 800*	21.1	44.5	7 400	28.7	49.3	7 000	34.7	52.5	6 500	39.7	54.8	6 000	44.1	56.3	5 500	44.0
46.0							22.5	45.1	6 500	29.6	49.3	6 100	35.3	52.2	5 600	40.1	54.1	5 200	46.0
48.0							13.9	39.0	6 000	23.6	45.4	5 600	30.4	49.1	5 200	35.8	51.5	4 800	48.0
50.0										15.6	39.7	5 200	24.5	45.2	4 800	30.9	48.5	4 400	50.0
52.0													16.9	39.9	4 500	25.2	44.7	4 100	52.0
54.0																17.8	39.7	3 800	54.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 155 On
Boom No. 84
44 680 kg Crane Counterweight
19 960 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speeds
(all boom lengths)
10 m/s Maximum Wind thru 33.5m Luffing Jib
7 m/s with 36.6m thru 48.8m Luffing Jib

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

Jib Oper. Rad. m	88 Degree Boom Angle			85 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 Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
15.2	74.2	73.2	17 700*																15.2
16.0	73.2	73.0	17 300*																16.0
18.0	70.5	72.3	16 300*																18.0
20.0	67.9	71.6	15 300*	69.8	72.1	16 000*													20.0
22.0	65.1	70.7	14 300*	67.1	71.3	15 000*													22.0
24.0	62.3	69.7	13 400*	64.3	70.3	14 100*													24.0
26.0	59.5	68.6	12 500*	61.5	69.3	13 200*	64.9	70.2	13 800										26.0
28.0	56.5	67.4	11 700*	58.6	68.2	12 300*	62.0	69.2	12 700										28.0
30.0	53.4	66.0	10 900*	55.6	66.9	11 500*	59.2	68.1	11 700										30.0
32.0	50.3	64.4	10 200*	52.6	65.4	10 800*	56.2	66.8	10 900	59.7	67.7	10 200							32.0
34.0	46.9	62.6	9 600*	49.3	63.8	10 100*	53.1	65.4	10 100	56.7	66.5	9 400							34.0
36.0	43.4	60.7	8 900*	45.9	62.0	9 400*	49.9	63.8	9 400	53.7	65.1	8 800							36.0
38.0	39.6	58.4	8 400*	42.3	59.9	8 800*	46.6	62.0	8 700	50.5	63.5	8 100	54.1	64.5	7 500				38.0
40.0	35.5	55.8	7 800*	38.5	57.6	8 200*	43.0	60.0	8 000	47.1	61.8	7 500	50.9	63.0	7 000				40.0
42.0	30.9	52.7	7 400*	34.2	54.9	7 700*	39.2	57.7	7 500	43.6	59.8	6 900	47.6	61.3	6 400	51.2	62.2	5 900	42.0
44.0	25.6	49.0	6 900*	29.5	51.7	7 300*	35.0	55.1	6 900	39.9	57.6	6 400	44.1	59.3	6 000	47.9	60.5	5 500	44.0
46.0	19.0	44.1	5 800*	23.9	47.7	6 800*	30.4	52.0	6 500	35.8	55.0	6 000	40.4	57.2	5 500	44.5	58.6	5 100	46.0
48.0				16.7	42.3	5 900*	25.0	48.1	6 100	31.2	52.0	5 600	36.3	54.6	5 200	40.8	56.4	4 700	48.0
50.0							18.2	43.1	5 600	26.0	48.3	5 200	31.9	51.7	4 800	36.8	54.0	4 400	50.0
52.0										19.5	43.5	4 900	26.8	48.1	4 500	32.4	51.0	4 100	52.0
54.0													20.5	43.5	4 200	27.3	47.6	3 800	54.0
56.0													11.4	36.5	3 900	21.2	43.1	3 500	56.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 155 On
Boom No. 84
44 680 kg Crane Counterweight
19 960 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speeds
(all boom lengths)
10 m/s Maximum Wind thru 33.5m Luffing Jib
7 m/s with 36.6m thru 48.8m Luffing Jib

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SERIES 2

European
Standards

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

Jib Oper. Rad. m	88 Degree Boom Angle			85 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 Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
15.2	75.6	76.5	14 600*																15.2
16.0	74.6	76.3	14 200*																16.0
18.0	72.2	75.7	13 300*																18.0
20.0	69.7	75.0	12 400*	71.5	75.4	13 000*													20.0
22.0	67.2	74.2	11 600*	69.0	74.7	12 200*													22.0
24.0	64.6	73.3	10 800*	66.4	73.8	11 400*													24.0
26.0	62.0	72.3	10 100*	63.9	72.9	10 600*	66.9	73.7	11 400*										26.0
28.0	59.3	71.2	9 400*	61.2	71.9	9 900*	64.3	72.8	10 700*										28.0
30.0	56.5	69.9	8 700*	58.5	70.7	9 200*	61.7	71.7	10 000*										30.0
32.0	53.6	68.5	8 100*	55.7	69.4	8 600*	59.0	70.6	9 300*	62.1	71.4	9 900							32.0
34.0	50.6	66.9	7 500*	52.8	68.0	8 000*	56.2	69.3	8 700*	59.4	70.3	9 200							34.0
36.0	47.5	65.2	7 000*	49.8	66.4	7 400*	53.3	67.9	8 100*	56.7	69.0	8 500							36.0
38.0	44.3	63.3	6 500*	46.6	64.6	6 900*	50.3	66.3	7 500*	53.8	67.6	7 900							38.0
40.0	40.8	61.1	6 000*	43.3	62.6	6 400*	47.2	64.6	7 000*	50.8	66.1	7 400	54.2	67.1	6 800				40.0
42.0	37.0	58.6	5 600*	39.8	60.3	5 900*	43.9	62.6	6 500*	47.7	64.4	6 800	51.3	65.6	6 300				42.0
44.0	32.9	55.8	5 200*	35.9	57.8	5 500*	40.4	60.4	6 000*	44.5	62.4	6 300	48.2	63.9	5 800				44.0
46.0	28.3	52.4	4 900*	31.7	54.8	5 100*	36.7	57.9	5 600*	41.0	60.3	5 900	44.9	62.0	5 400	48.5	63.1	4 900	46.0
48.0	22.9	48.2	4 500*	26.9	51.2	4 800*	32.5	55.0	5 200*	37.3	57.8	5 500	41.5	59.8	5 000	45.3	61.2	4 500	48.0
50.0	15.8	42.5	4 300*	21.1	46.7	4 500*	27.8	51.6	4 900*	33.2	55.0	5 100	37.8	57.4	4 600	41.9	59.1	4 200	50.0
52.0				22.3	47.3	4 500*	28.7	51.7	4 700	33.8	54.7	4 300	38.2	56.7	3 900	38.2	56.7	3 900	52.0
54.0							14.9	41.4	4 300*	23.3	47.5	4 400	29.3	51.4	4 000	34.2	54.0	3 600	54.0
56.0										16.4	42.0	4 100	24.1	47.4	3 700	29.8	50.8	3 300	56.0
58.0													17.5	42.2	3 400	24.7	46.9	3 100	58.0
60.0																18.2	41.8	2 800	60.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 155 On
Boom No. 84
44 680 kg Crane Counterweight
19 960 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speeds
(all boom lengths)
10 m/s Maximum Wind thru 33.5m Luffing Jib
7 m/s with 36.6m thru 48.8m Luffing Jib

**555
SERIES 2**

European
Standards

30.5m (100 Ft.) Boom, 18.3m (60 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			85 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 Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
10.7	64.8	48.8	39 900*b																10.7
12.0	60.1	48.1	35 900*b																12.0
14.0	52.5	46.8	30 900*b	58.6	47.8	32 500b													14.0
16.0	44.1	45.0	27 300*	50.9	46.4	28 500b	60.9	47.8	27 100b										16.0
18.0	34.2	42.6	24 700*	42.3	44.5	25 400	53.4	46.5	24 000										18.0
20.0				31.9	41.8	22 900	45.1	44.8	21 600	55.7	46.3	20 400b							20.0
22.0							35.4	42.4	19 500	47.7	44.7	18 400							22.0
24.0							22.5	38.8	17 400	38.5	42.6	16 500	49.9	44.4	15 700				24.0
26.0										26.9	39.5	14 900	41.1	42.4	14 100	51.7	43.7	13 300	26.0
28.0													30.4	39.6	12 800	43.2	41.9	12 100	28.0
30.0													13.5	34.7	11 600	33.0	39.3	11 000	30.0
32.0																18.6	35.2	10 100	32.0

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

Jib Oper. Rad. m	88 Degree Boom Angle			85 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 Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
10.7	68.6	52.2	39 800*b																10.7
12.0	64.7	51.6	35 700*b																12.0
14.0	58.6	50.5	30 900*	63.5	51.3	31 800b													14.0
16.0	52.0	49.1	27 200*	57.3	50.1	27 900	65.3	51.2	26 500b										16.0
18.0	44.9	47.3	24 400*	50.6	48.7	24 900	59.3	50.2	23 500										18.0
20.0	36.6	45.0	22 200*	43.3	46.8	22 400	52.8	48.8	21 100	61.1	49.9	20 000b							20.0
22.0	26.3	41.7	19 800*	34.7	44.3	20 300	45.7	47.1	19 200	54.8	48.6	18 100							22.0
24.0				23.7	40.8	18 300	37.6	44.8	17 300	47.9	47.0	16 400							24.0
26.0							27.6	41.7	15 600	40.1	45.0	14 800	49.8	46.7	13 900				26.0
28.0										30.9	42.2	13 400	42.3	44.7	12 700				28.0
30.0										17.8	37.7	12 200	33.6	42.2	11 600	44.1	44.2	10 900	30.0
32.0													22.0	38.4	10 600	35.7	41.8	10 000	32.0
34.0																25.0	38.4	9 200	34.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 155 On
Boom No. 84
44 680 kg Crane Counterweight
19 960 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speeds
(all boom lengths)
10 m/s Maximum Wind thru 33.5m Luffing Jib
7 m/s with 36.6m thru 48.8m Luffing Jib

**555
SERIES 2**

European
Standards

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

Jib Oper. Rad. m	88 Degree Boom Angle			85 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 Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
10.7	71.4	55.4	36 800*b																10.7
12.0	68.0	54.9	35 300*b																12.0
14.0	62.9	54.0	30 700*	67.0	54.6	31 100b													14.0
16.0	57.4	52.8	27 100*	61.8	53.7	27 300													16.0
18.0	51.7	51.4	24 300*	56.3	52.5	24 300	63.4	53.6	23 000										18.0
20.0	45.4	49.7	22 000*	50.4	51.0	21 800	58.1	52.5	20 600										20.0
22.0	38.3	47.4	20 200*	44.0	49.1	19 800	52.3	51.1	18 700	59.7	52.3	17 600							22.0
24.0	30.0	44.5	18 600	36.8	46.8	18 100	46.1	49.4	17 100	54.1	51.0	16 100							24.0
26.0				28.0	43.6	16 300	39.2	47.2	15 500	48.0	49.3	14 600	55.6	50.5	13 800				26.0
28.0							31.0	44.4	14 000	41.3	47.3	13 200	49.7	49.0	12 500				28.0
30.0							20.1	40.2	12 800	33.6	44.7	12 100	43.2	47.1	11 400				30.0
32.0										23.8	41.0	11 100	35.8	44.6	10 400	44.7	46.5	9 700	32.0
34.0													26.7	41.3	9 600	37.5	44.2	9 000	34.0
36.0													12.8	35.8	8 800	29.0	41.2	8 300	36.0
38.0																16.9	36.4	7 600	38.0

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

Jib Oper. Rad. m	88 Degree Boom Angle			85 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 Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
10.7	73.5	58.6	34 000*b																10.7
12.0	70.6	58.2	32 800*b																12.0
14.0	66.1	57.4	30 700*	69.7	57.9	30 500b													14.0
16.0	61.4	56.4	27 100*	65.1	57.1	26 700													16.0
18.0	56.5	55.2	24 200*	60.4	56.0	23 800													18.0
20.0	51.4	53.7	22 000*	55.5	54.8	21 400	61.9	56.0	20 200										20.0
22.0	45.8	52.0	20 000*	50.3	53.3	19 400	57.1	54.8	18 300										22.0
24.0	39.6	49.8	18 400	44.6	51.4	17 800	52.0	53.4	16 700	58.6	54.6	15 700							24.0
26.0	32.5	47.0	16 800	38.3	49.2	16 300	46.5	51.7	15 300	53.5	53.3	14 400							26.0
28.0	23.7	43.3	14 700	30.9	46.3	14 800	40.4	49.6	14 000	48.1	51.6	13 200	54.9	52.8	12 300				28.0
30.0				21.4	42.2	13 500	33.4	46.9	12 700	42.2	49.7	12 000	49.6	51.3	11 300				30.0
32.0							24.8	43.3	11 700	35.6	47.2	11 000	43.9	49.4	10 300	50.8	50.6	9 600	32.0
34.0										27.6	43.9	10 100	37.4	47.1	9 500	45.2	48.8	8 800	34.0
36.0										16.4	39.0	9 300	29.9	44.1	8 700	38.9	46.6	8 200	36.0
38.0													20.0	39.8	8 100	31.7	43.8	7 600	38.0
40.0																22.6	39.9	7 000	40.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 155 On
Boom No. 84
44 680 kg Crane Counterweight
19 960 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speeds
(all boom lengths)
10 m/s Maximum Wind thru 33.5m Luffing Jib
7 m/s with 36.6m thru 48.8m Luffing Jib

**555
SERIES 2**

European
Standards

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

Jib Oper. Rad. m	88 Degree Boom Angle			85 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 Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
10.7	75.2	61.8	29 300*b																10.7
12.0	72.6	61.4	28 500*b																12.0
14.0	68.6	60.7	26 800*	71.8	61.1	28 300*b													14.0
16.0	64.5	59.8	25 300*	67.8	60.4	26 200													16.0
18.0	60.2	58.7	23 800*	63.6	59.5	23 300													18.0
20.0	55.8	57.5	21 700	59.4	58.4	20 900	65.0	59.4	19 700										20.0
22.0	51.1	56.0	19 700	54.9	57.1	19 000	60.7	58.4	17 800										22.0
24.0	46.1	54.3	18 000	50.1	55.6	17 300	56.3	57.2	16 300										24.0
26.0	40.7	52.2	16 500	45.1	53.7	15 900	51.7	55.7	14 900	57.6	57.0	14 000							26.0
28.0	34.5	49.5	15 200	39.5	51.5	14 600	46.7	54.0	13 700	53.1	55.6	12 900							28.0
30.0	27.1	46.2	13 700	33.1	48.8	13 300	41.3	51.9	12 600	48.2	53.9	11 800	54.3	55.1	11 000				30.0
32.0	17.1	41.3	10 800*	25.4	45.2	12 200	35.2	49.4	11 500	43.0	52.0	10 800	49.5	53.6	10 100				32.0
34.0							28.0	46.1	10 600	37.1	49.6	9 900	44.4	51.7	9 300	50.6	52.9	8 600	34.0
36.0							18.5	41.5	9 800	30.3	46.6	9 200	38.7	49.5	8 500	45.6	51.1	7 900	36.0
38.0										21.8	42.5	8 500	32.2	46.6	7 900	40.0	49.0	7 300	38.0
40.0													24.3	42.9	7 300	33.8	46.3	6 800	40.0
42.0													12.3	36.9	6 700	26.3	42.8	6 300	42.0
44.0																15.8	37.6	5 800	44.0

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

Jib Oper. Rad. m	88 Degree Boom Angle			85 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 Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
12.2	73.9	64.5	26 500*																12.2
14.0	70.6	63.9	25 100*																14.0
16.0	67.0	63.1	23 700*	69.9	63.7	24 900*													16.0
18.0	63.2	62.2	22 300*	66.2	62.9	22 900													18.0
20.0	59.3	61.1	21 000	62.4	61.9	20 600	67.4	62.8	19 400										20.0
22.0	55.2	59.8	19 400	58.5	60.8	18 700	63.6	61.8	17 600										22.0
24.0	50.9	58.3	17 700	54.4	59.4	17 100	59.7	60.8	16 000										24.0
26.0	46.4	56.6	16 300	50.0	57.9	15 700	55.7	59.5	14 700	60.9	60.5	13 800							26.0
28.0	41.5	54.5	15 000	45.4	56.1	14 500	51.4	58.0	13 600	56.9	59.3	12 700							28.0
30.0	36.0	52.0	13 800	40.4	53.9	13 400	46.9	56.3	12 500	52.7	57.9	11 700							30.0
32.0	29.7	48.9	12 700	34.8	51.3	12 200	42.0	54.3	11 500	48.3	56.2	10 700	53.8	57.5	10 100				32.0
34.0	21.8	44.8	11 000*	28.3	48.0	11 300	36.6	51.8	10 600	43.5	54.3	9 900	49.5	55.9	9 200				34.0
36.0				19.9	43.6	10 300	30.5	48.8	9 800	38.3	52.0	9 100	44.8	54.0	8 500	50.5	55.2	7 900	36.0
38.0							22.8	44.8	9 100	32.4	49.2	8 500	39.7	51.8	7 900	45.9	53.4	7 300	38.0
40.0										25.3	45.5	7 800	34.0	49.2	7 300	40.9	51.3	6 800	40.0
42.0										15.5	40.2	7 300	27.3	45.8	6 800	35.4	48.8	6 300	42.0
44.0													18.6	41.1	6 300	29.0	45.6	5 800	44.0
46.0																20.8	41.3	5 400	46.0



Liftcrane Luffing Jib Capacities

**Luffing Jib No. 155 On
Boom No. 84
44 680 kg Crane Counterweight
19 960 kg Carbody Counterweight
360 Degree Rating**

**Maximum Operating Wind Speeds
(all boom lengths)**
10 m/s Maximum Wind thru 33.5m Luffing Jib
7 m/s with 36.6m thru 48.8m Luffing Jib

**European
Standards**

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

Jib Oper. Rad. m	88 Degree Boom Angle			85 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 Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
12.2	75.2	67.7	24 500*																12.2
14.0	72.3	67.1	23 200*																14.0
16.0	69.0	66.4	21 900*	71.6	66.9	23 000*													16.0
18.0	65.6	65.6	20 700*	68.3	66.2	21 700*													18.0
20.0	62.1	64.6	19 500*	64.9	65.3	20 200													20.0
22.0	58.5	63.5	18 300*	61.4	64.3	18 300	66.0	65.2	17 200										22.0
24.0	54.7	62.2	17 200	57.7	63.1	16 700	62.5	64.2	15 600										24.0
26.0	50.8	60.6	15 900	53.9	61.7	15 300	58.9	63.1	14 400										26.0
28.0	46.6	58.9	14 700	50.0	60.2	14 100	55.2	61.8	13 200	60.0	62.9	12 400							28.0
30.0	42.1	56.8	13 600	45.7	58.4	13 100	51.2	60.3	12 200	56.3	61.6	11 400							30.0
32.0	37.2	54.4	12 600	41.2	56.3	12 100	47.1	58.6	11 300	52.4	60.2	10 600	57.3	61.2	9 800				32.0
34.0	31.7	51.5	11 600	36.2	53.8	11 100	42.7	56.6	10 500	48.3	58.5	9 700	53.5	59.8	9 100				34.0
36.0	25.1	47.8	10 400	30.4	50.7	10 300	37.8	54.2	9 600	44.0	56.6	9 000	49.4	58.2	8 300				36.0
38.0	16.2	42.5	8 200*	23.5	46.8	9 500	32.3	51.4	8 900	39.3	54.4	8 300	45.2	56.3	7 700				38.0
40.0							25.9	47.8	8 300	34.0	51.7	7 700	40.6	54.2	7 100	46.2	55.7	6 600	40.0
42.0							17.4	42.7	7 700	27.9	48.3	7 200	35.5	51.6	6 600	41.6	53.7	6 100	42.0
44.0										20.3	43.9	6 700	29.7	48.5	6 100	36.7	51.2	5 700	44.0
46.0													22.5	44.4	5 700	31.1	48.2	5 200	46.0
48.0													12.0	38.0	5 300	24.3	44.4	4 800	48.0
50.0																15.0	38.8	4 500	50.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 155 On
Boom No. 84
44 680 kg Crane Counterweight
19 960 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speeds
(all boom lengths)
10 m/s Maximum Wind thru 33.5m Luffing Jib
7 m/s with 36.6m thru 48.8m Luffing Jib

**555
SERIES 2**

European
Standards

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

Jib Oper. Rad. m	88 Degree Boom Angle			85 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 Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
13.7	74.1	70.4	21 600*																13.7
14.0	73.7	70.3	21 400*																14.0
16.0	70.7	69.7	20 200*																16.0
18.0	67.6	68.9	19 100*	70.0	69.4	20 000*													18.0
20.0	64.4	68.0	18 000*	66.9	68.6	18 900*													20.0
22.0	61.1	67.0	17 000*	63.7	67.7	17 800													22.0
24.0	57.8	65.8	16 000*	60.5	66.7	16 300	64.8	67.7	15 300										24.0
26.0	54.3	64.5	15 100*	57.1	65.4	15 000	61.5	66.6	14 000										26.0
28.0	50.6	62.9	14 200	53.6	64.1	13 800	58.2	65.5	12 900										28.0
30.0	46.8	61.2	13 400	49.9	62.5	12 800	54.7	64.1	11 900	59.2	65.2	11 100							30.0
32.0	42.7	59.2	12 400	46.0	60.7	11 900	51.1	62.6	11 100	55.7	64.0	10 300							32.0
34.0	38.2	56.8	11 400	41.8	58.6	11 000	47.2	60.9	10 300	52.2	62.5	9 500	56.7	63.5	8 900				34.0
36.0	33.3	54.0	10 600	37.3	56.2	10 200	43.2	58.9	9 500	48.4	60.8	8 800	53.1	62.1	8 200				36.0
38.0	27.6	50.6	9 800	32.2	53.3	9 400	38.8	56.6	8 800	44.4	58.9	8 100	49.4	60.5	7 600				38.0
40.0	20.5	46.1	8 200*	26.3	49.7	8 700	33.9	53.9	8 100	40.1	56.7	7 600	45.5	58.6	7 000	50.3	59.8	6 400	40.0
42.0				18.7	44.9	7 900	28.3	50.6	7 600	35.4	54.2	7 000	41.3	56.5	6 500	46.4	58.0	5 900	42.0
44.0							21.4	46.2	7 000	30.0	51.0	6 500	36.7	54.0	6 000	42.2	56.0	5 500	44.0
46.0										23.6	47.1	6 100	31.5	51.1	5 600	37.7	53.6	5 100	46.0
48.0										14.8	41.3	5 600	25.4	47.4	5 200	32.7	50.8	4 700	48.0
50.0													17.5	42.3	4 800	26.9	47.3	4 400	50.0
52.0																19.6	42.6	4 000	52.0



Liftcrane Luffing Jib Capacities

**Luffing Jib No. 155 On
Boom No. 84
44 680 kg Crane Counterweight
19 960 kg Carbody Counterweight
360 Degree Rating**

**Maximum Operating Wind Speeds
(all boom lengths)**
10 m/s Maximum Wind thru 33.5m Luffing Jib
7 m/s with 36.6m thru 48.8m Luffing Jib

**555
SERIES 2**

**European
Standards**

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

Jib Oper. Rad. m	88 Degree Boom Angle			85 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 Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
13.7	75.3	73.6	19 900*																13.7
14.0	74.9	73.5	19 700*																14.0
16.0	72.1	72.9	18 600*																16.0
18.0	69.2	72.2	17 600*																18.0
20.0	66.3	71.4	16 500*	68.7	71.9	17 400*													20.0
22.0	63.4	70.4	15 500*	65.7	71.1	16 400*													22.0
24.0	60.3	69.4	14 600*	62.8	70.1	15 400*													24.0
26.0	57.2	68.2	13 700*	59.7	69.0	14 500	63.7	70.1	13 600										26.0
28.0	53.9	66.8	12 900*	56.5	67.8	13 500	60.7	69.0	12 600										28.0
30.0	50.5	65.2	12 100*	53.2	66.4	12 500	57.5	67.8	11 600										30.0
32.0	47.0	63.5	11 400*	49.8	64.8	11 600	54.3	66.5	10 700	58.5	67.6	10 000							32.0
34.0	43.2	61.5	10 700*	46.2	63.0	10 700	50.9	64.9	10 000	55.3	66.3	9 200							34.0
36.0	39.1	59.2	10 100*	42.4	60.9	10 000	47.4	63.2	9 300	51.9	64.8	8 600	56.1	65.8	7 900				36.0
38.0	34.6	56.5	9 500*	38.2	58.6	9 300	43.6	61.2	8 600	48.4	63.1	8 000	52.8	64.4	7 300				38.0
40.0	29.5	53.3	9 000	33.6	55.8	8 600	39.6	59.0	8 000	44.7	61.2	7 400	49.4	62.8	6 800				40.0
42.0	23.5	49.3	8 000	28.4	52.5	8 000	35.1	56.4	7 400	40.8	59.1	6 800	45.7	61.0	6 300	50.2	62.1	5 700	42.0
44.0	15.5	43.7	6 200*	22.1	48.2	7 400	30.1	53.2	6 900	36.5	56.6	6 300	41.9	58.9	5 800	46.6	60.3	5 300	44.0
46.0							24.3	49.3	6 400	31.7	53.6	5 900	37.7	56.5	5 400	42.8	58.3	4 900	46.0
48.0							16.6	44.0	6 000	26.1	50.0	5 500	33.0	53.6	5 000	38.6	56.0	4 500	48.0
50.0										19.2	45.2	5 100	27.7	50.2	4 600	34.1	53.3	4 200	50.0
52.0													21.2	45.8	4 300	29.0	50.0	3 900	52.0
54.0													11.7	39.1	4 000	22.8	45.9	3 600	54.0
56.0																14.4	39.9	3 300	56.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 155 On
Boom No. 84
44 680 kg Crane Counterweight
19 960 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speeds
(all boom lengths)
10 m/s Maximum Wind thru 33.5m Luffing Jib
7 m/s with 36.6m thru 48.8m Luffing Jib

**555
SERIES 2**

European
Standards

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

Jib Oper. Rad. m	88 Degree Boom Angle			85 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 Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
15.2	74.3	76.3	17 200*																15.2
16.0	73.3	76.1	17 000*																16.0
18.0	70.7	75.4	16 200*																18.0
20.0	68.0	74.7	15 200*	70.1	75.2	15 900*													20.0
22.0	65.3	73.8	14 300*	67.4	74.4	15 100*													22.0
24.0	62.5	72.8	13 400*	64.7	73.5	14 100*													24.0
26.0	59.6	71.7	12 500*	61.9	72.5	13 200*	65.6	73.4	13 500										26.0
28.0	56.7	70.5	11 800*	59.0	71.4	12 400*	62.8	72.5	12 400										28.0
30.0	53.6	69.1	11 000*	56.0	70.1	11 600*	59.9	71.4	11 400										30.0
32.0	50.4	67.5	10 200*	53.0	68.7	10 900*	57.0	70.2	10 600	60.8	71.1	9 800							32.0
34.0	47.1	65.8	9 600*	49.8	67.1	10 200*	54.0	68.8	9 800	57.9	69.9	9 100							34.0
36.0	43.6	63.8	9 000*	46.4	65.3	9 500*	50.8	67.2	9 200	54.9	68.6	8 400							36.0
38.0	39.8	61.6	8 400*	42.8	63.3	8 900*	47.5	65.5	8 600	51.7	67.1	7 900	55.7	68.1	7 200				38.0
40.0	35.7	59.0	7 900*	39.0	61.0	8 300*	44.0	63.6	7 900	48.5	65.4	7 300	52.6	66.7	6 700				40.0
42.0	31.2	56.0	7 400*	34.8	58.3	7 800*	40.2	61.3	7 400	45.0	63.6	6 800	49.4	65.1	6 200				42.0
44.0	25.9	52.3	7 000*	30.2	55.2	7 300*	36.2	58.8	6 800	41.4	61.4	6 300	46.0	63.2	5 800	50.1	64.4	5 200	44.0
46.0	19.4	47.5	6 300*	24.7	51.3	6 900	31.7	55.8	6 400	37.4	59.0	5 800	42.4	61.2	5 300	46.7	62.6	4 800	46.0
48.0				17.8	46.2	6 200	26.5	52.2	6 000	33.1	56.2	5 400	38.5	58.8	4 900	43.2	60.6	4 500	48.0
50.0							20.2	47.6	5 500	28.2	52.8	5 100	34.3	56.1	4 600	39.4	58.4	4 100	50.0
52.0										22.3	48.5	4 700	29.5	52.9	4 300	35.3	55.7	3 800	52.0
54.0										14.3	42.5	4 400	24.0	49.0	4 000	30.6	52.7	3 500	54.0
56.0													16.7	43.6	3 700	25.3	48.9	3 300	56.0
58.0																18.6	43.9	3 000	58.0



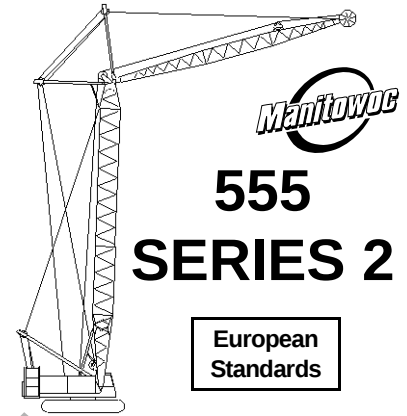
Liftcrane Luffing Jib Capacities

Luffing Jib No. 155 On
Boom No. 84
44 680 kg Crane Counterweight
19 960 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speeds
(all boom lengths)
10 m/s Maximum Wind thru 33.5m Luffing Jib
7 m/s with 36.6m thru 48.8m Luffing Jib

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

Jib Oper. Rad. m	88 Degree Boom Angle			85 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 Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
15.2	75.7	79.5	14 600*																15.2
16.0	74.8	79.3	14 200*																16.0
18.0	72.3	78.7	13 300*																18.0
20.0	69.8	78.1	12 400*	71.8	78.5	13 100*													20.0
22.0	67.3	77.3	11 600*	69.3	77.8	12 200*													22.0
24.0	64.7	76.4	10 800*	66.8	77.0	11 400*													24.0
26.0	62.1	75.4	10 100*	64.2	76.1	10 700*	67.6	76.9	11 600*										26.0
28.0	59.4	74.3	9 400*	61.6	75.1	10 000*	65.0	76.0	10 900*										28.0
30.0	56.6	73.0	8 800*	58.8	73.9	9 300*	62.4	75.0	10 100*										30.0
32.0	53.8	71.6	8 200*	56.1	72.6	8 700*	59.7	73.9	9 500*										32.0
34.0	50.8	70.1	7 600*	53.2	71.2	8 100*	57.0	72.7	8 800*	60.5	73.7	8 800							34.0
36.0	47.7	68.4	7 000*	50.2	69.6	7 500*	54.1	71.3	8 200*	57.8	72.5	8 200							36.0
38.0	44.4	66.4	6 500*	47.1	67.9	7 000*	51.1	69.8	7 700*	55.0	71.1	7 600							38.0
40.0	41.0	64.3	6 100*	43.8	65.9	6 500*	48.1	68.1	7 200*	52.0	69.7	7 100	55.7	70.7	6 500				40.0
42.0	37.3	61.8	5 700*	40.2	63.7	6 000*	44.8	66.2	6 600*	49.0	68.0	6 600	52.8	69.2	6 000				42.0
44.0	33.2	59.0	5 300*	36.5	61.2	5 600*	41.4	64.0	6 200*	45.8	66.2	6 200	49.8	67.6	5 600				44.0
46.0	28.6	55.6	4 900*	32.3	58.2	5 200*	37.7	61.6	5 700*	42.4	64.1	5 700	46.7	65.8	5 200	50.5	67.0	4 700	46.0
48.0	23.2	51.5	4 600*	27.6	54.8	4 800*	33.7	58.8	5 300*	38.8	61.8	5 300	43.3	63.8	4 800	47.4	65.2	4 300	48.0
50.0	16.3	45.9	4 300*	22.0	50.4	4 500*	29.1	55.6	5 000*	34.9	59.1	4 900	39.8	61.6	4 400	44.1	63.3	4 000	50.0
52.0				14.4	44.3	4 200*	23.9	51.5	4 600*	30.5	56.0	4 600	36.0	59.0	4 100	40.6	61.1	3 700	52.0
54.0							17.2	46.2	4 400*	25.5	52.2	4 200	31.7	56.0	3 800	36.8	58.6	3 400	54.0
56.0										19.4	47.4	4 000	26.9	52.5	3 500	32.7	55.7	3 100	56.0
58.0													21.2	48.0	3 300	28.1	52.3	2 900	58.0
60.0													13.2	41.5	3 000	22.6	48.1	2 600	60.0
62.0																15.4	42.2	2 400	62.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 155 On
Boom No. 84

44 680 kg Crane Counterweight
19 960 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speeds
(all boom lengths)

10 m/s Maximum Wind thru 33.5m Luffing Jib
7 m/s with 36.6m thru 48.8m Luffing Jib

European
Standards

33.5m (110 Ft.) Boom, 18.3m (60 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			85 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 Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
10.7	65.1	51.9	38 600*b																10.7
12.0	60.5	51.2	34 900*b																12.0
14.0	52.9	49.9	30 300*b	59.6	51.0	31 800b													14.0
16.0	44.6	48.2	26 900*	52.0	49.6	27 900b	62.8	51.1	26 300b										16.0
18.0	34.8	45.8	24 300*	43.5	47.8	24 800	55.5	49.9	23 300b										18.0
20.0				33.4	45.3	22 400	47.4	48.3	21 000	58.6	49.8	19 700b							20.0
22.0				19.2	41.2	19 400	38.2	46.1	19 000	51.0	48.4	17 800b							22.0
24.0							26.5	43.0	17 200	42.3	46.5	16 200							24.0
26.0										31.9	43.8	14 600	45.8	46.4	13 700				26.0
28.0													36.3	44.1	12 400	48.8	45.9	11 600	28.0
30.0													23.8	40.6	11 300	39.8	43.8	10 600	30.0
32.0																28.7	40.9	9 700	32.0

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

Jib Oper. Rad. m	88 Degree Boom Angle			85 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 Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
10.7	68.9	55.2	37 200*b																10.7
12.0	65.0	54.7	34 600*b																12.0
14.0	58.9	53.6	30 200*b	64.3	54.4	31 100b													14.0
16.0	52.4	52.2	26 600*	58.1	53.3	27 300b													16.0
18.0	45.3	50.5	24 000*	51.5	51.9	24 300	60.9	53.5	22 800b										18.0
20.0	37.1	48.2	21 900*	44.3	50.1	21 900	54.6	52.2	20 500										20.0
22.0	27.0	45.0	19 800*	36.0	47.7	19 900	47.7	50.6	18 600	57.3	52.1	17 400b							22.0
24.0				25.4	44.4	18 200	39.9	48.5	17 000	50.7	50.7	15 900							24.0
26.0							30.6	45.7	15 500	43.3	48.8	14 500	53.3	50.4	13 600				26.0
28.0							17.3	41.2	14 000	34.8	46.3	13 200	46.3	48.7	12 300				28.0
30.0										23.8	42.8	12 000	38.3	46.5	11 300	48.8	48.2	10 500	30.0
32.0													28.6	43.5	10 300	41.2	46.2	9 600	32.0
34.0																32.2	43.5	8 800	34.0
36.0																20.0	39.4	8 100	36.0



Liftcrane Luffing Jib Capacities

**Luffing Jib No. 155 On
Boom No. 84
44 680 kg Crane Counterweight
19 960 kg Carbody Counterweight
360 Degree Rating**

**Maximum Operating Wind Speeds
(all boom lengths)
10 m/s Maximum Wind thru 33.5m Luffing Jib
7 m/s with 36.6m thru 48.8m Luffing Jib**

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SERIES 2**

**European
Standards**

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

Jib Oper. Rad. m	88 Degree Boom Angle			85 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 Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
10.7	71.6	58.5	35 600*b																10.7
12.0	68.3	58.0	33 300*b																12.0
14.0	63.1	57.1	30 000*	67.7	57.8	30 400b													14.0
16.0	57.7	56.0	26 500*	62.5	56.8	26 600													16.0
18.0	52.0	54.5	23 700*	57.0	55.7	23 800	64.8	56.9	22 300										18.0
20.0	45.7	52.8	21 600*	51.2	54.2	21 400	59.5	55.8	20 000										20.0
22.0	38.7	50.6	19 900*	44.9	52.4	19 400	53.9	54.5	18 100										22.0
24.0	30.5	47.7	18 500*	37.8	50.2	17 800	47.8	52.9	16 500	56.3	54.4	15 500							24.0
26.0				29.3	47.1	16 300	41.1	50.8	15 200	50.5	53.0	14 200							26.0
28.0				17.4	42.5	14 200	33.3	48.2	13 900	44.1	51.1	13 000	52.8	52.7	12 100				28.0
30.0							23.4	44.5	12 700	36.8	48.8	11 900	46.6	51.0	11 000				30.0
32.0							1.9	35.6	11 600	28.0	45.6	10 900	39.8	48.8	10 100	48.8	50.5	9 400	32.0
34.0													31.7	46.1	9 300	42.3	48.5	8 600	34.0
36.0													21.2	42.0	8 600	34.7	46.0	7 900	36.0
38.0																25.3	42.5	7 300	38.0

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

Jib Oper. Rad. m	88 Degree Boom Angle			85 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 Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
10.7	73.7	61.7	29 900*b																10.7
12.0	70.8	61.2	29 900*b																12.0
14.0	66.3	60.5	28 600*	70.3	61.0	29 400b													14.0
16.0	61.7	59.5	26 300*	65.7	60.2	26 200													16.0
18.0	56.8	58.3	23 900*	61.1	59.2	23 300													18.0
20.0	51.7	56.8	21 700*	56.2	58.0	20 900	63.2	59.3	19 600										20.0
22.0	46.1	55.1	19 800	51.0	56.5	19 000	58.4	58.2	17 700										22.0
24.0	40.0	53.0	18 100	45.4	54.7	17 400	53.4	56.8	16 200										24.0
26.0	33.0	50.3	16 700	39.2	52.5	16 000	48.0	55.2	14 900	55.5	56.8	13 900							26.0
28.0	24.2	46.6	14 900	32.0	49.7	14 700	42.0	53.2	13 700	50.3	55.3	12 800							28.0
30.0				22.9	45.9	13 400	35.4	50.7	12 600	44.6	53.4	11 700	52.4	55.0	10 900				30.0
32.0				6.3	38.2	10 200	27.3	47.4	11 500	38.3	51.2	10 700	46.9	53.3	10 000				32.0
34.0							16.0	42.4	10 600	31.0	48.3	9 900	40.9	51.2	9 200	48.9	52.8	8 500	34.0
36.0										21.5	44.2	9 100	34.0	48.6	8 500	43.1	50.8	7 800	36.0
38.0													25.6	45.1	7 800	36.5	48.4	7 200	38.0
40.0																28.8	45.3	6 700	40.0
42.0																18.3	40.7	6 200	42.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 155 On
Boom No. 84
44 680 kg Crane Counterweight
19 960 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speeds
(all boom lengths)
10 m/s Maximum Wind thru 33.5m Luffing Jib
7 m/s with 36.6m thru 48.8m Luffing Jib

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SERIES 2**

European
Standards

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

Jib Oper. Rad. m	88 Degree Boom Angle			85 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 Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
10.7	75.4	64.8	28 500*b																10.7
12.0	72.8	64.4	28 100*b																12.0
14.0	68.8	63.8	26 700*	72.3	64.2	28 000b													14.0
16.0	64.7	62.9	25 100*	68.3	63.5	25 700													16.0
18.0	60.5	61.9	23 400*	64.2	62.7	22 800													18.0
20.0	56.1	60.6	21 300	59.9	61.6	20 500	66.1	62.7	19 100										20.0
22.0	51.4	59.2	19 300	55.5	60.3	18 600	61.9	61.7	17 300										22.0
24.0	46.4	57.4	17 700	50.8	58.8	17 000	57.5	60.5	15 800										24.0
26.0	41.0	55.3	16 300	45.8	57.0	15 600	52.9	59.1	14 500	59.4	60.4	13 500							26.0
28.0	34.8	52.7	15 000	40.2	54.9	14 400	48.1	57.5	13 300	54.9	59.1	12 400							28.0
30.0	27.6	49.5	13 800	34.0	52.3	13 300	42.8	55.5	12 400	50.2	57.6	11 400							30.0
32.0	17.8	44.7	11 200	26.5	48.8	12 200	36.9	53.1	11 400	45.1	55.7	10 600	52.1	57.3	9 700				32.0
34.0				16.2	43.7	10 800	30.1	50.1	10 400	39.5	53.5	9 700	47.1	55.6	9 000				34.0
36.0							21.4	46.0	9 600	33.1	50.8	9 000	41.8	53.5	8 200	48.9	55.1	7 600	36.0
38.0							4.8	37.4	8 800	25.5	47.2	8 300	35.7	51.0	7 600	43.7	53.2	7 000	38.0
40.0													28.7	47.9	7 100	37.9	50.8	6 500	40.0
42.0													19.5	43.4	6 500	31.3	47.9	6 000	42.0
44.0																23.1	44.0	5 500	44.0

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

Jib Oper. Rad. m	88 Degree Boom Angle			85 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 Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
12.2	74.1	67.6	26 100*b																12.2
14.0	70.8	67.0	24 800*																14.0
16.0	67.2	66.2	23 500*	70.4	66.8	24 600													16.0
18.0	63.4	65.3	22 100*	66.7	66.0	22 500													18.0
20.0	59.5	64.2	20 900	62.9	65.1	20 200													20.0
22.0	55.4	63.0	19 100	59.0	64.0	18 300	64.6	65.1	17 100										22.0
24.0	51.2	61.5	17 400	54.9	62.7	16 700	60.8	64.1	15 500										24.0
26.0	46.6	59.7	16 000	50.6	61.1	15 400	56.8	62.9	14 300	62.4	63.9	13 200							26.0
28.0	41.7	57.7	14 800	46.1	59.4	14 200	52.6	61.4	13 200	58.5	62.7	12 200							28.0
30.0	36.3	55.2	13 700	41.1	57.2	13 200	48.1	59.8	12 200	54.4	61.4	11 300							30.0
32.0	30.1	52.1	12 700	35.6	54.7	12 200	43.4	57.8	11 300	50.1	59.9	10 500	56.0	61.0	9 700				32.0
34.0	22.3	48.1	11 400	29.2	51.6	11 200	38.1	55.5	10 500	45.5	58.0	9 700	51.8	59.6	8 900				34.0
36.0				21.2	47.3	10 300	32.2	52.7	9 600	40.4	55.9	8 900	47.3	57.9	8 200				36.0
38.0				7.1	39.4	7 900	25.1	49.0	8 900	34.8	53.3	8 200	42.5	55.9	7 600	48.9	57.4	7 000	38.0
40.0							15.1	43.5	8 200	28.3	50.0	7 600	37.1	53.5	7 000	44.2	55.5	6 400	40.0
42.0										19.9	45.6	7 100	31.0	50.5	6 500	39.0	53.2	6 000	42.0
44.0													23.5	46.6	6 100	33.2	50.5	5 500	44.0
46.0																26.3	47.0	5 100	46.0
48.0																17.1	42.0	4 800	48.0



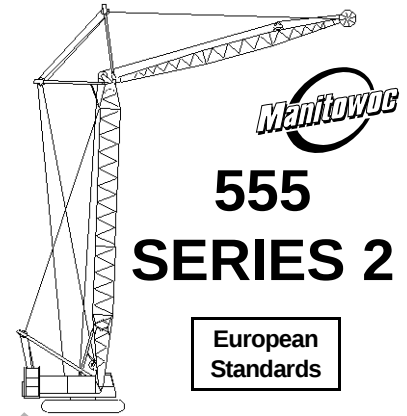
Liftcrane Luffing Jib Capacities

Luffing Jib No. 155 On
Boom No. 84
44 680 kg Crane Counterweight
19 960 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speeds
(all boom lengths)
10 m/s Maximum Wind thru 33.5m Luffing Jib
7 m/s with 36.6m thru 48.8m Luffing Jib

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

Jib Oper. Rad. m	88 Degree Boom Angle			85 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 Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
12.2	75.4	70.7	24 100*																12.2
14.0	72.5	70.2	23 000*																14.0
16.0	69.1	69.5	21 700*																16.0
18.0	65.8	68.7	20 500*	68.7	69.3	21 700*													18.0
20.0	62.3	67.7	19 400*	65.3	68.4	19 700													20.0
22.0	58.7	66.6	18 300*	61.8	67.5	17 900	66.9	68.4	16 700										22.0
24.0	54.9	65.3	17 100	58.2	66.3	16 300	63.4	67.5	15 200										24.0
26.0	51.0	63.8	15 700	54.4	65.0	15 000	59.8	66.4	13 900										26.0
28.0	46.8	62.0	14 500	50.5	63.4	13 800	56.2	65.2	12 900	61.4	66.3	11 900							28.0
30.0	42.4	60.0	13 400	46.3	61.7	12 800	52.3	63.7	11 900	57.7	65.1	11 000							30.0
32.0	37.5	57.6	12 500	41.8	59.6	11 900	48.2	62.1	11 000	54.0	63.7	10 200							32.0
34.0	32.0	54.7	11 600	36.9	57.2	11 100	43.9	60.2	10 300	50.0	62.2	9 500	55.5	63.4	8 700				34.0
36.0	25.5	51.1	10 600	31.3	54.2	10 200	39.1	57.9	9 500	45.8	60.3	8 800	51.6	61.9	8 000				36.0
38.0	16.8	45.9	8 500*	24.6	50.4	9 500	33.9	55.2	8 800	41.2	58.2	8 100	47.4	60.2	7 400				38.0
40.0				15.4	44.9	8 500	27.7	51.8	8 100	36.2	55.7	7 500	43.0	58.2	6 900	48.9	59.7	6 200	40.0
42.0							20.0	47.3	7 600	30.5	52.7	7 000	38.2	55.9	6 400	44.6	57.8	5 700	42.0
44.0							6.1	38.7	6 800	23.6	48.8	6 500	32.8	53.1	5 900	39.9	55.6	5 300	44.0
46.0													26.5	49.6	5 500	34.8	53.0	4 900	46.0
48.0													18.2	44.7	5 100	28.8	49.7	4 600	48.0
50.0																21.4	45.5	4 300	50.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 155 On
Boom No. 84
44 680 kg Crane Counterweight
19 960 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speeds
(all boom lengths)
10 m/s Maximum Wind thru 33.5m Luffing Jib
7 m/s with 36.6m thru 48.8m Luffing Jib

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SERIES 2

European
Standards

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

Jib Oper. Rad. m	88 Degree Boom Angle			85 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 Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
13.7	74.3	73.5	21 300*																13.7
14.0	73.9	73.4	21 200*																14.0
16.0	70.8	72.8	20 000*																16.0
18.0	67.7	72.0	19 000*	70.4	72.6	19 900*													18.0
20.0	64.6	71.1	17 900*	67.3	71.8	18 900													20.0
22.0	61.3	70.1	16 900*	64.2	70.9	17 600													22.0
24.0	58.0	68.9	16 000*	60.9	69.8	16 000	65.6	70.9	14 900										24.0
26.0	54.5	67.6	15 100*	57.5	68.7	14 700	62.4	69.9	13 600										26.0
28.0	50.8	66.1	14 200	54.0	67.3	13 500	59.1	68.8	12 500										28.0
30.0	47.0	64.3	13 100	50.4	65.7	12 500	55.6	67.5	11 600	60.5	68.6	10 700							30.0
32.0	42.9	62.3	12 200	46.5	64.0	11 700	52.0	66.1	10 700	57.1	67.4	9 900							32.0
34.0	38.5	60.0	11 400	42.4	61.9	10 800	48.3	64.4	10 000	53.6	66.0	9 200							34.0
36.0	33.6	57.2	10 600	37.9	59.6	10 100	44.3	62.5	9 300	49.9	64.5	8 500	55.0	65.7	7 800				36.0
38.0	27.9	53.9	9 800	32.9	56.7	9 400	40.0	60.3	8 700	46.0	62.7	8 000	51.4	64.2	7 200				38.0
40.0	20.9	49.5	8 600*	27.1	53.3	8 700	35.2	57.7	8 000	41.8	60.6	7 400	47.6	62.5	6 700				40.0
42.0				19.9	48.7	8 100	29.8	54.5	7 500	37.3	58.2	6 800	43.5	60.5	6 200	48.9	62.0	5 600	42.0
44.0				7.7	40.5	6 100	23.4	50.5	6 900	32.2	55.3	6 300	39.1	58.2	5 700	44.9	60.1	5 200	44.0
46.0							14.4	44.7	6 400	26.3	51.7	5 900	34.3	55.6	5 300	40.7	57.9	4 800	46.0
48.0										18.8	46.9	5 500	28.8	52.3	5 000	36.0	55.4	4 400	48.0
50.0													22.0	48.1	4 600	30.8	52.4	4 100	50.0
52.0																24.5	48.6	3 800	52.0
54.0																16.2	43.2	3 500	54.0



Liftcrane Luffing Jib Capacities

**Luffing Jib No. 155 On
Boom No. 84
44 680 kg Crane Counterweight
19 960 kg Carbody Counterweight
360 Degree Rating**

**Maximum Operating Wind Speeds
(all boom lengths)**
10 m/s Maximum Wind thru 33.5m Luffing Jib
7 m/s with 36.6m thru 48.8m Luffing Jib

**555
SERIES 2**

**European
Standards**

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

Jib Oper. Rad. m	88 Degree Boom Angle			85 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 Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
13.7	75.4	76.6	19 500*																13.7
14.0	75.0	76.6	19 400*																14.0
16.0	72.2	76.0	18 400*																16.0
18.0	69.4	75.3	17 400*																18.0
20.0	66.5	74.5	16 400*	69.0	75.1	17 300*													20.0
22.0	63.5	73.5	15 500*	66.1	74.2	16 400*													22.0
24.0	60.5	72.5	14 500*	63.2	73.3	15 400*													24.0
26.0	57.4	71.3	13 700*	60.1	72.2	14 300	64.5	73.3	13 200										26.0
28.0	54.1	69.9	12 900*	57.0	71.0	13 200	61.5	72.3	12 200										28.0
30.0	50.7	68.4	12 100*	53.7	69.6	12 200	58.4	71.2	11 200										30.0
32.0	47.2	66.6	11 400*	50.3	68.0	11 300	55.2	69.8	10 400	59.7	71.0	9 500							32.0
34.0	43.4	64.6	10 700*	46.7	66.3	10 500	51.8	68.4	9 700	56.6	69.8	8 900							34.0
36.0	39.3	62.4	10 100*	42.9	64.2	9 800	48.3	66.7	9 000	53.3	68.3	8 200							36.0
38.0	34.9	59.7	9 500*	38.8	61.9	9 200	44.6	64.8	8 400	49.8	66.8	7 600	54.6	68.0	6 900				38.0
40.0	29.8	56.6	9 000	34.3	59.2	8 500	40.7	62.6	7 900	46.2	65.0	7 200	51.2	66.5	6 400				40.0
42.0	23.9	52.6	8 200	29.1	56.0	8 000	36.3	60.1	7 300	42.4	62.9	6 600	47.7	64.8	6 000				42.0
44.0	16.0	47.1	6 500*	23.0	51.9	7 400	31.5	57.1	6 800	38.2	60.6	6 200	43.9	62.8	5 600	48.9	64.3	5 000	44.0
46.0				14.7	46.1	6 700*	25.9	53.5	6 300	33.7	57.8	5 700	39.9	60.6	5 200	45.2	62.4	4 600	46.0
48.0							18.9	48.6	5 900	28.4	54.5	5 300	35.5	58.0	4 800	41.3	60.3	4 200	48.0
50.0							6.8	39.9	5 200	22.2	50.2	4 900	30.6	55.0	4 400	37.1	57.8	3 900	50.0
52.0													24.8	51.1	4 100	32.4	54.9	3 600	52.0
54.0													17.3	46.0	3 800	26.9	51.4	3 300	54.0
56.0																20.2	46.8	3 100	56.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 155 On
Boom No. 84
44 680 kg Crane Counterweight
19 960 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speeds
(all boom lengths)
10 m/s Maximum Wind thru 33.5m Luffing Jib
7 m/s with 36.6m thru 48.8m Luffing Jib

**555
SERIES 2**

European
Standards

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

Jib Oper. Rad. m	88 Degree Boom Angle			85 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 Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
15.2	74.8	79.5	14 900*																15.2
16.0	73.9	79.3	14 900*																16.0
18.0	71.2	78.6	14 400*																18.0
20.0	68.6	77.9	13 500*	70.9	78.4	14 300*													20.0
22.0	65.8	77.1	12 700*	68.2	77.7	13 400*													22.0
24.0	63.1	76.1	11 900*	65.5	76.8	12 600*													24.0
26.0	60.2	75.0	11 200*	62.7	75.8	11 800*	66.7	76.8	12 900										26.0
28.0	57.3	73.8	10 500*	59.9	74.7	11 100*	64.0	75.9	12 000										28.0
30.0	54.2	72.4	9 800*	56.9	73.5	10 400*	61.1	74.8	11 100										30.0
32.0	51.1	70.9	9 200*	53.9	72.1	9 800*	58.2	73.7	10 200	62.3	74.7	9 400							32.0
34.0	47.8	69.2	8 600*	50.7	70.6	9 100*	55.2	72.4	9 500	59.5	73.5	8 700							34.0
36.0	44.3	67.3	8 100*	47.4	68.9	8 600*	52.1	70.9	8 900	56.5	72.3	8 100							36.0
38.0	40.6	65.1	7 600*	43.9	66.9	8 100*	48.9	69.2	8 300	53.5	70.9	7 600							38.0
40.0	36.6	62.6	7 100*	40.1	64.7	7 600*	45.5	67.4	7 700	50.3	69.3	7 000	54.7	70.6	6 300				40.0
42.0	32.1	59.7	6 700*	36.1	62.1	7 100*	41.8	65.3	7 300	46.9	67.6	6 600	51.5	69.1	5 900				42.0
44.0	27.1	56.1	6 300*	31.6	59.1	6 700*	37.9	62.9	6 800	43.4	65.6	6 100	48.3	67.4	5 500				44.0
46.0	20.9	51.7	6 000*	26.4	55.5	6 300*	33.6	60.1	6 300	39.6	63.3	5 700	44.8	65.5	5 100	49.4	66.8	4 600	46.0
48.0	12.0	44.9	5 100*	20.0	50.9	6 000*	28.8	56.8	5 900	35.5	60.7	5 300	41.1	63.3	4 800	46.0	65.0	4 200	48.0
50.0				10.5	43.5	5 100*	23.1	52.7	5 500	30.9	57.7	4 900	37.2	60.9	4 400	42.4	63.0	3 900	50.0
52.0							15.5	47.0	5 100	25.6	53.9	4 600	32.8	58.0	4 100	38.6	60.6	3 600	52.0
54.0										19.1	49.1	4 300	27.8	54.6	3 800	34.4	57.9	3 300	54.0
56.0										8.5	40.9	3 900	21.9	50.3	3 500	29.6	54.7	3 100	56.0
58.0																24.1	50.8	2 800	58.0
60.0																16.9	45.4	2 600	60.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 155 On
Boom No. 84
44 680 kg Crane Counterweight
19 960 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speeds
(all boom lengths)
10 m/s Maximum Wind thru 33.5m Luffing Jib
7 m/s with 36.6m thru 48.8m Luffing Jib

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

Jib Oper. Rad. m	88 Degree Boom Angle			85 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 Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
15.2	75.8	82.6	14 200*													15.2
16.0	74.9	82.4	14 000*													16.0
18.0	72.4	81.8	13 200*													18.0
20.0	70.0	81.2	12 400*	72.1	81.6	13 100*										20.0
22.0	67.4	80.4	11 600*	69.6	80.9	12 300*										22.0
24.0	64.9	79.5	10 800*	67.1	80.2	11 500*										24.0
26.0	62.2	78.5	10 100*	64.5	79.2	10 800*										26.0
28.0	59.6	77.4	9 400*	61.9	78.2	10 000*	65.7	79.3	11 000*							28.0
30.0	56.8	76.1	8 800*	59.2	77.1	9 400*	63.1	78.3	10 300*							30.0
32.0	53.9	74.8	8 200*	56.4	75.8	8 700*	60.4	77.2	9 700*							32.0
34.0	51.0	73.2	7 600*	53.6	74.4	8 100*	57.7	76.0	9 000*	61.6	77.0	8 400				34.0
36.0	47.9	71.5	7 100*	50.6	72.9	7 600*	54.9	74.7	8 400*	58.9	75.9	7 800				36.0
38.0	44.6	69.6	6 600*	47.5	71.2	7 000*	51.9	73.2	7 800*	56.1	74.6	7 200				38.0
40.0	41.2	67.4	6 100*	44.2	69.2	6 500*	48.9	71.6	7 300*	53.2	73.2	6 800	57.2	74.2	6 100	40.0
42.0	37.5	65.0	5 700*	40.7	67.0	6 100*	45.7	69.7	6 800*	50.2	71.6	6 300	54.3	72.9	5 600	42.0
44.0	33.4	62.2	5 300*	37.0	64.6	5 700*	42.3	67.6	6 300*	47.1	69.9	5 900	51.4	71.4	5 200	44.0
46.0	28.9	58.9	4 900*	32.9	61.7	5 200*	38.7	65.3	5 900*	43.8	67.9	5 500	48.3	69.7	4 900	46.0
48.0	23.5	54.8	4 600*	28.2	58.3	4 900*	34.8	62.6	5 500*	40.3	65.7	5 100	45.1	67.8	4 500	48.0
50.0	16.7	49.3	4 300*	22.8	54.1	4 600*	30.4	59.5	5 100*	36.5	63.1	4 800	41.7	65.7	4 200	50.0
52.0				15.6	48.4	4 300*	25.4	55.7	4 700*	32.3	60.2	4 400	38.0	63.3	3 900	52.0
54.0							19.2	50.8	4 400*	27.6	56.7	4 100	34.0	60.5	3 600	54.0
56.0							9.7	43.1	4 200*	22.0	52.4	3 800	29.5	57.3	3 300	56.0
58.0										14.5	46.4	3 600	24.3	53.3	3 100	58.0
60.0													17.8	48.2	2 900	60.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 155 On
Boom No. 84

44 680 kg Crane Counterweight
19 960 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speeds
(all boom lengths)
10 m/s Maximum Wind thru 33.5m Luffing Jib
7 m/s with 36.6m thru 48.8m Luffing Jib

**555
SERIES 2**

European
Standards

36.6m (120 Ft.) Boom, 18.3m (60 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			85 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 Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
10.7	65.5	55.0	37 400*b																10.7
12.0	60.8	54.3	34 000*b																12.0
14.0	53.4	53.1	29 600*b	60.5	54.2	31 000b													14.0
16.0	45.1	51.3	26 400*	53.0	52.9	27 200b													16.0
18.0	35.4	49.0	23 900*	44.7	51.1	24 300	57.4	53.2	22 700b										18.0
20.0	22.4	45.3	21 600*	34.9	48.7	21 900	49.6	51.7	20 400	61.5	53.2	19 000b							20.0
22.0				21.6	45.0	19 700	40.8	49.8	18 500	54.1	51.9	17 200b							22.0
24.0							30.0	47.0	17 000	45.9	50.2	15 700							24.0
26.0										36.3	47.9	14 400	50.2	50.2	13 400				26.0
28.0										23.8	44.5	13 000	41.5	48.2	12 100				28.0
30.0													30.9	45.5	11 100	45.8	48.0	10 200	30.0
32.0													14.6	40.7	10 100	36.2	45.7	9 400	32.0
34.0																23.6	42.2	8 600	34.0

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

Jib Oper. Rad. m	88 Degree Boom Angle			85 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 Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
10.7	69.2	58.3	36 000*b																10.7
12.0	65.3	57.8	33 500*b																12.0
14.0	59.2	56.7	29 400*b	65.0	57.6	30 300b													14.0
16.0	52.8	55.4	26 000*	59.0	56.5	26 700b													16.0
18.0	45.7	53.6	23 500*	52.5	55.2	23 800	62.5	56.7	22 200b										18.0
20.0	37.6	51.4	21 500*	45.3	53.4	21 400	56.3	55.6	19 900										20.0
22.0	27.6	48.3	19 800*	37.2	51.1	19 500	49.6	54.0	18 100	59.8	55.5	16 900b							22.0
24.0	11.4	42.6	14 600*	27.1	48.0	17 900	42.1	52.1	16 600	53.4	54.2	15 400							24.0
26.0							33.3	49.5	15 200	46.3	52.5	14 100	56.8	54.0	13 100				26.0
28.0							21.6	45.7	13 900	38.4	50.3	13 000	50.1	52.5	12 000				28.0
30.0										28.6	47.3	11 800	42.6	50.6	10 900				30.0
32.0										13.7	42.1	10 800	34.0	48.0	10 000	46.2	50.3	9 300	32.0
34.0													22.6	44.3	9 200	38.2	48.1	8 500	34.0
36.0																28.5	45.0	7 800	36.0
38.0																13.4	39.8	7 200	38.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 155 On
Boom No. 84
44 680 kg Crane Counterweight
19 960 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speeds
(all boom lengths)
10 m/s Maximum Wind thru 33.5m Luffing Jib
7 m/s with 36.6m thru 48.8m Luffing Jib

European
Standards

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

Jib Oper. Rad. m	88 Degree Boom Angle			85 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 Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
10.7	71.9	61.6	34 400*b																10.7
12.0	68.6	61.1	32 200*b																12.0
14.0	63.4	60.2	29 100*	68.3	60.9	29 600b													14.0
16.0	58.0	59.1	25 900*	63.2	60.0	26 000b													16.0
18.0	52.3	57.7	23 300*	57.8	58.9	23 200													18.0
20.0	46.1	56.0	21 200*	52.0	57.5	20 900	60.9	59.1	19 500										20.0
22.0	39.1	53.8	19 500*	45.8	55.7	19 000	55.4	57.9	17 700										22.0
24.0	30.9	50.9	18 200	38.8	53.5	17 400	49.5	56.3	16 100	58.5	57.9	14 900							24.0
26.0	20.0	46.7	15 600*	30.5	50.6	16 000	43.0	54.4	14 800	52.8	56.5	13 700							26.0
28.0				19.4	46.3	14 500	35.5	52.0	13 700	46.7	54.8	12 600	55.8	56.3	11 600				28.0
30.0							26.4	48.7	12 500	39.8	52.7	11 600	49.9	54.8	10 700				30.0
32.0							12.1	42.9	11 500	31.8	49.9	10 700	43.5	52.9	9 800	52.7	54.3	9 000	32.0
34.0										21.2	45.9	9 800	36.1	50.5	9 000	46.6	52.6	8 300	34.0
36.0													27.2	47.2	8 300	39.7	50.5	7 600	36.0
38.0													13.6	41.9	7 700	31.6	47.7	7 100	38.0
40.0																21.0	43.6	6 500	40.0

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

Jib Oper. Rad. m	88 Degree Boom Angle			85 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 Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
10.7	74.0	64.7	29 600*b																10.7
12.0	71.0	64.3	29 200*b																12.0
14.0	66.6	63.5	27 800*	70.8	64.2	28 900b													14.0
16.0	61.9	62.6	25 400*	66.4	63.4	25 600													16.0
18.0	57.1	61.4	23 300*	61.7	62.4	22 800													18.0
20.0	51.9	60.0	21 200*	56.8	61.2	20 500	64.4	62.6	19 100										20.0
22.0	46.4	58.3	19 400	51.7	59.8	18 600	59.7	61.5	17 300										22.0
24.0	40.3	56.1	17 800	46.2	58.0	17 000	54.7	60.2	15 800										24.0
26.0	33.4	53.5	16 400	40.0	55.9	15 700	49.4	58.7	14 500	57.5	60.2	13 400							26.0
28.0	24.7	49.9	14 900	33.0	53.2	14 500	43.7	56.7	13 300	52.4	58.8	12 300							28.0
30.0	11.2	43.7	10 800*	24.3	49.5	13 400	37.2	54.4	12 400	46.9	57.1	11 400	55.1	58.6	10 400				30.0
32.0				10.2	43.1	11 300				40.9	55.1	10 500	49.8	57.1	9 700				32.0
34.0							19.6	47.0	10 500	34.0	52.5	9 700	44.1	55.2	8 900				34.0
36.0										25.6	49.0	9 000	37.7	52.9	8 200	46.9	54.9	7 500	36.0
38.0										13.0	43.2	8 200	30.3	49.9	7 600	40.8	52.8	6 900	38.0
40.0													20.5	45.7	7 000	33.9	50.2	6 400	40.0
42.0																25.5	46.7	5 900	42.0
44.0																12.7	40.9	5 500	44.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 155 On
Boom No. 84
44 680 kg Crane Counterweight
19 960 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speeds
(all boom lengths)
10 m/s Maximum Wind thru 33.5m Luffing Jib
7 m/s with 36.6m thru 48.8m Luffing Jib

**555
SERIES 2**

European
Standards

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

Jib Oper. Rad. m	88 Degree Boom Angle			85 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 Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
10.7	75.6	67.9	27 700*b																10.7
12.0	73.0	67.5	27 300*b																12.0
14.0	69.0	66.8	26 400*																14.0
16.0	64.9	66.0	24 600*	68.8	66.7	25 000													16.0
18.0	60.7	65.0	22 600*	64.7	65.8	22 200													18.0
20.0	56.3	63.7	20 900	60.5	64.8	20 000	67.1	65.9	18 600										20.0
22.0	51.6	62.3	19 000	56.1	63.5	18 200	63.0	65.0	16 800										22.0
24.0	46.7	60.6	17 400	51.4	62.1	16 600	58.7	63.8	15 300										24.0
26.0	41.3	58.5	16 000	46.4	60.3	15 300	54.2	62.5	14 100	61.1	63.8	13 000							26.0
28.0	35.2	56.0	14 800	41.0	58.2	14 100	49.4	61.0	13 000	56.7	62.6	11 900							28.0
30.0	28.0	52.7	13 700	34.9	55.7	13 100	44.2	59.1	12 000	52.1	61.1	11 000							30.0
32.0	18.5	48.0	11 600	27.6	52.4	12 100	38.5	56.8	11 200	47.1	59.4	10 200	54.5	60.9	9 300				32.0
34.0				17.9	47.6	11 000	32.0	54.0	10 300	41.8	57.4	9 500	49.7	59.4	8 700				34.0
36.0							24.0	50.2	9 500	35.8	54.9	8 800	44.6	57.5	8 000				36.0
38.0							11.7	44.0	8 800	28.7	51.7	8 100	39.0	55.3	7 400	47.1	57.2	6 700	38.0
40.0										19.5	47.3	7 500	32.5	52.5	6 800	41.7	55.1	6 200	40.0
42.0													24.7	48.8	6 300	35.7	52.7	5 700	42.0
44.0													13.0	43.0	5 800	28.6	49.5	5 300	44.0
46.0																19.4	45.0	4 900	46.0

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

Jib Oper. Rad. m	88 Degree Boom Angle			85 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 Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
12.2	74.2	70.7	25 400*b																12.2
14.0	71.0	70.1	24 600*																14.0
16.0	67.3	69.3	23 300*	70.8	69.9	24 200													16.0
18.0	63.6	68.4	21 900*	67.2	69.2	21 900													18.0
20.0	59.7	67.3	20 400	63.4	68.2	19 700													20.0
22.0	55.7	66.1	18 800	59.5	67.2	17 900	65.6	68.3	16 600										22.0
24.0	51.4	64.6	17 100	55.5	65.9	16 400	61.8	67.4	15 100										24.0
26.0	46.9	62.9	15 800	51.2	64.4	15 000	57.8	66.2	13 900										26.0
28.0	42.0	60.8	14 600	46.7	62.7	13 900	53.7	64.8	12 800	60.1	66.2	11 800							28.0
30.0	36.6	58.4	13 500	41.8	60.6	12 900	49.3	63.2	11 900	56.0	64.9	10 900							30.0
32.0	30.4	55.4	12 700	36.4	58.1	12 000	44.7	61.4	11 000	51.8	63.5	10 100							32.0
34.0	22.8	51.4	11 400	30.1	55.1	11 100	39.6	59.2	10 300	47.3	61.7	9 400	54.0	63.2	8 500				34.0
36.0	11.0	44.8	8 200*	22.4	51.0	10 300	33.9	56.5	9 500	42.5	59.7	8 700	49.7	61.7	7 900				36.0
38.0				10.2	44.2	8 700	27.1	53.1	8 800	37.1	57.3	8 100	45.0	59.8	7 300				38.0
40.0							18.2	48.3	8 200	31.0	54.4	7 500	40.0	57.7	6 800	47.3	59.5	6 100	40.0
42.0										23.6	50.5	7 000	34.3	55.0	6 300	42.4	57.5	5 700	42.0
44.0										12.5	44.4	6 400	27.7	51.7	5 800	37.1	55.1	5 300	44.0
46.0													19.0	47.0	5 400	30.9	52.1	4 900	46.0
48.0																23.5	48.2	4 500	48.0
50.0																12.3	42.0	4 200	50.0



Liftcrane Luffing Jib Capacities

**Luffing Jib No. 155 On
Boom No. 84
44 680 kg Crane Counterweight
19 960 kg Carbody Counterweight
360 Degree Rating**

**Maximum Operating Wind Speeds
(all boom lengths)**
10 m/s Maximum Wind thru 33.5m Luffing Jib
7 m/s with 36.6m thru 48.8m Luffing Jib

**555
SERIES 2**

**European
Standards**

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

Jib Oper. Rad. m	88 Degree Boom Angle			85 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 Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
12.2	75.6	73.8	23 600*																12.2
14.0	72.6	73.3	22 700*																14.0
16.0	69.3	72.6	21 500*																16.0
18.0	65.9	71.8	20 300*	69.2	72.4	21 300													18.0
20.0	62.5	70.8	19 300*	65.8	71.6	19 300													20.0
22.0	58.9	69.7	18 200	62.3	70.6	17 500													22.0
24.0	55.1	68.4	16 800	58.7	69.5	16 000	64.3	70.8	14 800										24.0
26.0	51.2	66.9	15 400	55.0	68.2	14 700	60.8	69.7	13 500										26.0
28.0	47.1	65.2	14 200	51.0	66.7	13 600	57.1	68.5	12 500										28.0
30.0	42.6	63.2	13 200	46.9	64.9	12 600	53.3	67.2	11 500	59.2	68.5	10 500							30.0
32.0	37.8	60.8	12 300	42.4	62.9	11 700	49.3	65.6	10 700	55.5	67.2	9 700							32.0
34.0	32.3	57.9	11 500	37.5	60.5	10 900	45.0	63.7	10 000	51.6	65.7	9 100							34.0
36.0	25.9	54.3	10 700	32.0	57.7	10 200	40.4	61.5	9 300	47.5	64.0	8 500	53.6	65.6	7 600				36.0
38.0	17.3	49.3	8 800	25.5	54.0	9 400	35.3	59.0	8 700	43.0	62.1	7 900	49.6	64.0	7 100				38.0
40.0				16.9	48.9	8 600	29.5	55.8	8 000	38.2	59.7	7 300	45.4	62.1	6 600	51.5	63.5	5 900	40.0
42.0							22.3	51.7	7 500	32.8	56.9	6 800	40.8	60.0	6 100	47.4	61.8	5 500	42.0
44.0							11.5	45.1	6 900	26.5	53.4	6 300	35.7	57.5	5 700	43.0	59.8	5 100	44.0
46.0										18.3	48.6	5 900	29.9	54.4	5 300	38.2	57.5	4 700	46.0
48.0													22.9	50.3	4 900	32.8	54.7	4 400	48.0
50.0													12.6	44.1	4 500	26.4	51.1	4 000	50.0
52.0																18.1	46.3	3 700	52.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 155 On
Boom No. 84

44 680 kg Crane Counterweight
19 960 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speeds
(all boom lengths)

10 m/s Maximum Wind thru 33.5m Luffing Jib
7 m/s with 36.6m thru 48.8m Luffing Jib

**555
SERIES 2**

European
Standards

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

Jib Oper. Rad. m	88 Degree Boom Angle			85 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 Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
13.7	74.4	76.6	21 000*																13.7
14.0	74.0	76.5	20 900*																14.0
16.0	71.0	75.8	19 800*																16.0
18.0	67.9	75.1	18 800*	70.8	75.7	19 800*													18.0
20.0	64.7	74.2	17 800*	67.8	74.9	18 800													20.0
22.0	61.5	73.2	16 800*	64.6	74.0	17 200													22.0
24.0	58.1	72.0	15 900*	61.3	73.0	15 600													24.0
26.0	54.7	70.7	15 000	58.0	71.8	14 400	63.2	73.2	13 200										26.0
28.0	51.0	69.2	13 900	54.5	70.5	13 200	60.0	72.1	12 100										28.0
30.0	47.2	67.5	12 900	50.9	69.0	12 300	56.5	70.9	11 200										30.0
32.0	43.1	65.5	12 000	47.0	67.2	11 400	53.0	69.5	10 400	58.5	70.9	9 500							32.0
34.0	38.7	63.2	11 200	43.0	65.2	10 600	49.3	67.8	9 700	55.0	69.6	8 800							34.0
36.0	33.8	60.5	10 500	38.5	62.9	9 900	45.4	66.0	9 100	51.4	68.1	8 200							36.0
38.0	28.2	57.1	9 800	33.6	60.2	9 300	41.1	63.9	8 500	47.6	66.3	7 600	53.3	67.9	6 900				38.0
40.0	21.3	52.8	8 800*	28.0	56.8	8 600	36.5	61.4	7 900	43.5	64.4	7 100	49.6	66.3	6 400				40.0
42.0	10.9	45.9	6 200*	21.0	52.4	8 000	31.3	58.4	7 300	39.1	62.1	6 600	45.7	64.4	6 000	51.3	65.8	5 300	42.0
44.0				10.2	45.2	6 600	25.2	54.7	6 800	34.3	59.4	6 200	41.5	62.3	5 500	47.5	64.1	4 900	44.0
46.0							17.2	49.6	6 400	28.8	56.2	5 700	36.9	59.9	5 100	43.5	62.1	4 500	46.0
48.0										22.0	52.0	5 300	31.7	57.0	4 800	39.1	59.8	4 200	48.0
50.0										12.2	45.5	5 000	25.7	53.3	4 400	34.2	57.2	3 900	50.0
52.0													17.9	48.3	4 100	28.7	53.9	3 600	52.0
54.0																21.9	49.7	3 300	54.0
56.0																12.0	43.1	3 100	56.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 155 On
Boom No. 84
44 680 kg Crane Counterweight
19 960 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speeds
(all boom lengths)
10 m/s Maximum Wind thru 33.5m Luffing Jib
7 m/s with 36.6m thru 48.8m Luffing Jib

**555
SERIES 2**

European
Standards

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

Jib Oper. Rad. m	88 Degree Boom Angle			85 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 Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
13.7	75.6	79.7	18 600*													13.7
14.0	75.2	79.6	18 500*													14.0
16.0	72.4	79.1	18 100*													16.0
18.0	69.5	78.4	17 300*													18.0
20.0	66.7	77.6	16 300*	69.4	78.2	17 200*										20.0
22.0	63.7	76.6	15 400*	66.5	77.4	16 300*										22.0
24.0	60.7	75.6	14 500*	63.6	76.5	15 300										24.0
26.0	57.5	74.4	13 700*	60.5	75.4	14 000	65.3	76.6	12 800							26.0
28.0	54.3	73.0	12 900*	57.4	74.2	12 900	62.3	75.6	11 800							28.0
30.0	50.9	71.5	12 100*	54.1	72.8	11 900	59.2	74.5	10 900							30.0
32.0	47.3	69.8	11 400*	50.7	71.3	11 100	56.0	73.2	10 100	60.9	74.4	9 200				32.0
34.0	43.6	67.8	10 700*	47.2	69.6	10 300	52.7	71.8	9 400	57.8	73.2	8 500				34.0
36.0	39.5	65.5	10 100*	43.4	67.6	9 700	49.3	70.2	8 700	54.6	71.9	7 900				36.0
38.0	35.1	62.9	9 600	39.3	65.3	9 000	45.6	68.3	8 100	51.2	70.4	7 300				38.0
40.0	30.1	59.8	8 900	34.9	62.7	8 500	41.7	66.2	7 700	47.7	68.7	6 800	53.0	70.2	6 100	40.0
42.0	24.2	55.9	8 200	29.9	59.5	7 900	37.5	63.8	7 100	43.9	66.7	6 400	49.5	68.6	5 700	42.0
44.0	16.5	50.5	6 700*	23.9	55.6	7 400	32.9	61.0	6 700	39.9	64.5	6 000	45.9	66.8	5 300	44.0
46.0				16.1	50.1	6 700	27.5	57.5	6 200	35.5	61.9	5 600	42.0	64.7	4 900	46.0
48.0							21.0	53.1	5 800	30.6	58.8	5 200	37.8	62.3	4 600	48.0
50.0							11.3	46.2	5 400	24.8	55.0	4 800	33.2	59.5	4 200	50.0
52.0										17.3	49.8	4 500	27.9	56.1	3 900	52.0
54.0													21.5	51.8	3 600	54.0
56.0													12.3	45.2	3 400	56.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 155 On
Boom No. 84
44 680 kg Crane Counterweight
19 960 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speeds
(all boom lengths)
10 m/s Maximum Wind thru 33.5m Luffing Jib
7 m/s with 36.6m thru 48.8m Luffing Jib

**555
SERIES 2**

European
Standards

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

Jib Oper. Rad. m	88 Degree Boom Angle			85 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 Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
15.2	75.0	82.5	14 900*													15.2
16.0	74.0	82.3	14 900*													16.0
18.0	71.4	81.7	14 400*													18.0
20.0	68.7	81.0	13 500*	71.3	81.6	14 300*										20.0
22.0	66.0	80.2	12 700*	68.6	80.8	13 500*										22.0
24.0	63.2	79.2	11 900*	65.9	80.0	12 700*										24.0
26.0	60.4	78.1	11 200*	63.1	79.0	11 900*	67.4	80.0	12 700							26.0
28.0	57.4	76.9	10 500*	60.2	77.9	11 200*	64.7	79.2	11 600							28.0
30.0	54.4	75.6	9 800*	57.3	76.7	10 500*	61.9	78.1	10 800							30.0
32.0	51.3	74.1	9 200*	54.3	75.4	9 800*	59.0	77.0	10 000							32.0
34.0	48.0	72.3	8 700*	51.1	73.8	9 200*	56.0	75.7	9 200	60.6	76.9	8 400				34.0
36.0	44.5	70.4	8 100*	47.8	72.1	8 700*	53.0	74.3	8 600	57.7	75.7	7 800				36.0
38.0	40.8	68.3	7 600*	44.3	70.2	8 100*	49.8	72.7	8 000	54.7	74.4	7 200				38.0
40.0	36.8	65.8	7 200*	40.6	68.0	7 600*	46.4	70.9	7 500	51.6	72.9	6 700	56.3	74.1	6 000	40.0
42.0	32.4	62.9	6 800*	36.6	65.5	7 200*	42.8	68.9	7 000	48.3	71.2	6 300	53.2	72.7	5 600	42.0
44.0	27.4	59.4	6 300*	32.2	62.6	6 700*	39.0	66.6	6 600	44.8	69.3	5 900	50.0	71.1	5 200	44.0
46.0	21.3	55.0	6 000*	27.1	59.1	6 300*	34.8	63.9	6 200	41.2	67.2	5 500	46.6	69.3	4 800	46.0
48.0	12.7	48.4	5 300*	21.0	54.6	6 000*	30.1	60.8	5 700	37.2	64.7	5 200	43.1	67.3	4 500	48.0
50.0				12.1	47.9	5 400*	24.7	56.9	5 400	32.8	61.9	4 800	39.3	65.1	4 200	50.0
52.0							17.8	51.8	5 000	27.8	58.5	4 500	35.1	62.4	3 900	52.0
54.0										21.9	54.1	4 200	30.5	59.3	3 600	54.0
56.0										13.7	47.9	3 900	25.1	55.5	3 300	56.0
58.0													18.4	50.5	3 100	58.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 155 On
Boom No. 84
44 680 kg Crane Counterweight
19 960 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speeds
(all boom lengths)
10 m/s Maximum Wind thru 33.5m Luffing Jib
7 m/s with 36.6m thru 48.8m Luffing Jib

**555
SERIES 2**

European
Standards

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

Jib Oper. Rad. m	88 Degree Boom Angle			85 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 Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
15.2	75.9	85.7	13 700*										15.2
16.0	75.0	85.5	13 600*										16.0
18.0	72.6	84.9	13 100*										18.0
20.0	70.1	84.2	12 300*	72.5	84.7	12 800*							20.0
22.0	67.6	83.5	11 500*	70.0	84.1	12 300*							22.0
24.0	65.0	82.6	10 800*	67.5	83.3	11 500*							24.0
26.0	62.4	81.6	10 100*	64.9	82.4	10 800*							26.0
28.0	59.7	80.5	9 400*	62.3	81.4	10 100*	66.4	82.5	11 100*				28.0
30.0	56.9	79.3	8 800*	59.6	80.3	9 500*	63.8	81.6	10 400				30.0
32.0	54.1	77.9	8 200*	56.8	79.1	8 800*	61.1	80.5	9 700				32.0
34.0	51.1	76.3	7 600*	54.0	77.7	8 200*	58.4	79.4	9 000				34.0
36.0	48.0	74.7	7 100*	51.0	76.2	7 600*	55.6	78.1	8 300	59.9	79.3	7 500	36.0
38.0	44.8	72.7	6 600*	47.9	74.4	7 100*	52.7	76.6	7 700	57.2	78.1	6 900	38.0
40.0	41.4	70.6	6 200*	44.6	72.5	6 600*	49.7	75.0	7 300	54.3	76.7	6 400	40.0
42.0	37.7	68.2	5 700*	41.2	70.4	6 200*	46.6	73.2	6 800	51.4	75.2	6 000	42.0
44.0	33.6	65.4	5 300*	37.5	67.9	5 700*	43.2	71.2	6 300	48.3	73.5	5 600	44.0
46.0	29.1	62.1	5 000*	33.4	65.1	5 300*	39.7	68.9	5 900	45.1	71.6	5 300	46.0
48.0	23.8	58.1	4 600*	28.9	61.8	5 000*	35.8	66.4	5 600	41.7	69.5	4 900	48.0
50.0	17.1	52.7	4 300*	23.6	57.8	4 600*	31.6	63.4	5 200*	38.0	67.1	4 600	50.0
52.0				16.8	52.3	4 300*	26.8	59.8	4 800*	34.0	64.4	4 300	52.0
54.0							21.0	55.3	4 500	29.5	61.2	4 000	54.0
56.0							12.9	48.7	4 200	24.4	57.2	3 700	56.0
58.0										17.8	52.0	3 400	58.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 155 On
Boom No. 84
44 680 kg Crane Counterweight
19 960 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speeds
(all boom lengths)
10 m/s Maximum Wind thru 33.5m Luffing Jib
7 m/s with 36.6m thru 48.8m Luffing Jib

**555
SERIES 2**

European
Standards

39.6m (130 Ft.) Boom, 18.3m (60 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			85 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 Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
12.2	60.5	57.3	32 400*b																12.2
14.0	53.8	56.2	28 800*b	61.5	57.4	30 200b													14.0
16.0	45.6	54.5	25 700*	54.1	56.1	26 600b													16.0
18.0	35.9	52.2	23 400*	45.9	54.4	23 800	59.4	56.5	22 000b										18.0
20.0	23.2	48.6	21 200*	36.3	52.1	21 400	51.8	55.2	19 800b										20.0
22.0				23.8	48.7	19 600	43.3	53.3	17 900	57.1	55.4	16 600b							22.0
24.0							33.1	50.8	16 500	49.2	53.9	15 100							24.0
26.0										40.3	51.9	13 900	54.4	53.8	12 700b				26.0
28.0										29.3	49.0	12 800	46.2	52.2	11 700				28.0
30.0													36.7	49.9	10 700				30.0
32.0													24.4	46.5	9 800	42.6	50.0	9 000	32.0
34.0																32.2	47.4	8 200	34.0
36.0																17.2	43.0	7 600	36.0

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

Jib Oper. Rad. m	88 Degree Boom Angle			85 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 Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
12.2	65.1	60.8	31 400*b																12.2
14.0	59.6	59.8	28 600*b	65.8	60.7	29 600b													14.0
16.0	53.1	58.5	25 300*	59.8	59.7	26 100b													16.0
18.0	46.1	56.8	23 000*	53.8	58.4	23 200	64.1	60.0	21 500b										18.0
20.0	38.0	54.6	21 100*	46.3	56.7	21 000	58.0	58.9	19 400b										20.0
22.0	28.2	51.5	19 500*	38.3	54.5	19 100	51.4	57.5	17 600										22.0
24.0	12.8	46.2	15 300*	28.6	51.5	17 500	44.1	55.7	16 100	56.0	57.7	14 800							24.0
26.0							35.8	53.3	14 800	49.2	56.2	13 600							26.0
28.0							25.2	49.9	13 700	41.6	54.2	12 500	53.6	56.2	11 400				28.0
30.0										32.8	51.6	11 500	46.6	54.5	10 600				30.0
32.0										20.8	47.6	10 600	38.7	52.3	9 700	50.8	54.2	8 800	32.0
34.0													29.0	49.3	8 900	43.5	52.3	8 100	34.0
36.0													14.5	44.3	8 200	35.0	49.9	7 500	36.0
38.0																24.1	46.4	6 900	38.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 155 On
Boom No. 84
44 680 kg Crane Counterweight
19 960 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speeds
(all boom lengths)
10 m/s Maximum Wind thru 33.5m Luffing Jib
7 m/s with 36.6m thru 48.8m Luffing Jib

European
Standards

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

Jib Oper. Rad. m	88 Degree Boom Angle			85 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 Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
12.2	68.3	64.1	30 200*b																12.2
14.0	63.7	63.3	27 700*b	69.0	64.1	28 900b													14.0
16.0	58.3	62.2	25 100*	63.9	63.2	25 400b													16.0
18.0	52.6	60.8	22 700*	58.5	62.1	22 700													18.0
20.0	46.4	59.1	20 600*	52.8	60.7	20 400	62.4	62.4	18 900										20.0
22.0	39.5	57.0	19 100*	46.7	59.0	18 600	56.9	61.2	17 100										22.0
24.0	31.4	54.2	17 800*	39.8	56.9	17 100	51.1	59.8	15 600										24.0
26.0	20.7	50.1	16 200*	31.7	54.1	15 700	44.8	58.0	14 400	55.1	60.0	13 100							26.0
28.0				21.2	50.1	14 500	37.6	55.7	13 300	49.2	58.5	12 100							28.0
30.0							29.1	52.7	12 300	42.6	56.5	11 200	53.1	58.5	10 200				30.0
32.0							17.0	48.0	11 300	35.1	54.1	10 400	46.9	56.8	9 400				32.0
34.0										25.9	50.7	9 600	40.1	54.7	8 700	50.6	56.5	7 900	34.0
36.0													32.1	51.9	8 000	44.2	54.6	7 200	36.0
38.0													21.7	48.0	7 400	37.0	52.3	6 700	38.0
40.0																28.3	49.2	6 200	40.0
42.0																15.7	44.2	5 700	42.0

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

Jib Oper. Rad. m	88 Degree Boom Angle			85 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 Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
12.2	70.9	67.3	28 200*b																12.2
14.0	66.8	66.6	26 400*	71.4	67.3	27 700b													14.0
16.0	62.2	65.7	24 200*	67.0	66.5	25 000b													16.0
18.0	57.3	64.5	22 300*	62.3	65.6	22 200													18.0
20.0	52.2	63.1	20 600*	57.5	64.4	20 000	65.6	65.8	18 500										20.0
22.0	46.7	61.4	18 900*	52.4	63.0	18 200	61.0	64.8	16 700										22.0
24.0	40.7	59.3	17 500	46.9	61.3	16 700	56.1	63.6	15 300										24.0
26.0	33.8	56.7	16 200	40.9	59.2	15 400	50.9	62.1	14 000	59.5	63.7	12 800							26.0
28.0	25.3	53.1	14 900	34.0	56.6	14 200	45.3	60.3	13 000	54.5	62.4	11 800							28.0
30.0	12.3	47.3	11 400*	25.6	53.2	13 200	39.0	58.1	12 000	49.1	60.8	10 900							30.0
32.0				12.9	47.4	12 200	31.8	55.3	11 200	43.4	58.9	10 200	52.6	60.8	9 200				32.0
34.0							22.7	51.4	10 300	36.9	56.5	9 400	47.2	59.1	8 500				34.0
36.0										29.2	53.4	8 700	41.2	57.0	7 900	50.4	58.8	7 100	36.0
38.0										19.0	49.0	8 100	34.3	54.5	7 300	44.8	57.0	6 600	38.0
40.0													26.0	51.0	6 700	38.5	54.7	6 000	40.0
42.0													13.7	45.5	6 200	31.2	51.8	5 600	42.0
44.0																21.8	47.8	5 200	44.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 155 On
Boom No. 84
44 680 kg Crane Counterweight
19 960 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speeds
(all boom lengths)
10 m/s Maximum Wind thru 33.5m Luffing Jib
7 m/s with 36.6m thru 48.8m Luffing Jib

**555
SERIES 2**

European
Standards

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

Jib Oper. Rad. m	88 Degree Boom Angle			85 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 Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
12.2	72.8	70.6	26 400*b																12.2
14.0	69.2	69.9	25 400*																14.0
16.0	65.2	69.1	23 400*	69.4	69.8	24 200													16.0
18.0	60.9	68.1	21 600*	65.3	69.0	21 700													18.0
20.0	56.5	66.9	19 900*	61.1	68.0	19 600													20.0
22.0	51.9	65.4	18 500*	56.7	66.8	17 800	64.1	68.2	16 300										22.0
24.0	47.0	63.7	17 100	52.1	65.3	16 300	59.8	67.2	14 900										24.0
26.0	41.6	61.7	15 800	47.1	63.6	15 000	55.4	65.9	13 600	62.8	67.1	12 400							26.0
28.0	35.5	59.1	14 600	41.8	61.6	13 800	50.7	64.4	12 600	58.5	66.0	11 400							28.0
30.0	28.4	55.9	13 500	35.8	59.1	12 800	45.6	62.6	11 700	53.9	64.7	10 600							30.0
32.0	19.1	51.4	11 900	28.7	55.9	12 000	40.1	60.5	10 800	49.1	63.1	9 800	56.9	64.5	8 800				32.0
34.0				19.5	51.5	11 100	33.9	57.8	10 100	44.0	61.2	9 100	52.3	63.1	8 200				34.0
36.0							26.4	54.3	9 400	38.2	58.9	8 500	47.3	61.4	7 600				36.0
38.0							15.9	49.2	8 700	31.7	56.0	7 900	42.0	59.4	7 100				38.0
40.0										23.5	52.2	7 300	36.0	56.9	6 600	45.2	59.3	5 800	40.0
42.0													29.0	53.8	6 000	39.6	57.1	5 400	42.0
44.0													19.9	49.4	5 600	33.3	54.4	5 000	44.0
46.0																25.7	50.8	4 600	46.0
48.0																14.8	45.4	4 300	48.0

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

Jib Oper. Rad. m	88 Degree Boom Angle			85 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 Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
12.2	74.4	73.7	24 600*b																12.2
14.0	71.2	73.2	24 200*																14.0
16.0	67.5	72.4	22 600*	71.3	73.1	23 500*													16.0
18.0	63.8	71.5	20 900*	67.7	72.3	21 400													18.0
20.0	59.9	70.4	19 400*	63.9	71.4	19 300													20.0
22.0	55.9	69.2	18 100*	60.1	70.3	17 500	66.6	71.6	16 100										22.0
24.0	51.6	67.7	16 800	56.0	69.1	16 000	62.8	70.6	14 700										24.0
26.0	47.1	66.0	15 500	51.8	67.6	14 700	58.9	69.5	13 500										26.0
28.0	42.3	64.0	14 400	47.3	65.9	13 600	54.8	68.2	12 400	61.6	69.5	11 300							28.0
30.0	36.9	61.6	13 300	42.5	63.9	12 600	50.5	66.7	11 500	57.6	68.4	10 400							30.0
32.0	30.8	58.6	12 500	37.1	61.5	11 700	45.9	64.9	10 700	53.5	67.0	9 700							32.0
34.0	23.2	54.7	11 500	31.0	58.6	11 000	41.0	62.8	10 000	49.1	65.4	9 000	56.2	66.8	8 100				34.0
36.0	11.9	48.3	8 700*	23.5	54.7	10 200	35.5	60.3	9 300	44.4	63.5	8 400	52.0	65.4	7 500				36.0
38.0				12.5	48.5	9 300	29.0	57.1	8 700	39.3	61.3	7 800	47.5	63.7	7 000				38.0
40.0							20.9	52.8	8 000	33.5	58.6	7 300	42.7	61.7	6 500	50.2	63.4	5 800	40.0
42.0										26.7	55.1	6 800	37.3	59.3	6 100	45.6	61.6	5 400	42.0
44.0										17.7	50.2	6 300	31.3	56.4	5 600	40.6	59.4	4 900	44.0
46.0													23.9	52.6	5 200	35.0	56.8	4 600	46.0
48.0													13.1	46.6	4 800	28.5	53.6	4 200	48.0
50.0																20.2	49.2	3 900	50.0



Liftcrane Luffing Jib Capacities

**Luffing Jib No. 155 On
Boom No. 84
44 680 kg Crane Counterweight
19 960 kg Carbody Counterweight
360 Degree Rating**

**Maximum Operating Wind Speeds
(all boom lengths)
10 m/s Maximum Wind thru 33.5m Luffing Jib
7 m/s with 36.6m thru 48.8m Luffing Jib**

**555
SERIES 2**

**European
Standards**

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

Jib Oper. Rad. m	88 Degree Boom Angle			85 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 Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
12.2	75.8	76.9	22 900*b																12.2
14.0	72.8	76.4	22 300*																14.0
16.0	69.5	75.7	21 200*																16.0
18.0	66.1	74.9	20 100*	69.6	75.6	20 800													18.0
20.0	62.6	73.9	18 800*	66.2	74.8	18 900													20.0
22.0	59.1	72.8	17 500*	62.8	73.8	17 100													22.0
24.0	55.3	71.5	16 400*	59.2	72.7	15 600	65.3	74.0	14 300										24.0
26.0	51.4	70.0	15 200	55.5	71.4	14 400	61.7	73.0	13 100										26.0
28.0	47.3	68.3	14 000	51.6	69.9	13 300	58.1	71.9	12 100										28.0
30.0	42.9	66.3	13 000	47.4	68.2	12 300	54.4	70.5	11 200	60.6	71.9	10 100							30.0
32.0	38.0	64.0	12 100	43.0	66.2	11 400	50.4	69.0	10 400	57.0	70.7	9 300							32.0
34.0	32.6	61.2	11 300	38.2	63.9	10 700	46.2	67.2	9 600	53.1	69.3	8 600							34.0
36.0	26.2	57.6	10 600	32.8	61.1	10 000	41.7	65.1	9 000	49.1	67.7	8 100	55.6	69.2	7 200				36.0
38.0	17.9	52.7	9 100	26.5	57.6	9 400	36.7	62.7	8 400	44.8	65.8	7 600	51.7	67.7	6 700				38.0
40.0				18.2	52.7	8 600	31.1	59.7	7 900	40.2	63.6	7 000	47.6	66.0	6 200				40.0
42.0							24.4	55.9	7 300	35.0	61.0	6 600	43.2	64.0	5 800	50.1	65.7	5 100	42.0
44.0							15.1	50.3	6 800	29.2	57.9	6 100	38.4	61.7	5 400	45.9	63.9	4 700	44.0
46.0										21.9	53.7	5 700	33.1	58.9	5 000	41.3	61.8	4 400	46.0
48.0													26.8	55.5	4 700	36.3	59.3	4 100	48.0
50.0													18.7	50.7	4 300	30.6	56.3	3 800	50.0
52.0																23.8	52.4	3 500	52.0
54.0																14.1	46.6	3 200	54.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 155 On

Boom No. 84

44 680 kg Crane Counterweight

19 960 kg Carbody Counterweight

360 Degree Rating

Maximum Operating Wind Speeds
(all boom lengths)

10 m/s Maximum Wind thru 33.5m Luffing Jib

7 m/s with 36.6m thru 48.8m Luffing Jib

**555
SERIES 2**

European
Standards

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

Jib Oper. Rad. m	88 Degree Boom Angle			85 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 Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
13.7	74.6	79.6	20 200*													13.7
14.0	74.2	79.6	20 200*													14.0
16.0	71.1	78.9	19 600*													16.0
18.0	68.1	78.2	18 600*													18.0
20.0	64.9	77.3	17 600*	68.2	78.1	18 500										20.0
22.0	61.7	76.3	16 700*	65.0	77.2	16 700										22.0
24.0	58.3	75.2	15 800*	61.8	76.2	15 300										24.0
26.0	54.9	73.8	14 900	58.4	75.1	14 000	64.1	76.5	12 800							26.0
28.0	51.2	72.3	13 700	55.0	73.7	12 900	60.8	75.4	11 700							28.0
30.0	47.4	70.6	12 700	51.4	72.2	12 000	57.5	74.2	10 900							30.0
32.0	43.4	68.6	11 800	47.6	70.5	11 200	54.0	72.8	10 100	59.8	74.3	9 100				32.0
34.0	39.0	66.3	11 000	43.5	68.6	10 400	50.3	71.3	9 400	56.4	73.0	8 400				34.0
36.0	34.1	63.7	10 300	39.1	66.3	9 700	46.4	69.5	8 700	52.8	71.6	7 800				36.0
38.0	28.5	60.4	9 700	34.3	63.6	9 100	42.3	67.5	8 200	49.1	70.0	7 300	55.1	71.5	6 400	38.0
40.0	21.7	56.1	8 900	28.8	60.3	8 600	37.8	65.1	7 700	45.2	68.1	6 800	51.5	70.0	6 000	40.0
42.0	11.7	49.4	6 600*	22.0	56.1	8 000	32.8	62.3	7 200	40.9	66.0	6 300	47.7	68.3	5 600	42.0
44.0				12.2	49.6	7 100	27.0	58.8	6 700	36.3	63.5	6 000	43.7	66.3	5 200	44.0
46.0							19.7	54.2	6 200	31.1	60.5	5 600	39.3	64.1	4 800	46.0
48.0										24.9	56.7	5 200	34.5	61.4	4 500	48.0
50.0										16.7	51.5	4 800	29.0	58.2	4 200	50.0
52.0													22.3	54.0	3 900	52.0
54.0													12.7	47.7	3 600	54.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 155 On
Boom No. 84
44 680 kg Crane Counterweight
19 960 kg Carbody Counterweight
360 Degree Rating

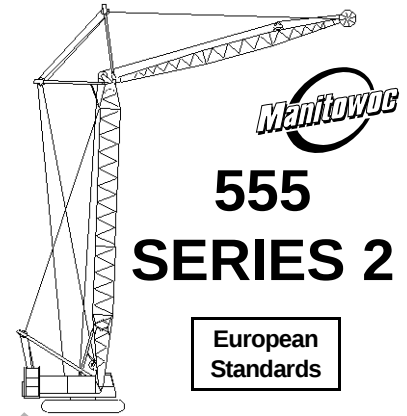
Maximum Operating Wind Speeds
(all boom lengths)
10 m/s Maximum Wind thru 33.5m Luffing Jib
7 m/s with 36.6m thru 48.8m Luffing Jib

**555
SERIES 2**

European
Standards

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

Jib Oper. Rad. m	88 Degree Boom Angle			85 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 Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
13.7	75.7	82.8	17 800*													13.7
14.0	75.3	82.7	17 700*													14.0
16.0	72.5	82.1	17 400*													16.0
18.0	69.7	81.4	17 000*													18.0
20.0	66.8	80.7	16 200*	69.8	81.3	16 600*										20.0
22.0	63.9	79.7	15 300*	66.9	80.5	16 200										22.0
24.0	60.8	78.7	14 400*	64.0	79.6	15 000										24.0
26.0	57.7	77.5	13 600*	60.9	78.6	13 700	66.1	79.8	12 400							26.0
28.0	54.5	76.2	12 800*	57.8	77.4	12 600	63.1	78.9	11 400							28.0
30.0	51.1	74.6	12 100*	54.6	76.1	11 700	60.0	77.8	10 500							30.0
32.0	47.5	72.9	11 400*	51.2	74.6	10 800	56.9	76.6	9 700	62.1	77.8	8 700				32.0
34.0	43.8	71.0	10 700	47.7	72.8	10 100	53.6	75.2	9 000	59.1	76.6	8 100				34.0
36.0	39.8	68.7	10 000	43.9	70.9	9 400	50.2	73.6	8 400	55.9	75.4	7 500				36.0
38.0	35.3	66.1	9 400	39.9	68.7	8 800	46.6	71.8	7 900	52.6	73.9	7 000				38.0
40.0	30.4	63.0	8 800	35.5	66.1	8 300	42.8	69.8	7 300	49.1	72.3	6 500	54.7	73.8	5 700	40.0
42.0	24.6	59.2	8 300	30.6	63.0	7 800	38.7	67.5	6 900	45.4	70.4	6 100	51.3	72.3	5 300	42.0
44.0	17.0	53.9	6 900*	24.8	59.2	7 300	34.2	64.8	6 500	41.5	68.3	5 700	47.8	70.6	4 900	44.0
46.0				17.3	54.0	6 700	29.0	61.5	6 100	37.3	65.9	5 300	44.1	68.7	4 600	46.0
48.0							22.9	57.4	5 700	32.6	63.0	5 000	40.1	66.4	4 300	48.0
50.0							14.5	51.5	5 300	27.2	59.6	4 600	35.7	63.9	4 000	50.0
52.0										20.6	55.1	4 300	30.8	60.8	3 700	52.0
54.0													25.1	57.0	3 400	54.0
56.0													17.7	52.0	3 200	56.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 155 On
Boom No. 84
44 680 kg Crane Counterweight
19 960 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speeds
(all boom lengths)
10 m/s Maximum Wind thru 33.5m Luffing Jib
7 m/s with 36.6m thru 48.8m Luffing Jib

555
SERIES 2

European
Standards

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

Jib Oper. Rad. m	88 Degree Boom Angle			85 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 Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
15.2	75.1	85.6	14 900*										15.2
16.0	74.1	85.4	14 800*										16.0
18.0	71.5	84.8	14 300*										18.0
20.0	68.8	84.1	13 400*	71.6	84.7	14 200*							20.0
22.0	66.1	83.2	12 600*	68.9	83.9	13 500*							22.0
24.0	63.4	82.3	11 900*	66.2	83.1	12 700*							24.0
26.0	60.5	81.2	11 200*	63.5	82.2	11 900*							26.0
28.0	57.6	80.0	10 500*	60.6	81.1	11 200*	65.4	82.4	11 300				28.0
30.0	54.6	78.7	9 800*	57.7	79.9	10 500*	62.6	81.4	10 400				30.0
32.0	51.4	77.2	9 200*	54.7	78.6	9 900*	59.8	80.3	9 600				32.0
34.0	48.2	75.5	8 700*	51.5	77.1	9 300*	56.8	79.1	8 900	61.8	80.3	8 000	34.0
36.0	44.7	73.6	8 100*	48.3	75.4	8 700*	53.8	77.7	8 300	58.9	79.2	7 400	36.0
38.0	41.0	71.4	7 600*	44.8	73.5	8 200*	50.6	76.2	7 700	55.9	77.9	6 900	38.0
40.0	37.0	69.0	7 200*	41.1	71.4	7 700*	47.3	74.4	7 300	52.8	76.5	6 400	40.0
42.0	32.6	66.1	6 800*	37.2	68.9	7 200*	43.8	72.4	6 800	49.6	74.8	6 000	42.0
44.0	27.6	62.7	6 400*	32.8	66.1	6 800*	40.0	70.2	6 400	46.2	73.1	5 600	44.0
46.0	21.6	58.3	6 000*	27.8	62.6	6 400*	36.0	67.7	6 000	42.6	71.0	5 200	46.0
48.0	13.3	51.9	5 400*	21.9	58.3	6 100*	31.4	64.7	5 600	38.8	68.7	4 900	48.0
50.0				13.6	52.1	5 700*	26.2	61.0	5 300	34.6	66.0	4 600	50.0
52.0							19.8	56.3	4 900	29.9	62.8	4 300	52.0
54.0										24.4	58.9	4 000	54.0
56.0										17.4	53.7	3 700	56.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 155 On
Boom No. 84
44 680 kg Crane Counterweight
19 960 kg Carbody Counterweight
360 Degree Rating

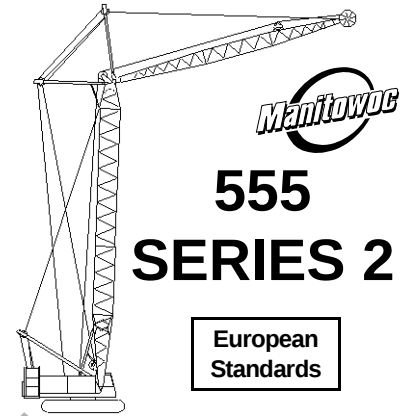
Maximum Operating Wind Speeds
(all boom lengths)
10 m/s Maximum Wind thru 33.5m Luffing Jib
7 m/s with 36.6m thru 48.8m Luffing Jib

**555
SERIES 2**

European
Standards

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

Jib Oper. Rad. m	88 Degree Boom Angle			85 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 Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
16.8	74.2	88.4	13 100*										16.8
18.0	72.7	88.0	12 800*										18.0
20.0	70.2	87.3	12 300*	72.8	87.9	12 400*							20.0
22.0	67.7	86.6	11 500*	70.3	87.2	12 200*							22.0
24.0	65.1	85.7	10 800*	67.8	86.4	11 600*							24.0
26.0	62.5	84.7	10 100*	65.2	85.6	10 800*							26.0
28.0	59.8	83.6	9 400*	62.6	84.6	10 100*	67.1	85.7	10 900				28.0
30.0	57.1	82.4	8 800*	59.9	83.5	9 500*	64.5	84.8	10 100				30.0
32.0	54.2	81.0	8 200*	57.2	82.3	8 800*	61.9	83.8	9 300				32.0
34.0	51.3	79.5	7 700*	54.3	80.9	8 300*	59.2	82.7	8 600				34.0
36.0	48.2	77.8	7 100*	51.4	79.4	7 700*	56.4	81.4	8 000	61.0	82.7	7 100	36.0
38.0	45.0	75.9	6 600*	48.3	77.7	7 200*	53.5	80.0	7 500	58.3	81.5	6 600	38.0
40.0	41.5	73.8	6 200*	45.1	75.8	6 700*	50.5	78.5	7 000	55.5	80.2	6 100	40.0
42.0	37.9	71.4	5 800*	41.7	73.7	6 200*	47.4	76.7	6 500	52.6	78.8	5 700	42.0
44.0	33.9	68.6	5 300*	38.0	71.3	5 800*	44.1	74.8	6 100	49.6	77.2	5 300	44.0
46.0	29.4	65.3	5 000*	34.0	68.6	5 400*	40.6	72.6	5 700	46.4	75.3	4 900	46.0
48.0	24.1	61.4	4 600*	29.5	65.3	5 000*	36.9	70.1	5 300	43.1	73.3	4 600	48.0
50.0	17.5	56.1	4 400*	24.3	61.4	4 700*	32.8	67.2	5 000	39.5	71.1	4 300	50.0
52.0				17.8	56.2	4 400*	28.1	63.8	4 700	35.6	68.4	4 000	52.0
54.0							22.7	59.6	4 400	31.4	65.4	3 800	54.0
56.0							15.4	53.8	4 100	26.5	61.8	3 500	56.0
58.0										20.6	57.2	3 300	58.0
60.0										12.4	50.5	3 000	60.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 155 On
Boom No. 84

44 680 kg Crane Counterweight
19 960 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speeds
(all boom lengths)

10 m/s Maximum Wind thru 33.5m Luffing Jib
7 m/s with 36.6m thru 48.8m Luffing Jib

**555
SERIES 2**

European
Standards

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

Jib Oper. Rad. m	88 Degree Boom Angle			85 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 Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
12.2	60.9	60.5	31 200*b																12.2
14.0	54.2	59.3	28 000*b	62.4	60.5	29 500b													14.0
16.0	46.0	57.6	25 100*	55.1	59.3	25 900b													16.0
18.0	36.5	55.4	22 800*	47.0	57.7	23 200													18.0
20.0	24.1	51.9	20 800*	37.7	55.5	20 900	53.9	58.6	19 100b										20.0
22.0				25.8	52.3	19 100	45.7	56.9	17 400	60.0	58.8	15 900b							22.0
24.0							36.1	54.6	15 900	52.4	57.5	14 500							24.0
26.0							23.4	51.1	14 700	44.0	55.7	13 300							26.0
28.0										34.0	53.2	12 300	50.6	56.0	11 100b				28.0
30.0										20.3	49.3	11 400	41.9	54.1	10 300				30.0
32.0													31.4	51.4	9 500	48.2	54.0	8 500	32.0
34.0																39.2	51.9	7 800	34.0
36.0																27.8	48.9	7 200	36.0
38.0																6.2	42.4	6 600	38.0

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

Jib Oper. Rad. m	88 Degree Boom Angle			85 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 Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
12.2	65.4	63.9	30 200*b																12.2
14.0	59.9	62.9	27 600*b	66.6	63.9	28 800b													14.0
16.0	53.5	61.6	24 600*	60.6	62.9	25 400b													16.0
18.0	46.5	59.9	22 300*	54.2	61.6	22 700													18.0
20.0	38.5	57.8	20 500*	47.3	60.0	20 500	59.6	62.2	18 700b										20.0
22.0	28.8	54.7	19 100*	39.5	57.9	18 700	53.2	60.9	17 000										22.0
24.0	14.0	49.7	15 600*	30.0	55.0	17 100	46.1	59.2	15 600	58.5	61.2	14 200							24.0
26.0							38.1	57.0	14 300	51.9	59.8	13 000							26.0
28.0							28.3	53.9	13 300	44.7	58.0	12 000							28.0
30.0							13.1	48.6	12 300	36.5	55.7	11 100	50.4	58.3	10 000				30.0
32.0										26.1	52.4	10 300	43.0	56.4	9 300				32.0
34.0													34.4	53.9	8 600	48.3	56.3	7 700	34.0
36.0													23.2	50.2	7 900	40.7	54.3	7 100	36.0
38.0																31.6	51.6	6 600	38.0
40.0																18.9	47.3	6 000	40.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 155 On
Boom No. 84
44 680 kg Crane Counterweight
19 960 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speeds
(all boom lengths)
10 m/s Maximum Wind thru 33.5m Luffing Jib
7 m/s with 36.6m thru 48.8m Luffing Jib

European
Standards

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

Jib Oper. Rad. m	88 Degree Boom Angle			85 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 Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
12.2	68.6	67.2	28 500*b																12.2
14.0	64.0	66.4	26 200*b	69.7	67.2	27 600b													14.0
16.0	58.6	65.3	23 900*	64.6	66.3	24 900b													16.0
18.0	52.9	63.9	22 000*	59.2	65.3	22 100													18.0
20.0	46.8	62.2	20 200*	53.6	64.0	20 000	63.8	65.7	18 200b										20.0
22.0	39.9	60.1	18 700*	47.5	62.3	18 200	58.4	64.6	16 600										22.0
24.0	31.9	57.4	17 300*	40.8	60.2	16 600	52.7	63.2	15 100										24.0
26.0	21.4	53.4	16 100*	32.9	57.6	15 400	46.5	61.5	13 900	57.4	63.5	12 600							26.0
28.0				22.8	53.8	14 300	39.6	59.4	12 900	51.6	62.1	11 600							28.0
30.0							31.5	56.6	12 000	45.3	60.3	10 700							30.0
32.0							20.9	52.5	11 200	38.2	58.1	10 000	50.2	60.6	8 900				32.0
34.0										29.8	55.1	9 300	43.8	58.7	8 300				34.0
36.0										18.3	50.6	8 600	36.5	56.3	7 700	48.4	58.6	6 800	36.0
38.0													27.6	53.1	7 100	41.8	56.6	6 300	38.0
40.0																34.1	54.1	5 800	40.0
42.0																24.5	50.5	5 400	42.0
44.0																7.4	43.5	4 900	44.0

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

Jib Oper. Rad. m	88 Degree Boom Angle			85 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 Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
12.2	71.1	70.4	27 300*b																12.2
14.0	67.0	69.7	25 300*b	72.0	70.4	26 600*b													14.0
16.0	62.4	68.8	23 200*	67.6	69.7	24 200b													16.0
18.0	57.6	67.6	21 400*	63.0	68.8	21 700													18.0
20.0	52.5	66.2	19 800*	58.2	67.6	19 600	66.9	69.0	17 900										20.0
22.0	47.0	64.6	18 300*	53.1	66.3	17 800	62.2	68.1	16 200										22.0
24.0	41.0	62.5	17 000*	47.7	64.6	16 300	57.4	66.9	14 800										24.0
26.0	34.2	59.9	15 900	41.7	62.6	15 000	52.3	65.5	13 600	61.3	67.1	12 300							26.0
28.0	25.8	56.4	14 800	35.0	60.1	13 900	46.8	63.8	12 600	56.5	65.8	11 300							28.0
30.0	13.3	50.8	11 900	26.9	56.7	12 900	40.7	61.7	11 600	51.3	64.4	10 500							30.0
32.0				15.2	51.5	12 100	33.8	59.1	10 800	45.7	62.6	9 700	55.3	64.4	8 700				32.0
34.0							25.4	55.6	10 100	39.5	60.5	9 000	50.1	62.9	8 000				34.0
36.0							12.5	49.7	9 400	32.4	57.7	8 400	44.4	61.0	7 500				36.0
38.0										23.5	53.9	7 800	38.0	58.7	7 000	48.5	60.9	6 100	38.0
40.0													30.6	55.8	6 500	42.6	59.0	5 700	40.0
42.0													21.0	51.7	6 000	36.0	56.5	5 300	42.0
44.0																28.2	53.3	4 900	44.0
46.0																17.4	48.6	4 500	46.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 155 On
Boom No. 84
44 680 kg Crane Counterweight
19 960 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speeds
(all boom lengths)
10 m/s Maximum Wind thru 33.5m Luffing Jib
7 m/s with 36.6m thru 48.8m Luffing Jib

555
SERIES 2

European
Standards

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

Jib Oper. Rad. m	88 Degree Boom Angle			85 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 Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
12.2	73.0	73.6	25 500*b																12.2
14.0	69.4	73.0	24 300*																14.0
16.0	65.4	72.2	22 400*	69.9	72.9	23 400b													16.0
18.0	61.2	71.2	20 700*	65.8	72.1	21 200													18.0
20.0	56.8	70.0	19 200*	61.7	71.2	19 100													20.0
22.0	52.2	68.6	17 800*	57.3	70.0	17 400	65.2	71.5	15 800										22.0
24.0	47.2	66.8	16 600*	52.7	68.6	15 900	61.0	70.5	14 400										24.0
26.0	41.9	64.8	15 500	47.8	66.9	14 600	56.6	69.3	13 200										26.0
28.0	35.9	62.3	14 300	42.5	64.9	13 500	52.0	67.8	12 200	60.2	69.4	10 900							28.0
30.0	28.8	59.2	13 300	36.6	62.5	12 500	47.0	66.1	11 300	55.8	68.2	10 100							30.0
32.0	19.7	54.7	12 200	29.7	59.4	11 700	41.6	64.1	10 500	51.4	66.7	9 300							32.0
34.0				20.9	55.2	10 900	35.6	61.6	9 800	46.0	64.9	8 700	54.7	66.7	7 700				34.0
36.0							28.5	58.4	9 100	40.6	62.8	8 100	50.0	65.2	7 100				36.0
38.0							19.2	53.8	8 600	34.4	60.2	7 600	44.8	63.3	6 600				38.0
40.0										27.0	56.8	7 100	39.2	61.1	6 200	48.5	63.2	5 400	40.0
42.0										17.0	51.9	6 600	32.8	58.4	5 800	43.3	61.3	5 000	42.0
44.0													25.1	54.7	5 400	37.5	59.0	4 700	44.0
46.0																30.8	56.0	4 300	46.0
48.0																22.4	52.0	4 000	48.0
50.0																8.0	44.7	3 600	50.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 155 On
Boom No. 84
44 680 kg Crane Counterweight
19 960 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speeds
(all boom lengths)
10 m/s Maximum Wind thru 33.5m Luffing Jib
7 m/s with 36.6m thru 48.8m Luffing Jib

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

Jib Oper. Rad. m	88 Degree Boom Angle			85 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 Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
12.2	74.6	76.8	23 900*																12.2
14.0	71.4	76.2	23 400*																14.0
16.0	67.7	75.5	21 600*																16.0
18.0	64.0	74.6	20 100*	68.2	75.4	20 800													18.0
20.0	60.1	73.6	18 600*	64.4	74.6	18 800													20.0
22.0	56.1	72.3	17 400*	60.6	73.5	17 100													22.0
24.0	51.9	70.8	16 200*	56.6	72.3	15 600	63.8	73.9	14 200										24.0
26.0	47.4	69.2	15 100	52.4	70.9	14 400	60.0	72.8	13 000										26.0
28.0	42.5	67.2	14 100	47.9	69.2	13 300	55.9	71.6	12 000										28.0
30.0	37.2	64.8	13 100	43.1	67.2	12 300	51.7	70.1	11 100	59.2	71.8	9 900							30.0
32.0	31.1	61.8	12 200	37.9	64.9	11 500	47.2	68.4	10 300	55.2	70.5	9 200							32.0
34.0	23.7	58.0	11 300*	31.9	62.0	10 800	42.3	66.4	9 600	50.9	69.0	8 600							34.0
36.0	12.8	51.9	9 100*	24.7	58.3	10 100	37.0	64.0	9 000	46.3	67.2	8 000	54.2	69.0	7 000				36.0
38.0				14.4	52.7	9 400	30.9	61.0	8 400	41.4	65.2	7 500	49.9	67.5	6 600				38.0
40.0							23.3	57.1	7 900	35.9	62.7	7 000	45.2	65.7	6 100				40.0
42.0							12.1	50.8	7 300	29.6	59.5	6 600	40.2	63.5	5 700	48.6	65.5	4 900	42.0
44.0										21.7	55.4	6 100	34.6	60.9	5 300	43.8	63.6	4 600	44.0
46.0													28.0	57.6	5 000	38.7	61.3	4 300	46.0
48.0													19.5	53.0	4 600	32.8	58.6	3 900	48.0
50.0																25.8	55.0	3 700	50.0
52.0																16.3	49.8	3 400	52.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 155 On

Boom No. 84

44 680 kg Crane Counterweight

19 960 kg Carbody Counterweight

360 Degree Rating

Maximum Operating Wind Speeds
(all boom lengths)

10 m/s Maximum Wind thru 33.5m Luffing Jib

7 m/s with 36.6m thru 48.8m Luffing Jib



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SERIES 2

European
Standards

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

Jib Oper. Rad. m	88 Degree Boom Angle			85 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 Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
12.2	75.9	79.9	21 900*													12.2
14.0	73.0	79.4	21 500*													14.0
16.0	69.7	78.8	20 800*													16.0
18.0	66.3	78.0	19 300*	70.1	78.7	20 100*										18.0
20.0	62.8	77.0	18 000*	66.7	77.9	18 400										20.0
22.0	59.3	75.9	16 800*	63.2	77.0	16 700										22.0
24.0	55.5	74.6	15 700*	59.7	75.9	15 300										24.0
26.0	51.6	73.2	14 700*	56.0	74.6	14 000	62.7	76.3	12 600							26.0
28.0	47.5	71.4	13 800	52.1	73.2	13 000	59.1	75.2	11 700							28.0
30.0	43.1	69.5	12 800	48.0	71.5	12 000	55.4	73.9	10 800							30.0
32.0	38.3	67.2	11 900	43.6	69.6	11 200	51.5	72.4	10 000	58.4	74.1	8 900				32.0
34.0	32.9	64.4	11 100*	38.9	67.3	10 400	47.3	70.7	9 300	54.7	72.8	8 200				34.0
36.0	26.6	60.9	10 300*	33.6	64.6	9 800	42.9	68.7	8 700	50.7	71.3	7 700				36.0
38.0	18.4	56.0	9 300*	27.4	61.2	9 200	38.1	66.4	8 100	46.5	69.5	7 200	53.8	71.3	6 200	38.0
40.0				19.5	56.6	8 600	32.7	63.6	7 600	42.1	67.5	6 700	49.8	69.8	5 800	40.0
42.0							26.3	60.0	7 200	37.1	65.1	6 300	45.6	67.9	5 400	42.0
44.0							18.0	55.1	6 700	31.6	62.2	5 900	41.0	65.8	5 100	44.0
46.0										25.0	58.4	5 500	35.9	63.3	4 700	46.0
48.0										16.0	53.1	5 100	30.2	60.2	4 400	48.0
50.0													23.2	56.3	4 100	50.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 155 On
Boom No. 84
44 680 kg Crane Counterweight
19 960 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speeds
(all boom lengths)
10 m/s Maximum Wind thru 33.5m Luffing Jib
7 m/s with 36.6m thru 48.8m Luffing Jib

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

Jib Oper. Rad. m	88 Degree Boom Angle			85 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 Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
13.7	74.8	82.7	19 100*													13.7
14.0	74.3	82.6	19 100*													14.0
16.0	71.3	82.0	18 700*													16.0
18.0	68.2	81.3	18 200*													18.0
20.0	65.1	80.4	17 300*	68.6	81.2	18 000										20.0
22.0	61.8	79.4	16 300*	65.4	80.4	16 400										22.0
24.0	58.5	78.3	15 300*	62.2	79.4	14 900										24.0
26.0	55.0	76.9	14 300*	58.9	78.2	13 700	64.9	79.7	12 300							26.0
28.0	51.4	75.5	13 400	55.5	77.0	12 700	61.7	78.7	11 300							28.0
30.0	47.6	73.7	12 500	51.9	75.5	11 700	58.4	77.6	10 500							30.0
32.0	43.6	71.8	11 600	48.1	73.8	10 900	54.9	76.2	9 700	61.1	77.7	8 600				32.0
34.0	39.2	69.5	10 800*	44.1	71.9	10 200	51.3	74.7	9 000	57.7	76.5	8 000				34.0
36.0	34.4	66.9	10 100*	39.7	69.7	9 500	47.5	73.0	8 400	54.2	75.1	7 400				36.0
38.0	28.9	63.6	9 400*	35.0	67.0	8 900	43.4	71.1	7 900	50.6	73.6	6 900				38.0
40.0	22.2	59.4	8 700*	29.5	63.9	8 400	39.0	68.8	7 400	46.7	71.8	6 400	53.4	73.7	5 500	40.0
42.0	12.4	53.0	6 900*	23.0	59.8	7 900	34.2	66.1	6 900	42.6	69.8	6 000	49.7	72.1	5 200	42.0
44.0				13.9	53.8	7 400	28.6	62.8	6 500	38.2	67.5	5 700	45.8	70.3	4 800	44.0
46.0							21.8	58.5	6 100	33.2	64.7	5 300	41.6	68.2	4 500	46.0
48.0							11.8	51.9	5 700	27.5	61.3	5 000	37.1	65.7	4 200	48.0
50.0										20.3	56.8	4 600	32.0	62.8	3 900	50.0
52.0													26.0	59.2	3 600	52.0
54.0													18.3	54.3	3 400	54.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 155 On

Boom No. 84

44 680 kg Crane Counterweight

19 960 kg Carbody Counterweight

360 Degree Rating

Maximum Operating Wind Speeds
(all boom lengths)

10 m/s Maximum Wind thru 33.5m Luffing Jib

7 m/s with 36.6m thru 48.8m Luffing Jib



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SERIES 2

European
Standards

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

Jib Oper. Rad. m	88 Degree Boom Angle			85 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 Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
13.7	75.9	85.9	17 000*										13.7
14.0	75.5	85.8	16 900*										14.0
16.0	72.7	85.2	16 600*										16.0
18.0	69.8	84.5	16 300*										18.0
20.0	67.0	83.7	16 000*	70.2	84.5	15 900*							20.0
22.0	64.0	82.8	15 100*	67.3	83.7	15 600							22.0
24.0	61.0	81.8	14 300*	64.4	82.8	14 600							24.0
26.0	57.9	80.6	13 500*	61.3	81.8	13 400	66.8	83.1	12 000				26.0
28.0	54.6	79.3	12 800*	58.2	80.6	12 300	63.9	82.1	11 000				28.0
30.0	51.3	77.8	12 000*	55.0	79.3	11 400	60.9	81.1	10 200				30.0
32.0	47.7	76.1	11 200*	51.7	77.8	10 600	57.7	79.9	9 400				32.0
34.0	44.0	74.1	10 500	48.1	76.1	9 900	54.5	78.6	8 700	60.3	80.0	7 700	34.0
36.0	40.0	71.9	9 800*	44.4	74.2	9 200	51.1	77.0	8 100	57.1	78.8	7 100	36.0
38.0	35.6	69.3	9 200*	40.5	72.0	8 600	47.6	75.3	7 600	53.9	77.4	6 600	38.0
40.0	30.7	66.2	8 500*	36.1	69.5	8 100	43.8	73.4	7 100	50.5	75.9	6 100	40.0
42.0	24.9	62.5	8 000*	31.3	66.5	7 600	39.8	71.1	6 600	46.9	74.1	5 700	42.0
44.0	17.5	57.3	7 100*	25.6	62.8	7 200	35.4	68.5	6 200	43.1	72.1	5 300	44.0
46.0				18.5	57.8	6 700	30.5	65.4	5 800	39.0	69.8	5 000	46.0
48.0							24.7	61.6	5 500	34.5	67.2	4 700	48.0
50.0							17.1	56.4	5 200	29.5	64.0	4 400	50.0
52.0										23.4	60.0	4 100	52.0
54.0										15.3	54.3	3 800	54.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 155 On
Boom No. 84
44 680 kg Crane Counterweight
19 960 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speeds
(all boom lengths)
10 m/s Maximum Wind thru 33.5m Luffing Jib
7 m/s with 36.6m thru 48.8m Luffing Jib

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SERIES 2**

European
Standards

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

Jib Oper. Rad. m	88 Degree Boom Angle			85 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 Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
15.2	75.3	88.7	14 600*										15.2
16.0	74.3	88.5	14 400*										16.0
18.0	71.7	87.9	14 000*										18.0
20.0	69.0	87.2	13 300*	72.0	87.8	13 700*							20.0
22.0	66.3	86.3	12 500*	69.3	87.1	13 400*							22.0
24.0	63.5	85.4	11 800*	66.6	86.3	12 700*							24.0
26.0	60.7	84.3	11 100*	63.8	85.4	12 000*							26.0
28.0	57.8	83.2	10 500*	61.0	84.3	11 300*	66.2	85.6	10 900				28.0
30.0	54.7	81.8	9 800*	58.1	83.1	10 600*	63.4	84.7	10 000				30.0
32.0	51.6	80.3	9 200*	55.1	81.8	10 000*	60.6	83.6	9 300				32.0
34.0	48.3	78.6	8 700*	52.0	80.3	9 400*	57.6	82.4	8 600				34.0
36.0	44.9	76.7	8 200*	48.7	78.7	8 800*	54.6	81.1	8 000	60.0	82.6	7 000	36.0
38.0	41.2	74.6	7 700*	45.3	76.8	8 300*	51.5	79.6	7 500	57.1	81.4	6 500	38.0
40.0	37.2	72.2	7 200*	41.6	74.7	7 700*	48.2	77.9	7 000	54.0	80.0	6 000	40.0
42.0	32.9	69.3	6 800*	37.7	72.3	7 300*	44.7	76.0	6 500	50.9	78.4	5 600	42.0
44.0	27.9	65.9	6 400*	33.4	69.5	6 900*	41.1	73.8	6 100	47.6	76.7	5 200	44.0
46.0	22.0	61.6	6 100*	28.5	66.2	6 500*	37.1	71.4	5 800	44.1	74.8	4 900	46.0
48.0	13.8	55.4	5 500*	22.7	62.0	6 100*	32.7	68.5	5 400	40.3	72.6	4 600	48.0
50.0				15.0	56.2	5 800	27.7	65.1	5 100	36.3	70.1	4 300	50.0
52.0							21.7	60.7	4 800	31.8	67.1	4 000	52.0
54.0							13.4	54.4	4 500	26.7	63.5	3 800	54.0
56.0										20.4	58.9	3 500	56.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 155 On

Boom No. 84

44 680 kg Crane Counterweight

19 960 kg Carbody Counterweight

360 Degree Rating

Maximum Operating Wind Speeds
(all boom lengths)

10 m/s Maximum Wind thru 33.5m Luffing Jib

7 m/s with 36.6m thru 48.8m Luffing Jib



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SERIES 2

European
Standards

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

Jib Oper. Rad. m	88 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
16.8	74.3	91.4	12 600*							16.8
18.0	72.8	91.1	12 400*							18.0
20.0	70.4	90.4	12 100*							20.0
22.0	67.8	89.6	11 500*	70.6	90.3	11 800*				22.0
24.0	65.3	88.8	10 700*	68.1	89.6	11 500*				24.0
26.0	62.7	87.8	10 100*	65.6	88.7	10 900*				26.0
28.0	60.0	86.7	9 400*	63.0	87.8	10 200*				28.0
30.0	57.2	85.5	8 800*	60.3	86.7	9 500*	65.2	88.1	9 700	30.0
32.0	54.4	84.1	8 200*	57.6	85.5	8 900*	62.6	87.1	9 000	32.0
34.0	51.4	82.6	7 700*	54.7	84.1	8 300*	59.9	86.0	8 300	34.0
36.0	48.4	80.9	7 200*	51.8	82.7	7 800*	57.1	84.8	7 700	36.0
38.0	45.2	79.1	6 700*	48.7	81.0	7 200*	54.3	83.4	7 200	38.0
40.0	41.7	76.9	6 200*	45.5	79.1	6 800*	51.3	81.9	6 700	40.0
42.0	38.1	74.6	5 800*	42.1	77.0	6 300*	48.2	80.2	6 300	42.0
44.0	34.1	71.8	5 400*	38.5	74.7	5 900*	45.0	78.3	5 800	44.0
46.0	29.6	68.6	5 000*	34.6	72.0	5 500*	41.6	76.2	5 500	46.0
48.0	24.5	64.7	4 700*	30.2	68.8	5 100*	37.9	73.8	5 100	48.0
50.0	18.0	59.5	4 400*	25.1	65.0	4 800*	33.9	71.0	4 800	50.0
52.0				18.8	60.0	4 500*	29.4	67.8	4 500	52.0
54.0							24.2	63.8	4 300	54.0
56.0							17.6	58.6	4 000	56.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 155 On
Boom No. 84
44 680 kg Crane Counterweight
19 960 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speeds
(all boom lengths)
10 m/s Maximum Wind thru 33.5m Luffing Jib
7 m/s with 36.6m thru 48.8m Luffing Jib

**555
SERIES 2**

European
Standards

45.7m (150 Ft.) Boom, 18.3m (60 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			85 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 Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
12.2	61.3	63.6	28 800*b																12.2
14.0	54.6	62.4	26 300*b	63.3	63.7	28 000*b													14.0
16.0	46.5	60.8	23 900*b	56.1	62.5	25 300b													16.0
18.0	37.1	58.5	21 900*	48.1	61.0	22 600													18.0
20.0	24.9	55.2	20 000*	39.0	58.9	20 400	55.9	62.0	18 500b										20.0
22.0				27.6	55.8	18 700	47.9	60.4	16 800b										22.0
24.0							38.8	58.3	15 400	55.5	61.0	13 900b							24.0
26.0							27.3	55.2	14 200	47.5	59.4	12 700							26.0
28.0										38.2	57.2	11 800	54.7	59.6	10 500b				28.0
30.0										26.5	54.1	10 900	46.6	58.0	9 700				30.0
32.0													37.2	55.8	9 000				32.0
34.0													25.0	52.5	8 400	45.2	56.1	7 400	34.0
36.0																35.5	53.8	6 800	36.0
38.0																22.5	50.2	6 300	38.0

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

Jib Oper. Rad. m	88 Degree Boom Angle			85 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 Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
12.2	65.7	67.0	27 800*b																12.2
14.0	60.2	66.0	25 500*b	67.4	67.1	27 100*b													14.0
16.0	53.8	64.7	23 300*	61.4	66.1	24 600b													16.0
18.0	46.8	63.1	21 300*	55.1	64.9	22 200													18.0
20.0	38.9	60.9	19 700*	48.3	63.3	20 000	61.3	65.5	18 100b										20.0
22.0	29.4	58.0	18 200*	40.6	61.2	18 200	54.9	64.3	16 500										22.0
24.0	15.2	53.1	15 800*	31.4	58.5	16 700	48.1	62.7	15 100										24.0
26.0							40.4	60.6	13 900	54.6	63.3	12 400							26.0
28.0							31.2	57.9	12 800	47.7	61.7	11 500							28.0
30.0							18.3	53.5	12 000	39.9	59.6	10 600	53.9	62.0	9 400				30.0
32.0										30.6	56.8	9 900	46.9	60.3	8 800				32.0
34.0													39.1	58.2	8 200				34.0
36.0													29.5	55.2	7 600	45.7	58.4	6 600	36.0
38.0													15.4	50.4	7 000	37.6	56.2	6 100	38.0
40.0																27.7	53.1	5 700	40.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 155 On
Boom No. 84
44 680 kg Crane Counterweight
19 960 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speeds
(all boom lengths)
10 m/s Maximum Wind thru 33.5m Luffing Jib
7 m/s with 36.6m thru 48.8m Luffing Jib

**555
SERIES 2**

European
Standards

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

Jib Oper. Rad. m	88 Degree Boom Angle			85 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 Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
12.2	68.9	70.3	26 700*b																12.2
14.0	64.3	69.5	24 600*b	70.3	70.3	26 100*b													14.0
16.0	58.9	68.4	22 500*	65.3	69.5	23 800*b													16.0
18.0	53.2	67.1	20 700*	60.0	68.5	21 600													18.0
20.0	47.1	65.4	19 100*	54.4	67.2	19 500	65.1	68.9	17 700b										20.0
22.0	40.3	63.3	17 700*	48.4	65.6	17 800	59.8	67.9	16 000										22.0
24.0	32.4	60.6	16 500*	41.7	63.6	16 300	54.2	66.6	14 700										24.0
26.0	22.1	56.7	15 300*	34.0	61.0	15 000	48.2	65.0	13 500	59.5	66.9	12 000							26.0
28.0				24.4	57.4	13 900	41.5	63.0	12 400	53.9	65.6	11 100							28.0
30.0							33.8	60.4	11 500	47.8	64.0	10 200							30.0
32.0							24.1	56.8	10 700	41.1	62.0	9 500	53.3	64.3	8 400				32.0
34.0										33.4	59.3	8 900	47.2	62.6	7 800				34.0
36.0										23.5	55.6	8 300	40.4	60.5	7 200				36.0
38.0													32.5	57.8	6 800	46.1	60.7	5 800	38.0
40.0													22.2	53.9	6 300	39.2	58.6	5 500	40.0
42.0																31.0	55.7	5 000	42.0
44.0																20.1	51.5	4 700	44.0

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

Jib Oper. Rad. m	88 Degree Boom Angle			85 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 Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
12.2	71.3	73.5	25 700*b																12.2
14.0	67.3	72.8	23 700*b																14.0
16.0	62.7	71.9	21 900*	68.2	72.8	23 100*b													16.0
18.0	57.9	70.7	20 200*	63.6	71.9	21 100													18.0
20.0	52.8	69.4	18 600*	58.8	70.8	19 100													20.0
22.0	47.3	67.7	17 300*	53.8	69.5	17 400	63.5	71.4	15 700										22.0
24.0	41.3	65.7	16 100*	48.4	67.9	15 900	58.7	70.2	14 300										24.0
26.0	34.6	63.1	15 100*	42.6	65.9	14 700	53.7	68.9	13 100										26.0
28.0	26.3	59.7	14 100*	36.0	63.5	13 600	48.3	67.3	12 100	58.4	69.3	10 800							28.0
30.0	14.2	54.2	12 000*	28.1	60.3	12 600	42.4	65.3	11 300	53.4	67.9	10 000							30.0
32.0				17.2	55.5	11 800	35.8	62.9	10 500	48.0	66.3	9 300	57.9	67.9	8 100				32.0
34.0							27.9	59.6	9 800	42.1	64.3	8 600	52.8	66.6	7 500				34.0
36.0							16.9	54.8	9 200	35.4	61.8	8 000	47.4	64.9	7 000				36.0
38.0										27.4	58.5	7 500	41.4	62.9	6 500				38.0
40.0													34.6	60.3	6 100	46.5	63.0	5 200	40.0
42.0													26.4	56.9	5 700	40.4	60.9	4 800	42.0
44.0													14.4	51.5	5 300	33.4	58.3	4 500	44.0
46.0																24.8	54.7	4 200	46.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 155 On
Boom No. 84
44 680 kg Crane Counterweight
19 960 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speeds
(all boom lengths)
10 m/s Maximum Wind thru 33.5m Luffing Jib
7 m/s with 36.6m thru 48.8m Luffing Jib

**555
SERIES 2**

European
Standards

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

Jib Oper. Rad. m	88 Degree Boom Angle			85 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 Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
12.2	73.2	76.7	24 500*b													12.2
14.0	69.7	76.1	22 800*b													14.0
16.0	65.6	75.3	21 100*	70.4	76.1	22 200*b										16.0
18.0	61.4	74.3	19 500*	66.4	75.3	20 500*										18.0
20.0	57.0	73.1	18 100*	62.2	74.3	18 600										20.0
22.0	52.4	71.7	16 800*	57.9	73.2	17 000	66.3	74.7	15 300							22.0
24.0	47.5	70.0	15 700*	53.3	71.8	15 500	62.1	73.8	13 900							24.0
26.0	42.2	68.0	14 600*	48.5	70.2	14 300	57.8	72.6	12 700							26.0
28.0	36.2	65.5	13 700*	43.2	68.2	13 200	53.2	71.2	11 800							28.0
30.0	29.3	62.4	12 800*	37.4	65.9	12 300	48.4	69.6	10 900	57.5	71.6	9 600				30.0
32.0	20.3	58.1	12 000*	30.7	62.9	11 400	43.1	67.6	10 100	52.9	70.2	8 900				32.0
34.0				22.3	58.9	10 700	37.3	65.3	9 400	48.1	68.6	8 300				34.0
36.0							30.5	62.3	8 800	42.8	66.6	7 700	52.5	68.9	6 700	36.0
38.0							22.0	58.2	8 300	36.9	64.2	7 200	47.6	67.2	6 200	38.0
40.0										30.1	61.2	6 800	42.2	65.2	5 800	40.0
42.0										21.5	57.1	6 300	36.3	62.7	5 400	42.0
44.0													29.3	59.6	5 100	44.0
46.0													20.4	55.3	4 700	46.0

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

Jib Oper. Rad. m	88 Degree Boom Angle			85 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 Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
12.2	74.8	79.9	23 000*b													12.2
14.0	71.6	79.3	21 900*													14.0
16.0	67.9	78.6	20 400*													16.0
18.0	64.2	77.7	18 900*	68.7	78.6	19 800*										18.0
20.0	60.3	76.7	17 600*	64.9	77.7	18 400										20.0
22.0	56.3	75.4	16 400*	61.1	76.7	16 700										22.0
24.0	52.1	74.0	15 300*	57.1	75.5	15 300	64.8	77.2	13 700							24.0
26.0	47.6	72.3	14 300*	52.9	74.1	14 000	61.0	76.1	12 600							26.0
28.0	42.8	70.3	13 400*	48.5	72.5	13 000	57.0	74.9	11 600							28.0
30.0	37.5	67.9	12 500*	43.8	70.6	12 000	52.8	73.5	10 700	60.8	75.2	9 500				30.0
32.0	31.5	65.0	11 600*	38.6	68.3	11 200	48.4	71.9	10 000	56.8	74.0	8 800				32.0
34.0	24.2	61.2	10 700*	32.7	65.5	10 500	43.7	70.0	9 300	52.6	72.6	8 200				34.0
36.0	13.6	55.4	9 200*	25.7	61.9	9 900	38.5	67.7	8 700	48.2	70.9	7 600				36.0
38.0				16.1	56.7	9 300	32.6	64.9	8 100	43.4	69.0	7 100	52.2	71.2	6 100	38.0
40.0							25.5	61.3	7 700	38.2	66.6	6 600	47.7	69.5	5 700	40.0
42.0							15.8	56.0	7 200	32.2	63.8	6 200	42.9	67.5	5 300	42.0
44.0										25.1	60.1	5 800	37.6	65.2	4 900	44.0
46.0													31.6	62.2	4 600	46.0
48.0													24.3	58.5	4 300	48.0
50.0													13.7	52.7	4 000	50.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 155 On

Boom No. 84

44 680 kg Crane Counterweight

19 960 kg Carbody Counterweight

360 Degree Rating

Maximum Operating Wind Speeds
(all boom lengths)

10 m/s Maximum Wind thru 33.5m Luffing Jib

7 m/s with 36.6m thru 48.8m Luffing Jib

**555
SERIES 2**

European
Standards

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

Jib Oper. Rad. m	88 Degree Boom Angle			85 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 Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
13.7	73.6	82.6	20 400*													13.7
14.0	73.2	82.5	20 300*													14.0
16.0	69.9	81.9	19 400*													16.0
18.0	66.5	81.1	18 200*	70.5	81.8	19 000*										18.0
20.0	63.0	80.1	17 000*	67.1	81.1	17 700										20.0
22.0	59.4	79.0	15 900*	63.7	80.2	16 300										22.0
24.0	55.7	77.7	14 800*	60.1	79.1	14 900										24.0
26.0	51.9	76.3	13 900*	56.5	77.8	13 700	63.6	79.6	12 200							26.0
28.0	47.7	74.6	13 000*	52.6	76.4	12 700	60.1	78.5	11 300							28.0
30.0	43.4	72.6	12 200*	48.6	74.8	11 700	56.4	77.3	10 400							30.0
32.0	38.6	70.3	11 200*	44.2	72.9	10 900	52.5	75.8	9 700	59.9	77.6	8 400				32.0
34.0	33.2	67.6	10 500*	39.5	70.7	10 200	48.5	74.2	9 000	56.2	76.3	7 800				34.0
36.0	27.0	64.1	9 700*	34.3	68.0	9 500	44.1	72.3	8 400	52.3	74.9	7 300				36.0
38.0	19.0	59.4	9 100*	28.3	64.7	9 000	39.4	70.0	7 800	48.2	73.2	6 800				38.0
40.0				20.7	60.3	8 400	34.2	67.4	7 300	43.9	71.3	6 400	51.9	73.5	5 400	40.0
42.0							28.1	64.1	6 900	39.1	69.0	5 900	47.8	71.8	5 000	42.0
44.0							20.5	59.6	6 500	33.9	66.3	5 600	43.4	69.8	4 700	44.0
46.0										27.8	63.0	5 200	38.6	67.5	4 400	46.0
48.0										20.0	58.5	4 900	33.3	64.8	4 100	48.0
50.0													27.1	61.3	3 800	50.0
52.0													19.1	56.7	3 600	52.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 155 On
Boom No. 84
44 680 kg Crane Counterweight
19 960 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speeds
(all boom lengths)
10 m/s Maximum Wind thru 33.5m Luffing Jib
7 m/s with 36.6m thru 48.8m Luffing Jib

**555
SERIES 2**

European
Standards

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

Jib Oper. Rad. m	88 Degree Boom Angle			85 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 Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
13.7	74.9	85.8	18 100*										13.7
14.0	74.5	85.7	18 000*										14.0
16.0	71.5	85.1	17 700*										16.0
18.0	68.4	84.4	17 100*										18.0
20.0	65.2	83.5	16 200*	69.0	84.3	17 100*							20.0
22.0	62.0	82.5	15 300*	65.9	83.5	15 900							22.0
24.0	58.7	81.4	14 400*	62.6	82.6	14 600							24.0
26.0	55.2	80.1	13 500*	59.3	81.4	13 400	65.8	82.9	11 900				26.0
28.0	51.6	78.6	12 600*	55.9	80.2	12 400	62.6	82.0	10 900				28.0
30.0	47.8	76.9	11 800*	52.3	78.7	11 500	59.3	80.9	10 100				30.0
32.0	43.8	74.9	11 000*	48.6	77.1	10 700	55.8	79.6	9 400	62.4	81.0	8 200	32.0
34.0	39.5	72.7	10 200*	44.6	75.2	9 900	52.3	78.2	8 700	59.1	79.9	7 600	34.0
36.0	34.7	70.1	9 500*	40.3	73.0	9 300	48.5	76.5	8 100	55.6	78.6	7 000	36.0
38.0	29.2	66.8	8 900*	35.6	70.4	8 700	44.5	74.6	7 600	52.1	77.2	6 500	38.0
40.0	22.6	62.7	8 300*	30.3	67.4	8 200	40.2	72.4	7 100	48.3	75.5	6 100	40.0
42.0	13.1	56.5	7 200*	24.0	63.5	7 700	35.5	69.8	6 700	44.3	73.6	5 700	42.0
44.0				15.4	57.9	7 300	30.2	66.7	6 300	40.0	71.4	5 300	44.0
46.0							23.8	62.8	5 900	35.2	68.8	5 000	46.0
48.0							15.1	57.2	5 500	29.9	65.7	4 600	48.0
50.0										23.4	61.7	4 400	50.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 155 On
Boom No. 84
44 680 kg Crane Counterweight
19 960 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speeds
(all boom lengths)
10 m/s Maximum Wind thru 33.5m Luffing Jib
7 m/s with 36.6m thru 48.8m Luffing Jib



**555
SERIES 2**

European
Standards

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

Jib Oper. Rad. m	88 Degree Boom Angle			85 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 Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
13.7	76.0	88.9	16 100*										13.7
14.0	75.6	88.9	16 100*										14.0
16.0	72.8	88.3	15 800*										16.0
18.0	70.0	87.6	15 500*										18.0
20.0	67.1	86.8	15 000*	70.6	87.6	15 100*							20.0
22.0	64.2	85.9	14 300*	67.7	86.8	14 900*							22.0
24.0	61.1	84.9	13 500*	64.7	86.0	14 200							24.0
26.0	58.0	83.7	12 800*	61.7	84.9	13 100	67.6	86.3	11 500				26.0
28.0	54.8	82.4	12 000*	58.6	83.8	12 000	64.7	85.4	10 600				28.0
30.0	51.4	80.9	11 300*	55.4	82.5	11 100	61.7	84.4	9 800				30.0
32.0	47.9	79.2	10 600*	52.1	81.0	10 300	58.6	83.2	9 100				32.0
34.0	44.2	77.3	9 900*	48.6	79.4	9 600	55.4	81.9	8 400	61.5	83.4	7 200	34.0
36.0	40.2	75.1	9 300*	44.9	77.5	9 000	52.0	80.5	7 800	58.4	82.3	6 700	36.0
38.0	35.8	72.5	8 600*	41.0	75.4	8 400	48.5	78.8	7 300	55.2	81.0	6 200	38.0
40.0	31.0	69.5	8 100*	36.7	72.9	7 900	44.8	76.9	6 800	51.8	79.5	5 800	40.0
42.0	25.3	65.7	7 600*	32.0	69.9	7 400	40.9	74.8	6 300	48.3	77.8	5 400	42.0
44.0	18.0	60.7	7 200*	26.5	66.4	7 000	36.6	72.3	6 000	44.6	75.9	5 000	44.0
46.0				19.6	61.7	6 600	31.8	69.3	5 600	40.7	73.7	4 700	46.0
48.0							26.3	65.7	5 300	36.4	71.2	4 400	48.0
50.0							19.4	61.0	5 000	31.5	68.3	4 100	50.0
52.0										26.0	64.6	3 800	52.0
54.0										18.9	59.8	3 600	54.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 155 On
Boom No. 84
44 680 kg Crane Counterweight
19 960 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speeds
(all boom lengths)
10 m/s Maximum Wind thru 33.5m Luffing Jib
7 m/s with 36.6m thru 48.8m Luffing Jib



**555
SERIES 2**

European
Standards

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

Jib Oper. Rad. m	88 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
15.2	75.4	91.8	13 900*							15.2
16.0	74.4	91.6	13 800*							16.0
18.0	71.8	90.9	13 500*							18.0
20.0	69.1	90.2	13 200*	72.3	90.9	13 100*				20.0
22.0	66.4	89.4	12 500*	69.7	90.2	13 000*				22.0
24.0	63.7	88.5	11 800*	67.0	89.4	12 600*				24.0
26.0	60.8	87.4	11 100*	64.2	88.5	12 000*				26.0
28.0	57.9	86.3	10 400*	61.4	87.5	11 300*	66.9	88.9	10 500	28.0
30.0	54.9	84.9	9 800*	58.5	86.3	10 600*	64.1	88.0	9 700	30.0
32.0	51.8	83.4	9 200*	55.5	85.0	10 000*	61.3	86.9	8 900	32.0
34.0	48.5	81.8	8 700*	52.4	83.6	9 400*	58.4	85.8	8 300	34.0
36.0	45.1	79.9	8 200*	49.2	81.9	8 800	55.4	84.5	7 700	36.0
38.0	41.4	77.8	7 700*	45.8	80.1	8 300	52.3	83.0	7 200	38.0
40.0	37.5	75.3	7 200*	42.1	78.0	7 700	49.1	81.4	6 700	40.0
42.0	33.1	72.5	6 800*	38.3	75.7	7 300	45.7	79.5	6 300	42.0
44.0	28.2	69.1	6 400*	34.0	72.9	6 800	42.1	77.4	5 800	44.0
46.0	22.3	64.9	6 100*	29.2	69.7	6 400	38.2	75.1	5 500	46.0
48.0	14.4	58.9	5 500*	23.6	65.7	6 100	33.9	72.3	5 200	48.0
50.0				16.2	60.1	5 800	29.1	69.1	4 800	50.0
52.0							23.4	65.0	4 600	52.0
54.0							16.0	59.4	4 300	54.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 155 On

Boom No. 84

44 680 kg Crane Counterweight

19 960 kg Carbody Counterweight

360 Degree Rating

Maximum Operating Wind Speeds
(all boom lengths)

10 m/s Maximum Wind thru 33.5m Luffing Jib

7 m/s with 36.6m thru 48.8m Luffing Jib



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SERIES 2

European
Standards

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

Jib Oper. Rad. m	88 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
16.8	74.5	94.5	12 100*							16.8
18.0	73.0	94.2	12 000*							18.0
20.0	70.5	93.5	11 700*							20.0
22.0	68.0	92.7	11 300*	71.0	93.5	11 400*				22.0
24.0	65.4	91.9	10 700*	68.5	92.7	11 200*				24.0
26.0	62.8	90.9	10 000*	65.9	91.9	10 900*				26.0
28.0	60.1	89.8	9 400*	63.3	90.9	10 200*				28.0
30.0	57.4	88.6	8 800*	60.7	89.9	9 600*	65.9	91.3	9 300	30.0
32.0	54.5	87.2	8 300*	57.9	88.7	9 000*	63.3	90.4	8 600	32.0
34.0	51.6	85.7	7 700*	55.1	87.4	8 400*	60.6	89.3	8 000	34.0
36.0	48.5	84.1	7 200*	52.2	85.9	7 900*	57.9	88.1	7 400	36.0
38.0	45.3	82.2	6 700*	49.1	84.2	7 300*	55.0	86.8	6 900	38.0
40.0	41.9	80.1	6 200*	46.0	82.4	6 800*	52.1	85.3	6 400	40.0
42.0	38.3	77.7	5 800*	42.6	80.4	6 400*	49.1	83.7	6 000	42.0
44.0	34.3	75.0	5 400*	39.0	78.1	5 900*	45.9	81.8	5 600	44.0
46.0	29.9	71.8	5 000*	35.1	75.4	5 500*	42.5	79.8	5 200	46.0
48.0	24.8	67.9	4 700*	30.8	72.3	5 100*	38.9	77.4	4 900	48.0
50.0	18.4	62.9	4 400*	25.8	68.6	4 800*	35.0	74.8	4 600	50.0
52.0				19.8	63.8	4 500*	30.7	71.7	4 300	52.0
54.0				10.8	56.5	4 000*	25.7	68.0	4 000	54.0
56.0							19.6	63.2	3 800	56.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 155 On
Boom No. 84
44 680 kg Crane Counterweight
19 960 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speeds
(all boom lengths)
10 m/s Maximum Wind thru 33.5m Luffing Jib
7 m/s with 36.6m thru 48.8m Luffing Jib

**555
SERIES 2**

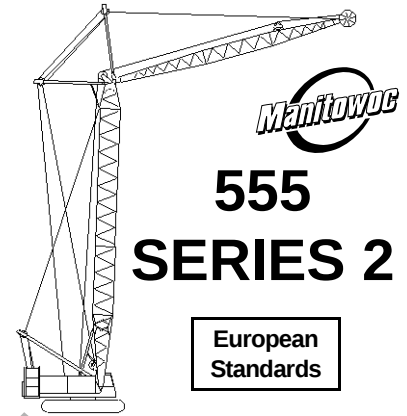
European
Standards

48.8m (160 Ft.) Boom, 18.3m (60 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			85 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 Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
12.2	61.7	66.7	27 700*b																12.2
14.0	55.0	65.6	25 300*b																14.0
16.0	46.9	63.9	23 000*b	57.1	65.7	24 400*b													16.0
18.0	37.6	61.7	21 100*	49.2	64.2	22 100													18.0
20.0	25.6	58.5	19 400*	40.3	62.2	20 000	57.9	65.3	17 900b										20.0
22.0				29.4	59.4	18 200	50.1	63.8	16 300b										22.0
24.0							41.4	61.9	14 900	58.4	64.4	13 300b							24.0
26.0							30.7	59.2	13 800	50.7	63.0	12 200b							26.0
28.0										42.1	61.1	11 300							28.0
30.0										31.6	58.5	10 500	50.9	61.8	9 200				30.0
32.0										16.0	53.9	9 700	42.3	59.9	8 500				32.0
34.0													31.9	57.2	7 900	50.6	60.0	6 900	34.0
36.0													16.6	52.8	7 400	41.9	58.1	6 400	36.0
38.0																31.4	55.5	5 900	38.0

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

Jib Oper. Rad. m	88 Degree Boom Angle			85 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 Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
12.2	66.0	70.1	26 700*b																12.2
14.0	60.6	69.2	24 500*b																14.0
16.0	54.2	67.9	22 400*	62.2	69.3	23 700*b													16.0
18.0	47.2	66.2	20 500*	56.0	68.1	21 600													18.0
20.0	39.4	64.1	18 900*	49.2	66.6	19 500	62.9	68.8	17 600b										20.0
22.0	29.9	61.2	17 500*	41.7	64.6	17 800	56.7	67.6	15 900b										22.0
24.0	16.2	56.5	15 900*	32.8	62.0	16 300	50.0	66.2	14 600										24.0
26.0							42.5	64.2	13 400	57.1	66.8	11 900							26.0
28.0							33.8	61.7	12 400	50.5	65.3	11 000							28.0
30.0							22.4	58.0	11 600	43.1	63.5	10 200							30.0
32.0										34.5	61.0	9 500	50.7	64.1	8 300				32.0
34.0										23.4	57.4	8 800	43.3	62.2	7 700				34.0
36.0													34.8	59.7	7 200				36.0
38.0													23.8	56.2	6 700				38.0
40.0																43.0	60.5	5 700	40.0
42.0																34.4	58.0	5 300	42.0
																23.2	54.3	4 900	42.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 155 On
Boom No. 84
44 680 kg Crane Counterweight
19 960 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speeds
(all boom lengths)
10 m/s Maximum Wind thru 33.5m Luffing Jib
7 m/s with 36.6m thru 48.8m Luffing Jib

**555
SERIES 2**

European
Standards

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

Jib Oper. Rad. m	88 Degree Boom Angle				85 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 Kilograms		Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms		Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms		Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms		Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms		Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms		
12.2	69.1	73.3	25 600*b																						12.2
14.0	64.5	72.6	23 700*b																						14.0
16.0	59.2	71.5	21 700*	65.9	72.7	22 900*b																			16.0
18.0	53.6	70.2	19 900*	60.7	71.7	20 900*																			18.0
20.0	47.5	68.5	18 300*	55.1	70.4	19 100	66.5	72.2	17 100b																20.0
22.0	40.7	66.5	17 000*	49.2	68.8	17 300	61.3	71.2	15 500																22.0
24.0	32.8	63.8	15 800*	42.6	66.9	15 900	55.7	70.0	14 200																24.0
26.0	22.8	60.0	14 700*	35.1	64.4	14 700	49.8	68.4	13 000	61.7	70.3	11 500													26.0
28.0				25.9	61.0	13 600	43.4	66.6	12 000	56.2	69.1	10 600													28.0
30.0							36.0	64.2	11 200	50.3	67.6	9 800													30.0
32.0							27.0	60.9	10 400	43.9	65.8	9 100	56.3	67.8	7 900										32.0
34.0										36.6	63.4	8 500	50.5	66.4	7 300										34.0
36.0										27.8	60.2	7 900	44.0	64.5	6 800										36.0
38.0										14.8	55.1	7 400	36.8	62.2	6 400										38.0
40.0													28.0	59.0	5 900	43.8	62.8	5 000							40.0
42.0													15.2	54.0	5 500	36.5	60.4	4 600							42.0
44.0																27.6	57.2	4 300							44.0

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

Jib Oper. Rad. m	88 Degree Boom Angle				85 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 Kilograms		Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms		Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms		Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms		Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms		
12.2	71.6	76.6	24 600*b																		12.2
14.0	67.5	75.9	22 800*b																		14.0
16.0	62.9	75.0	21 000*	68.8	76.0	22 100*b															16.0
18.0	58.1	73.9	19 400*	64.2	75.1	20 300*															18.0
20.0	53.1	72.5	17 900*	59.5	74.0	18 700															20.0
22.0	47.6	70.8	16 600*	54.5	72.7	17 000	64.7	74.6	15 200												22.0
24.0	41.7	68.8	15 400*	49.2	71.2	15 600	60.0	73.6	13 800												24.0
26.0	34.9	66.3	14 400*	43.4	69.2	14 300	55.0	72.3	12 700												26.0
28.0	26.8	62.9	13 500*	36.9	66.9	13 300	49.7	70.8	11 800	60.3	72.7	10 300									28.0
30.0	15.1	57.7	12 000*	29.2	63.8	12 400	44.0	68.9	10 900	55.4	71.4	9 500									30.0
32.0				19.0	59.3	11 600	37.6	66.6	10 100	50.2	69.9	8 800									32.0
34.0							30.1	63.6	9 500	44.5	68.1	8 200	55.5	70.2	7 100						34.0
36.0							20.3	59.3	8 900	38.1	65.8	7 700	50.3	68.7	6 600						36.0
38.0										30.7	62.9	7 200	44.6	66.8	6 100						38.0
40.0										21.2	58.8	6 700	38.3	64.6	5 700						40.0
42.0													30.9	61.7	5 300						42.0
44.0													21.5	57.6	5 000						44.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 155 On
Boom No. 84
44 680 kg Crane Counterweight
19 960 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speeds
(all boom lengths)
10 m/s Maximum Wind thru 33.5m Luffing Jib
7 m/s with 36.6m thru 48.8m Luffing Jib

**555
SERIES 2**

European
Standards

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

Jib Oper. Rad. m	88 Degree Boom Angle			85 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 Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
12.2	73.5	79.8	23 200*b													12.2
14.0	69.9	79.2	21 900*b													14.0
16.0	65.8	78.4	20 200*	71.0	79.2	21 200*b										16.0
18.0	61.6	77.4	18 700*	66.9	78.4	19 600*										18.0
20.0	57.3	76.2	17 300*	62.8	77.5	18 100										20.0
22.0	52.7	74.8	16 200*	58.5	76.4	16 500										22.0
24.0	47.8	73.1	15 000*	53.9	75.0	15 200	63.2	77.0	13 400							24.0
26.0	42.5	71.2	14 000*	49.1	73.4	14 000	58.9	75.9	12 300							26.0
28.0	36.5	68.7	13 000*	44.0	71.6	12 900	54.4	74.6	11 300							28.0
30.0	29.7	65.7	12 100*	38.2	69.3	11 900	49.7	73.1	10 500	59.3	75.1	9 200				30.0
32.0	20.8	61.4	11 200*	31.7	66.4	11 200	44.5	71.2	9 800	54.8	73.8	8 500				32.0
34.0				23.6	62.6	10 500	38.9	68.9	9 100	50.0	72.2	7 900				34.0
36.0							32.4	66.2	8 500	44.9	70.4	7 300	54.9	72.5	6 200	36.0
38.0							24.5	62.5	8 000	39.3	68.2	6 800	50.2	71.0	5 800	38.0
40.0										33.0	65.4	6 400	45.1	69.2	5 400	40.0
42.0										25.2	61.9	6 000	39.5	66.9	5 000	42.0
44.0										14.0	56.2	5 700	33.1	64.2	4 700	44.0
46.0													25.4	60.7	4 400	46.0
48.0													14.4	55.1	4 100	48.0

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

Jib Oper. Rad. m	88 Degree Boom Angle			85 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 Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
12.2	75.0	82.9	21 300*b													12.2
14.0	71.8	82.4	20 500*													14.0
16.0	68.1	81.7	19 500*													16.0
18.0	64.4	80.8	18 100*	69.1	81.7	18 900*										18.0
20.0	60.5	79.8	16 800*	65.4	80.9	17 600*										20.0
22.0	56.5	78.5	15 700*	61.6	79.9	16 300										22.0
24.0	52.3	77.1	14 700*	57.7	78.7	14 900	65.8	80.4	13 200							24.0
26.0	47.9	75.4	13 700*	53.5	77.3	13 700	62.0	79.4	12 200							26.0
28.0	43.1	73.5	12 600*	49.1	75.7	12 700	58.1	78.3	11 200							28.0
30.0	37.8	71.1	11 700*	44.4	73.9	11 800	54.0	76.9	10 400							30.0
32.0	31.8	68.2	10 900*	39.3	71.6	11 000	49.6	75.4	9 600	58.4	77.4	8 300				32.0
34.0	24.6	64.5	10 100*	33.6	68.9	10 300	45.0	73.5	9 000	54.3	76.1	7 700				34.0
36.0	14.3	58.9	9 100*	26.8	65.5	9 600	39.9	71.3	8 400	49.9	74.5	7 200				36.0
38.0				17.7	60.6	9 100	34.2	68.7	7 800	45.3	72.7	6 700	54.4	74.8	5 600	38.0
40.0							27.6	65.3	7 400	40.3	70.6	6 300	50.1	73.3	5 300	40.0
42.0							18.9	60.7	6 900	34.7	67.9	5 900	45.4	71.5	4 900	42.0
44.0										28.1	64.7	5 500	40.4	69.3	4 600	44.0
46.0										19.6	60.1	5 200	34.8	66.7	4 300	46.0
48.0													28.3	63.5	4 000	48.0
50.0													19.9	59.0	3 700	50.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 155 On

Boom No. 84

44 680 kg Crane Counterweight

19 960 kg Carbody Counterweight

360 Degree Rating

Maximum Operating Wind Speeds
(all boom lengths)

10 m/s Maximum Wind thru 33.5m Luffing Jib

7 m/s with 36.6m thru 48.8m Luffing Jib



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SERIES 2

European
Standards

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

Jib Oper. Rad. m	88 Degree Boom Angle			85 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 Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
13.7	73.8	85.7	18 900*										13.7
14.0	73.3	85.6	18 800*										14.0
16.0	70.0	84.9	18 000*										16.0
18.0	66.7	84.2	17 100*	70.9	85.0	18 000*							18.0
20.0	63.2	83.2	16 100*	67.6	84.2	16 900*							20.0
22.0	59.6	82.1	15 100*	64.2	83.3	15 800*							22.0
24.0	55.9	80.9	14 100*	60.6	82.3	14 600							24.0
26.0	52.1	79.4	13 200*	57.0	81.1	13 400	64.5	82.8	11 800				26.0
28.0	48.0	77.7	12 300*	53.1	79.7	12 400	61.0	81.8	10 900				28.0
30.0	43.6	75.8	11 300*	49.1	78.1	11 500	57.4	80.6	10 000				30.0
32.0	38.8	73.5	10 600*	44.8	76.2	10 700	53.6	79.2	9 300	61.3	80.9	8 000	32.0
34.0	33.5	70.8	9 800*	40.2	74.0	10 000	49.6	77.7	8 600	57.6	79.8	7 400	34.0
36.0	27.4	67.4	9 200*	35.1	71.4	9 300	45.3	75.8	8 100	53.8	78.4	6 900	36.0
38.0	19.5	62.7	8 600*	29.2	68.2	8 700	40.7	73.7	7 600	49.9	76.8	6 400	38.0
40.0				21.9	64.0	8 300	35.6	71.1	7 100	45.6	75.0	6 000	40.0
42.0							29.8	68.0	6 700	41.1	72.9	5 600	42.0
44.0							22.8	64.0	6 300	36.0	70.4	5 200	44.0
46.0										30.3	67.3	4 900	46.0
48.0										23.4	63.4	4 600	48.0
50.0										13.4	57.4	4 300	50.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 155 On
Boom No. 84
44 680 kg Crane Counterweight
19 960 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speeds
(all boom lengths)
10 m/s Maximum Wind thru 33.5m Luffing Jib
7 m/s with 36.6m thru 48.8m Luffing Jib

**555
SERIES 2**

European
Standards

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

Jib Oper. Rad. m	88 Degree Boom Angle			85 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 Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
13.7	75.1	88.9	17 100*										13.7
14.0	74.7	88.8	17 000*										14.0
16.0	71.6	88.2	16 500*										16.0
18.0	68.6	87.4	15 900*										18.0
20.0	65.4	86.6	15 100*	69.4	87.5	16 100*							20.0
22.0	62.2	85.6	14 300*	66.3	86.7	15 300*							22.0
24.0	58.9	84.5	13 400*	63.1	85.7	14 200							24.0
26.0	55.4	83.2	12 600*	59.8	84.6	13 100	66.6	86.2	11 500				26.0
28.0	51.8	81.7	11 800*	56.4	83.4	12 100	63.4	85.3	10 500				28.0
30.0	48.1	80.0	11 000*	52.8	82.0	11 200	60.1	84.2	9 700				30.0
32.0	44.0	78.1	10 200*	49.1	80.3	10 400	56.8	83.0	9 000				32.0
34.0	39.7	75.9	9 500*	45.2	78.5	9 700	53.2	81.6	8 400	60.4	83.3	7 200	34.0
36.0	34.9	73.3	8 900*	40.9	76.3	9 100	49.5	80.0	7 800	57.0	82.1	6 600	36.0
38.0	29.5	70.1	8 300*	36.3	73.8	8 500	45.6	78.1	7 300	53.5	80.7	6 200	38.0
40.0	23.0	66.0	7 800*	31.1	70.8	8 000	41.4	76.0	6 800	49.8	79.1	5 700	40.0
42.0	13.8	60.0	7 000*	24.9	67.1	7 500	36.8	73.6	6 400	45.9	77.3	5 400	42.0
44.0				16.8	61.8	7 100	31.7	70.6	6 000	41.7	75.2	5 000	44.0
46.0							25.6	67.0	5 700	37.2	72.8	4 700	46.0
48.0							17.8	61.9	5 300	32.1	69.9	4 400	48.0
50.0										26.1	66.3	4 100	50.0
52.0										18.5	61.5	3 800	52.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 155 On

Boom No. 84

44 680 kg Crane Counterweight

19 960 kg Carbody Counterweight

360 Degree Rating

Maximum Operating Wind Speeds
(all boom lengths)

10 m/s Maximum Wind thru 33.5m Luffing Jib

7 m/s with 36.6m thru 48.8m Luffing Jib



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SERIES 2

European
Standards

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

Jib Oper. Rad. m	88 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
15.2	74.5	91.7	14 600*							15.2
16.0	73.4	91.5	14 500*							16.0
18.0	70.6	90.8	14 300*							18.0
20.0	67.7	90.1	13 900*	71.4	90.8	14 000*				20.0
22.0	64.8	89.2	13 200*	68.5	90.1	13 900*				22.0
24.0	61.8	88.2	12 600*	65.6	89.3	13 500*				24.0
26.0	58.7	87.0	11 900*	62.6	88.3	12 700				26.0
28.0	55.5	85.7	11 200*	59.5	87.2	11 800	65.9	88.8	10 200	28.0
30.0	52.2	84.3	10 500*	56.4	85.9	10 900	62.9	87.8	9 400	30.0
32.0	48.7	82.6	9 900*	53.1	84.5	10 100	59.9	86.7	8 800	32.0
34.0	45.0	80.7	9 200*	49.6	82.9	9 400	56.7	85.5	8 100	34.0
36.0	41.0	78.6	8 700*	46.0	81.1	8 800	53.4	84.1	7 500	36.0
38.0	36.8	76.1	8 100*	42.2	79.0	8 200	50.0	82.5	7 000	38.0
40.0	32.0	73.2	7 600*	38.0	76.7	7 700	46.4	80.7	6 500	40.0
42.0	26.5	69.6	7 200*	33.4	73.9	7 200	42.6	78.7	6 100	42.0
44.0	19.7	64.9	6 800*	28.1	70.5	6 800	38.5	76.3	5 700	44.0
46.0				21.8	66.2	6 400	33.9	73.6	5 400	46.0
48.0				12.7	59.8	5 900	28.7	70.3	5 000	48.0
50.0							22.5	66.2	4 800	50.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 155 On
Boom No. 84
44 680 kg Crane Counterweight
19 960 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speeds
(all boom lengths)
10 m/s Maximum Wind thru 33.5m Luffing Jib
7 m/s with 36.6m thru 48.8m Luffing Jib

European
Standards

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

Jib Oper. Rad. m	88 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
15.2	75.5	94.8	13 200*							15.2
16.0	74.5	94.6	13 100*							16.0
18.0	71.9	94.0	12 800*							18.0
20.0	69.3	93.3	12 600*	72.7	94.0	12 500*				20.0
22.0	66.6	92.5	12 300*	70.0	93.4	12 400*				22.0
24.0	63.8	91.6	11 700*	67.3	92.6	12 200*				24.0
26.0	61.0	90.6	11 000*	64.6	91.7	12 000*				26.0
28.0	58.1	89.4	10 400*	61.8	90.7	11 300*				28.0
30.0	55.1	88.1	9 800*	58.9	89.5	10 700*	64.9	91.2	9 300	30.0
32.0	51.9	86.6	9 200*	55.9	88.3	9 900	62.1	90.2	8 600	32.0
34.0	48.7	84.9	8 700*	52.8	86.8	9 200	59.2	89.1	8 000	34.0
36.0	45.3	83.1	8 200*	49.6	85.2	8 600	56.2	87.8	7 400	36.0
38.0	41.6	80.9	7 700*	46.2	83.4	8 000	53.2	86.4	6 900	38.0
40.0	37.7	78.5	7 300*	42.6	81.4	7 600	50.0	84.8	6 400	40.0
42.0	33.4	75.7	6 800*	38.8	79.0	7 100	46.6	83.0	6 000	42.0
44.0	28.5	72.4	6 500*	34.6	76.4	6 700	43.0	81.0	5 600	44.0
46.0	22.7	68.2	6 100*	29.9	73.2	6 300	39.2	78.7	5 300	46.0
48.0	14.9	62.3	5 600*	24.4	69.3	5 900	35.1	76.1	4 900	48.0
50.0				17.4	64.1	5 600	30.4	73.0	4 600	50.0
52.0							25.1	69.2	4 400	52.0
54.0							18.3	64.1	4 100	54.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 155 On
Boom No. 84
44 680 kg Crane Counterweight
19 960 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speeds
(all boom lengths)
10 m/s Maximum Wind thru 33.5m Luffing Jib
7 m/s with 36.6m thru 48.8m Luffing Jib



**555
SERIES 2**

European
Standards

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

Jib Oper. Rad. m	88 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
16.8	74.6	97.6	11 600*							16.8
18.0	73.1	97.2	11 500*							18.0
20.0	70.6	96.6	11 200*							20.0
22.0	68.1	95.8	10 900*	71.3	96.6	11 000*				22.0
24.0	65.6	95.0	10 600*	68.8	95.9	10 800*				24.0
26.0	62.9	94.0	10 000*	66.3	95.0	10 600*				26.0
28.0	60.3	92.9	9 400*	63.7	94.1	10 200*				28.0
30.0	57.5	91.7	8 800*	61.0	93.1	9 600*	66.5	94.6	9 000	30.0
32.0	54.7	90.4	8 200*	58.3	91.9	9 000*	63.9	93.6	8 300	32.0
34.0	51.8	88.9	7 700*	55.5	90.6	8 400*	61.3	92.6	7 700	34.0
36.0	48.7	87.2	7 200*	52.6	89.1	7 900*	58.6	91.4	7 100	36.0
38.0	45.5	85.3	6 700*	49.6	87.5	7 400*	55.8	90.2	6 600	38.0
40.0	42.1	83.3	6 300*	46.4	85.7	6 900*	52.9	88.7	6 100	40.0
42.0	38.5	80.9	5 900*	43.1	83.7	6 400*	49.9	87.1	5 700	42.0
44.0	34.5	78.2	5 400*	39.5	81.4	6 000*	46.7	85.3	5 300	44.0
46.0	30.1	75.1	5 100*	35.6	78.8	5 600*	43.4	83.3	5 000	46.0
48.0	25.0	71.2	4 700*	31.4	75.8	5 200*	39.9	81.1	4 700	48.0
50.0	18.7	66.2	4 400*	26.5	72.2	4 900*	36.1	78.5	4 400	50.0
52.0				20.7	67.6	4 500*	31.9	75.6	4 100	52.0
54.0				12.4	60.9	4 300*	27.1	72.0	3 800	54.0
56.0							21.4	67.6	3 600	56.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 155 On
Boom No. 84
44 680 kg Crane Counterweight
19 960 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speeds
(all boom lengths)
10 m/s Maximum Wind thru 33.5m Luffing Jib
7 m/s with 36.6m thru 48.8m Luffing Jib

**555
SERIES 2**

European
Standards

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

Jib Oper. Rad. m	88 Degree Boom Angle			85 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 Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
12.2	62.0	69.8	26 500*b																12.2
14.0	55.4	68.7	24 300*b																14.0
16.0	47.4	67.1	22 100*b	58.1	68.9	23 400*b													16.0
18.0	38.2	64.9	20 200*	50.3	67.5	21 300*b													18.0
20.0	26.4	61.7	18 600*	41.6	65.6	19 400	59.8	68.6	17 300b										20.0
22.0				31.0	62.9	17 800	52.3	67.3	15 700b										22.0
24.0				14.9	58.1	16 400	43.8	65.5	14 400										24.0
26.0							33.8	63.0	13 300	53.9	66.6	11 700b							26.0
28.0							19.9	59.0	12 300	45.6	64.9	10 700							28.0
30.0										36.0	62.6	10 000							30.0
32.0										23.4	59.1	9 300	47.0	63.8	7 900				32.0
34.0													37.6	61.6	7 400				34.0
36.0													25.7	58.3	6 900	47.7	62.2	5 800	36.0
38.0																38.5	60.1	5 400	38.0
40.0																26.8	56.9	5 000	40.0

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

Jib Oper. Rad. m	88 Degree Boom Angle			85 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 Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
12.2	66.3	73.2	25 600*b													12.2
14.0	60.9	72.3	23 500*b													14.0
16.0	54.5	71.0	21 400*b	63.0	72.4	22 700*b										16.0
18.0	47.6	69.4	19 700*	56.8	71.3	20 700*										18.0
20.0	39.8	67.3	18 100*	50.1	69.8	18 900	64.5	72.1	16 900b							20.0
22.0	30.5	64.4	16 800*	42.7	67.9	17 400	58.4	71.0	15 400b							22.0
24.0	17.2	59.9	15 600*	34.1	65.4	16 000	51.8	69.6	14 100							24.0
26.0				22.8	61.7	14 800	44.6	67.8	13 000	59.6	70.2	11 300b				26.0
28.0							36.3	65.4	12 000	53.2	68.9	10 500				28.0
30.0							25.9	62.1	11 100	46.1	67.2	9 700				30.0
32.0							6.6	55.3	10 500	38.1	65.0	9 000	54.2	67.7	7 700	32.0
34.0										28.3	61.9	8 400	47.2	66.1	7 100	34.0
36.0													39.4	64.0	6 700	36.0
38.0													30.0	61.1	6 200	38.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 155 On
Boom No. 84
44 680 kg Crane Counterweight
19 960 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speeds
(all boom lengths)
10 m/s Maximum Wind thru 33.5m Luffing Jib
7 m/s with 36.6m thru 48.8m Luffing Jib

**555
SERIES 2**

European
Standards

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

Jib Oper. Rad. m	88 Degree Boom Angle			85 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 Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
12.2	69.4	76.4	24 500*b													12.2
14.0	64.8	75.7	22 700*b													14.0
16.0	59.5	74.6	20 800*	66.6	75.8	21 800*b										16.0
18.0	53.9	73.3	19 100*	61.4	74.8	20 000*										18.0
20.0	47.8	71.7	17 600*	55.9	73.6	18 500										20.0
22.0	41.1	69.6	16 300*	50.0	72.1	17 000	62.7	74.5	15 000b							22.0
24.0	33.3	67.0	15 100*	43.5	70.2	15 500	57.2	73.3	13 700							24.0
26.0	23.4	63.3	14 100*	36.2	67.8	14 300	51.5	71.9	12 600							26.0
28.0				27.3	64.6	13 300	45.2	70.1	11 600	58.4	72.6	10 100				28.0
30.0				13.9	59.3	12 400	38.1	67.9	10 800	52.7	71.2	9 300				30.0
32.0							29.6	64.9	10 000	46.5	69.5	8 600				32.0
34.0							18.0	60.3	9 400	39.6	67.4	8 000	53.6	70.1	6 800	34.0
36.0										31.5	64.6	7 500	47.5	68.4	6 300	36.0
38.0										20.8	60.5	7 000	40.7	66.3	5 900	38.0
40.0													32.9	63.7	5 500	40.0
42.0													22.8	59.9	5 100	42.0

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

Jib Oper. Rad. m	88 Degree Boom Angle			85 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 Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
12.2	71.8	79.7	22 900*b													12.2
14.0	67.8	79.0	21 800*b													14.0
16.0	63.2	78.1	20 100*	69.4	79.1	21 100*b										16.0
18.0	58.4	77.0	18 600*	64.8	78.3	19 400*										18.0
20.0	53.3	75.6	17 200*	60.1	77.2	17 900*										20.0
22.0	47.9	74.0	15 900*	55.2	75.9	16 600	65.9	77.9	14 600b							22.0
24.0	42.0	72.0	14 800*	49.9	74.4	15 200	61.2	76.9	13 300							24.0
26.0	35.3	69.5	13 700*	44.2	72.6	14 000	56.4	75.7	12 200							26.0
28.0	27.3	66.2	12 700*	37.8	70.2	13 000	51.2	74.2	11 300							28.0
30.0	15.9	61.1	11 900*	30.3	67.3	12 000	45.6	72.4	10 500	57.4	74.9	9 100				30.0
32.0				20.6	63.1	11 300	39.4	70.2	9 700	52.3	73.5	8 400				32.0
34.0							32.3	67.5	9 100	46.8	71.8	7 800				34.0
36.0							23.3	63.7	8 500	40.7	69.7	7 200	53.1	72.4	6 100	36.0
38.0							7.5	56.4	8 000	33.8	67.1	6 800	47.6	70.7	5 600	38.0
40.0										25.4	63.6	6 400	41.7	68.7	5 200	40.0
42.0													35.0	66.2	4 900	42.0
44.0													26.8	62.8	4 600	44.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 155 On
Boom No. 84
44 680 kg Crane Counterweight
19 960 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speeds
(all boom lengths)
10 m/s Maximum Wind thru 33.5m Luffing Jib
7 m/s with 36.6m thru 48.8m Luffing Jib



**555
SERIES 2**

European
Standards

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

Jib Oper. Rad. m	88 Degree Boom Angle			85 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 Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
12.2	73.7	82.9	21 000*b										12.2
14.0	70.1	82.3	20 400*b										14.0
16.0	66.0	81.5	19 300*	71.5	82.3	20 200*b							16.0
18.0	61.8	80.5	17 900*	67.5	81.6	18 700*							18.0
20.0	57.5	79.3	16 600*	63.3	80.7	17 300*							20.0
22.0	52.9	77.9	15 400*	59.1	79.6	16 100							22.0
24.0	48.0	76.3	14 300*	54.6	78.3	14 800	64.3	80.3	13 000				24.0
26.0	42.8	74.3	13 200*	49.8	76.7	13 600	60.1	79.2	11 900				26.0
28.0	36.9	71.9	12 200*	44.7	74.9	12 600	55.7	78.0	10 900				28.0
30.0	30.1	68.9	11 300*	39.0	72.6	11 700	51.0	76.5	10 100				30.0
32.0	21.4	64.7	10 600*	32.6	69.9	10 900	45.9	74.7	9 400	56.6	77.3	8 000	32.0
34.0				24.8	66.2	10 200	40.4	72.6	8 700	51.9	75.8	7 400	34.0
36.0				13.2	60.4	9 600	34.2	70.0	8 200	47.0	74.1	6 900	36.0
38.0							26.8	66.6	7 700	41.6	72.1	6 500	38.0
40.0							16.7	61.6	7 200	35.6	69.6	6 000	40.0
42.0										28.5	66.4	5 600	42.0
44.0										19.2	61.8	5 300	44.0

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

Jib Oper. Rad. m	88 Degree Boom Angle			85 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 Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
12.2	75.2	86.0	19 600*b										12.2
14.0	72.0	85.5	18 800*										14.0
16.0	68.3	84.8	18 100*										16.0
18.0	64.6	83.9	17 000*	69.6	84.9	18 000*							18.0
20.0	60.8	82.9	15 900*	65.9	84.1	16 800*							20.0
22.0	56.8	81.7	14 800*	62.1	83.1	15 600*							22.0
24.0	52.6	80.2	13 800*	58.2	81.9	14 500							24.0
26.0	48.1	78.6	12 800*	54.1	80.6	13 400	63.0	82.7	11 700				26.0
28.0	43.4	76.6	11 800*	49.7	79.0	12 400	59.1	81.6	10 800				28.0
30.0	38.1	74.3	11 000*	45.1	77.2	11 500	55.1	80.3	10 000				30.0
32.0	32.2	71.5	10 200*	40.0	75.0	10 700	50.8	78.8	9 300	60.0	80.8	7 900	32.0
34.0	25.0	67.8	9 600*	34.4	72.4	10 000	46.2	77.0	8 600	55.9	79.6	7 300	34.0
36.0	15.0	62.3	9 000*	27.7	69.0	9 400	41.3	74.9	8 000	51.7	78.1	6 800	36.0
38.0				19.1	64.4	8 900	35.8	72.4	7 500	47.2	76.4	6 300	38.0
40.0							29.5	69.3	7 100	42.3	74.4	5 900	40.0
42.0							21.5	65.1	6 700	37.0	72.0	5 500	42.0
44.0							8.1	57.5	6 300	30.8	69.0	5 200	44.0
46.0										23.3	65.1	4 800	46.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 155 On
Boom No. 84
44 680 kg Crane Counterweight
19 960 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speeds
(all boom lengths)
10 m/s Maximum Wind thru 33.5m Luffing Jib
7 m/s with 36.6m thru 48.8m Luffing Jib



**555
SERIES 2**

European
Standards

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

Jib Oper. Rad. m	88 Degree Boom Angle			85 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 Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
13.7	74.0	88.8	17 400*										13.7
14.0	73.5	88.7	17 300*										14.0
16.0	70.2	88.0	16 700*										16.0
18.0	66.8	87.2	15 900*										18.0
20.0	63.4	86.3	15 000*	68.0	87.4	16 100*							20.0
22.0	59.8	85.2	14 000*	64.6	86.5	15 000*							22.0
24.0	56.1	84.0	13 100*	61.1	85.5	14 100*							24.0
26.0	52.3	82.5	12 200*	57.5	84.3	13 100	65.5	86.1	11 300				26.0
28.0	48.2	80.9	11 500*	53.7	82.9	12 100	62.0	85.1	10 500				28.0
30.0	43.8	78.9	10 600*	49.7	81.3	11 200	58.3	83.9	9 700				30.0
32.0	39.1	76.7	9 900*	45.4	79.5	10 400	54.6	82.6	8 900	62.7	84.3	7 600	32.0
34.0	33.8	74.0	9 200*	40.8	77.3	9 700	50.6	81.1	8 300	59.1	83.2	7 000	34.0
36.0	27.7	70.6	8 600*	35.8	74.8	9 100	46.5	79.3	7 800	55.4	81.9	6 500	36.0
38.0	20.0	66.1	8 100*	30.0	71.7	8 500	42.0	77.3	7 200	51.5	80.4	6 000	38.0
40.0				23.0	67.7	8 000	37.0	74.8	6 800	47.3	78.7	5 600	40.0
42.0				12.8	61.5	7 600	31.5	71.9	6 400	42.9	76.7	5 200	42.0
44.0							24.8	68.2	6 000	38.1	74.4	4 900	44.0
46.0							15.8	62.8	5 700	32.7	71.6	4 600	46.0
48.0										26.3	68.0	4 300	48.0
50.0										18.0	63.1	4 000	50.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 155 On

Boom No. 84

44 680 kg Crane Counterweight

19 960 kg Carbody Counterweight

360 Degree Rating

Maximum Operating Wind Speeds
(all boom lengths)

10 m/s Maximum Wind thru 33.5m Luffing Jib

7 m/s with 36.6m thru 48.8m Luffing Jib

**555
SERIES 2**

European
Standards



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

Jib Oper. Rad. m	88 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
13.7	75.2	91.9	15 900*							13.7
14.0	74.8	91.9	15 800*							14.0
16.0	71.8	91.3	15 300*							16.0
18.0	68.7	90.5	14 800*							18.0
20.0	65.6	89.7	14 100*	69.8	90.6	15 000*				20.0
22.0	62.4	88.7	13 300*	66.7	89.8	14 600*				22.0
24.0	59.0	87.6	12 500*	63.5	88.9	13 600*				24.0
26.0	55.6	86.3	11 800*	60.2	87.8	12 700	67.5	89.4	11 000	26.0
28.0	52.0	84.8	11 000*	56.8	86.6	11 800	64.3	88.5	10 100	28.0
30.0	48.3	83.2	10 300*	53.3	85.2	10 900	61.0	87.5	9 400	30.0
32.0	44.3	81.3	9 600*	49.6	83.6	10 100	57.7	86.3	8 700	32.0
34.0	39.9	79.1	9 000*	45.7	81.8	9 500	54.2	84.9	8 100	34.0
36.0	35.2	76.4	8 400*	41.5	79.7	8 800	50.5	83.4	7 500	36.0
38.0	29.8	73.3	7 900*	36.9	77.2	8 300	46.7	81.6	7 000	38.0
40.0	23.3	69.3	7 400*	31.8	74.3	7 700	42.5	79.6	6 500	40.0
42.0	14.4	63.5	6 900*	25.8	70.7	7 300	38.1	77.2	6 100	42.0
44.0				18.1	65.7	6 900	33.1	74.5	5 700	44.0
46.0							27.3	71.0	5 400	46.0
48.0							20.2	66.5	5 100	48.0
50.0							8.4	58.6	4 800	50.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 155 On
Boom No. 84
44 680 kg Crane Counterweight
19 960 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speeds
(all boom lengths)
10 m/s Maximum Wind thru 33.5m Luffing Jib
7 m/s with 36.6m thru 48.8m Luffing Jib



**555
SERIES 2**

European
Standards

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

Jib Oper. Rad. m	88 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
15.2	74.6	94.8	13 900*							15.2
16.0	73.6	94.5	13 700*							16.0
18.0	70.7	93.9	13 400*							18.0
20.0	67.9	93.1	13 000*	71.7	94.0	13 200*				20.0
22.0	64.9	92.3	12 400*	68.9	93.2	13 000*				22.0
24.0	61.9	91.3	11 700*	66.0	92.4	12 800*				24.0
26.0	58.8	90.1	11 100*	63.0	91.5	12 100*				26.0
28.0	55.7	88.8	10 500*	60.0	90.4	11 400*	66.7	92.0	9 800	28.0
30.0	52.3	87.4	9 800*	56.8	89.1	10 600	63.7	91.1	9 000	30.0
32.0	48.9	85.7	9 200*	53.5	87.7	9 800	60.7	90.0	8 400	32.0
34.0	45.2	83.9	8 700*	50.1	86.2	9 100	57.6	88.8	7 800	34.0
36.0	41.3	81.8	8 100*	46.5	84.4	8 600	54.3	87.5	7 200	36.0
38.0	37.0	79.3	7 600*	42.7	82.4	8 000	50.9	85.9	6 700	38.0
40.0	32.3	76.4	7 200*	38.6	80.0	7 500	47.4	84.2	6 300	40.0
42.0	26.8	72.9	6 800*	34.0	77.3	7 000	43.6	82.3	5 900	42.0
44.0	20.1	68.3	6 400*	28.9	74.0	6 600	39.6	80.0	5 500	44.0
46.0				22.7	69.9	6 300	35.2	77.4	5 100	46.0
48.0				14.2	63.9	5 900	30.2	74.3	4 800	48.0
50.0							24.3	70.4	4 500	50.0
52.0							16.6	65.0	4 200	52.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 155 On
Boom No. 84
44 680 kg Crane Counterweight
19 960 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speeds
(all boom lengths)
10 m/s Maximum Wind thru 33.5m Luffing Jib
7 m/s with 36.6m thru 48.8m Luffing Jib

**555
SERIES 2**

European
Standards

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

Jib Oper. Rad. m	88 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
15.2	75.7	97.9	12 500*							15.2
16.0	74.7	97.7	12 400*							16.0
18.0	72.1	97.1	12 100*							18.0
20.0	69.4	96.4	11 900*							20.0
22.0	66.7	95.6	11 600*	70.4	96.5	11 700*				22.0
24.0	64.0	94.7	11 000*	67.7	95.7	11 500*				24.0
26.0	61.1	93.7	10 500*	64.9	94.8	11 300*				26.0
28.0	58.2	92.5	10 000*	62.1	93.8	11 100*				28.0
30.0	55.2	91.2	9 400*	59.3	92.7	10 400*	65.6	94.5	8 900	30.0
32.0	52.1	89.7	8 900*	56.3	91.5	9 700	62.8	93.5	8 200	32.0
34.0	48.9	88.1	8 400*	53.2	90.1	9 000	60.0	92.4	7 600	34.0
36.0	45.4	86.2	7 900*	50.0	88.5	8 400	57.0	91.2	7 100	36.0
38.0	41.8	84.1	7 400*	46.7	86.7	7 900	54.0	89.8	6 600	38.0
40.0	37.9	81.7	7 000*	43.1	84.7	7 300	50.8	88.3	6 100	40.0
42.0	33.6	78.9	6 600*	39.3	82.4	6 900	47.5	86.5	5 700	42.0
44.0	28.8	75.6	6 200*	35.2	79.8	6 500	44.0	84.6	5 300	44.0
46.0	23.0	71.5	5 900*	30.6	76.7	6 100	40.3	82.4	5 000	46.0
48.0	15.4	65.8	5 600*	25.2	72.9	5 800	36.2	79.8	4 700	48.0
50.0				18.5	67.9	5 400	31.7	76.9	4 400	50.0
52.0							26.6	73.3	4 100	52.0
54.0							20.3	68.7	3 900	54.0
56.0							10.9	61.5	3 700	56.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 155 On
Boom No. 84
44 680 kg Crane Counterweight
19 960 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speeds
(all boom lengths)
10 m/s Maximum Wind thru 33.5m Luffing Jib
7 m/s with 36.6m thru 48.8m Luffing Jib



**555
SERIES 2**

European
Standards

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

Jib Oper. Rad. m	88 Degree Boom Angle			85 Degree Boom Angle		
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms
16.8	74.7	100.7	11 000*			
18.0	73.2	100.3	10 900*			
20.0	70.8	99.7	10 600*			
22.0	68.2	98.9	10 400*	71.6	99.7	10 400*
24.0	65.7	98.1	10 200*	69.1	99.0	10 300*
26.0	63.1	97.1	9 800*	66.6	98.2	10 100*
28.0	60.4	96.0	9 300*	64.0	97.3	9 900*
30.0	57.7	94.8	8 800*	61.4	96.2	9 600*
32.0	54.9	93.5	8 200*	58.7	95.1	9 000*
34.0	51.9	92.0	7 700*	55.9	93.8	8 500*
36.0	48.9	90.3	7 200*	53.0	92.4	8 000*
38.0	45.7	88.5	6 700*	50.0	90.8	7 400*
40.0	42.3	86.4	6 300*	46.8	89.0	6 900*
42.0	38.7	84.1	5 900*	43.5	87.0	6 500*
44.0	34.7	81.4	5 500*	40.0	84.8	6 000*
46.0	30.4	78.3	5 100*	36.2	82.2	5 600*
48.0	25.3	74.5	4 800*	32.0	79.3	5 300*
50.0	19.1	69.6	4 500*	27.2	75.7	4 900*
52.0				21.5	71.3	4 600*
54.0				13.8	65.0	4 300*