

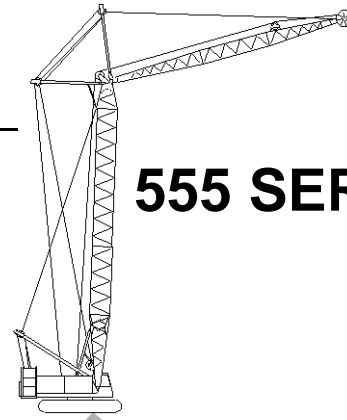


# Liftcrane Luffing Jib Capacities

## 555 SERIES 2

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

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



**LIFTING CAPACITIES:** Lifting capacities for various boom lengths, boom angles, luffing jib lengths, and luffing jib operating radii are for freely suspended loads and do not exceed 75% of a static tipping load. Capacities based on structural competence are denoted by an asterisk (\*). Capacities indicated by (b) require 1 180 kg minimum block weight.

Weight of fixed jib, all load blocks, hooks, weight ball, slings, hoist lines, etc., beneath luffing jib, intermediate fall or fixed 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. 8523-A and Luffing Jib Raising Procedure chart No. 8524-A. Crane operator judgment must be used to allow for dynamic load effects of swinging, hoisting or lowering, travel, wind conditions, as well as adverse operating conditions and physical machine depreciation. Refer to operators manual for operating guidelines.

**MACHINE TRAVEL:** Machine to travel on a firm, level and uniformly supporting surface with boom and luffing jib within angle range shown in capacity chart. Refer to Maximum Allowable Travel Specification chart No. 8525-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

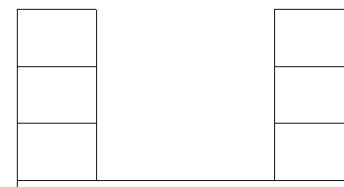
between horizontal and centerline of luffing jib butt and inserts, and is an indication of operating radius. In all cases, operating radius shall govern capacity.

**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. A01066<sup>1</sup> 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.

<sup>1</sup>**WARNING:** 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.

Consult chart No. 8522-AM for intermediate fall capacities. Consult chart No. 8530-AM for fixed jib on luffing jib capacities. Chart No. 8522-AM cannot be used when fixed jib No. 138A is attached to luffing jib No. 155.



44 680 kg Crane Counterweight  
6 Side Boxes

**Intermediate Fall Deduct**  
Deduct 680 kg From Capacities  
When Luffing Jib Is Equipped  
With Intermediate Fall.

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

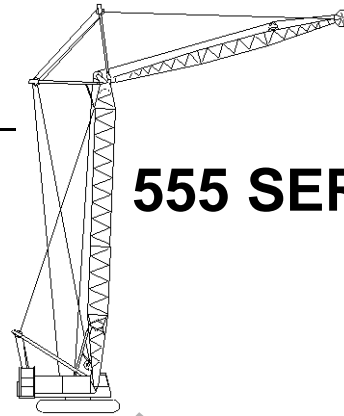


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### 18.3m (60 Ft.) Boom, 18.3m (60 Ft.) Luffing Jib

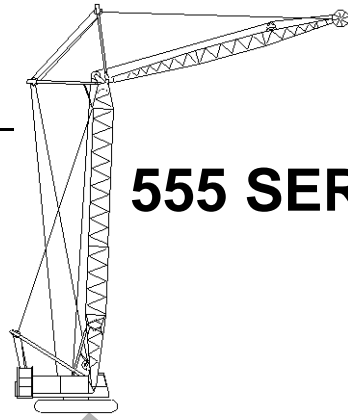
Jib Oper. Rad. m	88 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib 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	34 700b	60.5	35.7	33 700b	58.8	35.1	27 700b							14.0
16.0	42.2	32.4	28 400*	46.5	33.3	29 100	53.0	34.4	28 400	51.2	33.7	23 800							16.0
18.0	31.8	29.7	23 700*	37.0	31.0	25 100	44.6	32.7	24 500	42.6	31.8	20 800							18.0
20.0				24.8	27.7	21 100*	34.8	30.2	21 400	42.6	31.8	20 800	49.2	32.8	20 300				20.0
22.0							21.5	26.5	18 700	32.3	29.2	18 500	40.3	30.7	18 000	46.9	31.7	17 500	22.0
24.0										17.3	24.9	16 500	29.3	27.9	16 100	37.6	29.5	15 600	24.0
26.0													25.6	26.2	14 100	25.6	26.2	14 100	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 700b	65.0	39.1	33 700b										14.0
16.0	50.6	36.6	28 500*	53.8	37.3	29 100	58.9	38.1	28 300										16.0
18.0	43.2	34.7	24 500*	46.8	35.6	25 100	52.4	36.7	24 400	57.5	37.4	23 700							18.0
20.0	34.7	32.2	21 300*	38.9	33.4	22 000	45.3	35.0	21 400	50.9	36.0	20 700	55.9	36.6	20 200				20.0
22.0	23.6	28.6	16 600*	29.4	30.5	19 100*	37.1	32.7	18 900	43.5	34.1	18 400	49.2	35.1	17 900				22.0
24.0				15.1	25.6	14 300*	27.0	29.5	17 000	35.1	31.7	16 500	41.6	33.1	16 000	47.2	34.0	15 600	24.0
26.0										24.2	28.2	14 900	32.7	30.5	14 400	39.4	31.8	14 000	26.0
28.0													20.8	26.5	13 100	30.0	29.0	12 700	28.0
30.0																16.2	24.2	11 600	30.0



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

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### 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	29 100	63.1	41.5	28 300										16.0
18.0	50.4	38.9	24 400*	53.2	39.6	24 900	57.7	40.4	24 200										18.0
20.0	44.0	37.0	21 400*	47.1	37.9	21 900	52.0	39.0	21 200	56.5	39.8	20 600							20.0
22.0	36.7	34.7	18 900*	40.3	35.8	19 400	45.7	37.3	18 800	50.6	38.3	18 200	55.1	38.9	17 700				22.0
24.0	27.9	31.5	15 900*	32.4	33.1	17 300*	38.7	35.1	16 800	44.3	36.5	16 300	49.1	37.4	15 800				24.0
26.0				22.1	29.2	14 300*	30.5	32.2	15 200	37.0	34.1	14 800	42.6	35.4	14 300	47.5	36.3	13 900	26.0
28.0							19.3	27.9	13 500	28.3	31.0	13 400	35.1	33.0	13 000	40.7	34.2	12 600	28.0
30.0										15.8	26.1	12 200	25.8	29.5	11 900	32.8	31.5	11 500	30.0
32.0													10.8	23.5	10 900	22.8	27.7	10 500	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	29 200													16.0
18.0	55.5	42.7	24 500*	57.9	43.3	24 800	61.7	44.0	24 200										18.0
20.0	50.2	41.2	21 400*	52.8	41.9	21 800	56.8	42.8	21 100	60.6	43.3	20 500							20.0
22.0	44.5	39.3	18 900*	47.3	40.2	19 300	51.7	41.3	18 700	55.7	42.1	18 100							22.0
24.0	38.2	37.1	16 900*	41.3	38.2	17 300	46.1	39.6	16 700	50.5	40.6	16 200	54.4	41.2	15 700				24.0
26.0	30.9	34.2	15 100*	34.5	35.6	15 600	40.0	37.4	15 100	44.8	38.8	14 700	49.1	39.7	14 200				26.0
28.0	21.3	30.1	11 600*	26.3	32.2	13 800*	33.0	34.7	13 700	38.5	36.5	13 300	43.3	37.8	12 900	47.6	38.6	12 500	28.0
30.0				14.2	26.8	10 200*	24.2	31.0	12 500	31.2	33.6	12 200	36.9	35.4	11 800	41.7	36.5	11 400	30.0
32.0							10.0	24.5	10 200	21.8	29.6	11 200	29.2	32.3	10 800	34.9	34.0	10 400	32.0
34.0													18.9	27.8	10 000	26.8	30.7	9 600	34.0
36.0																15.1	25.4	8 900	36.0

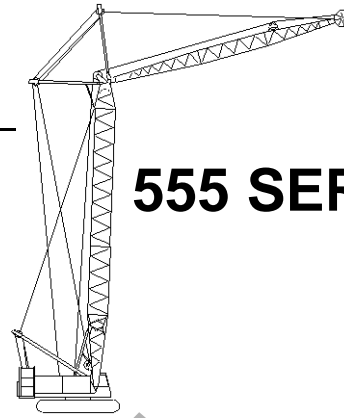


# Liftcrane Luffing Jib Capacities

## 555 SERIES 2

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

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### 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	24 500	64.7	47.4	24 000										18.0
20.0	54.8	45.0	21 800*	57.0	45.6	21 600	60.5	46.3	21 000										20.0
22.0	50.1	43.5	19 200*	52.4	44.2	19 200	56.1	45.1	18 600	59.5	45.7	18 000							22.0
24.0	45.0	41.7	17 100*	47.5	42.5	17 200	51.4	43.6	16 600	55.0	44.4	16 100							24.0
26.0	39.4	39.5	15 400*	42.2	40.5	15 500	46.4	41.9	15 000	50.3	42.9	14 500	53.9	43.6	14 000				26.0
28.0	33.0	36.7	13 800*	36.2	38.0	14 100	41.0	39.8	13 600	45.2	41.1	13 200	49.1	42.0	12 700				28.0
30.0	25.3	33.2	11 400*	29.2	34.9	12 900	34.8	37.2	12 400	39.7	38.9	12 000	43.9	40.1	11 600	47.8	40.9	11 200	30.0
32.0	14.2	27.6	8 500*	20.3	30.6	10 400	27.6	33.9	11 400	33.3	36.2	11 000	38.2	37.8	10 700	42.5	38.9	10 300	32.0
34.0							17.8	29.1	10 200	25.7	32.7	10 200	31.6	34.9	9 800	36.5	36.4	9 500	34.0
36.0										14.8	27.2	9 400	23.5	31.1	9 100	29.7	33.4	8 700	36.0
38.0													10.7	24.6	8 400	20.8	29.1	8 100	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	20 900										20.0
22.0	54.3	47.3	19 400*	56.3	47.9	19 100	59.5	48.7	18 500										22.0
24.0	50.0	45.8	17 100*	52.1	46.5	17 100	55.4	47.4	16 600	58.6	48.0	16 100							24.0
26.0	45.4	44.0	15 400*	47.6	44.8	15 400	51.2	45.9	15 000	54.5	46.7	14 500	57.6	47.2	14 000				26.0
28.0	40.4	41.8	14 000*	42.8	42.8	14 000	46.6	44.2	13 600	50.2	45.2	13 100	53.5	45.9	12 700				28.0
30.0	34.7	39.2	12 700*	37.5	40.5	12 800	41.7	42.1	12 400	45.6	43.4	12 000	49.1	44.3	11 600				30.0
32.0	28.2	36.0	10 900*	31.5	37.5	11 800	36.3	39.7	11 400	40.6	41.2	11 000	44.4	42.4	10 600	47.9	43.2	10 200	32.0
34.0	19.8	31.5	8 600*	24.1	33.7	10 300*	30.1	36.6	10 500	35.0	38.7	10 100	39.3	40.2	9 800	43.1	41.2	9 400	34.0
36.0				13.5	27.9	7 700*	22.3	32.5	9 700	28.5	35.4	9 400	33.5	37.4	9 000	37.8	38.8	8 700	36.0
38.0							10.0	25.6	7 800	20.2	31.0	8 700	26.7	34.0	8 400	31.8	36.0	8 100	38.0
40.0													17.6	29.1	7 800	24.6	32.2	7 500	40.0
42.0																14.3	26.6	7 000	42.0

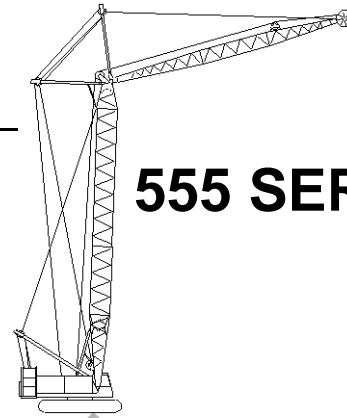


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44 680 kg Crane Counterweight  
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## 18.3m (60 Ft.) Boom, 36.6m (120 Ft.) Luffing Jib

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	20 800										20.0
22.0	57.7	51.0	18 300*	59.4	51.5	18 800	62.3	52.2	18 400										22.0
24.0	53.9	49.7	17 100*	55.7	50.3	17 000	58.7	51.0	16 400										24.0
26.0	49.9	48.1	15 300*	51.8	48.8	15 300	54.9	49.7	14 800	57.8	50.4	14 300							26.0
28.0	45.7	46.3	13 900*	47.7	47.1	13 900	51.0	48.2	13 500	54.1	49.0	13 000	56.9	49.6	12 500				28.0
30.0	41.1	44.2	12 700*	43.4	45.1	12 700	46.8	46.5	12 300	50.1	47.5	11 900	53.1	48.2	11 400				30.0
32.0	36.1	41.7	11 600*	38.6	42.8	11 700	42.4	44.5	11 300	45.9	45.7	10 900	49.1	46.6	10 500	52.1	47.1	10 100	32.0
34.0	30.4	38.6	10 500*	33.2	40.1	10 800	37.5	42.1	10 400	41.3	43.6	10 000	44.8	44.7	9 700	48.0	45.5	9 300	34.0
36.0	23.5	34.7	8 400*	27.0	36.6	9 700	32.0	39.2	9 600	36.3	41.1	9 300	40.2	42.5	8 900	43.6	43.5	8 600	36.0
38.0	13.6	28.7	6 300*	18.9	31.9	7 800*	25.5	35.5	8 900	30.7	38.1	8 600	35.0	39.9	8 200	38.8	41.2	7 900	38.0
40.0							16.8	30.4	8 100	23.8	34.2	8 000	29.1	36.7	7 600	33.5	38.5	7 400	40.0
42.0										14.2	28.4	7 400	21.8	32.5	7 100	27.4	35.1	6 800	42.0
44.0													10.6	25.7	6 600	19.5	30.5	6 400	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	18 300										22.0
24.0	57.1	53.4	16 000*	58.7	53.9	16 500*	61.3	54.6	16 400										24.0
26.0	53.5	52.0	15 000*	55.2	52.6	15 200	58.0	53.4	14 700	60.6	53.9	14 200							26.0
28.0	49.8	50.4	13 900*	51.6	51.1	13 800	54.5	52.0	13 300	57.2	52.7	12 900							28.0
30.0	45.9	48.6	12 700*	47.8	49.4	12 600	50.8	50.5	12 200	53.7	51.4	11 700							30.0
32.0	41.8	46.5	11 600*	43.8	47.5	11 600	47.0	48.8	11 200	50.0	49.8	10 700	52.8	50.5	10 300				32.0
34.0	37.2	44.1	10 700*	39.5	45.2	10 700	42.9	46.8	10 300	46.1	48.0	9 900	49.1	48.9	9 500	51.8	49.5	9 200	34.0
36.0	32.1	41.2	9 600*	34.7	42.6	9 800	38.5	44.5	9 500	42.0	45.9	9 100	45.1	47.0	8 800	48.1	47.8	8 500	36.0
38.0	26.2	37.6	8 100*	29.2	39.3	9 100	33.6	41.7	8 800	37.4	43.5	8 500	40.9	44.9	8 100	44.0	45.8	7 800	38.0
40.0	18.6	32.8	6 400*	22.5	35.2	7 600*	27.9	38.3	8 200	32.4	40.7	7 900	36.3	42.4	7 600	39.7	43.6	7 200	40.0
42.0				13.1	29.0	5 700*	20.9	33.9	7 500	26.5	37.1	7 300	31.0	39.4	7 000	34.9	41.0	6 700	42.0
44.0							10.0	26.7	5 900*	19.0	32.3	6 800	24.9	35.6	6 500	29.5	37.8	6 300	44.0
46.0													16.7	30.3	6 100	23.0	33.7	5 800	46.0
48.0																13.8	27.7	5 400	48.0

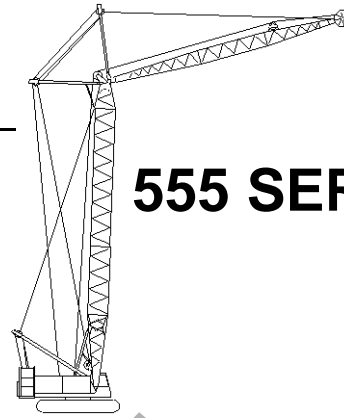


# Liftcrane Luffing Jib Capacities

## 555 SERIES 2

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

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



### 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	14 600	62.9	57.4	14 000							26.0
28.0	53.2	54.3	12 800*	54.8	54.9	13 200*	57.4	55.7	13 200	59.8	56.3	12 700							28.0
30.0	49.8	52.7	12 000*	51.4	53.4	12 400*	54.1	54.4	12 000	56.6	55.1	11 600							30.0
32.0	46.2	50.9	11 200*	47.9	51.7	11 400	50.7	52.8	11 000	53.4	53.7	10 600	55.8	54.2	10 200				32.0
34.0	42.3	48.8	10 500*	44.2	49.8	10 500	47.2	51.1	10 100	49.9	52.1	9 700	52.5	52.8	9 400				34.0
36.0	38.2	46.5	9 700*	40.2	47.6	9 700	43.4	49.1	9 400	46.3	50.3	9 000	49.1	51.2	8 600				36.0
38.0	33.6	43.7	9 000*	35.8	45.0	9 000	39.3	46.8	8 600	42.5	48.3	8 300	45.4	49.3	8 000	48.1	50.1	7 600	38.0
40.0	28.4	40.4	7 700*	31.0	42.0	8 300	34.9	44.2	8 000	38.3	45.9	7 700	41.5	47.2	7 400	44.4	48.2	7 100	40.0
42.0	22.1	36.1	6 200*	25.2	38.2	7 400*	29.8	41.0	7 500	33.8	43.2	7 200	37.3	44.8	6 900	40.4	46.0	6 600	42.0
44.0	13.2	29.8	4 700*	17.9	33.2	5 800*	23.9	37.1	7 000	28.6	39.9	6 700	32.6	41.9	6 400	36.1	43.4	6 100	44.0
46.0							16.0	31.6	6 100*	22.4	35.7	6 200	27.2	38.4	6 000	31.2	40.4	5 700	46.0
48.0										13.7	29.5	5 700	20.6	33.9	5 600	25.6	36.7	5 300	48.0
50.0													10.5	26.7	5 200	18.4	31.8	4 900	50.0



# Liftcrane Luffing Jib Capacities



## 555 SERIES 2

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

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

### 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	12 700							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	11 500							30.0
32.0	49.7	55.0	10 200*	51.3	55.7	10 500*	53.8	56.7	11 000	56.2	57.4	10 600							32.0
34.0	46.4	53.2	9 500*	48.0	54.0	9 800*	50.6	55.1	10 100	53.1	56.0	9 700	55.4	56.6	9 300				34.0
36.0	42.8	51.2	8 800*	44.5	52.1	9 200*	47.3	53.4	9 300	49.9	54.4	9 000	52.3	55.1	8 600				36.0
38.0	39.0	48.9	8 300*	40.8	49.9	8 600*	43.8	51.4	8 600	46.5	52.6	8 300	49.1	53.5	7 900				38.0
40.0	34.8	46.2	7 700*	36.8	47.4	8 000*	40.0	49.2	8 000	42.9	50.6	7 700	45.7	51.6	7 400	48.2	52.4	7 100	40.0
42.0	30.1	43.0	7 200*	32.4	44.5	7 500*	35.9	46.6	7 400	39.1	48.3	7 100	42.0	49.5	6 800	44.7	50.5	6 500	42.0
44.0	24.7	39.2	6 000*	27.4	41.1	7 000*	31.4	43.6	6 900	35.0	45.6	6 700	38.2	47.2	6 300	41.0	48.3	6 100	44.0
46.0	17.7	34.0	4 700*	21.3	36.6	5 700*	26.2	40.0	6 500	30.3	42.5	6 200	33.9	44.4	5 900	37.1	45.8	5 700	46.0
48.0				12.7	30.1	4 300*	19.8	35.3	5 900	24.9	38.7	5 800	29.1	41.2	5 500	32.7	43.0	5 300	48.0
50.0							10.1	27.8	4 500*	18.1	33.6	5 400	23.4	37.1	5 200	27.7	39.5	4 900	50.0
52.0													16.0	31.5	4 800	21.7	35.2	4 600	52.0
54.0																13.3	28.8	4 300	54.0

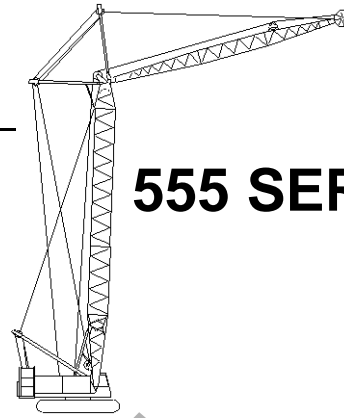


# Liftcrane Luffing Jib Capacities

## 555 SERIES 2

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

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



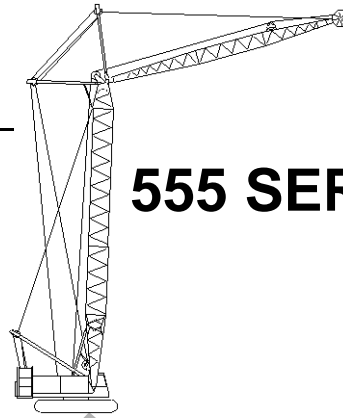
### 18.3m (60 Ft.) Boom, 48.8m (160 Ft.) Luffing Jib

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	7 200	51.8	56.6	6 900	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	6 700	48.7	54.9	6 400	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	6 200	45.5	53.1	5 900	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	5 800	42.1	51.0	5 500	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	5 400	38.5	48.6	5 200	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	5 000	34.5	45.9	4 800	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	4 500	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	4 100	18.7	34.0	3 900	56.0





# Liftcrane Luffing Jib Capacities



## 555 SERIES 2

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

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

### 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	34 600b	62.3	39.0	33 500b										14.0
16.0	42.7	35.5	28 100*	47.6	36.6	29 100	55.0	37.8	28 200b										16.0
18.0	32.4	33.0	24 900*	38.4	34.4	25 100	46.9	36.2	24 300	54.3	37.2	23 500b							18.0
20.0				26.8	31.3	21 800	37.6	34.0	21 300	46.1	35.6	20 600	53.4	36.5	19 900b				20.0
22.0							25.6	30.7	18 900	36.6	33.3	18 200	45.1	34.7	17 600				22.0
24.0										24.2	29.9	16 300	35.4	32.4	15 800	43.8	33.7	15 200	24.0
26.0																33.8	31.2	13 800	26.0
28.0																19.9	27.3	12 500	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 600b	66.6	42.4	33 400b										14.0
16.0	50.9	39.7	28 100*	54.7	40.5	29 000	60.6	41.4	28 100b										16.0
18.0	43.6	37.9	25 100*	47.8	38.9	25 000	54.2	40.1	24 200										18.0
20.0	35.2	35.4	22 300	40.1	36.8	21 900	47.2	38.5	21 200	53.5	39.5	20 500							20.0
22.0	24.3	31.9	17 900*	30.8	34.0	19 500	39.4	36.3	18 800	46.5	37.9	18 200	52.8	38.8	17 600				22.0
24.0				17.7	29.5	15 800	29.9	33.5	16 800	38.6	35.7	16 300	45.7	37.0	15 700				24.0
26.0										28.9	32.7	14 700	37.6	34.8	14 200	44.6	36.0	13 700	26.0
28.0													27.6	31.7	12 900	36.3	33.7	12 400	28.0
30.0																25.9	30.4	11 300	30.0
32.0																6.5	23.5	10 400	32.0

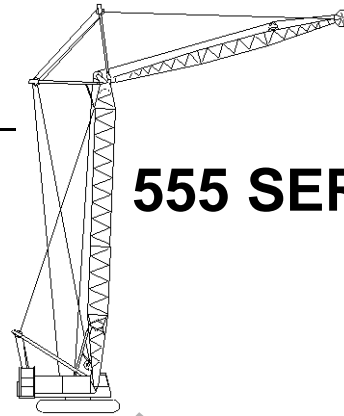


# Liftcrane Luffing Jib Capacities

## 555 SERIES 2

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

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



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

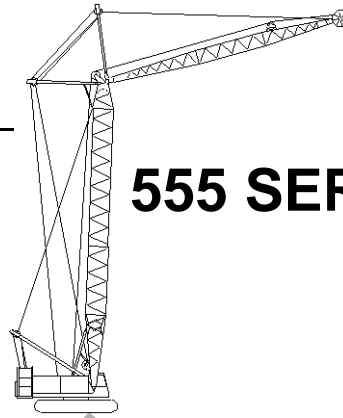
Jib Oper. Rad. m	88 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib 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	34 300b													14.0
16.0	56.5	43.5	28 300*	59.6	44.1	28 900	64.5	44.8	28 100b										16.0
18.0	50.7	42.0	25 100*	54.0	42.8	24 900	59.2	43.7	24 100										18.0
20.0	44.3	40.2	22 300	48.0	41.2	21 800	53.5	42.4	21 100	58.7	43.2	20 300							20.0
22.0	37.1	37.9	19 700	41.3	39.2	19 300	47.5	40.8	18 700	53.0	41.8	18 000							22.0
24.0	28.4	34.8	16 900	33.5	36.5	17 300	40.7	38.7	16 700	46.9	40.2	16 100	52.3	41.1	15 600				24.0
26.0				23.7	32.9	15 500	32.8	36.0	15 100	40.0	38.0	14 500	46.1	39.4	14 000	51.4	40.1	13 500	26.0
28.0							22.7	32.2	13 700	32.0	35.3	13 200	39.2	37.2	12 700	45.1	38.3	12 200	28.0
30.0										21.6	31.3	12 100	31.0	34.3	11 600	38.1	36.1	11 200	30.0
32.0													20.0	30.1	10 700	29.6	33.1	10 200	32.0
34.0																17.9	28.6	9 400	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*	63.8	47.6	29 100													16.0
18.0	55.7	45.8	25 200	58.5	46.5	24 800	62.9	47.2	24 000										18.0
20.0	50.5	44.3	22 200	53.5	45.1	21 700	58.1	46.1	21 000	62.5	46.7	20 200							20.0
22.0	44.9	42.5	19 700	48.1	43.5	19 200	53.1	44.7	18 600	57.7	45.5	17 900							22.0
24.0	38.6	40.3	17 600	42.2	41.5	17 200	47.6	43.1	16 600	52.6	44.2	16 000							24.0
26.0	31.3	37.4	15 800	35.5	39.0	15 600	41.7	41.0	15 000	47.1	42.5	14 400	51.9	43.4	13 900				26.0
28.0	21.9	33.4	12 500*	27.5	35.7	14 100	34.9	38.5	13 600	41.1	40.4	13 100	46.4	41.7	12 600	51.2	42.4	12 100	28.0
30.0				16.3	30.8	11 500*	26.8	35.2	12 500	34.2	37.8	12 000	40.3	39.5	11 500	45.6	40.7	11 100	30.0
32.0							15.1	29.9	11 400	25.9	34.4	11 000	33.4	36.9	10 600	39.4	38.5	10 200	32.0
34.0													24.8	33.3	9 700	32.3	35.7	9 300	34.0
36.0																23.3	31.9	8 600	36.0
38.0																7.5	24.6	8 000	38.0



# Liftcrane Luffing Jib Capacities



## 555 SERIES 2

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

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

### 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	24 500													18.0
20.0	55.1	48.2	22 100	57.6	48.8	21 600	61.6	49.6	20 800										20.0
22.0	50.4	46.6	19 500	53.0	47.4	19 100	57.3	48.4	18 400	61.2	49.1	17 800							22.0
24.0	45.3	44.8	17 500	48.2	45.8	17 100	52.7	47.0	16 500	56.8	47.9	15 900							24.0
26.0	39.7	42.6	15 800	42.9	43.8	15 400	47.8	45.4	14 900	52.2	46.5	14 300	56.3	47.2	13 700				26.0
28.0	33.4	39.9	14 300	37.0	41.4	14 000	42.5	43.4	13 500	47.3	44.8	13 000	51.7	45.7	12 400				28.0
30.0	25.8	36.4	12 300*	30.2	38.4	12 800	36.5	41.0	12 300	41.9	42.7	11 900	46.7	44.0	11 400				30.0
32.0	15.0	31.0	9 100*	21.6	34.3	11 400	29.7	37.9	11 300	35.9	40.3	10 900	41.3	41.9	10 400	45.9	43.0	10 000	32.0
34.0							20.8	33.6	10 400	28.9	37.1	10 000	35.2	39.4	9 600	40.4	40.8	9 200	34.0
36.0										19.8	32.7	9 200	28.0	36.1	8 900	34.2	38.2	8 500	36.0
38.0													18.5	31.5	8 200	26.8	34.8	7 900	38.0
40.0																16.7	29.8	7 300	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	21 600	64.4	53.0	20 700										20.0
22.0	54.6	50.5	19 600	56.9	51.1	19 100	60.5	52.0	18 400										22.0
24.0	50.2	48.9	17 500	52.7	49.7	17 100	56.5	50.8	16 400	60.2	51.5	15 800							24.0
26.0	45.6	47.1	15 800	48.2	48.1	15 400	52.3	49.3	14 900	56.1	50.2	14 300							26.0
28.0	40.6	45.0	14 400	43.5	46.1	14 000	47.9	47.7	13 500	51.9	48.8	12 900	55.7	49.5	12 400				28.0
30.0	35.1	42.4	13 100	38.2	43.8	12 800	43.1	45.7	12 300	47.4	47.1	11 800	51.4	48.0	11 300				30.0
32.0	28.6	39.2	11 700	32.3	41.0	11 700	37.8	43.4	11 300	42.6	45.1	10 800	46.9	46.3	10 400	50.8	47.0	9 900	32.0
34.0	20.3	34.8	9 300*	25.2	37.4	10 800	31.8	40.5	10 400	37.3	42.7	10 000	42.0	44.2	9 600	46.2	45.3	9 200	34.0
36.0				15.4	32.0	8 600*	24.6	36.7	9 600	31.2	39.7	9 200	36.6	41.8	8 800	41.3	43.2	8 500	36.0
38.0							14.3	31.1	8 900	23.8	35.9	8 600	30.4	38.8	8 200	35.8	40.7	7 800	38.0
40.0													22.8	34.8	7 600	29.4	37.5	7 300	40.0
42.0																21.5	33.3	6 800	42.0
44.0																8.0	25.7	6 300	44.0

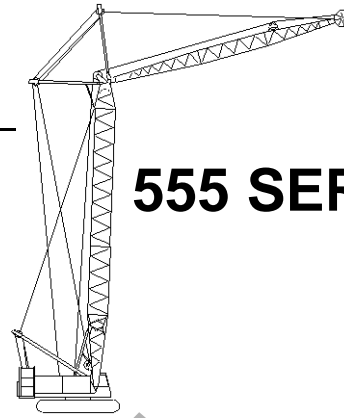


# Liftcrane Luffing Jib Capacities

## 555 SERIES 2

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

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



### 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	18 900	63.2	55.5	18 200										22.0
24.0	54.1	52.8	17 200	56.2	53.5	17 000	59.6	54.4	16 300										24.0
26.0	50.1	51.2	15 700	52.4	52.0	15 300	55.9	53.1	14 700	59.3	53.8	14 100							26.0
28.0	45.9	49.4	14 200	48.3	50.4	13 900	52.1	51.7	13 300	55.6	52.5	12 800							28.0
30.0	41.4	47.3	13 000	44.0	48.5	12 700	48.0	50.0	12 200	51.7	51.1	11 700	55.1	51.8	11 200				30.0
32.0	36.4	44.8	11 900	39.2	46.2	11 700	43.6	48.0	11 200	47.6	49.4	10 700	51.2	50.3	10 200				32.0
34.0	30.7	41.8	10 900	34.0	43.5	10 700	38.8	45.7	10 300	43.2	47.4	9 800	47.1	48.6	9 400	50.6	49.3	9 000	34.0
36.0	23.9	38.0	9 100*	27.9	40.2	9 900	33.5	43.0	9 500	38.4	45.1	9 100	42.6	46.6	8 700	46.5	47.6	8 300	36.0
38.0	14.3	32.2	6 900*	20.2	35.7	8 600	27.3	39.6	8 800	33.0	42.3	8 400	37.8	44.2	8 100	42.0	45.5	7 700	38.0
40.0							19.5	35.0	8 200	26.7	38.8	7 800	32.3	41.3	7 500	37.0	43.1	7 100	40.0
42.0										18.5	34.0	7 300	25.9	37.8	7 000	31.5	40.2	6 600	42.0
44.0													17.4	32.7	6 500	24.8	36.4	6 200	44.0
46.0																15.8	31.0	5 700	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	18 200										22.0
24.0	57.2	56.5	16 000*	59.1	57.1	16 600*	62.2	57.8	16 200										24.0
26.0	53.7	55.1	15 100*	55.7	55.8	15 200	58.9	56.7	14 600	61.9	57.3	14 000							26.0
28.0	50.0	53.5	14 100	52.1	54.3	13 800	55.4	55.4	13 200	58.5	56.2	12 700							28.0
30.0	46.2	51.7	12 900	48.4	52.7	12 600	51.8	54.0	12 100	55.1	54.9	11 500							30.0
32.0	42.0	49.7	11 800	44.4	50.8	11 500	48.0	52.3	11 100	51.5	53.4	10 600	54.7	54.1	10 100				32.0
34.0	37.5	47.3	10 900	40.1	48.6	10 600	44.0	50.3	10 200	47.7	51.7	9 700	51.1	52.6	9 300				34.0
36.0	32.4	44.4	10 100	35.3	46.0	9 800	39.7	48.1	9 400	43.6	49.7	9 000	47.2	50.9	8 600	50.5	51.6	8 200	36.0
38.0	26.6	40.9	8 700	30.0	42.9	9 100	34.9	45.5	8 700	39.3	47.5	8 300	43.1	48.9	7 900	46.7	49.9	7 600	38.0
40.0	19.1	36.1	6 900*	23.5	38.9	8 300	29.5	42.3	8 100	34.4	44.8	7 700	38.7	46.6	7 400	42.5	47.8	7 000	40.0
42.0				14.7	33.1	6 400*	22.9	38.2	7 500	28.9	41.5	7 200	33.8	43.9	6 800	38.1	45.5	6 500	42.0
44.0							13.8	32.2	6 800	22.2	37.4	6 700	28.2	40.5	6 400	33.1	42.7	6 100	44.0
46.0													21.3	36.2	5 900	27.3	39.2	5 700	46.0
48.0																20.2	34.7	5 300	48.0
50.0																8.4	26.9	4 900	50.0



# Liftcrane Luffing Jib Capacities



## 555 SERIES 2

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

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

### 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	15 900										24.0
26.0	56.7	58.8	13 700*	58.4	59.4	14 200*	61.3	60.2	14 400										26.0
28.0	53.4	57.4	12 800*	55.2	58.1	13 300*	58.2	59.1	13 100	61.0	59.7	12 500							28.0
30.0	50.0	55.8	12 000*	51.9	56.7	12 400	55.0	57.7	11 900	57.9	58.5	11 400							30.0
32.0	46.4	54.0	11 300*	48.4	55.0	11 400	51.6	56.3	10 900	54.7	57.2	10 400	57.5	57.8	9 900				32.0
34.0	42.5	52.0	10 600*	44.7	53.1	10 500	48.1	54.6	10 000	51.3	55.7	9 600	54.3	56.4	9 100				34.0
36.0	38.4	49.7	9 900	40.7	50.9	9 700	44.4	52.7	9 300	47.8	54.0	8 800	50.9	54.9	8 400				36.0
38.0	33.8	46.9	9 200	36.4	48.4	9 000	40.4	50.5	8 600	44.0	52.0	8 200	47.4	53.2	7 800	50.4	53.9	7 400	38.0
40.0	28.7	43.6	8 300*	31.6	45.5	8 400	36.1	47.9	8 000	40.0	49.8	7 600	43.6	51.2	7 200	46.8	52.2	6 800	40.0
42.0	22.4	39.4	6 700*	26.1	41.8	7 700	31.2	44.9	7 400	35.6	47.2	7 000	39.5	49.0	6 700	43.0	50.2	6 300	42.0
44.0	13.8	33.3	5 100*	19.1	37.0	6 500*	25.6	41.2	6 900	30.7	44.2	6 600	35.1	46.3	6 200	38.9	47.9	5 900	44.0
46.0							18.4	36.3	6 400	25.0	40.4	6 100	30.1	43.2	5 800	34.4	45.2	5 500	46.0
48.0										17.6	35.3	5 700	24.2	39.3	5 400	29.3	42.0	5 100	48.0
50.0													16.5	33.9	5 000	23.3	37.9	4 800	50.0
52.0																15.1	32.2	4 500	52.0

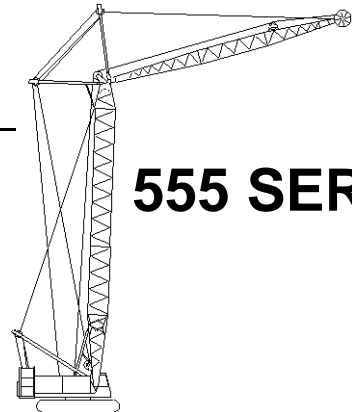


# Liftcrane Luffing Jib Capacities

## 555 SERIES 2

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

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



### 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	11 900	60.3	62.1	11 400							30.0
32.0	49.9	58.1	10 200*	51.7	59.0	10 600*	54.6	60.1	10 900	57.3	60.9	10 400							32.0
34.0	46.5	56.3	9 500*	48.4	57.3	9 900*	51.5	58.6	10 000	54.3	59.5	9 500	57.0	60.1	9 100				34.0
36.0	43.0	54.3	8 900*	45.0	55.4	9 300*	48.2	56.9	9 200	51.2	58.0	8 800	53.9	58.7	8 400				36.0
38.0	39.2	52.0	8 300*	41.3	53.3	8 600*	44.7	55.0	8 500	47.9	56.3	8 100	50.8	57.2	7 700				38.0
40.0	35.0	49.4	7 800*	37.4	50.8	8 100*	41.0	52.8	7 900	44.4	54.3	7 500	47.5	55.5	7 100	50.3	56.2	6 800	40.0
42.0	30.4	46.3	7 300*	33.0	48.0	7 600*	37.1	50.3	7 400	40.7	52.2	7 000	44.0	53.5	6 600	47.0	54.5	6 300	42.0
44.0	25.0	42.5	6 600*	28.1	44.6	7 100*	32.7	47.5	6 900	36.7	49.7	6 500	40.2	51.3	6 200	43.4	52.5	5 800	44.0
46.0	18.2	37.4	5 200*	22.2	40.3	6 400*	27.7	44.0	6 400	32.2	46.8	6 100	36.2	48.8	5 700	39.7	50.2	5 400	46.0
48.0				14.2	34.3	4 800*	21.7	39.7	6 000	27.2	43.2	5 700	31.7	45.8	5 400	35.5	47.6	5 100	48.0
50.0							13.3	33.3	5 300	21.0	38.8	5 300	26.5	42.2	5 000	31.0	44.6	4 700	50.0
52.0													20.2	37.6	4 700	25.7	40.9	4 400	52.0
54.0																19.1	36.0	4 100	54.0
56.0																8.7	27.9	3 800	56.0

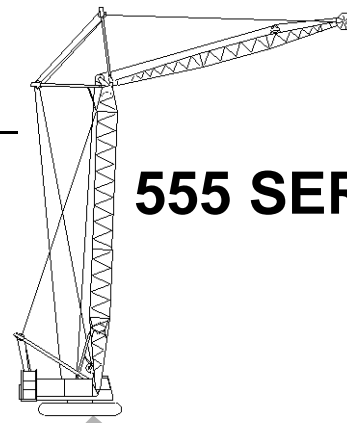


# Liftcrane Luffing Jib Capacities

# 555 SERIES 2

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

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



## 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	7 600				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	7 000				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	6 500	50.7	58.8	6 100	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	6 100	47.6	57.1	5 700	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	5 600	44.3	55.1	5 300	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	5 300	40.8	53.0	4 900	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	4 900	37.1	50.5	4 600	50.0
52.0							18.7	38.5	4 400*	24.5	42.6	4 600*	29.1	45.5	4 500	33.0	47.6	4 300	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	3 700	56.0
58.0																15.9	34.5	3 500	58.0

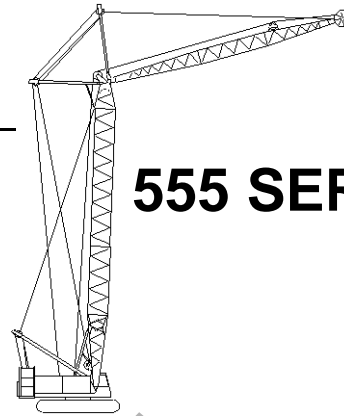


# Liftcrane Luffing Jib Capacities

## 555 SERIES 2

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

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



### 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 400b	64.2	42.3	33 300b										14.0
16.0	43.2	38.7	28 000*	48.7	39.8	29 000	57.0	41.1	28 000b										16.0
18.0	33.0	36.2	25 100*	39.7	37.8	25 000	49.2	39.6	24 100	57.3	40.7	23 300b							18.0
20.0				28.5	34.8	21 900	40.2	37.6	21 100	49.5	39.2	20 300							20.0
22.0							29.2	34.7	18 700	40.6	37.2	18 000	49.5	38.6	17 400				22.0
24.0										29.7	34.4	16 200	40.7	36.6	15 500				24.0
26.0													29.8	33.7	14 000	40.5	35.7	13 500	26.0
28.0																29.5	32.8	12 200	28.0

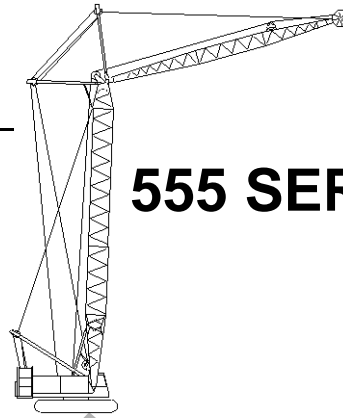
### 24.4m (80 Ft.) Boom, 21.3m (70 Ft.) Luffing Jib

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	34 400b													14.0
16.0	51.3	42.8	27 900*	55.6	43.7	28 900	62.2	44.7	28 000b										16.0
18.0	44.0	41.0	24 900*	48.8	42.2	24 900	55.9	43.5	24 000										18.0
20.0	35.6	38.6	22 400	41.2	40.2	21 900	49.1	41.9	21 100	56.1	43.0	20 300							20.0
22.0	25.0	35.2	18 900	32.4	37.5	19 400	41.6	40.0	18 700	49.4	41.5	17 900							22.0
24.0				19.9	33.4	16 700	32.7	37.3	16 700	41.9	39.6	16 100	49.5	40.9	15 400				24.0
26.0										33.0	37.0	14 500	42.0	38.9	13 900	49.3	40.0	13 400	26.0
28.0										21.2	33.0	13 200	33.1	36.3	12 700	41.8	38.0	12 100	28.0
30.0													21.4	32.4	11 600	32.9	35.4	11 100	30.0
32.0																21.1	31.5	10 200	32.0





# Liftcrane Luffing Jib Capacities



## 555 SERIES 2

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

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

### 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	34 400b													14.0
16.0	56.8	46.6	28 000*	60.3	47.3	28 800	65.9	48.1	27 800b										16.0
18.0	51.0	45.2	24 900*	54.8	46.0	24 800	60.6	47.0	23 900										18.0
20.0	44.7	43.3	22 200	48.8	44.5	21 700	55.1	45.8	20 900	60.8	46.6	20 100							20.0
22.0	37.5	41.0	19 700	42.2	42.5	19 300	49.1	44.2	18 500	55.3	45.4	17 700							22.0
24.0	28.9	38.0	17 400	34.6	40.0	17 300	42.6	42.3	16 600	49.3	43.8	15 900							24.0
26.0				25.2	36.5	15 500	35.1	39.8	15 000	42.8	41.9	14 400	49.4	43.2	13 800				26.0
28.0							25.8	36.4	13 600	35.4	39.4	13 100	42.9	41.2	12 500	49.3	42.3	12 000	28.0
30.0										26.2	36.1	11 900	35.4	38.8	11 400	42.7	40.4	10 900	30.0
32.0										11.6	30.2	10 900	26.3	35.5	10 500	35.3	37.9	10 000	32.0
34.0																26.0	34.5	9 200	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 600b													14.0
16.0	60.9	50.2	28 400*	63.9	50.7	29 000													16.0
18.0	56.0	48.9	25 100*	59.2	49.7	24 700	64.2	50.5	23 800										18.0
20.0	50.8	47.5	22 100	54.2	48.3	21 600	59.4	49.4	20 800										20.0
22.0	45.2	45.7	19 600	48.8	46.7	19 200	54.4	48.1	18 400	59.6	49.0	17 700							22.0
24.0	38.9	43.4	17 600	43.0	44.8	17 200	49.1	46.5	16 500	54.6	47.7	15 800							24.0
26.0	31.7	40.6	15 900	36.5	42.4	15 500	43.3	44.6	14 900	49.3	46.1	14 300	54.7	47.0	13 600				26.0
28.0	22.5	36.7	13 300*	28.7	39.3	14 100	36.8	42.2	13 500	43.5	44.2	12 900	49.4	45.5	12 400				28.0
30.0				18.2	34.7	12 200	29.1	39.2	12 400	37.1	41.9	11 800	43.6	43.6	11 300	49.2	44.6	10 800	30.0
32.0							18.9	34.7	11 300	29.4	38.8	10 800	37.1	41.2	10 400	43.5	42.7	9 900	32.0
34.0										19.3	34.4	10 000	29.5	38.2	9 600	37.0	40.3	9 100	34.0
36.0													19.5	33.8	8 800	29.4	37.3	8 400	36.0
38.0																19.2	32.8	7 800	38.0

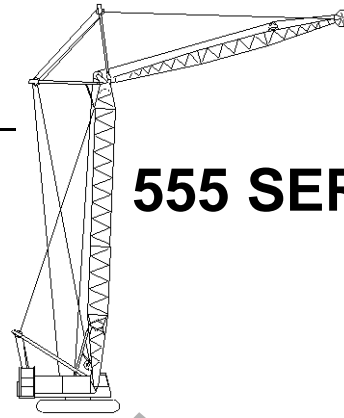


# Liftcrane Luffing Jib Capacities

## 555 SERIES 2

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

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



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

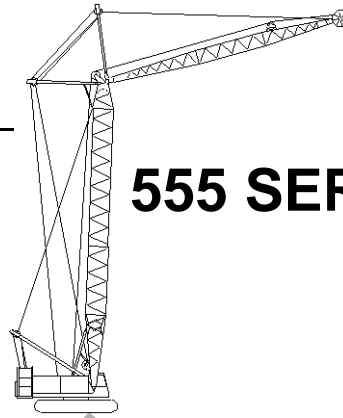
Jib Oper. Rad. m	88 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib 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	24 500													18.0
20.0	55.3	51.3	22 100	58.2	52.0	21 500	62.7	52.9	20 600										20.0
22.0	50.6	49.8	19 500	53.7	50.7	19 100	58.4	51.8	18 300										22.0
24.0	45.6	48.0	17 500	48.8	49.0	17 000	53.9	50.4	16 300	58.6	51.3	15 700							24.0
26.0	40.0	45.8	15 800	43.6	47.1	15 400	49.1	48.8	14 700	54.1	50.0	14 100							26.0
28.0	33.8	43.1	14 400	37.9	44.8	14 000	43.9	46.9	13 400	49.3	48.4	12 800	54.1	49.3	12 200				28.0
30.0	26.2	39.7	12 700	31.2	41.9	12 800	38.2	44.7	12 200	44.1	46.5	11 700	49.3	47.8	11 100				30.0
32.0	15.7	34.5	9 700*	23.0	38.0	11 700	31.6	41.8	11 200	38.4	44.2	10 700	44.2	45.9	10 200	49.2	46.9	9 700	32.0
34.0							23.5	37.9	10 300	31.9	41.4	9 900	38.5	43.6	9 400	44.0	45.0	8 900	34.0
36.0										23.8	37.6	9 100	31.9	40.8	8 700	38.3	42.7	8 300	36.0
38.0										11.3	31.3	8 400	23.9	37.0	8 100	31.8	39.9	7 600	38.0
40.0																23.7	36.1	7 100	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	20 600										20.0
22.0	54.8	53.6	19 600	57.4	54.3	19 000	61.6	55.3	18 200										22.0
24.0	50.5	52.1	17 400	53.2	53.0	17 000	57.6	54.1	16 300										24.0
26.0	45.9	50.3	15 800	48.8	51.3	15 300	53.5	52.7	14 700	57.8	53.7	14 000							26.0
28.0	40.9	48.2	14 300	44.1	49.5	14 000	49.1	51.1	13 300	53.6	52.3	12 800							28.0
30.0	35.4	45.6	13 100	39.0	47.2	12 800	44.4	49.3	12 200	49.2	50.7	11 600	53.7	51.7	11 100				30.0
32.0	29.0	42.4	12 000	33.2	44.5	11 700	39.3	47.0	11 200	44.6	48.8	10 700	49.3	50.1	10 200				32.0
34.0	20.8	38.1	9 800*	26.3	41.0	10 800	33.5	44.3	10 300	39.5	46.6	9 800	44.6	48.2	9 400	49.2	49.2	8 900	34.0
36.0				17.0	35.9	9 300	26.7	40.9	9 500	33.7	43.9	9 100	39.5	46.0	8 700	44.5	47.3	8 200	36.0
38.0							17.6	35.9	8 800	26.9	40.5	8 400	33.8	43.3	8 000	39.4	45.1	7 600	38.0
40.0										18.0	35.7	7 800	27.0	39.9	7 500	33.6	42.4	7 100	40.0
42.0													18.1	35.1	6 900	26.9	39.0	6 500	42.0
44.0																17.9	34.1	6 100	44.0



# Liftcrane Luffing Jib Capacities



## 555 SERIES 2

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

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

### 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	20 400										20.0
22.0	58.1	57.2	18 300*	60.4	57.9	18 900	64.1	58.7	18 000										22.0
24.0	54.3	55.9	17 200	56.7	56.7	16 900	60.6	57.7	16 100										24.0
26.0	50.4	54.4	15 600	52.9	55.3	15 200	56.9	56.5	14 500	60.7	57.2	13 900							26.0
28.0	46.2	52.6	14 200	48.9	53.7	13 800	53.1	55.1	13 200	57.1	56.0	12 600							28.0
30.0	41.6	50.5	13 000	44.6	51.8	12 600	49.1	53.4	12 100	53.2	54.6	11 500							30.0
32.0	36.7	48.0	11 900	39.9	49.6	11 600	44.8	51.6	11 100	49.2	53.0	10 500	53.3	54.0	10 000				32.0
34.0	31.0	45.1	11 000	34.7	46.9	10 700	40.1	49.4	10 200	44.9	51.2	9 700	49.3	52.4	9 200				34.0
36.0	24.3	41.2	9 600	28.8	43.7	9 900	35.0	46.8	9 400	40.3	49.0	9 000	45.0	50.5	8 500	49.2	51.5	8 000	36.0
38.0	15.0	35.6	7 300*	21.4	39.4	9 100	29.1	43.6	8 700	35.2	46.4	8 300	40.4	48.3	7 900	44.9	49.6	7 400	38.0
40.0							21.8	39.4	8 100	29.3	43.2	7 700	35.3	45.8	7 300	40.3	47.5	6 900	40.0
42.0										22.1	39.1	7 200	29.4	42.6	6 800	35.1	44.9	6 400	42.0
44.0										11.1	32.4	6 700	22.2	38.5	6 300	29.3	41.7	6 000	44.0
46.0																22.0	37.5	5 600	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	18 000										22.0
24.0	57.4	59.6	16 000*	59.6	60.3	16 600	63.0	61.1	16 000										24.0
26.0	53.9	58.2	15 100*	56.2	59.0	15 100	59.8	60.0	14 400										26.0
28.0	50.2	56.7	14 100	52.6	57.6	13 700	56.3	58.8	13 100	59.9	59.6	12 500							28.0
30.0	46.4	54.9	12 900	48.9	56.0	12 500	52.8	57.4	11 900	56.5	58.3	11 400							30.0
32.0	42.2	52.8	11 800	44.9	54.1	11 500	49.1	55.7	10 900	52.9	56.9	10 400	56.5	57.7	9 900				32.0
34.0	37.7	50.5	10 900	40.6	51.9	10 600	45.1	53.9	10 100	49.2	55.3	9 600	53.0	56.3	9 100				34.0
36.0	32.7	47.6	10 100	36.0	49.4	9 800	40.9	51.7	9 300	45.3	53.5	8 800	49.2	54.7	8 400				36.0
38.0	26.9	44.1	9 200	30.7	46.3	9 100	36.2	49.2	8 600	41.0	51.3	8 200	45.3	52.8	7 700	49.2	53.8	7 300	38.0
40.0	19.6	39.5	7 300*	24.5	42.5	8 400	31.0	46.2	8 000	36.4	48.8	7 600	41.1	50.7	7 200	45.2	51.9	6 800	40.0
42.0				16.1	37.1	7 100*	24.8	42.5	7 500	31.2	45.9	7 100	36.5	48.2	6 700	41.0	49.8	6 300	42.0
44.0							16.7	37.2	6 900	25.1	42.1	6 600	31.3	45.2	6 200	36.4	47.3	5 800	44.0
46.0																25.2	44.3	5 400	46.0
48.0										17.0	36.9	6 200				17.1	40.6	5 100	48.0
50.0																	35.3	4 700	50.0

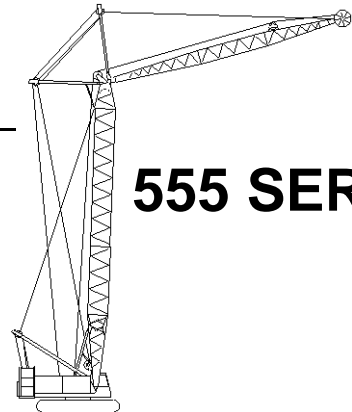


# Liftcrane Luffing Jib Capacities

## 555 SERIES 2

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

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



### 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	15 900										24.0
26.0	56.8	61.9	13 700*	58.9	62.6	14 300*	62.1	63.5	14 300										26.0
28.0	53.6	60.5	12 800*	55.7	61.3	13 400	59.0	62.4	12 900										28.0
30.0	50.2	59.0	12 000*	52.4	59.9	12 400	55.8	61.1	11 800	59.1	62.0	11 200							30.0
32.0	46.6	57.2	11 300*	48.9	58.2	11 300	52.5	59.7	10 800	56.0	60.7	10 200							32.0
34.0	42.7	55.2	10 600*	45.2	56.4	10 500	49.1	58.0	9 900	52.7	59.2	9 400	56.0	60.0	8 900				34.0
36.0	38.6	52.8	10 000	41.3	54.3	9 600	45.4	56.2	9 200	49.2	57.6	8 700	52.7	58.6	8 200				36.0
38.0	34.1	50.1	9 200	37.0	51.8	8 900	41.5	54.1	8 500	45.5	55.8	8 000	49.2	57.0	7 600				38.0
40.0	29.0	46.9	8 500	32.3	48.9	8 300	37.3	51.6	7 900	41.6	53.7	7 400	45.6	55.1	7 000	49.2	56.1	6 600	40.0
42.0	22.8	42.7	7 200*	26.9	45.4	7 700	32.6	48.8	7 300	37.4	51.2	6 900	41.7	53.0	6 500	45.5	54.2	6 100	42.0
44.0	14.4	36.8	5 500*	20.1	40.8	7 000	27.2	45.3	6 800	32.8	48.4	6 400	37.5	50.6	6 100	41.6	52.2	5 700	44.0
46.0							20.5	40.8	6 400	27.4	45.0	6 000	32.8	47.8	5 700	37.4	49.7	5 300	46.0
48.0										20.8	40.5	5 600	27.5	44.3	5 300	32.7	46.9	4 900	48.0
50.0										11.0	33.5	5 200	20.9	39.9	4 900	27.3	43.4	4 600	50.0
52.0																20.7	38.9	4 300	52.0



# Liftcrane Luffing Jib Capacities



## 555 SERIES 2

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

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

### 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	12 900										28.0
30.0	53.3	62.8	10 900*	55.2	63.7	11 400*	58.4	64.7	11 700	61.4	65.5	11 200							30.0
32.0	50.1	61.3	10 200*	52.1	62.2	10 700*	55.4	63.4	10 700	58.5	64.3	10 200							32.0
34.0	46.7	59.5	9 500*	48.9	60.5	10 000*	52.3	62.0	9 900	55.5	63.0	9 400							34.0
36.0	43.2	57.5	8 900*	45.5	58.7	9 300*	49.1	60.3	9 100	52.4	61.5	8 600	55.5	62.4	8 200				36.0
38.0	39.4	55.2	8 300*	41.8	56.6	8 700*	45.7	58.5	8 400	49.2	59.9	8 000	52.4	60.9	7 500				38.0
40.0	35.2	52.6	7 800*	37.9	54.2	8 100*	42.0	56.4	7 800	45.8	58.1	7 400	49.2	59.3	7 000	52.4	60.0	6 600	40.0
42.0	30.6	49.5	7 300*	33.6	51.4	7 600*	38.1	54.0	7 300	42.2	56.0	6 900	45.8	57.4	6 500	49.1	58.4	6 100	42.0
44.0	25.3	45.7	6 900*	28.8	48.1	7 200	33.9	51.3	6 800	38.3	53.7	6 400	42.2	55.4	6 000	45.7	56.6	5 600	44.0
46.0	18.6	40.8	5 500*	23.1	44.0	6 600	29.1	48.0	6 300	34.0	50.9	6 000	38.3	53.0	5 600	42.1	54.5	5 200	46.0
48.0				15.5	38.3	5 400*	23.4	44.0	5 900	29.3	47.7	5 600	34.1	50.3	5 200	38.2	52.1	4 900	48.0
50.0							16.0	38.4	5 500	23.6	43.6	5 200	29.3	47.0	4 900	34.0	49.4	4 500	50.0
52.0										16.3	38.1	4 900	23.7	43.0	4 500	29.2	46.1	4 200	52.0
54.0													16.4	37.5	4 300	23.6	42.1	3 900	54.0
56.0																16.2	36.5	3 700	56.0



# Liftcrane Luffing Jib Capacities

## 555 SERIES 2

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

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

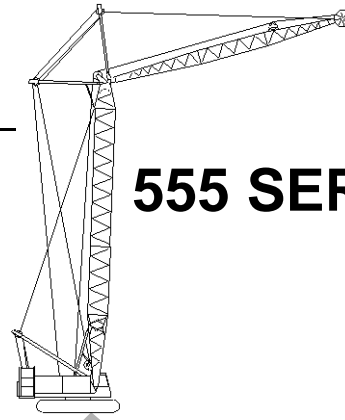


### 24.4m (80 Ft.) Boom, 48.8m (160 Ft.) Luffing Jib

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	7 400				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	7 300	52.7	63.4	6 800				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	6 300				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	5 900	49.6	61.0	5 500	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	5 800	43.2	58.0	5 500	46.4	59.2	5 100	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	5 400	39.6	55.8	5 100	43.1	57.2	4 700	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	4 700	39.5	54.9	4 400	50.0	
52.0							20.6	43.0	4 500*	26.7	47.2	4 700	31.5	50.2	4 400	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	4 100	31.4	49.3	3 800	54.0
56.0											12.7	36.0	4 100	20.9	42.0	3 800	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



## 555 SERIES 2

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

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

### 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	34 300b													14.0
16.0	43.7	41.9	27 700*	49.8	43.1	28 900b	59.0	44.5	27 800b										16.0
18.0	33.6	39.4	24 900*	41.0	41.2	24 900	51.3	43.1	23 900										18.0
20.0				30.2	38.3	21 800	42.7	41.2	20 900	52.6	42.8	20 000b							20.0
22.0							32.5	38.6	18 500	44.3	41.0	17 800	53.7	42.3	17 000b				22.0
24.0							17.6	34.3	16 600	34.4	38.6	15 900	45.5	40.6	15 200				24.0
26.0													35.8	38.2	13 700	46.4	39.8	13 000	26.0
28.0													23.1	34.7	12 400	36.9	37.6	11 900	28.0
30.0																24.6	34.2	10 800	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	34 300b													14.0
16.0	51.7	46.0	27 600*	56.4	46.9	28 800b	63.8	48.0	27 700b										16.0
18.0	44.4	44.2	24 700*	49.7	45.4	24 900	57.6	46.8	23 800										18.0
20.0	36.1	41.8	22 400	42.2	43.5	21 800	51.0	45.4	20 800	58.7	46.5	19 900b							20.0
22.0	25.7	38.5	19 200	33.5	40.9	19 300	43.7	43.5	18 500	52.1	45.1	17 700							22.0
24.0				21.9	37.1	17 300	35.2	41.1	16 600	45.0	43.3	15 800	53.1	44.6	15 100				24.0
26.0							24.4	37.6	14 900	36.7	41.0	14 300	46.0	42.9	13 600				26.0
28.0										26.5	37.8	13 000	38.0	40.6	12 400	46.7	42.1	11 800	28.0
30.0													28.1	37.6	11 300	38.8	40.0	10 700	30.0
32.0													12.6	32.2	10 300	29.2	37.0	9 800	32.0

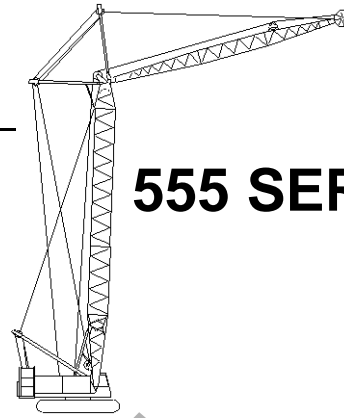


# Liftcrane Luffing Jib Capacities

## 555 SERIES 2

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

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



### 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	34 300b													14.0
16.0	57.1	49.7	27 600*	61.1	50.5	28 700													16.0
18.0	51.3	48.3	24 600*	55.5	49.2	24 700	62.0	50.3	23 700										18.0
20.0	45.0	46.5	22 200	49.6	47.7	21 600	56.6	49.2	20 700										20.0
22.0	37.9	44.2	19 700	43.1	45.8	19 200	50.7	47.7	18 300	57.5	48.8	17 500							22.0
24.0	29.5	41.2	17 700	35.7	43.4	17 200	44.4	45.9	16 400	51.7	47.4	15 600							24.0
26.0				26.6	40.1	15 500	37.2	43.5	14 800	45.5	45.7	14 100	52.6	46.9	13 400				26.0
28.0							28.5	40.4	13 500	38.4	43.4	12 800	46.4	45.2	12 200				28.0
30.0							16.1	35.6	12 300	30.1	40.5	11 700	39.5	43.0	11 100	47.0	44.4	10 600	30.0
32.0										18.7	36.1	10 700	31.4	40.2	10 200	40.2	42.3	9 700	32.0
34.0													20.6	36.1	9 400	32.2	39.6	8 900	34.0
36.0																21.9	35.7	8 200	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*	69.4	54.8	32 500b													14.0
16.0	61.2	53.3	27 800*	64.5	53.9	28 800													16.0
18.0	56.3	52.1	24 700*	59.8	52.8	24 600													18.0
20.0	51.1	50.6	22 200	54.8	51.6	21 600	60.7	52.7	20 600										20.0
22.0	45.5	48.8	19 600	49.5	50.0	19 100	55.8	51.5	18 200										22.0
24.0	39.3	46.6	17 600	43.8	48.1	17 100	50.6	50.0	16 300	56.6	51.2	15 500							24.0
26.0	32.1	43.8	15 900	37.4	45.8	15 400	44.9	48.2	14 700	51.4	49.7	14 000	57.3	50.6	13 300				26.0
28.0	23.1	40.0	13 900	29.8	42.8	14 000	38.6	45.9	13 400	45.9	48.0	12 700	52.2	49.2	12 100				28.0
30.0				19.9	38.5	12 700	31.3	43.1	12 200	39.7	45.8	11 600	46.7	47.5	11 000				30.0
32.0							22.0	39.1	11 200	32.6	43.1	10 700	40.6	45.4	10 100	47.2	46.7	9 600	32.0
34.0										23.8	39.3	9 800	33.7	42.7	9 300	41.3	44.7	8 800	34.0
36.0													25.2	39.2	8 600	34.4	42.1	8 100	36.0
38.0													12.1	33.3	8 000	26.2	38.7	7 500	38.0



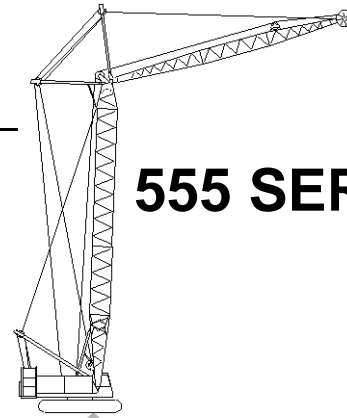


# Liftcrane Luffing Jib Capacities

# 555 SERIES 2

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

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



## 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	26 600*													16.0
18.0	60.0	55.7	23 800*	63.1	56.3	24 400													18.0
20.0	55.6	54.4	22 100	58.8	55.2	21 400	63.9	56.2	20 400										20.0
22.0	50.9	52.9	19 500	54.3	53.9	19 000	59.6	55.1	18 000										22.0
24.0	45.8	51.1	17 500	49.5	52.3	17 000	55.1	53.8	16 100	60.3	54.7	15 400							24.0
26.0	40.3	49.0	15 800	44.3	50.5	15 300	50.4	52.3	14 600	55.9	53.5	13 800							26.0
28.0	34.1	46.3	14 400	38.7	48.2	13 900	45.3	50.5	13 200	51.2	52.0	12 500	56.5	52.9	11 900				28.0
30.0	26.7	42.9	13 000	32.2	45.4	12 700	39.8	48.3	12 100	46.2	50.3	11 500	51.9	51.5	10 800				30.0
32.0	16.5	37.9	10 200*	24.2	41.6	11 700	33.5	45.6	11 100	40.7	48.2	10 500	46.9	49.8	9 900	52.3	50.7	9 300	32.0
34.0							25.9	42.1	10 200	34.6	45.6	9 700	41.5	47.7	9 100	47.4	49.0	8 600	34.0
36.0							15.1	36.7	9 400	27.2	42.2	9 000	35.5	45.2	8 400	42.1	47.0	7 900	36.0
38.0										17.3	37.3	8 300	28.4	42.0	7 800	36.1	44.5	7 300	38.0
40.0													19.0	37.4	7 200	29.1	41.4	6 800	40.0
42.0																20.1	37.1	6 300	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	23 400*													18.0
20.0	59.1	58.0	21 000*	61.9	58.7	21 400	66.4	59.5	20 400										20.0
22.0	55.0	56.7	19 600	57.9	57.6	18 900	62.6	58.6	18 000										22.0
24.0	50.7	55.2	17 400	53.8	56.2	16 900	58.7	57.5	16 100										24.0
26.0	46.1	53.4	15 800	49.4	54.6	15 300	54.6	56.1	14 500	59.3	57.1	13 800							26.0
28.0	41.2	51.3	14 300	44.8	52.8	13 900	50.3	54.6	13 200	55.3	55.8	12 500							28.0
30.0	35.7	48.8	13 100	39.7	50.6	12 700	45.7	52.8	12 100	51.0	54.3	11 400	55.8	55.3	10 800				30.0
32.0	29.3	45.7	12 000	34.0	47.9	11 700	40.7	50.7	11 100	46.5	52.6	10 500	51.6	53.8	9 900				32.0
34.0	21.3	41.4	10 400*	27.3	44.5	10 800	35.1	48.1	10 200	41.5	50.5	9 700	47.1	52.1	9 100				34.0
36.0				18.5	39.8	9 700	28.6	44.9	9 400	36.1	48.0	8 900	42.2	50.1	8 400	47.6	51.3	7 900	36.0
38.0							20.4	40.5	8 700	29.8	44.9	8 300	36.9	47.6	7 800	42.7	49.3	7 300	38.0
40.0										21.9	40.8	7 700	30.7	44.7	7 200	37.4	47.0	6 800	40.0
42.0													23.2	40.7	6 700	31.4	44.0	6 300	42.0
44.0													11.8	34.4	6 300	24.0	40.2	5 900	44.0

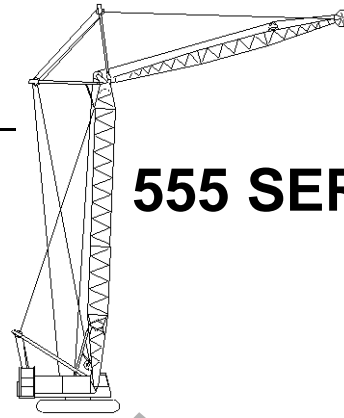


# Liftcrane Luffing Jib Capacities

## 555 SERIES 2

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

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



### 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	20 500													20.0
22.0	58.3	60.4	18 300*	60.9	61.1	18 900	65.0	62.0	17 900										22.0
24.0	54.5	59.0	17 200	57.2	59.9	16 800	61.5	61.0	16 000										24.0
26.0	50.6	57.5	15 600	53.4	58.5	15 200	57.9	59.8	14 400	62.1	60.6	13 600							26.0
28.0	46.4	55.7	14 200	49.4	56.9	13 800	54.1	58.5	13 100	58.5	59.5	12 300							28.0
30.0	41.9	53.7	13 000	45.1	55.1	12 600	50.2	56.9	11 900	54.8	58.1	11 200							30.0
32.0	36.9	51.2	11 900	40.5	52.9	11 500	46.0	55.1	10 900	50.8	56.6	10 300	55.3	57.6	9 700				32.0
34.0	31.4	48.3	11 000	35.4	50.3	10 600	41.4	53.0	10 100	46.7	54.9	9 500	51.4	56.1	8 900				34.0
36.0	24.7	44.5	9 900	29.6	47.2	9 800	36.4	50.5	9 300	42.2	52.8	8 800	47.3	54.4	8 300				36.0
38.0	15.6	39.1	7 700*	22.5	43.1	9 100	30.8	47.5	8 600	37.3	50.4	8 100	42.8	52.4	7 600	47.7	53.6	7 100	38.0
40.0							23.9	43.7	8 000	31.8	47.5	7 600	38.0	50.0	7 100	43.3	51.7	6 600	40.0
42.0							14.4	37.9	7 400	25.2	43.8	7 000	32.6	47.2	6 500	38.5	49.3	6 100	42.0
44.0										16.3	38.5	6 500	26.2	43.7	6 100	33.2	46.6	5 700	44.0
46.0													17.8	38.7	5 700	26.9	43.1	5 300	46.0
48.0																18.8	38.4	4 900	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	16 600	63.9	64.4	15 900										24.0
26.0	54.1	61.3	15 100*	56.6	62.2	15 100	60.6	63.3	14 300										26.0
28.0	50.4	59.8	14 100	53.1	60.8	13 700	57.3	62.1	12 900	61.2	63.0	12 200							28.0
30.0	46.6	58.0	12 900	49.4	59.2	12 500	53.8	60.8	11 800	57.8	61.8	11 100							30.0
32.0	42.5	56.0	11 800	45.4	57.4	11 400	50.1	59.2	10 800	54.3	60.5	10 200							32.0
34.0	38.0	53.6	10 900	41.2	55.3	10 500	46.2	57.4	10 000	50.7	58.9	9 400	54.8	59.9	8 800				34.0
36.0	33.0	50.8	10 100	36.6	52.8	9 700	42.0	55.3	9 200	46.9	57.2	8 600	51.2	58.4	8 100				36.0
38.0	27.2	47.4	9 300	31.5	49.8	9 000	37.5	52.9	8 500	42.7	55.2	8 000	47.4	56.7	7 500				38.0
40.0	20.0	42.8	7 800*	25.4	46.1	8 400	32.5	50.1	7 900	38.3	52.8	7 400	43.3	54.7	7 000	47.8	55.9	6 500	40.0
42.0				17.5	41.0	7 500	26.6	46.5	7 400	33.4	50.0	6 900	38.9	52.4	6 500	43.8	54.0	6 000	42.0
44.0							19.2	41.8	6 900	27.7	46.7	6 400	34.1	49.7	6 000	39.4	51.7	5 600	44.0
46.0										20.6	42.2	6 000	28.5	46.4	5 600	34.6	49.1	5 200	46.0
48.0													21.7	42.2	5 200	29.1	45.8	4 800	48.0
50.0													11.5	35.4	4 900	22.4	41.7	4 500	50.0



# Liftcrane Luffing Jib Capacities



## 555 SERIES 2

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

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

### 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	15 700										24.0
26.0	57.0	65.0	13 700*	59.3	65.8	14 400*	62.9	66.8	14 100										26.0
28.0	53.8	63.7	12 900*	56.1	64.6	13 500	59.9	65.7	12 800										28.0
30.0	50.3	62.1	12 100*	52.8	63.1	12 300	56.7	64.5	11 600	60.4	65.4	11 000							30.0
32.0	46.8	60.3	11 300*	49.3	61.5	11 300	53.4	63.1	10 700	57.2	64.1	10 000							32.0
34.0	43.0	58.3	10 600	45.7	59.7	10 400	50.0	61.5	9 800	54.0	62.8	9 200							34.0
36.0	38.9	56.0	10 000	41.8	57.6	9 600	46.4	59.7	9 000	50.6	61.2	8 500	54.4	62.2	7 900				36.0
38.0	34.3	53.3	9 200	37.6	55.2	8 900	42.6	57.7	8 400	47.0	59.5	7 800	51.1	60.7	7 300				38.0
40.0	29.2	50.1	8 500	33.0	52.4	8 300	38.4	55.3	7 800	43.2	57.5	7 300	47.5	59.0	6 800	51.4	59.9	6 300	40.0
42.0	23.2	46.0	7 600	27.6	49.0	7 700	33.9	52.6	7 200	39.1	55.2	6 800	43.8	57.0	6 300	47.9	58.2	5 800	42.0
44.0	14.9	40.2	5 800*	21.1	44.5	7 200	28.7	49.3	6 700	34.7	52.5	6 300	39.7	54.8	5 800	44.1	56.3	5 400	44.0
46.0							22.5	45.1	6 300	29.6	49.3	5 800	35.3	52.2	5 400	40.1	54.1	5 000	46.0
48.0							13.9	39.0	5 900	23.6	45.4	5 500	30.4	49.1	5 100	35.8	51.5	4 700	48.0
50.0										15.6	39.7	5 100	24.5	45.2	4 700	30.9	48.5	4 300	50.0
52.0													16.9	39.9	4 400	25.2	44.7	4 100	52.0
54.0																17.8	39.7	3 800	54.0

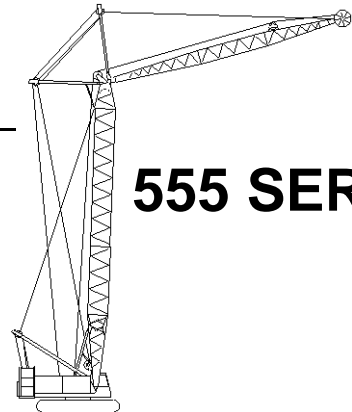


# Liftcrane Luffing Jib Capacities

## 555 SERIES 2

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

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

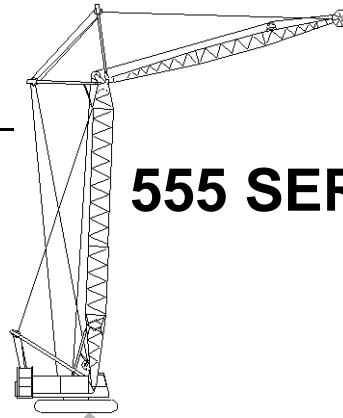


### 27.4m (90 Ft.) Boom, 45.7m (150 Ft.) Luffing Jib

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	14 000										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	11 600										30.0
32.0	50.3	64.4	10 200*	52.6	65.4	10 800*	56.2	66.8	10 600	59.7	67.7	10 000							32.0
34.0	46.9	62.6	9 600*	49.3	63.8	10 100*	53.1	65.4	9 700	56.7	66.5	9 200							34.0
36.0	43.4	60.7	8 900*	45.9	62.0	9 400*	49.9	63.8	9 000	53.7	65.1	8 400							36.0
38.0	39.6	58.4	8 400*	42.3	59.9	8 800*	46.6	62.0	8 300	50.5	63.5	7 800	54.1	64.5	7 300				38.0
40.0	35.5	55.8	7 800*	38.5	57.6	8 200	43.0	60.0	7 700	47.1	61.8	7 200	50.9	63.0	6 700				40.0
42.0	30.9	52.7	7 400*	34.2	54.9	7 700	39.2	57.7	7 200	43.6	59.8	6 700	47.6	61.3	6 200	51.2	62.2	5 800	42.0
44.0	25.6	49.0	6 900*	29.5	51.7	7 100	35.0	55.1	6 700	39.9	57.6	6 200	44.1	59.3	5 800	47.9	60.5	5 400	44.0
46.0	19.0	44.1	5 900*	23.9	47.7	6 600	30.4	52.0	6 200	35.8	55.0	5 800	40.4	57.2	5 400	44.5	58.6	5 000	46.0
48.0				16.7	42.3	5 900	25.0	48.1	5 800	31.2	52.0	5 400	36.3	54.6	5 000	40.8	56.4	4 600	48.0
50.0							18.2	43.1	5 400	26.0	48.3	5 100	31.9	51.7	4 700	36.8	54.0	4 300	50.0
52.0										19.5	43.5	4 700	26.8	48.1	4 400	32.4	51.0	4 000	52.0
54.0													20.5	43.5	4 100	27.3	47.6	3 700	54.0
56.0													11.4	36.5	3 800	21.2	43.1	3 500	56.0



# Liftcrane Luffing Jib Capacities



## 555 SERIES 2

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

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

### 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	9 800							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	9 000							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	8 300							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	7 600							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	7 100	54.2	67.1	6 600				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	6 600	51.3	65.6	6 100				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	6 100	48.2	63.9	5 700				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	5 700	44.9	62.0	5 200	48.5	63.1	4 800	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	5 300	41.5	59.8	4 900	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	4 900	37.8	57.4	4 500	41.9	59.1	4 200	50.0
52.0							22.3	47.3	4 500*	28.7	51.7	4 600	33.8	54.7	4 200	38.2	56.7	3 900	52.0
54.0							14.9	41.4	4 300*			4 300	29.3	51.4	3 900	34.2	54.0	3 600	54.0
56.0												4 000	24.1	47.4	3 700	29.8	50.8	3 400	56.0
58.0													17.5	42.2	3 400	24.7	46.9	3 100	58.0
60.0																18.2	41.8	2 900	60.0

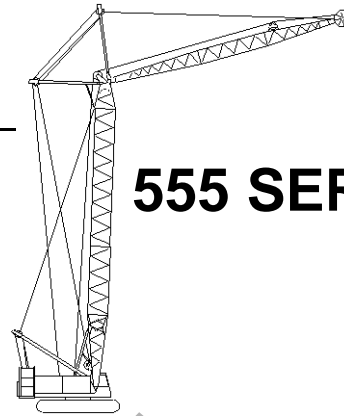


# Liftcrane Luffing Jib Capacities

## 555 SERIES 2

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

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



### 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	34 200b													14.0
16.0	44.1	45.0	27 300*	50.9	46.4	28 800b	60.9	47.8	27 600b										16.0
18.0	34.2	42.6	24 700*	42.3	44.5	24 800	53.4	46.5	23 700										18.0
20.0				31.9	41.8	21 700	45.1	44.8	20 700	55.7	46.3	19 700b							20.0
22.0							35.4	42.4	18 400	47.7	44.7	17 500							22.0
24.0							22.5	38.8	16 400	38.5	42.6	15 700	49.9	44.4	14 900				24.0
26.0										26.9	39.5	14 100	41.1	42.4	13 400	51.7	43.7	12 700	26.0
28.0													30.4	39.6	12 200	43.2	41.9	11 500	28.0
30.0													13.5	34.7	11 100	33.0	39.3	10 600	30.0
32.0																18.6	35.2	9 700	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	34 200b													14.0
16.0	52.0	49.1	27 200*	57.3	50.1	28 700	65.3	51.2	27 400b										16.0
18.0	44.9	47.3	24 400*	50.6	48.7	24 700	59.3	50.2	23 500										18.0
20.0	36.6	45.0	22 200	43.3	46.8	21 700	52.8	48.8	20 600	61.1	49.9	19 600b							20.0
22.0	26.3	41.7	19 400	34.7	44.3	19 200	45.7	47.1	18 300	54.8	48.6	17 400							22.0
24.0				23.7	40.8	17 200	37.6	44.8	16 400	47.9	47.0	15 600							24.0
26.0							27.6	41.7	14 800	40.1	45.0	14 000	49.8	46.7	13 300				26.0
28.0										30.9	42.2	12 800	42.3	44.7	12 100				28.0
30.0										17.8	37.7	11 700	33.6	42.2	11 100	44.1	44.2	10 400	30.0
32.0													22.0	38.4	10 100	35.7	41.8	9 600	32.0
34.0																25.0	38.4	8 800	34.0

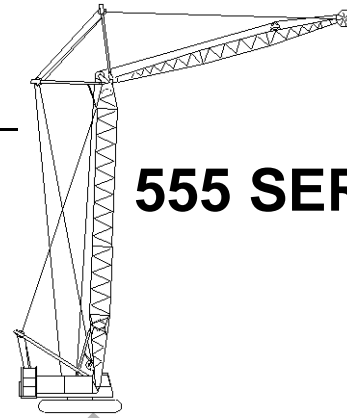


# Liftcrane Luffing Jib Capacities

# 555 SERIES 2

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

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



## 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	34 100b													14.0
16.0	57.4	52.8	27 100*	61.8	53.7	28 500													16.0
18.0	51.7	51.4	24 300*	56.3	52.5	24 600	63.4	53.6	23 400										18.0
20.0	45.4	49.7	22 000	50.4	51.0	21 600	58.1	52.5	20 500										20.0
22.0	38.3	47.4	19 700	44.0	49.1	19 100	52.3	51.1	18 100	59.7	52.3	17 200							22.0
24.0	30.0	44.5	17 600	36.8	46.8	17 100	46.1	49.4	16 200	54.1	51.0	15 400							24.0
26.0				28.0	43.6	15 400	39.2	47.2	14 700	48.0	49.3	13 900	55.6	50.5	13 100				26.0
28.0							31.0	44.4	13 300	41.3	47.3	12 600	49.7	49.0	11 900				28.0
30.0							20.1	40.2	12 200	33.6	44.7	11 500	43.2	47.1	10 900				30.0
32.0										23.8	41.0	10 600	35.8	44.6	10 000	44.7	46.5	9 400	32.0
34.0													26.7	41.3	9 200	37.5	44.2	8 600	34.0
36.0													12.8	35.8	8 500	29.0	41.2	8 000	36.0
38.0																16.9	36.4	7 400	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	32 400b													14.0
16.0	61.4	56.4	27 100*	65.1	57.1	28 700													16.0
18.0	56.5	55.2	24 200*	60.4	56.0	24 500													18.0
20.0	51.4	53.7	22 000	55.5	54.8	21 400	61.9	56.0	20 300										20.0
22.0	45.8	52.0	19 600	50.3	53.3	19 000	57.1	54.8	18 000										22.0
24.0	39.6	49.8	17 500	44.6	51.4	17 000	52.0	53.4	16 200	58.6	54.6	15 300							24.0
26.0	32.5	47.0	15 800	38.3	49.2	15 300	46.5	51.7	14 600	53.5	53.3	13 800							26.0
28.0	23.7	43.3	14 100	30.9	46.3	14 000	40.4	49.6	13 200	48.1	51.6	12 500	54.9	52.8	11 800				28.0
30.0				21.4	42.2	12 800	33.4	46.9	12 100	42.2	49.7	11 400	49.6	51.3	10 800				30.0
32.0							24.8	43.3	11 100	35.6	47.2	10 500	43.9	49.4	9 900	50.8	50.6	9 200	32.0
34.0										27.6	43.9	9 700	37.4	47.1	9 100	45.2	48.8	8 500	34.0
36.0										16.4	39.0	8 900	29.9	44.1	8 400	38.9	46.6	7 900	36.0
38.0													20.0	39.8	7 800	31.7	43.8	7 300	38.0
40.0																22.6	39.9	6 800	40.0

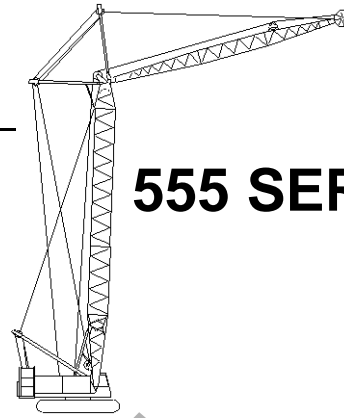


# Liftcrane Luffing Jib Capacities

## 555 SERIES 2

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

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



### 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	26 600*													16.0
18.0	60.2	58.7	23 800*	63.6	59.5	24 300													18.0
20.0	55.8	57.5	22 000	59.4	58.4	21 300	65.0	59.4	20 200										20.0
22.0	51.1	56.0	19 500	54.9	57.1	18 900	60.7	58.4	17 900										22.0
24.0	46.1	54.3	17 400	50.1	55.6	16 900	56.3	57.2	16 000										24.0
26.0	40.7	52.2	15 700	45.1	53.7	15 200	51.7	55.7	14 400	57.6	57.0	13 600							26.0
28.0	34.5	49.5	14 300	39.5	51.5	13 800	46.7	54.0	13 100	53.1	55.6	12 300							28.0
30.0	27.1	46.2	13 100	33.1	48.8	12 600	41.3	51.9	11 900	48.2	53.9	11 300	54.3	55.1	10 600				30.0
32.0	17.1	41.3	10 800	25.4	45.2	11 600	35.2	49.4	11 000	43.0	52.0	10 300	49.5	53.6	9 700				32.0
34.0							28.0	46.1	10 100	37.1	49.6	9 500	44.4	51.7	8 900	50.6	52.9	8 300	34.0
36.0							18.5	41.5	9 300	30.3	46.6	8 800	38.7	49.5	8 200	45.6	51.1	7 700	36.0
38.0										21.8	42.5	8 100	32.2	46.6	7 600	40.0	49.0	7 100	38.0
40.0													24.3	42.9	7 100	33.8	46.3	6 600	40.0
42.0													12.3	36.9	6 500	26.3	42.8	6 100	42.0
44.0																15.8	37.6	5 700	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	23 500*													18.0
20.0	59.3	61.1	21 000*	62.4	61.9	21 300	67.4	62.8	20 100										20.0
22.0	55.2	59.8	19 500	58.5	60.8	18 800	63.6	61.8	17 800										22.0
24.0	50.9	58.3	17 400	54.4	59.4	16 800	59.7	60.8	15 900										24.0
26.0	46.4	56.6	15 700	50.0	57.9	15 200	55.7	59.5	14 400	60.9	60.5	13 500							26.0
28.0	41.5	54.5	14 300	45.4	56.1	13 800	51.4	58.0	13 100	56.9	59.3	12 300							28.0
30.0	36.0	52.0	13 000	40.4	53.9	12 600	46.9	56.3	11 900	52.7	57.9	11 200							30.0
32.0	29.7	48.9	12 000	34.8	51.3	11 600	42.0	54.3	10 900	48.3	56.2	10 300	53.8	57.5	9 700				32.0
34.0	21.8	44.8	10 800	28.3	48.0	10 700	36.6	51.8	10 100	43.5	54.3	9 500	49.5	55.9	8 800				34.0
36.0				19.9	43.6	9 900	30.5	48.8	9 300	38.3	52.0	8 700	44.8	54.0	8 200	50.5	55.2	7 700	36.0
38.0							22.8	44.8	8 600	32.4	49.2	8 100	39.7	51.8	7 600	45.9	53.4	7 100	38.0
40.0										25.3	45.5	7 500	34.0	49.2	7 000	40.9	51.3	6 500	40.0
42.0										15.5	40.2	7 000	27.3	45.8	6 600	35.4	48.8	6 100	42.0
44.0													18.6	41.1	6 100	29.0	45.6	5 700	44.0
46.0																20.8	41.3	5 200	46.0



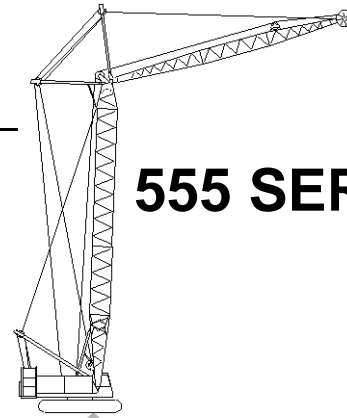


# Liftcrane Luffing Jib Capacities

# 555 SERIES 2

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

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



## 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	20 500													20.0
22.0	58.5	63.5	18 300*	61.4	64.3	18 800	66.0	65.2	17 700										22.0
24.0	54.7	62.2	17 100	57.7	63.1	16 700	62.5	64.2	15 800										24.0
26.0	50.8	60.6	15 600	53.9	61.7	15 100	58.9	63.1	14 200										26.0
28.0	46.6	58.9	14 200	50.0	60.2	13 700	55.2	61.8	12 900	60.0	62.9	12 100							28.0
30.0	42.1	56.8	12 900	45.7	58.4	12 500	51.2	60.3	11 800	56.3	61.6	11 000							30.0
32.0	37.2	54.4	11 900	41.2	56.3	11 500	47.1	58.6	10 800	52.4	60.2	10 100	57.3	61.2	9 500				32.0
34.0	31.7	51.5	10 900	36.2	53.8	10 500	42.7	56.6	9 900	48.3	58.5	9 300	53.5	59.8	8 700				34.0
36.0	25.1	47.8	10 100	30.4	50.7	9 800	37.8	54.2	9 200	44.0	56.6	8 600	49.4	58.2	8 000				36.0
38.0	16.2	42.5	8 200	23.5	46.8	9 100	32.3	51.4	8 500	39.3	54.4	8 000	45.2	56.3	7 400				38.0
40.0							25.9	47.8	7 900	34.0	51.7	7 400	40.6	54.2	6 900	46.2	55.7	6 300	40.0
42.0							17.4	42.7	7 300	27.9	48.3	6 900	35.5	51.6	6 400	41.6	53.7	5 900	42.0
44.0										20.3	43.9	6 400	29.7	48.5	5 900	36.7	51.2	5 500	44.0
46.0													22.5	44.4	5 500	31.1	48.2	5 100	46.0
48.0													12.0	38.0	5 200	24.3	44.4	4 800	48.0
50.0																15.0	38.8	4 400	50.0

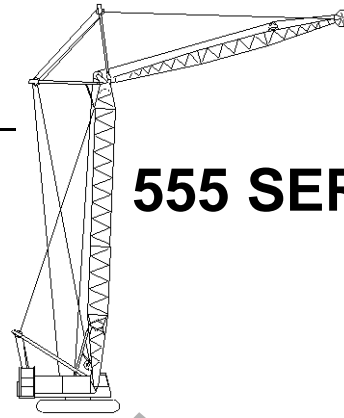


# Liftcrane Luffing Jib Capacities

## 555 SERIES 2

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

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



### 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	17 900*													22.0
24.0	57.8	65.8	16 000*	60.5	66.7	16 600	64.8	67.7	15 700										24.0
26.0	54.3	64.5	15 100	57.1	65.4	14 900	61.5	66.6	14 100										26.0
28.0	50.6	62.9	14 100	53.6	64.1	13 600	58.2	65.5	12 800										28.0
30.0	46.8	61.2	12 800	49.9	62.5	12 400	54.7	64.1	11 600	59.2	65.2	10 900							30.0
32.0	42.7	59.2	11 800	46.0	60.7	11 400	51.1	62.6	10 700	55.7	64.0	10 000							32.0
34.0	38.2	56.8	10 900	41.8	58.6	10 400	47.2	60.9	9 800	52.2	62.5	9 200	56.7	63.5	8 600				34.0
36.0	33.3	54.0	10 000	37.3	56.2	9 700	43.2	58.9	9 100	48.4	60.8	8 500	53.1	62.1	7 900				36.0
38.0	27.6	50.6	9 300	32.2	53.3	9 000	38.8	56.6	8 400	44.4	58.9	7 800	49.4	60.5	7 300				38.0
40.0	20.5	46.1	8 300*	26.3	49.7	8 300	33.9	53.9	7 800	40.1	56.7	7 300	45.5	58.6	6 800	50.3	59.8	6 300	40.0
42.0				18.7	44.9	7 700	28.3	50.6	7 300	35.4	54.2	6 800	41.3	56.5	6 300	46.4	58.0	5 800	42.0
44.0							21.4	46.2	6 800	30.0	51.0	6 300	36.7	54.0	5 800	42.2	56.0	5 400	44.0
46.0										23.6	47.1	5 900	31.5	51.1	5 400	37.7	53.6	5 000	46.0
48.0										14.8	41.3	5 500	25.4	47.4	5 100	32.7	50.8	4 600	48.0
50.0													17.5	42.3	4 700	26.9	47.3	4 300	50.0
52.0																19.6	42.6	4 000	52.0

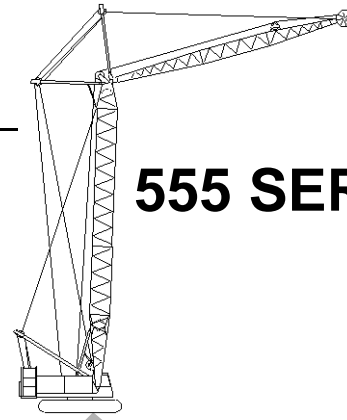


# Liftcrane Luffing Jib Capacities

# 555 SERIES 2

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

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



## 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	13 900										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	12 200	57.5	67.8	11 500										30.0
32.0	47.0	63.5	11 400*	49.8	64.8	11 200	54.3	66.5	10 500	58.5	67.6	9 800							32.0
34.0	43.2	61.5	10 700	46.2	63.0	10 300	50.9	64.9	9 700	55.3	66.3	9 000							34.0
36.0	39.1	59.2	9 900	42.4	60.9	9 500	47.4	63.2	8 900	51.9	64.8	8 300	56.1	65.8	7 700				36.0
38.0	34.6	56.5	9 200	38.2	58.6	8 800	43.6	61.2	8 200	48.4	63.1	7 700	52.8	64.4	7 100				38.0
40.0	29.5	53.3	8 500	33.6	55.8	8 200	39.6	59.0	7 600	44.7	61.2	7 100	49.4	62.8	6 600				40.0
42.0	23.5	49.3	7 800	28.4	52.5	7 600	35.1	56.4	7 100	40.8	59.1	6 600	45.7	61.0	6 100	50.2	62.1	5 600	42.0
44.0	15.5	43.7	6 200*	22.1	48.2	7 100	30.1	53.2	6 600	36.5	56.6	6 100	41.9	58.9	5 700	46.6	60.3	5 200	44.0
46.0							24.3	49.3	6 200	31.7	53.6	5 700	37.7	56.5	5 200	42.8	58.3	4 800	46.0
48.0							16.6	44.0	5 800	26.1	50.0	5 300	33.0	53.6	4 900	38.6	56.0	4 500	48.0
50.0										19.2	45.2	5 000	27.7	50.2	4 600	34.1	53.3	4 200	50.0
52.0													21.2	45.8	4 200	29.0	50.0	3 900	52.0
54.0													11.7	39.1	3 900	22.8	45.9	3 600	54.0
56.0																14.4	39.9	3 300	56.0

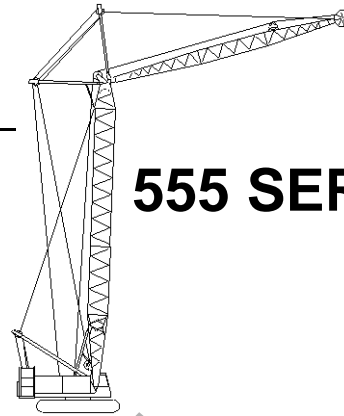


# Liftcrane Luffing Jib Capacities

## 555 SERIES 2

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

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



### 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	13 900										26.0
28.0	56.7	70.5	11 800*	59.0	71.4	12 400*	62.8	72.5	12 600										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	10 500	60.8	71.1	9 700							32.0
34.0	47.1	65.8	9 600*	49.8	67.1	10 200*	54.0	68.8	9 600	57.9	69.9	9 000							34.0
36.0	43.6	63.8	9 000*	46.4	65.3	9 500	50.8	67.2	8 900	54.9	68.6	8 200							36.0
38.0	39.8	61.6	8 400*	42.8	63.3	8 800	47.5	65.5	8 200	51.7	67.1	7 600	55.7	68.1	7 100				38.0
40.0	35.7	59.0	7 900*	39.0	61.0	8 100	44.0	63.6	7 600	48.5	65.4	7 100	52.6	66.7	6 500				40.0
42.0	31.2	56.0	7 400*	34.8	58.3	7 600	40.2	61.3	7 100	45.0	63.6	6 500	49.4	65.1	6 100				42.0
44.0	25.9	52.3	7 000*	30.2	55.2	7 100	36.2	58.8	6 600	41.4	61.4	6 100	46.0	63.2	5 600	50.1	64.4	5 100	44.0
46.0	19.4	47.5	6 400*	24.7	51.3	6 600	31.7	55.8	6 200	37.4	59.0	5 700	42.4	61.2	5 200	46.7	62.6	4 800	46.0
48.0				17.8	46.2	6 100	26.5	52.2	5 700	33.1	56.2	5 300	38.5	58.8	4 800	43.2	60.6	4 400	48.0
50.0							20.2	47.6	5 400	28.2	52.8	4 900	34.3	56.1	4 500	39.4	58.4	4 100	50.0
52.0										22.3	48.5	4 600	29.5	52.9	4 200	35.3	55.7	3 800	52.0
54.0										14.3	42.5	4 300	24.0	49.0	3 900	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	3 100	58.0



# Liftcrane Luffing Jib Capacities



## 555 SERIES 2

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

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

### 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	8 100							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	7 500							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	6 900	55.7	70.7	6 400				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	6 400	52.8	69.2	5 900				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	6 000	49.8	67.6	5 500				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	5 600	46.7	65.8	5 100	50.5	67.0	4 600	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	5 200	43.3	63.8	4 700	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	4 800	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	4 500	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	3 900	26.9	52.5	3 500	32.7	55.7	3 200	56.0
58.0													21.2	48.0	3 300	28.1	52.3	2 900	58.0
60.0													13.2	41.5	3 100	22.6	48.1	2 700	60.0
62.0																15.4	42.2	2 500	62.0

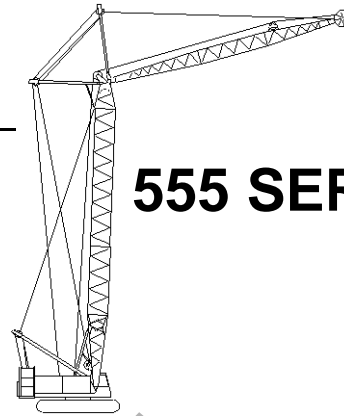


# Liftcrane Luffing Jib Capacities

## 555 SERIES 2

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

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



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

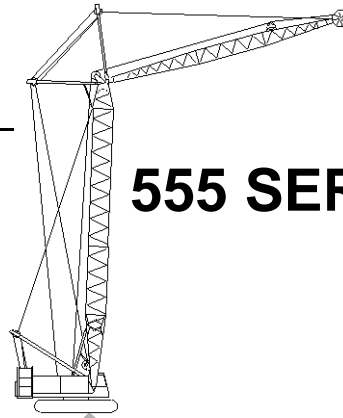
Jib Oper. Rad. m	88 Degree Boom Angle			85 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib 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	33 600b													14.0
16.0	44.6	48.2	26 900*	52.0	49.6	28 700b	62.8	51.1	27 300b										16.0
18.0	34.8	45.8	24 300*	43.5	47.8	24 700	55.5	49.9	23 400b										18.0
20.0				33.4	45.3	21 600	47.4	48.3	20 500	58.6	49.8	19 400b							20.0
22.0				19.2	41.2	18 600	38.2	46.1	18 200	51.0	48.4	17 200b							22.0
24.0							26.5	43.0	16 300	42.3	46.5	15 400							24.0
26.0										31.9	43.8	13 900							26.0
28.0													45.8	46.4	13 100				28.0
30.0													36.3	44.1	11 900	48.8	45.9	11 100	30.0
32.0													23.8	40.6	10 800	39.8	43.8	10 200	32.0
																28.7	40.9	9 300	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	32 700b													14.0
16.0	52.4	52.2	26 600*	58.1	53.3	28 800b													16.0
18.0	45.3	50.5	24 000*	51.5	51.9	24 700	60.9	53.5	23 400b										18.0
20.0	37.1	48.2	21 900	44.3	50.1	21 600	54.6	52.2	20 400										20.0
22.0	27.0	45.0	19 700	36.0	47.7	19 200	47.7	50.6	18 100	57.3	52.1	17 100b							22.0
24.0				25.4	44.4	17 200	39.9	48.5	16 200	50.7	50.7	15 300							24.0
26.0							30.6	45.7	14 700	43.3	48.8	13 800				53.3	50.4	13 000	26.0
28.0							17.3	41.2	13 300	34.8	46.3	12 500				46.3	48.7	11 800	28.0
30.0										23.8	42.8	11 500				38.3	46.5	10 800	30.0
32.0																28.6	43.5	9 900	32.0
34.0																			34.0
36.0																			36.0



# Liftcrane Luffing Jib Capacities



## 555 SERIES 2

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

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

### 33.5m (110 Ft.) Boom, 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	31 700*b													14.0
16.0	57.7	56.0	26 500*	62.5	56.8	28 400													16.0
18.0	52.0	54.5	23 700*	57.0	55.7	24 500	64.8	56.9	23 200										18.0
20.0	45.7	52.8	21 600*	51.2	54.2	21 500	59.5	55.8	20 300										20.0
22.0	38.7	50.6	19 700	44.9	52.4	19 000	53.9	54.5	18 000										22.0
24.0	30.5	47.7	17 600	37.8	50.2	17 000	47.8	52.9	16 100	56.3	54.4	15 100							24.0
26.0				29.3	47.1	15 400	41.1	50.8	14 500	50.5	53.0	13 600							26.0
28.0				17.4	42.5	13 600	33.3	48.2	13 200	44.1	51.1	12 400	52.8	52.7	11 600				28.0
30.0							23.4	44.5	12 000	36.8	48.8	11 300	46.6	51.0	10 600				30.0
32.0							1.9	35.6	11 000	28.0	45.6	10 400	39.8	48.8	9 700	48.8	50.5	9 000	32.0
34.0													31.7	46.1	8 900	42.3	48.5	8 300	34.0
36.0													21.2	42.0	8 300	34.7	46.0	7 700	36.0
38.0																25.3	42.5	7 100	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	29 600*b													14.0
16.0	61.7	59.5	26 300*	65.7	60.2	27 500*													16.0
18.0	56.8	58.3	23 900*	61.1	59.2	24 500													18.0
20.0	51.7	56.8	21 700	56.2	58.0	21 400	63.2	59.3	20 100										20.0
22.0	46.1	55.1	19 700	51.0	56.5	18 900	58.4	58.2	17 800										22.0
24.0	40.0	53.0	17 500	45.4	54.7	16 900	53.4	56.8	16 000										24.0
26.0	33.0	50.3	15 800	39.2	52.5	15 300	48.0	55.2	14 400	55.5	56.8	13 500							26.0
28.0	24.2	46.6	14 200	32.0	49.7	13 900	42.0	53.2	13 100	50.3	55.3	12 300							28.0
30.0				22.9	45.9	12 700	35.4	50.7	11 900	44.6	53.4	11 200	52.4	55.0	10 500				30.0
32.0				6.3	38.2	10 200	27.3	47.4	11 000	38.3	51.2	10 300	46.9	53.3	9 600				32.0
34.0							16.0	42.4	10 100	31.0	48.3	9 500	40.9	51.2	8 800	48.9	52.8	8 200	34.0
36.0										21.5	44.2	8 700	34.0	48.6	8 100	43.1	50.8	7 600	36.0
38.0													25.6	45.1	7 600	36.5	48.4	7 000	38.0
40.0																28.8	45.3	6 500	40.0
42.0																18.3	40.7	6 000	42.0

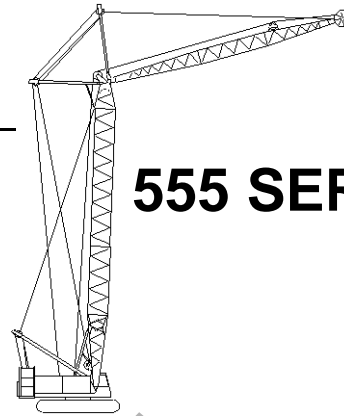


# Liftcrane Luffing Jib Capacities

## 555 SERIES 2

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

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



### 33.5m (110 Ft.) Boom, 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	28 100*b													14.0
16.0	64.7	62.9	25 100*	68.3	63.5	26 400*													16.0
18.0	60.5	61.9	23 400*	64.2	62.7	24 100													18.0
20.0	56.1	60.6	21 600	59.9	61.6	21 200	66.1	62.7	20 000										20.0
22.0	51.4	59.2	19 500	55.5	60.3	18 800	61.9	61.7	17 700										22.0
24.0	46.4	57.4	17 400	50.8	58.8	16 800	57.5	60.5	15 800										24.0
26.0	41.0	55.3	15 700	45.8	57.0	15 200	52.9	59.1	14 300	59.4	60.4	13 300							26.0
28.0	34.8	52.7	14 300	40.2	54.9	13 800	48.1	57.5	12 900	54.9	59.1	12 100							28.0
30.0	27.6	49.5	13 100	34.0	52.3	12 600	42.8	55.5	11 800	50.2	57.6	11 000							30.0
32.0	17.8	44.7	11 200	26.5	48.8	11 600	36.9	53.1	10 800	45.1	55.7	10 100	52.1	57.3	9 400				32.0
34.0				16.2	43.7	10 300	30.1	50.1	10 000	39.5	53.5	9 300	47.1	55.6	8 600				34.0
36.0							21.4	46.0	9 200	33.1	50.8	8 600	41.8	53.5	8 000	48.9	55.1	7 300	36.0
38.0							4.8	37.4	8 500	25.5	47.2	8 000	35.7	51.0	7 400	43.7	53.2	6 800	38.0
40.0													28.7	47.9	6 800	37.9	50.8	6 300	40.0
42.0													19.5	43.4	6 300	31.3	47.9	5 800	42.0
44.0																23.1	44.0	5 400	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	24 800*													16.0
18.0	63.4	65.3	22 100*	66.7	66.0	23 400*													18.0
20.0	59.5	64.2	20 900*	62.9	65.1	21 200													20.0
22.0	55.4	63.0	19 500	59.0	64.0	18 700	64.6	65.1	17 600										22.0
24.0	51.2	61.5	17 400	54.9	62.7	16 800	60.8	64.1	15 700										24.0
26.0	46.6	59.7	15 700	50.6	61.1	15 100	56.8	62.9	14 200	62.4	63.9	13 300							26.0
28.0	41.7	57.7	14 300	46.1	59.4	13 800	52.6	61.4	12 900	58.5	62.7	12 000							28.0
30.0	36.3	55.2	13 000	41.1	57.2	12 600	48.1	59.8	11 800	54.4	61.4	11 000							30.0
32.0	30.1	52.1	12 000	35.6	54.7	11 600	43.4	57.8	10 800	50.1	59.9	10 100	56.0	61.0	9 300				32.0
34.0	22.3	48.1	10 900	29.2	51.6	10 600	38.1	55.5	10 000	45.5	58.0	9 300	51.8	59.6	8 600				34.0
36.0				21.2	47.3	9 800	32.2	52.7	9 200	40.4	55.9	8 600	47.3	57.9	7 900				36.0
38.0				7.1	39.4	7 800	25.1	49.0	8 500	34.8	53.3	7 900	42.5	55.9	7 300				38.0
40.0							15.1	43.5	7 900	28.3	50.0	7 400	37.1	53.5	6 800	44.2	55.5	6 300	40.0
42.0													31.0	50.5	6 300	39.0	53.2	5 800	42.0
44.0													23.5	46.6	5 900	33.2	50.5	5 400	44.0
46.0																26.3	47.0	5 000	46.0
48.0																17.1	42.0	4 700	48.0





# Liftcrane Luffing Jib Capacities



## 555 SERIES 2

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

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

### 33.5m (110 Ft.) Boom, 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	20 500													20.0
22.0	58.7	66.6	18 300*	61.8	67.5	18 700	66.9	68.4	17 500										22.0
24.0	54.9	65.3	17 200	58.2	66.3	16 700	63.4	67.5	15 600										24.0
26.0	51.0	63.8	15 600	54.4	65.0	15 000	59.8	66.4	14 000										26.0
28.0	46.8	62.0	14 200	50.5	63.4	13 600	56.2	65.2	12 800	61.4	66.3	11 900							28.0
30.0	42.4	60.0	12 900	46.3	61.7	12 400	52.3	63.7	11 600	57.7	65.1	10 800							30.0
32.0	37.5	57.6	11 900	41.8	59.6	11 400	48.2	62.1	10 700	54.0	63.7	9 900							32.0
34.0	32.0	54.7	10 900	36.9	57.2	10 500	43.9	60.2	9 800	50.0	62.2	9 100	55.5	63.4	8 400				34.0
36.0	25.5	51.1	10 100	31.3	54.2	9 700	39.1	57.9	9 000	45.8	60.3	8 400	51.6	61.9	7 800				36.0
38.0	16.8	45.9	8 500	24.6	50.4	9 000	33.9	55.2	8 400	41.2	58.2	7 800	47.4	60.2	7 100				38.0
40.0				15.4	44.9	8 100	27.7	51.8	7 800	36.2	55.7	7 200	43.0	58.2	6 600	48.9	59.7	6 100	40.0
42.0							20.0	47.3	7 300	30.5	52.7	6 700	38.2	55.9	6 200	44.6	57.8	5 600	42.0
44.0							6.1	38.7	6 700	23.6	48.8	6 200	32.8	53.1	5 700	39.9	55.6	5 200	44.0
46.0													26.5	49.6	5 300	34.8	53.0	4 800	46.0
48.0													18.2	44.7	5 000	28.8	49.7	4 500	48.0
50.0																21.4	45.5	4 200	50.0

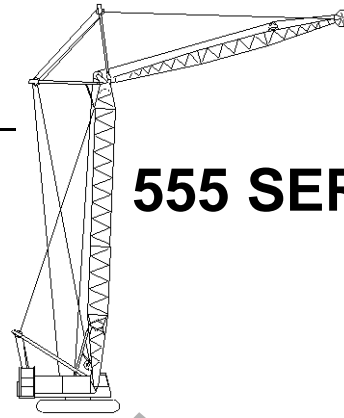


# Liftcrane Luffing Jib Capacities

## 555 SERIES 2

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

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



### 33.5m (110 Ft.) Boom, 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	17 900*													22.0
24.0	58.0	68.9	16 000*	60.9	69.8	16 600	65.6	70.9	15 500										24.0
26.0	54.5	67.6	15 100	57.5	68.7	14 900	62.4	69.9	13 900										26.0
28.0	50.8	66.1	14 100	54.0	67.3	13 500	59.1	68.8	12 600										28.0
30.0	47.0	64.3	12 800	50.4	65.7	12 300	55.6	67.5	11 500	60.5	68.6	10 700							30.0
32.0	42.9	62.3	11 800	46.5	64.0	11 300	52.0	66.1	10 500	57.1	67.4	9 700							32.0
34.0	38.5	60.0	10 900	42.4	61.9	10 400	48.3	64.4	9 700	53.6	66.0	9 000							34.0
36.0	33.6	57.2	10 000	37.9	59.6	9 600	44.3	62.5	9 000	49.9	64.5	8 300	55.0	65.7	7 600				36.0
38.0	27.9	53.9	9 300	32.9	56.7	8 900	40.0	60.3	8 300	46.0	62.7	7 600	51.4	64.2	7 000				38.0
40.0	20.9	49.5	8 500	27.1	53.3	8 300	35.2	57.7	7 700	41.8	60.6	7 100	47.6	62.5	6 500				40.0
42.0				19.9	48.7	7 700	29.8	54.5	7 200	37.3	58.2	6 600	43.5	60.5	6 000	48.9	62.0	5 500	42.0
44.0				7.7	40.5	6 100	23.4	50.5	6 700	32.2	55.3	6 100	39.1	58.2	5 600	44.9	60.1	5 100	44.0
46.0							14.4	44.7	6 200	26.3	51.7	5 700	34.3	55.6	5 200	40.7	57.9	4 700	46.0
48.0										18.8	46.9	5 300	28.8	52.3	4 800	36.0	55.4	4 400	48.0
50.0													22.0	48.1	4 500	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



## 555 SERIES 2

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

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

### 33.5m (110 Ft.) Boom, 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	14 500	64.5	73.3	13 800										26.0
28.0	54.1	69.9	12 900*	57.0	71.0	13 400	61.5	72.3	12 400										28.0
30.0	50.7	68.4	12 100*	53.7	69.6	12 200	58.4	71.2	11 400										30.0
32.0	47.2	66.6	11 400*	50.3	68.0	11 200	55.2	69.8	10 400	59.7	71.0	9 600							32.0
34.0	43.4	64.6	10 700	46.7	66.3	10 300	51.8	68.4	9 600	56.6	69.8	8 800							34.0
36.0	39.3	62.4	9 900	42.9	64.2	9 500	48.3	66.7	8 800	53.3	68.3	8 100							36.0
38.0	34.9	59.7	9 200	38.8	61.9	8 800	44.6	64.8	8 100	49.8	66.8	7 500	54.6	68.0	6 800				38.0
40.0	29.8	56.6	8 500	34.3	59.2	8 200	40.7	62.6	7 600	46.2	65.0	6 900	51.2	66.5	6 300				40.0
42.0	23.9	52.6	8 000	29.1	56.0	7 600	36.3	60.1	7 000	42.4	62.9	6 400	47.7	64.8	5 900				42.0
44.0	16.0	47.1	6 500*	23.0	51.9	7 100	31.5	57.1	6 500	38.2	60.6	6 000	43.9	62.8	5 400	48.9	64.3	4 900	44.0
46.0				14.7	46.1	6 400	25.9	53.5	6 100	33.7	57.8	5 600	39.9	60.6	5 100	45.2	62.4	4 500	46.0
48.0							18.9	48.6	5 700	28.4	54.5	5 200	35.5	58.0	4 700	41.3	60.3	4 200	48.0
50.0							6.8	39.9	5 100	22.2	50.2	4 800	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	3 400	54.0
56.0																20.2	46.8	3 100	56.0

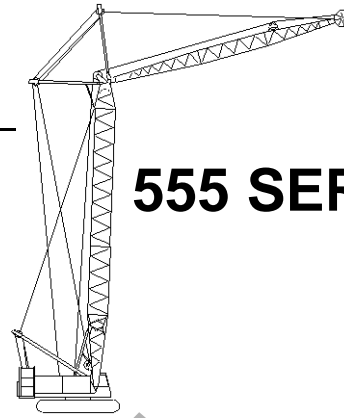


# Liftcrane Luffing Jib Capacities

## 555 SERIES 2

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

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

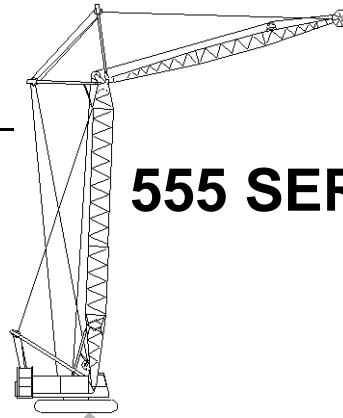


### 33.5m (110 Ft.) Boom, 45.7m (150 Ft.) Luffing Jib

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	12 100*										28.0
30.0	54.2	72.4	9 800*	56.9	73.5	10 400*	61.1	74.8	11 300										30.0
32.0	51.1	70.9	9 200*	53.9	72.1	9 800*	58.2	73.7	10 300	62.3	74.7	9 600							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	8 800							34.0
36.0	44.3	67.3	8 100*	47.4	68.9	8 600*	52.1	70.9	8 800	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	8 100	53.5	70.9	7 500							38.0
40.0	36.6	62.6	7 100*	40.1	64.7	7 600*	45.5	67.4	7 500	50.3	69.3	6 900	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	7 000	46.9	67.6	6 400	51.5	69.1	5 800				42.0
44.0	27.1	56.1	6 300*	31.6	59.1	6 700*	37.9	62.9	6 500	43.4	65.6	5 900	48.3	67.4	5 400				44.0
46.0	20.9	51.7	6 000*	26.4	55.5	6 300*	33.6	60.1	6 100	39.6	63.3	5 500	44.8	65.5	5 000	49.4	66.8	4 500	46.0
48.0	12.0	44.9	5 100*	20.0	50.9	6 000*	28.8	56.8	5 700	35.5	60.7	5 200	41.1	63.3	4 700	46.0	65.0	4 200	48.0
50.0				10.5	43.5	5 100*	23.1	52.7	5 300	30.9	57.7	4 800	37.2	60.9	4 300	42.4	63.0	3 900	50.0
52.0							15.5	47.0	5 000	25.6	53.9	4 500	32.8	58.0	4 100	38.6	60.6	3 600	52.0
54.0										19.1	49.1	4 200	27.8	54.6	3 800	34.4	57.9	3 400	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	2 900	58.0
60.0																16.9	45.4	2 700	60.0



# Liftcrane Luffing Jib Capacities



## 555 SERIES 2

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

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

### 33.5m (110 Ft.) Boom, 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	8 600				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	7 900				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	7 300				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	6 700	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	6 200	54.3	72.9	5 700	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	5 800	51.4	71.4	5 300	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	5 400	48.3	69.7	4 800	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	5 000	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	4 700	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	3 500	24.3	53.3	3 100	58.0
60.0													17.8	48.2	2 900	60.0

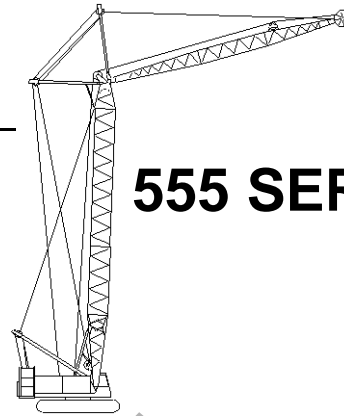


# Liftcrane Luffing Jib Capacities

## 555 SERIES 2

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

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



### 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	32 800b													14.0
16.0	45.1	51.3	26 400*	53.0	52.9	28 700b													16.0
18.0	35.4	49.0	23 900*	44.7	51.1	24 600	57.4	53.2	23 200b										18.0
20.0	22.4	45.3	21 600*	34.9	48.7	21 600	49.6	51.7	20 300	61.5	53.2	19 100b							20.0
22.0				21.6	45.0	19 100	40.8	49.8	18 000	54.1	51.9	16 900b							22.0
24.0							30.0	47.0	16 200	45.9	50.2	15 100							24.0
26.0										36.3	47.9	13 700	50.2	50.2	12 800				26.0
28.0										23.8	44.5	12 400	41.5	48.2	11 600				28.0
30.0													30.9	45.5	10 600	45.8	48.0	9 900	30.0
32.0													14.6	40.7	9 700	36.2	45.7	9 000	32.0
34.0																23.6	42.2	8 300	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	31 800*b													14.0
16.0	52.8	55.4	26 000*	59.0	56.5	28 400b													16.0
18.0	45.7	53.6	23 500*	52.5	55.2	24 600	62.5	56.7	23 100b										18.0
20.0	37.6	51.4	21 500*	45.3	53.4	21 500	56.3	55.6	20 200										20.0
22.0	27.6	48.3	19 800	37.2	51.1	19 100	49.6	54.0	17 900	59.8	55.5	16 800b							22.0
24.0	11.4	42.6	14 500	27.1	48.0	17 100	42.1	52.1	16 100	53.4	54.2	15 000							24.0
26.0										33.3	49.5	14 500	46.3	52.5	13 600	56.8	54.0	12 600	26.0
28.0										21.6	45.7	13 200	38.4	50.3	12 300	50.1	52.5	11 500	28.0
30.0													28.6	47.3	11 300	42.6	50.6	10 500	30.0
32.0													13.7	42.1	10 300	34.0	48.0	9 600	32.0
34.0																22.6	44.3	8 800	34.0
36.0																			36.0
38.0																			38.0

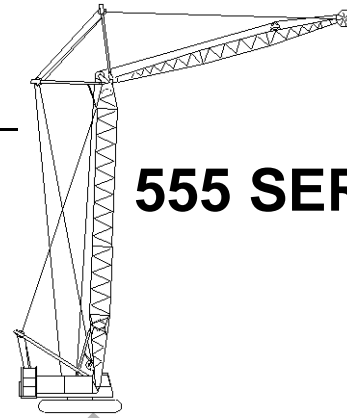


# Liftcrane Luffing Jib Capacities

# 555 SERIES 2

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

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



## 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	30 700*b													14.0
16.0	58.0	59.1	25 900*	63.2	60.0	27 800b													16.0
18.0	52.3	57.7	23 300*	57.8	58.9	24 500													18.0
20.0	46.1	56.0	21 200*	52.0	57.5	21 400	60.9	59.1	20 000										20.0
22.0	39.1	53.8	19 500	45.8	55.7	18 900	55.4	57.9	17 800										22.0
24.0	30.9	50.9	17 600	38.8	53.5	17 000	49.5	56.3	15 900	58.5	57.9	14 900							24.0
26.0	20.0	46.7	15 700*	30.5	50.6	15 300	43.0	54.4	14 400	52.8	56.5	13 400							26.0
28.0				19.4	46.3	13 900	35.5	52.0	13 000	46.7	54.8	12 100	55.8	56.3	11 300				28.0
30.0							26.4	48.7	11 900	39.8	52.7	11 100	49.9	54.8	10 300				30.0
32.0							12.1	42.9	10 900	31.8	49.9	10 200	43.5	52.9	9 400	52.7	54.3	8 700	32.0
34.0										21.2	45.9	9 400	36.1	50.5	8 700	46.6	52.6	8 000	34.0
36.0													27.2	47.2	8 000	39.7	50.5	7 400	36.0
38.0													13.6	41.9	7 400	31.6	47.7	6 800	38.0
40.0																21.0	43.6	6 300	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	29 000*b													14.0
16.0	61.9	62.6	25 400*	66.4	63.4	26 500*													16.0
18.0	57.1	61.4	23 300*	61.7	62.4	24 200													18.0
20.0	51.9	60.0	21 200*	56.8	61.2	21 200	64.4	62.6	19 900										20.0
22.0	46.4	58.3	19 400	51.7	59.8	18 800	59.7	61.5	17 600										22.0
24.0	40.3	56.1	17 600	46.2	58.0	16 900	54.7	60.2	15 800										24.0
26.0	33.4	53.5	15 800	40.0	55.9	15 200	49.4	58.7	14 200	57.5	60.2	13 300							26.0
28.0	24.7	49.9	14 300	33.0	53.2	13 800	43.7	56.7	12 900	52.4	58.8	12 000							28.0
30.0	11.2	43.7	10 800*	24.3	49.5	12 600	37.2	54.4	11 800	46.9	57.1	11 000	55.1	58.6	10 200				30.0
32.0				10.2	43.1	11 300				40.9	55.1	10 100	49.8	57.1	9 300				32.0
34.0							19.6	47.0	10 000	34.0	52.5	9 300	44.1	55.2	8 600				34.0
36.0										25.6	49.0	8 600	37.7	52.9	7 900	46.9	54.9	7 300	36.0
38.0										13.0	43.2	7 900	30.3	49.9	7 300	40.8	52.8	6 700	38.0
40.0													20.5	45.7	6 800				40.0
42.0																25.5	46.7	5 800	42.0
44.0																12.7	40.9	5 300	44.0

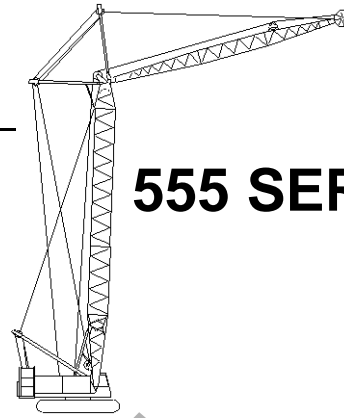


# Liftcrane Luffing Jib Capacities

## 555 SERIES 2

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

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



### 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	25 600*													16.0
18.0	60.7	65.0	22 600*	64.7	65.8	23 500*													18.0
20.0	56.3	63.7	20 900*	60.5	64.8	21 100	67.1	65.9	19 700										20.0
22.0	51.6	62.3	19 300	56.1	63.5	18 700	63.0	65.0	17 400										22.0
24.0	46.7	60.6	17 400	51.4	62.1	16 700	58.7	63.8	15 600										24.0
26.0	41.3	58.5	15 700	46.4	60.3	15 100	54.2	62.5	14 100	61.1	63.8	13 000							26.0
28.0	35.2	56.0	14 300	41.0	58.2	13 700	49.4	61.0	12 800	56.7	62.6	11 800							28.0
30.0	28.0	52.7	13 000	34.9	55.7	12 500	44.2	59.1	11 700	52.1	61.1	10 800							30.0
32.0	18.5	48.0	11 600	27.6	52.4	11 500	38.5	56.8	10 700	47.1	59.4	9 900	54.5	60.9	9 100				32.0
34.0				17.9	47.6	10 500	32.0	54.0	9 800	41.8	57.4	9 100	49.7	59.4	8 400				34.0
36.0							24.0	50.2	9 100	35.8	54.9	8 400	44.6	57.5	7 700				36.0
38.0							11.7	44.0	8 400	28.7	51.7	7 800	39.0	55.3	7 100	47.1	57.2	6 500	38.0
40.0										19.5	47.3	7 200	32.5	52.5	6 600	41.7	55.1	6 000	40.0
42.0													24.7	48.8	6 100	35.7	52.7	5 600	42.0
44.0													13.0	43.0	5 700	28.6	49.5	5 200	44.0
46.0																19.4	45.0	4 800	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*																16.0
18.0	63.6	68.4	21 900*	70.8	69.9	24 400*													18.0
20.0	59.7	67.3	20 400*	63.4	68.2	21 100													20.0
22.0	55.7	66.1	18 900*	59.5	67.2	18 700	65.6	68.3	17 400										22.0
24.0	51.4	64.6	17 400	55.5	65.9	16 700	61.8	67.4	15 600										24.0
26.0	46.9	62.9	15 700	51.2	64.4	15 100	57.8	66.2	14 000										26.0
28.0	42.0	60.8	14 300	46.7	62.7	13 700	53.7	64.8	12 800	60.1	66.2	11 800							28.0
30.0	36.6	58.4	13 000	41.8	60.6	12 500	49.3	63.2	11 600	56.0	64.9	10 800							30.0
32.0	30.4	55.4	12 000	36.4	58.1	11 500	44.7	61.4	10 700	51.8	63.5	9 900							32.0
34.0	22.8	51.4	10 900	30.1	55.1	10 600	39.6	59.2	9 800	47.3	61.7	9 100	54.0	63.2	8 400				34.0
36.0	11.0	44.8	8 300*	22.4	51.0	9 800	33.9	56.5	9 100	42.5	59.7	8 400	49.7	61.7	7 700				36.0
38.0				10.2	44.2	8 600	27.1	53.1	8 400	37.1	57.3	7 800	45.0	59.8	7 100				38.0
40.0							18.2	48.3	7 800	31.0	54.4	7 200	40.0	57.7	6 600	47.3	59.5	6 000	40.0
42.0										23.6	50.5	6 700	34.3	55.0	6 100	42.4	57.5	5 600	42.0
44.0										12.5	44.4	6 200	27.7	51.7	5 700	37.1	55.1	5 200	44.0
46.0													19.0	47.0	5 300	30.9	52.1	4 800	46.0
48.0																23.5	48.2	4 500	48.0
50.0																12.3	42.0	4 200	50.0



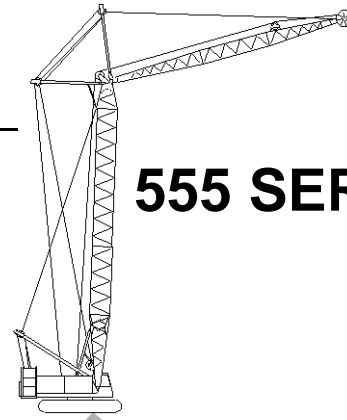


# Liftcrane Luffing Jib Capacities

# 555 SERIES 2

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

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



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

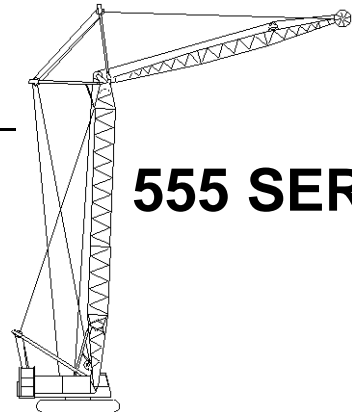


# Liftcrane Luffing Jib Capacities

## 555 SERIES 2

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

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



### 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	17 800*													22.0
24.0	58.1	72.0	15 900*	61.3	73.0	16 500													24.0
26.0	54.7	70.7	15 000	58.0	71.8	14 800	63.2	73.2	13 800										26.0
28.0	51.0	69.2	14 100	54.5	70.5	13 400	60.0	72.1	12 400										28.0
30.0	47.2	67.5	12 800	50.9	69.0	12 300	56.5	70.9	11 400										30.0
32.0	43.1	65.5	11 700	47.0	67.2	11 200	53.0	69.5	10 400	58.5	70.9	9 600							32.0
34.0	38.7	63.2	10 800	43.0	65.2	10 400	49.3	67.8	9 600	55.0	69.6	8 800							34.0
36.0	33.8	60.5	10 000	38.5	62.9	9 600	45.4	66.0	8 800	51.4	68.1	8 100							36.0
38.0	28.2	57.1	9 300	33.6	60.2	8 900	41.1	63.9	8 200	47.6	66.3	7 500	53.3	67.9	6 800				38.0
40.0	21.3	52.8	8 500	28.0	56.8	8 200	36.5	61.4	7 600	43.5	64.4	6 900	49.6	66.3	6 300				40.0
42.0	10.9	45.9	6 300*	21.0	52.4	7 700	31.3	58.4	7 000	39.1	62.1	6 400	45.7	64.4	5 800	51.3	65.8	5 200	42.0
44.0				10.2	45.2	6 600	25.2	54.7	6 600	34.3	59.4	6 000	41.5	62.3	5 400	47.5	64.1	4 800	44.0
46.0							17.2	49.6	6 100	28.8	56.2	5 600	36.9	59.9	5 000	43.5	62.1	4 500	46.0
48.0										22.0	52.0	5 200	31.7	57.0	4 700	39.1	59.8	4 200	48.0
50.0										12.2	45.5	4 900	25.7	53.3	4 300	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	3 400	54.0
56.0																12.0	43.1	3 100	56.0

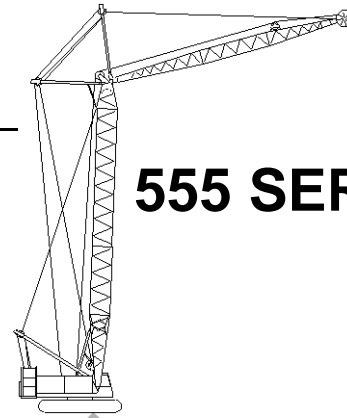


# Liftcrane Luffing Jib Capacities

# 555 SERIES 2

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

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



## 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	15 400*										24.0
26.0	57.5	74.4	13 700*	60.5	75.4	14 500	65.3	76.6	13 600							26.0
28.0	54.3	73.0	12 900*	57.4	74.2	13 300	62.3	75.6	12 300							28.0
30.0	50.9	71.5	12 100*	54.1	72.8	12 100	59.2	74.5	11 200							30.0
32.0	47.3	69.8	11 400*	50.7	71.3	11 100	56.0	73.2	10 200	60.9	74.4	9 400				32.0
34.0	43.6	67.8	10 700	47.2	69.6	10 200	52.7	71.8	9 400	57.8	73.2	8 600				34.0
36.0	39.5	65.5	9 900	43.4	67.6	9 400	49.3	70.2	8 700	54.6	71.9	7 900				36.0
38.0	35.1	62.9	9 100	39.3	65.3	8 700	45.6	68.3	8 000	51.2	70.4	7 300				38.0
40.0	30.1	59.8	8 500	34.9	62.7	8 100	41.7	66.2	7 400	47.7	68.7	6 700	53.0	70.2	6 100	40.0
42.0	24.2	55.9	7 900	29.9	59.5	7 600	37.5	63.8	6 900	43.9	66.7	6 300	49.5	68.6	5 600	42.0
44.0	16.5	50.5	6 700	23.9	55.6	7 000	32.9	61.0	6 400	39.9	64.5	5 800	45.9	66.8	5 200	44.0
46.0				16.1	50.1	6 500	27.5	57.5	6 000	35.5	61.9	5 400	42.0	64.7	4 800	46.0
48.0							21.0	53.1	5 600	30.6	58.8	5 000	37.8	62.3	4 500	48.0
50.0							11.3	46.2	5 200	24.8	55.0	4 700	33.2	59.5	4 200	50.0
52.0										17.3	49.8	4 400	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

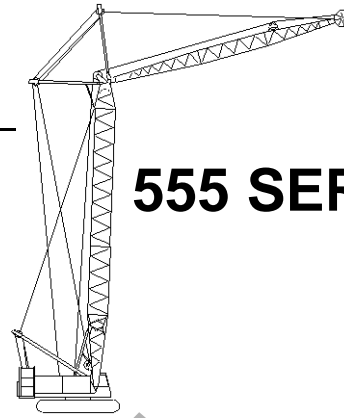


# Liftcrane Luffing Jib Capacities

## 555 SERIES 2

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

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



### 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	13 000*							26.0
28.0	57.4	76.9	10 500*	60.2	77.9	11 200*	64.7	79.2	12 200							28.0
30.0	54.4	75.6	9 800*	57.3	76.7	10 500*	61.9	78.1	11 200							30.0
32.0	51.3	74.1	9 200*	54.3	75.4	9 800*	59.0	77.0	10 200							32.0
34.0	48.0	72.3	8 700*	51.1	73.8	9 200*	56.0	75.7	9 400	60.6	76.9	8 600				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	7 900				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	7 300				38.0
40.0	36.8	65.8	7 200*	40.6	68.0	7 600*	46.4	70.9	7 400	51.6	72.9	6 700	56.3	74.1	6 100	40.0
42.0	32.4	62.9	6 800*	36.6	65.5	7 200*	42.8	68.9	6 900	48.3	71.2	6 200	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	6 400	44.8	69.3	5 800	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	6 000	41.2	67.2	5 400	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	5 600	37.2	64.7	5 000	43.1	67.3	4 500	48.0
50.0				12.1	47.9	5 400*	24.7	56.9	5 200	32.8	61.9	4 700	39.3	65.1	4 200	50.0
52.0							17.8	51.8	4 900	27.8	58.5	4 400	35.1	62.4	3 900	52.0
54.0										21.9	54.1	4 100	30.5	59.3	3 600	54.0
56.0										13.7	47.9	3 800	25.1	55.5	3 400	56.0
58.0													18.4	50.5	3 100	58.0



# Liftcrane Luffing Jib Capacities



## 555 SERIES 2

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

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

### 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	9 800*				32.0
34.0	51.1	76.3	7 600*	54.0	77.7	8 200*	58.4	79.4	9 100				34.0
36.0	48.0	74.7	7 100*	51.0	76.2	7 600*	55.6	78.1	8 500	59.9	79.3	7 700	36.0
38.0	44.8	72.7	6 600*	47.9	74.4	7 100*	52.7	76.6	7 800	57.2	78.1	7 100	38.0
40.0	41.4	70.6	6 200*	44.6	72.5	6 600*	49.7	75.0	7 200	54.3	76.7	6 600	40.0
42.0	37.7	68.2	5 700*	41.2	70.4	6 200*	46.6	73.2	6 700	51.4	75.2	6 100	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	5 700	44.0
46.0	29.1	62.1	5 000*	33.4	65.1	5 300*	39.7	68.9	5 800	45.1	71.6	5 200	46.0
48.0	23.8	58.1	4 600*	28.9	61.8	5 000*	35.8	66.4	5 400	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	5 100	38.0	67.1	4 500	50.0
52.0				16.8	52.3	4 300*	26.8	59.8	4 700	34.0	64.4	4 200	52.0
54.0							21.0	55.3	4 400	29.5	61.2	3 900	54.0
56.0							12.9	48.7	4 100	24.4	57.2	3 700	56.0
58.0										17.8	52.0	3 400	58.0

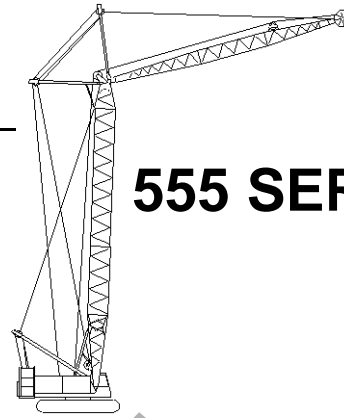


# Liftcrane Luffing Jib Capacities

## 555 SERIES 2

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

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



### 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	31 400*b													14.0
16.0	45.6	54.5	25 700*	54.1	56.1	28 100b													16.0
18.0	35.9	52.2	23 400*	45.9	54.4	24 600	59.4	56.5	23 000b										18.0
20.0	23.2	48.6	21 200*	36.3	52.1	21 500	51.8	55.2	20 100b										20.0
22.0				23.8	48.7	19 100	43.3	53.3	17 800	57.1	55.4	16 600b							22.0
24.0							33.1	50.8	16 000	49.2	53.9	14 800							24.0
26.0										40.3	51.9	13 400	54.4	53.8	12 400b				26.0
28.0										29.3	49.0	12 200	46.2	52.2	11 300				28.0
30.0													36.7	49.9	10 300				30.0
32.0													24.4	46.5	9 400	42.6	50.0	8 700	32.0
34.0																32.2	47.4	8 000	34.0
36.0																17.2	43.0	7 300	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	30 400*b													14.0
16.0	53.1	58.5	25 300*	59.8	59.7	27 500*b													16.0
18.0	46.1	56.8	23 000*	53.8	58.4	24 500	64.1	60.0	22 900b										18.0
20.0	38.0	54.6	21 100*	46.3	56.7	21 400	58.0	58.9	20 000b										20.0
22.0	28.2	51.5	19 400	38.3	54.5	19 000	51.4	57.5	17 700										22.0
24.0	12.8	46.2	15 200	28.6	51.5	17 000	44.1	55.7	15 900	56.0	57.7	14 700							24.0
26.0							35.8	53.3	14 400	49.2	56.2	13 300							26.0
28.0							25.2	49.9	13 000	41.6	54.2	12 100	53.6	56.2	11 100				28.0
30.0										32.8	51.6	11 000	46.6	54.5	10 200				30.0
32.0										20.8	47.6	10 100	38.7	52.3	9 300	50.8	54.2	8 500	32.0
34.0													29.0	49.3	8 600	43.5	52.3	7 900	34.0
36.0													14.5	44.3	7 900	35.0	49.9	7 200	36.0
38.0																24.1	46.4	6 700	38.0

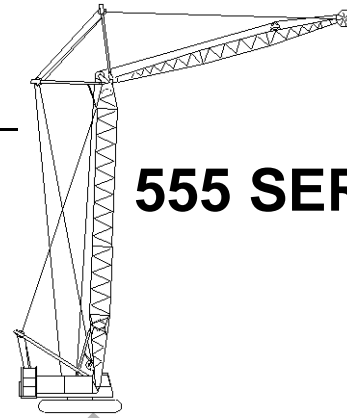


# Liftcrane Luffing Jib Capacities

# 555 SERIES 2

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

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



## 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	29 300*b													14.0
16.0	58.3	62.2	25 100*	63.9	63.2	26 700*b													16.0
18.0	52.6	60.8	22 700*	58.5	62.1	24 200													18.0
20.0	46.4	59.1	20 600*	52.8	60.7	21 300	62.4	62.4	19 800										20.0
22.0	39.5	57.0	19 100*	46.7	59.0	18 800	56.9	61.2	17 500										22.0
24.0	31.4	54.2	17 600	39.8	56.9	16 900	51.1	59.8	15 700										24.0
26.0	20.7	50.1	15 800	31.7	54.1	15 300	44.8	58.0	14 200	55.1	60.0	13 100							26.0
28.0				21.2	50.1	13 900	37.6	55.7	12 900	49.2	58.5	11 900							28.0
30.0							29.1	52.7	11 800	42.6	56.5	10 900	53.1	58.5	10 000				30.0
32.0							17.0	48.0	10 800	35.1	54.1	10 000	46.9	56.8	9 100				32.0
34.0										25.9	50.7	9 200	40.1	54.7	8 400	50.6	56.5	7 600	34.0
36.0													32.1	51.9	7 800	44.2	54.6	7 000	36.0
38.0													21.7	48.0	7 200	37.0	52.3	6 500	38.0
40.0																28.3	49.2	6 000	40.0
42.0																15.7	44.2	5 600	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	27 700*b													14.0
16.0	62.2	65.7	24 200*	67.0	66.5	25 400*b													16.0
18.0	57.3	64.5	22 300*	62.3	65.6	23 400*													18.0
20.0	52.2	63.1	20 600*	57.5	64.4	21 200	65.6	65.8	19 700										20.0
22.0	46.7	61.4	18 900*	52.4	63.0	18 800	61.0	64.8	17 400										22.0
24.0	40.7	59.3	17 500	46.9	61.3	16 800	56.1	63.6	15 600										24.0
26.0	33.8	56.7	15 800	40.9	59.2	15 200	50.9	62.1	14 100	59.5	63.7	13 000							26.0
28.0	25.3	53.1	14 400	34.0	56.6	13 800	45.3	60.3	12 800	54.5	62.4	11 800							28.0
30.0	12.3	47.3	11 400	25.6	53.2	12 600	39.0	58.1	11 700	49.1	60.8	10 700							30.0
32.0				12.9	47.4	11 600	31.8	55.3	10 700	43.4	58.9	9 800	52.6	60.8	9 000				32.0
34.0							22.7	51.4	9 900	36.9	56.5	9 100	47.2	59.1	8 300				34.0
36.0										29.2	53.4	8 400	41.2	57.0	7 600	50.4	58.8	6 900	36.0
38.0										19.0	49.0	7 700	34.3	54.5	7 100	44.8	57.0	6 400	38.0
40.0													26.0	51.0	6 600	38.5	54.7	5 900	40.0
42.0																13.7	45.5	6 000	42.0
44.0																21.8	47.8	5 100	44.0

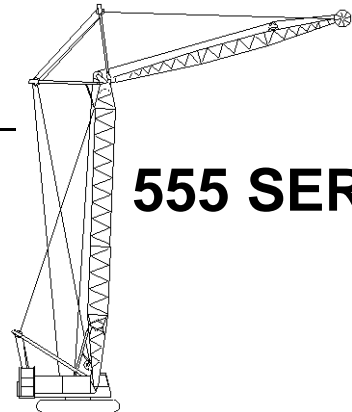


# Liftcrane Luffing Jib Capacities

## 555 SERIES 2

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

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



### 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	24 500*													16.0
18.0	60.9	68.1	21 600*	65.3	69.0	22 600*													18.0
20.0	56.5	66.9	19 900*	61.1	68.0	20 900													20.0
22.0	51.9	65.4	18 500*	56.7	66.8	18 600	64.1	68.2	17 300										22.0
24.0	47.0	63.7	17 200*	52.1	65.3	16 700	59.8	67.2	15 400										24.0
26.0	41.6	61.7	15 700	47.1	63.6	15 000	55.4	65.9	13 900	62.8	67.1	12 800							26.0
28.0	35.5	59.1	14 300	41.8	61.6	13 600	50.7	64.4	12 600	58.5	66.0	11 600							28.0
30.0	28.4	55.9	13 000	35.8	59.1	12 500	45.6	62.6	11 500	53.9	64.7	10 600							30.0
32.0	19.1	51.4	12 000	28.7	55.9	11 400	40.1	60.5	10 600	49.1	63.1	9 700	56.9	64.5	8 800				32.0
34.0				19.5	51.5	10 500	33.9	57.8	9 700	44.0	61.2	8 900	52.3	63.1	8 100				34.0
36.0							26.4	54.3	9 000	38.2	58.9	8 200	47.3	61.4	7 500				36.0
38.0							15.9	49.2	8 300	31.7	56.0	7 600	42.0	59.4	6 900				38.0
40.0										23.5	52.2	7 100	36.0	56.9	6 400	45.2	59.3	5 700	40.0
42.0													29.0	53.8	5 900	39.6	57.1	5 300	42.0
44.0													19.9	49.4	5 500	33.3	54.4	4 900	44.0
46.0																25.7	50.8	4 600	46.0
48.0																14.8	45.4	4 200	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	21 900*													18.0
20.0	59.9	70.4	19 400*	63.9	71.4	20 300													20.0
22.0	55.9	69.2	18 100*	60.1	70.3	18 700	66.6	71.6	17 200										22.0
24.0	51.6	67.7	16 900*	56.0	69.1	16 600	62.8	70.6	15 400										24.0
26.0	47.1	66.0	15 700	51.8	67.6	15 000	58.9	69.5	13 900										26.0
28.0	42.3	64.0	14 300	47.3	65.9	13 600	54.8	68.2	12 600	61.6	69.5	11 500							28.0
30.0	36.9	61.6	13 000	42.5	63.9	12 400	50.5	66.7	11 500	57.6	68.4	10 500							30.0
32.0	30.8	58.6	12 000	37.1	61.5	11 400	45.9	64.9	10 500	53.5	67.0	9 600							32.0
34.0	23.2	54.7	11 000	31.0	58.6	10 500	41.0	62.8	9 700	49.1	65.4	8 800	56.2	66.8	8 100				34.0
36.0	11.9	48.3	8 800*	23.5	54.7	9 700	35.5	60.3	9 000	44.4	63.5	8 200	52.0	65.4	7 400				36.0
38.0				12.5	48.5	9 000	29.0	57.1	8 300	39.3	61.3	7 600	47.5	63.7	6 800				38.0
40.0							20.9	52.8	7 700	33.5	58.6	7 000	42.7	61.7	6 300	50.2	63.4	5 700	40.0
42.0										26.7	55.1	6 600	37.3	59.3	5 900	45.6	61.6	5 300	42.0
44.0										17.7	50.2	6 100	31.3	56.4	5 500	40.6	59.4	4 900	44.0
46.0													23.9	52.6	5 100	35.0	56.8	4 500	46.0
48.0													13.1	46.6	4 700	28.5	53.6	4 200	48.0
50.0																20.2	49.2	3 900	50.0



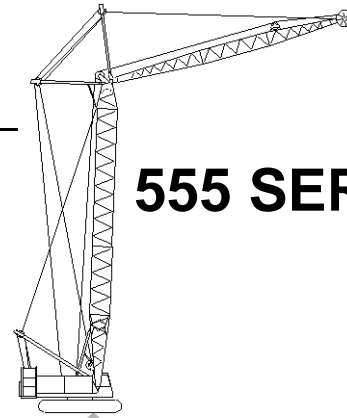


# Liftcrane Luffing Jib Capacities

# 555 SERIES 2

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

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



## 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	21 000*													18.0
20.0	62.6	73.9	18 800*	66.2	74.8	19 600*													20.0
22.0	59.1	72.8	17 500*	62.8	73.8	18 200													22.0
24.0	55.3	71.5	16 400*	59.2	72.7	16 500	65.3	74.0	15 200										24.0
26.0	51.4	70.0	15 300	55.5	71.4	14 800	61.7	73.0	13 700										26.0
28.0	47.3	68.3	14 200	51.6	69.9	13 500	58.1	71.9	12 400										28.0
30.0	42.9	66.3	12 900	47.4	68.2	12 300	54.4	70.5	11 300	60.6	71.9	10 300							30.0
32.0	38.0	64.0	11 800	43.0	66.2	11 300	50.4	69.0	10 400	57.0	70.7	9 400							32.0
34.0	32.6	61.2	10 900	38.2	63.9	10 400	46.2	67.2	9 500	53.1	69.3	8 700							34.0
36.0	26.2	57.6	10 100	32.8	61.1	9 600	41.7	65.1	8 800	49.1	67.7	8 000	55.6	69.2	7 200				36.0
38.0	17.9	52.7	9 000	26.5	57.6	8 900	36.7	62.7	8 100	44.8	65.8	7 400	51.7	67.7	6 600				38.0
40.0				18.2	52.7	8 300	31.1	59.7	7 600	40.2	63.6	6 800	47.6	66.0	6 200				40.0
42.0							24.4	55.9	7 000	35.0	61.0	6 400	43.2	64.0	5 700	50.1	65.7	5 100	42.0
44.0							15.1	50.3	6 600	29.2	57.9	5 900	38.4	61.7	5 300	45.9	63.9	4 700	44.0
46.0										21.9	53.7	5 500	33.1	58.9	4 900	41.3	61.8	4 300	46.0
48.0													26.8	55.5	4 600	36.3	59.3	4 000	48.0
50.0													18.7	50.7	4 300	30.6	56.3	3 700	50.0
52.0																23.8	52.4	3 500	52.0
54.0																14.1	46.6	3 200	54.0

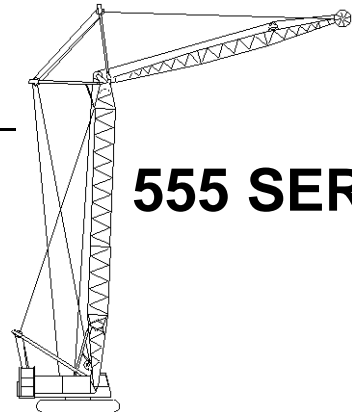


# Liftcrane Luffing Jib Capacities

## 555 SERIES 2

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

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



### 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	18 700*										20.0
22.0	61.7	76.3	16 700*	65.0	77.2	17 700*										22.0
24.0	58.3	75.2	15 800*	61.8	76.2	16 300										24.0
26.0	54.9	73.8	15 000*	58.4	75.1	14 800	64.1	76.5	13 500							26.0
28.0	51.2	72.3	14 000	55.0	73.7	13 400	60.8	75.4	12 300							28.0
30.0	47.4	70.6	12 800	51.4	72.2	12 200	57.5	74.2	11 200							30.0
32.0	43.4	68.6	11 700	47.6	70.5	11 200	54.0	72.8	10 200	59.8	74.3	9 300				32.0
34.0	39.0	66.3	10 800	43.5	68.6	10 300	50.3	71.3	9 400	56.4	73.0	8 500				34.0
36.0	34.1	63.7	10 000	39.1	66.3	9 500	46.4	69.5	8 700	52.8	71.6	7 900				36.0
38.0	28.5	60.4	9 300	34.3	63.6	8 800	42.3	67.5	8 100	49.1	70.0	7 300	55.1	71.5	6 500	38.0
40.0	21.7	56.1	8 600	28.8	60.3	8 200	37.8	65.1	7 500	45.2	68.1	6 700	51.5	70.0	6 000	40.0
42.0	11.7	49.4	6 700*	22.0	56.1	7 600	32.8	62.3	6 900	40.9	66.0	6 200	47.7	68.3	5 600	42.0
44.0				12.2	49.6	7 000	27.0	58.8	6 500	36.3	63.5	5 800	43.7	66.3	5 200	44.0
46.0							19.7	54.2	6 000	31.1	60.5	5 400	39.3	64.1	4 800	46.0
48.0										24.9	56.7	5 000	34.5	61.4	4 500	48.0
50.0										16.7	51.5	4 700	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

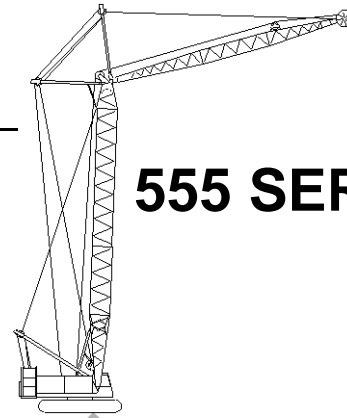


# Liftcrane Luffing Jib Capacities

# 555 SERIES 2

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

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



## 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	16 300*										22.0
24.0	60.8	78.7	14 400*	64.0	79.6	15 400*										24.0
26.0	57.7	77.5	13 600*	60.9	78.6	14 600	66.1	79.8	13 400							26.0
28.0	54.5	76.2	12 800*	57.8	77.4	13 200	63.1	78.9	12 100							28.0
30.0	51.1	74.6	12 100*	54.6	76.1	12 100	60.0	77.8	11 000							30.0
32.0	47.5	72.9	11 400*	51.2	74.6	11 100	56.9	76.6	10 100	62.1	77.8	9 100				32.0
34.0	43.8	71.0	10 700	47.7	72.8	10 100	53.6	75.2	9 300	59.1	76.6	8 400				34.0
36.0	39.8	68.7	9 900	43.9	70.9	9 400	50.2	73.6	8 500	55.9	75.4	7 700				36.0
38.0	35.3	66.1	9 100	39.9	68.7	8 700	46.6	71.8	7 900	52.6	73.9	7 100				38.0
40.0	30.4	63.0	8 500	35.5	66.1	8 100	42.8	69.8	7 300	49.1	72.3	6 600	54.7	73.8	5 800	40.0
42.0	24.6	59.2	7 900	30.6	63.0	7 500	38.7	67.5	6 800	45.4	70.4	6 100	51.3	72.3	5 400	42.0
44.0	17.0	53.9	6 900	24.8	59.2	7 000	34.2	64.8	6 300	41.5	68.3	5 700	47.8	70.6	5 000	44.0
46.0				17.3	54.0	6 500	29.0	61.5	5 900	37.3	65.9	5 200	44.1	68.7	4 600	46.0
48.0							22.9	57.4	5 500	32.6	63.0	4 900	40.1	66.4	4 300	48.0
50.0							14.5	51.5	5 100	27.2	59.6	4 500	35.7	63.9	4 000	50.0
52.0										20.6	55.1	4 200	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

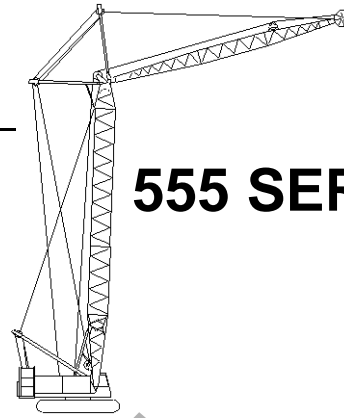


# Liftcrane Luffing Jib Capacities

## 555 SERIES 2

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

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



### 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	12 100				28.0
30.0	54.6	78.7	9 800*	57.7	79.9	10 500*	62.6	81.4	11 000				30.0
32.0	51.4	77.2	9 200*	54.7	78.6	9 900*	59.8	80.3	10 100				32.0
34.0	48.2	75.5	8 700*	51.5	77.1	9 300*	56.8	79.1	9 200	61.8	80.3	8 400	34.0
36.0	44.7	73.6	8 100*	48.3	75.4	8 700*	53.8	77.7	8 500	58.9	79.2	7 700	36.0
38.0	41.0	71.4	7 600*	44.8	73.5	8 200*	50.6	76.2	7 900	55.9	77.9	7 100	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	6 500	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	6 100	42.0
44.0	27.6	62.7	6 400*	32.8	66.1	6 800*	40.0	70.2	6 300	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	5 900	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	5 500	38.8	68.7	4 800	48.0
50.0				13.6	52.1	5 700	26.2	61.0	5 100	34.6	66.0	4 500	50.0
52.0							19.8	56.3	4 800	29.9	62.8	4 200	52.0
54.0										24.4	58.9	3 900	54.0
56.0										17.4	53.7	3 700	56.0



# Liftcrane Luffing Jib Capacities



## 555 SERIES 2

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

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

### 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	11 100*				28.0
30.0	57.1	82.4	8 800*	59.9	83.5	9 500*	64.5	84.8	10 600*				30.0
32.0	54.2	81.0	8 200*	57.2	82.3	8 800*	61.9	83.8	9 900				32.0
34.0	51.3	79.5	7 700*	54.3	80.9	8 300*	59.2	82.7	9 100				34.0
36.0	48.2	77.8	7 100*	51.4	79.4	7 700*	56.4	81.4	8 400	61.0	82.7	7 500	36.0
38.0	45.0	75.9	6 600*	48.3	77.7	7 200*	53.5	80.0	7 700	58.3	81.5	6 900	38.0
40.0	41.5	73.8	6 200*	45.1	75.8	6 700*	50.5	78.5	7 200	55.5	80.2	6 400	40.0
42.0	37.9	71.4	5 800*	41.7	73.7	6 200*	47.4	76.7	6 600	52.6	78.8	5 900	42.0
44.0	33.9	68.6	5 300*	38.0	71.3	5 800*	44.1	74.8	6 200	49.6	77.2	5 500	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	5 100	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	4 700	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	4 400	50.0
52.0				17.8	56.2	4 400*	28.1	63.8	4 600	35.6	68.4	4 100	52.0
54.0							22.7	59.6	4 300	31.4	65.4	3 800	54.0
56.0							15.4	53.8	4 000	26.5	61.8	3 500	56.0
58.0										20.6	57.2	3 300	58.0
60.0										12.4	50.5	3 100	60.0

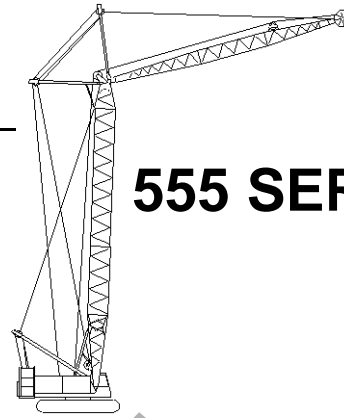


# Liftcrane Luffing Jib Capacities

## 555 SERIES 2

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

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



### 42.7m (140 Ft.) Boom, 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	30 200*b													14.0
16.0	46.0	57.6	25 100*	55.1	59.3	27 200*b													16.0
18.0	36.5	55.4	22 800*	47.0	57.7	24 300													18.0
20.0	24.1	51.9	20 800*	37.7	55.5	21 400	53.9	58.6	19 800b										20.0
22.0				25.8	52.3	18 900	45.7	56.9	17 600	60.0	58.8	16 300b							22.0
24.0							36.1	54.6	15 700	52.4	57.5	14 500							24.0
26.0							23.4	51.1	14 200	44.0	55.7	13 100							26.0
28.0										34.0	53.2	11 900	50.6	56.0	10 900b				28.0
30.0										20.3	49.3	10 800	41.9	54.1	10 000				30.0
32.0													31.4	51.4	9 100	48.2	54.0	8 300	32.0
34.0																39.2	51.9	7 600	34.0
36.0																27.8	48.9	7 000	36.0
38.0																6.2	42.4	6 500	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	29 200*b													14.0
16.0	53.5	61.6	24 600*	60.6	62.9	26 400*b													16.0
18.0	46.5	59.9	22 300*	54.2	61.6	24 100*													18.0
20.0	38.5	57.8	20 500*	47.3	60.0	21 300	59.6	62.2	19 700b										20.0
22.0	28.8	54.7	19 100*	39.5	57.9	18 900	53.2	60.9	17 500										22.0
24.0	14.0	49.7	15 600*	30.0	55.0	16 900	46.1	59.2	15 700	58.5	61.2	14 400							24.0
26.0							38.1	57.0	14 100	51.9	59.8	13 000							26.0
28.0							28.3	53.9	12 800	44.7	58.0	11 800							28.0
30.0							13.1	48.6	11 700	36.5	55.7	10 800	50.4	58.3	9 800				30.0
32.0										26.1	52.4	9 900	43.0	56.4	9 000	48.3	56.3	7 500	32.0
34.0													34.4	53.9	8 300	40.7	54.3	6 900	34.0
36.0													23.2	50.2	7 600	31.6	51.6	6 400	36.0
38.0																18.9	47.3	5 900	38.0
40.0																			40.0

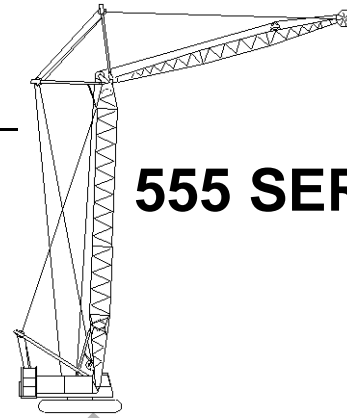


# Liftcrane Luffing Jib Capacities

# 555 SERIES 2

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

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



## 42.7m (140 Ft.) Boom, 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	27 600*b													14.0
16.0	58.6	65.3	23 900*	64.6	66.3	25 200*b													16.0
18.0	52.9	63.9	22 000*	59.2	65.3	23 100*													18.0
20.0	46.8	62.2	20 200*	53.6	64.0	21 100	63.8	65.7	19 600b										20.0
22.0	39.9	60.1	18 700*	47.5	62.3	18 800	58.4	64.6	17 300										22.0
24.0	31.9	57.4	17 300*	40.8	60.2	16 800	52.7	63.2	15 500										24.0
26.0	21.4	53.4	15 800	32.9	57.6	15 200	46.5	61.5	14 000	57.4	63.5	12 800							26.0
28.0				22.8	53.8	13 800	39.6	59.4	12 700	51.6	62.1	11 600							28.0
30.0							31.5	56.6	11 600	45.3	60.3	10 600							30.0
32.0							20.9	52.5	10 700	38.2	58.1	9 700	50.2	60.6	8 800				32.0
34.0										29.8	55.1	8 900	43.8	58.7	8 100				34.0
36.0										18.3	50.6	8 300	36.5	56.3	7 500	48.4	58.6	6 700	36.0
38.0													27.6	53.1	6 900	41.8	56.6	6 200	38.0
40.0																34.1	54.1	5 700	40.0
42.0																24.5	50.5	5 300	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	24 400*b													16.0
18.0	57.6	67.6	21 400*	63.0	68.8	22 400*													18.0
20.0	52.5	66.2	19 800*	58.2	67.6	20 600	66.9	69.0	19 400										20.0
22.0	47.0	64.6	18 300*	53.1	66.3	18 700	62.2	68.1	17 200										22.0
24.0	41.0	62.5	17 000*	47.7	64.6	16 700	57.4	66.9	15 400										24.0
26.0	34.2	59.9	15 800	41.7	62.6	15 100	52.3	65.5	13 900	61.3	67.1	12 700							26.0
28.0	25.8	56.4	14 300	35.0	60.1	13 700	46.8	63.8	12 600	56.5	65.8	11 500							28.0
30.0	13.3	50.8	11 700	26.9	56.7	12 500	40.7	61.7	11 500	51.3	64.4	10 500							30.0
32.0				15.2	51.5	11 500	33.8	59.1	10 600	45.7	62.6	9 600	55.3	64.4	8 700				32.0
34.0							25.4	55.6	9 700	39.5	60.5	8 800	50.1	62.9	8 000				34.0
36.0							12.5	49.7	9 000	32.4	57.7	8 200	44.4	61.0	7 400				36.0
38.0										23.5	53.9	7 600	38.0	58.7	6 800	48.5	60.9	6 100	38.0
40.0													30.6	55.8	6 300	42.6	59.0	5 600	40.0
42.0													21.0	51.7	5 800	36.0	56.5	5 200	42.0
44.0																28.2	53.3	4 800	44.0
46.0																17.4	48.6	4 500	46.0

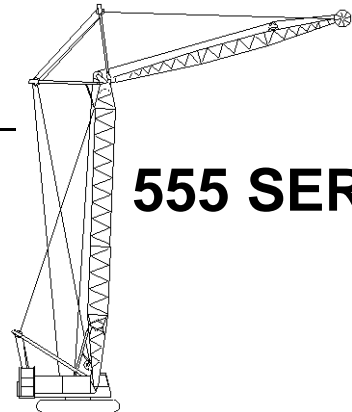


# Liftcrane Luffing Jib Capacities

## 555 SERIES 2

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

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



### 42.7m (140 Ft.) Boom, 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	23 400*b													16.0
18.0	61.2	71.2	20 700*	65.8	72.1	21 600*													18.0
20.0	56.8	70.0	19 200*	61.7	71.2	20 000*													20.0
22.0	52.2	68.6	17 800*	57.3	70.0	18 400	65.2	71.5	17 000										22.0
24.0	47.2	66.8	16 600*	52.7	68.6	16 600	61.0	70.5	15 200										24.0
26.0	41.9	64.8	15 500	47.8	66.9	14 900	56.6	69.3	13 700										26.0
28.0	35.9	62.3	14 300	42.5	64.9	13 500	52.0	67.8	12 400	60.2	69.4	11 300							28.0
30.0	28.8	59.2	13 000	36.6	62.5	12 400	47.0	66.1	11 300	55.8	68.2	10 300							30.0
32.0	19.7	54.7	11 900	29.7	59.4	11 400	41.6	64.1	10 400	51.1	66.7	9 400							32.0
34.0				20.9	55.2	10 400	35.6	61.6	9 600	46.0	64.9	8 700	54.7	66.7	7 800				34.0
36.0							28.5	58.4	8 800	40.6	62.8	8 000	50.0	65.2	7 100				36.0
38.0							19.2	53.8	8 200	34.4	60.2	7 400	44.8	63.3	6 600				38.0
40.0										27.0	56.8	6 800	39.2	61.1	6 100	48.5	63.2	5 400	40.0
42.0										17.0	51.9	6 400	32.8	58.4	5 700	43.3	61.3	5 000	42.0
44.0													25.1	54.7	5 300	37.5	59.0	4 600	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	3 700	50.0



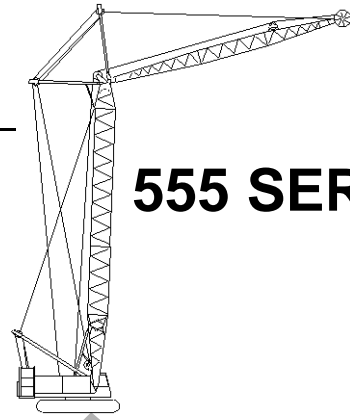


# Liftcrane Luffing Jib Capacities

# 555 SERIES 2

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

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



## 42.7m (140 Ft.) Boom, 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*b																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	20 900*													18.0
20.0	60.1	73.6	18 600*	64.4	74.6	19 500*													20.0
22.0	56.1	72.3	17 400*	60.6	73.5	18 100*													22.0
24.0	51.9	70.8	16 200*	56.6	72.3	16 500	63.8	73.9	15 200										24.0
26.0	47.4	69.2	15 100*	52.4	70.9	14 900	60.0	72.8	13 600										26.0
28.0	42.5	67.2	14 100	47.9	69.2	13 600	55.9	71.6	12 400										28.0
30.0	37.2	64.8	13 000	43.1	67.2	12 400	51.7	70.1	11 300	59.2	71.8	10 200							30.0
32.0	31.1	61.8	11 900	37.9	64.9	11 300	47.2	68.4	10 400	55.2	70.5	9 400							32.0
34.0	23.7	58.0	11 000	31.9	62.0	10 500	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	9 700	37.0	64.0	8 800	46.3	67.2	8 000	54.2	69.0	7 100				36.0
38.0				14.4	52.7	9 000	30.9	61.0	8 200	41.4	65.2	7 400	49.9	67.5	6 600				38.0
40.0							23.3	57.1	7 600	35.9	62.7	6 800	45.2	65.7	6 100				40.0
42.0							12.1	50.8	7 100	29.6	59.5	6 400	40.2	63.5	5 600	48.6	65.5	4 900	42.0
44.0										21.7	55.4	5 900	34.6	60.9	5 200	43.8	63.6	4 600	44.0
46.0													28.0	57.6	4 900	38.7	61.3	4 300	46.0
48.0													19.5	53.0	4 500	32.8	58.6	4 000	48.0
50.0																25.8	55.0	3 700	50.0
52.0																16.3	49.8	3 400	52.0

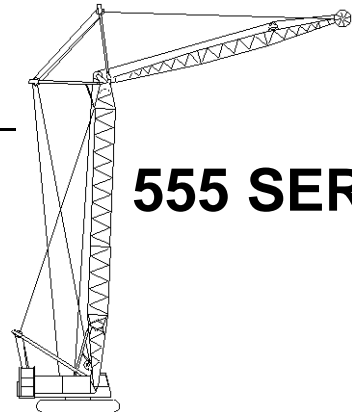


# Liftcrane Luffing Jib Capacities

## 555 SERIES 2

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

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

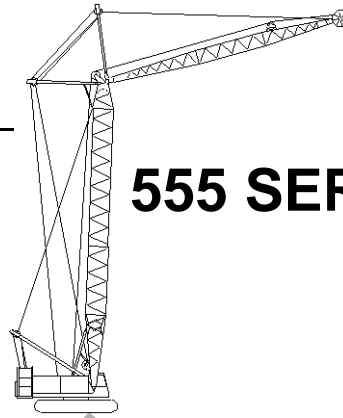


### 42.7m (140 Ft.) Boom, 36.6m (120 Ft.) Luffing Jib

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*b													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	18 700*										20.0
22.0	59.3	75.9	16 800*	63.2	77.0	17 500*										22.0
24.0	55.5	74.6	15 700*	59.7	75.9	16 300										24.0
26.0	51.6	73.2	14 700*	56.0	74.6	14 800	62.7	76.3	13 500							26.0
28.0	47.5	71.4	13 800*	52.1	73.2	13 400	59.1	75.2	12 200							28.0
30.0	43.1	69.5	12 900	48.0	71.5	12 200	55.4	73.9	11 100							30.0
32.0	38.3	67.2	11 800	43.6	69.6	11 200	51.5	72.4	10 200	58.4	74.1	9 200				32.0
34.0	32.9	64.4	10 900	38.9	67.3	10 300	47.3	70.7	9 400	54.7	72.8	8 400				34.0
36.0	26.6	60.9	10 100	33.6	64.6	9 600	42.9	68.7	8 700	50.7	71.3	7 800				36.0
38.0	18.4	56.0	9 300	27.4	61.2	8 900	38.1	66.4	8 000	46.5	69.5	7 200	53.8	71.3	6 400	38.0
40.0				19.5	56.6	8 200	32.7	63.6	7 500	42.1	67.5	6 700	49.8	69.8	5 900	40.0
42.0							26.3	60.0	6 900	37.1	65.1	6 200	45.6	67.9	5 400	42.0
44.0							18.0	55.1	6 400	31.6	62.2	5 700	41.0	65.8	5 100	44.0
46.0										25.0	58.4	5 300	35.9	63.3	4 700	46.0
48.0										16.0	53.1	5 000	30.2	60.2	4 400	48.0
50.0													23.2	56.3	4 100	50.0



# Liftcrane Luffing Jib Capacities



## 555 SERIES 2

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

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

### 42.7m (140 Ft.) Boom, 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	18 100*										20.0
22.0	61.8	79.4	16 300*	65.4	80.4	16 900*										22.0
24.0	58.5	78.3	15 300*	62.2	79.4	15 800*										24.0
26.0	55.0	76.9	14 300*	58.9	78.2	14 600	64.9	79.7	13 400							26.0
28.0	51.4	75.5	13 400*	55.5	77.0	13 300	61.7	78.7	12 100							28.0
30.0	47.6	73.7	12 600*	51.9	75.5	12 100	58.4	77.6	11 000							30.0
32.0	43.6	71.8	11 700*	48.1	73.8	11 100	54.9	76.2	10 100	61.1	77.7	9 100				32.0
34.0	39.2	69.5	10 800	44.1	71.9	10 200	51.3	74.7	9 300	57.7	76.5	8 300				34.0
36.0	34.4	66.9	10 000	39.7	69.7	9 400	47.5	73.0	8 500	54.2	75.1	7 600				36.0
38.0	28.9	63.6	9 300	35.0	67.0	8 700	43.4	71.1	7 900	50.6	73.6	7 100				38.0
40.0	22.2	59.4	8 600	29.5	63.9	8 100	39.0	68.8	7 300	46.7	71.8	6 500	53.4	73.7	5 800	40.0
42.0	12.4	53.0	7 000*	23.0	59.8	7 600	34.2	66.1	6 800	42.6	69.8	6 100	49.7	72.1	5 300	42.0
44.0				13.9	53.8	7 100	28.6	62.8	6 300	38.2	67.5	5 600	45.8	70.3	4 900	44.0
46.0							21.8	58.5	5 900	33.2	64.7	5 300	41.6	68.2	4 600	46.0
48.0							11.8	51.9	5 500	27.5	61.3	4 900	37.1	65.7	4 200	48.0
50.0										20.3	56.8	4 500	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

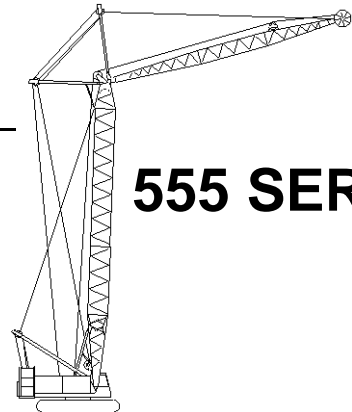


# Liftcrane Luffing Jib Capacities

## 555 SERIES 2

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

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

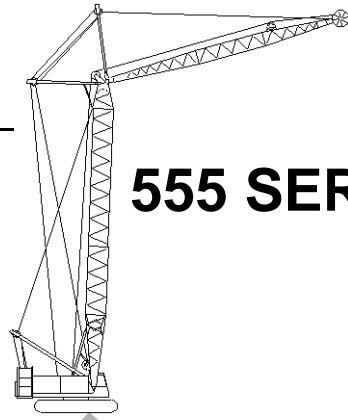


### 42.7m (140 Ft.) Boom, 42.7m (140 Ft.) Luffing Jib

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	15 700*							22.0
24.0	61.0	81.8	14 300*	64.4	82.8	15 200*							24.0
26.0	57.9	80.6	13 500*	61.3	81.8	14 300	66.8	83.1	13 200				26.0
28.0	54.6	79.3	12 800*	58.2	80.6	13 200	63.9	82.1	11 900				28.0
30.0	51.3	77.8	12 000*	55.0	79.3	12 000	60.9	81.1	10 800				30.0
32.0	47.7	76.1	11 200*	51.7	77.8	11 000	57.7	79.9	9 900				32.0
34.0	44.0	74.1	10 600*	48.1	76.1	10 100	54.5	78.6	9 100	60.3	80.0	8 100	34.0
36.0	40.0	71.9	9 800*	44.4	74.2	9 300	51.1	77.0	8 400	57.1	78.8	7 500	36.0
38.0	35.6	69.3	9 100	40.5	72.0	8 600	47.6	75.3	7 700	53.9	77.4	6 900	38.0
40.0	30.7	66.2	8 500	36.1	69.5	8 000	43.8	73.4	7 200	50.5	75.9	6 300	40.0
42.0	24.9	62.5	7 900	31.3	66.5	7 400	39.8	71.1	6 700	46.9	74.1	5 900	42.0
44.0	17.5	57.3	7 100	25.6	62.8	6 900	35.4	68.5	6 200	43.1	72.1	5 500	44.0
46.0				18.5	57.8	6 500	30.5	65.4	5 800	39.0	69.8	5 100	46.0
48.0							24.7	61.6	5 400	34.5	67.2	4 700	48.0
50.0							17.1	56.4	5 000	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



## 555 SERIES 2

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

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

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

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	11 900				28.0
30.0	54.7	81.8	9 800*	58.1	83.1	10 600*	63.4	84.7	10 800				30.0
32.0	51.6	80.3	9 200*	55.1	81.8	10 000*	60.6	83.6	9 900				32.0
34.0	48.3	78.6	8 700*	52.0	80.3	9 400*	57.6	82.4	9 100				34.0
36.0	44.9	76.7	8 200*	48.7	78.7	8 800*	54.6	81.1	8 400	60.0	82.6	7 400	36.0
38.0	41.2	74.6	7 700*	45.3	76.8	8 300*	51.5	79.6	7 700	57.1	81.4	6 900	38.0
40.0	37.2	72.2	7 200*	41.6	74.7	7 700*	48.2	77.9	7 100	54.0	80.0	6 300	40.0
42.0	32.9	69.3	6 800*	37.7	72.3	7 300*	44.7	76.0	6 600	50.9	78.4	5 900	42.0
44.0	27.9	65.9	6 400*	33.4	69.5	6 900*	41.1	73.8	6 200	47.6	76.7	5 400	44.0
46.0	22.0	61.6	6 100*	28.5	66.2	6 500	37.1	71.4	5 700	44.1	74.8	5 100	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	4 700	48.0
50.0				15.0	56.2	5 600	27.7	65.1	5 000	36.3	70.1	4 400	50.0
52.0							21.7	60.7	4 700	31.8	67.1	4 100	52.0
54.0							13.4	54.4	4 400	26.7	63.5	3 800	54.0
56.0										20.4	58.9	3 500	56.0

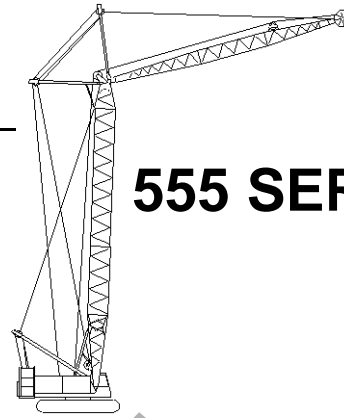


# Liftcrane Luffing Jib Capacities

## 555 SERIES 2

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

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



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

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	10 500	30.0
32.0	54.4	84.1	8 200*	57.6	85.5	8 900*	62.6	87.1	9 700	32.0
34.0	51.4	82.6	7 700*	54.7	84.1	8 300*	59.9	86.0	8 900	34.0
36.0	48.4	80.9	7 200*	51.8	82.7	7 800*	57.1	84.8	8 200	36.0
38.0	45.2	79.1	6 700*	48.7	81.0	7 200*	54.3	83.4	7 600	38.0
40.0	41.7	76.9	6 200*	45.5	79.1	6 800*	51.3	81.9	7 000	40.0
42.0	38.1	74.6	5 800*	42.1	77.0	6 300*	48.2	80.2	6 500	42.0
44.0	34.1	71.8	5 400*	38.5	74.7	5 900*	45.0	78.3	6 000	44.0
46.0	29.6	68.6	5 000*	34.6	72.0	5 500*	41.6	76.2	5 600	46.0
48.0	24.5	64.7	4 700*	30.2	68.8	5 100*	37.9	73.8	5 200	48.0
50.0	18.0	59.5	4 400*	25.1	65.0	4 800*	33.9	71.0	4 900	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



## 555 SERIES 2

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

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

### 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	25 300*b													16.0
18.0	37.1	58.5	21 900*	48.1	61.0	23 100*													18.0
20.0	24.9	55.2	20 000*	39.0	58.9	21 100	55.9	62.0	19 600b										20.0
22.0				27.6	55.8	18 900	47.9	60.4	17 400b										22.0
24.0							38.8	58.3	15 600	55.5	61.0	14 200b							24.0
26.0							27.3	55.2	14 000	47.5	59.4	12 800							26.0
28.0										38.2	57.2	11 700	54.7	59.6	10 500b				28.0
30.0										26.5	54.1	10 600	46.6	58.0	9 600				30.0
32.0													37.2	55.8	8 800				32.0
34.0													25.0	52.5	8 100	45.2	56.1	7 200	34.0
36.0																35.5	53.8	6 700	36.0
38.0																22.5	50.2	6 100	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	24 700*b													16.0
18.0	46.8	63.1	21 300*	55.1	64.9	22 500*													18.0
20.0	38.9	60.9	19 700*	48.3	63.3	20 600*	61.3	65.5	19 400b										20.0
22.0	29.4	58.0	18 200*	40.6	61.2	18 800	54.9	64.3	17 300										22.0
24.0	15.2	53.1	15 800*	31.4	58.5	16 800	48.1	62.7	15 500										24.0
26.0							40.4	60.6	13 900	54.6	63.3	12 700							26.0
28.0							31.2	57.9	12 700	47.7	61.7	11 500							28.0
30.0							18.3	53.5	11 600	39.9	59.6	10 500	53.9	62.0	9 500				30.0
32.0										30.6	56.8	9 700	46.9	60.3	8 700				32.0
34.0													39.1	58.2	8 000				34.0
36.0													29.5	55.2	7 400	45.7	58.4	6 500	36.0
38.0													15.4	50.4	6 800	37.6	56.2	6 100	38.0
40.0																27.7	53.1	5 600	40.0

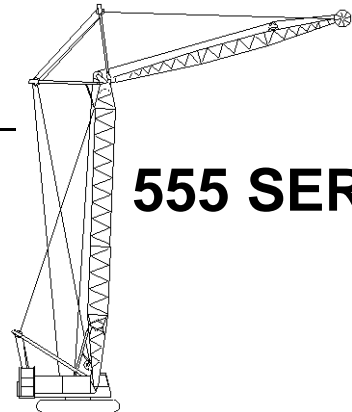


# Liftcrane Luffing Jib Capacities

## 555 SERIES 2

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

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



### 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	21 800*													18.0
20.0	47.1	65.4	19 100*	54.4	67.2	20 100*	65.1	68.9	19 300b										20.0
22.0	40.3	63.3	17 700*	48.4	65.6	18 500	59.8	67.9	17 000										22.0
24.0	32.4	60.6	16 500*	41.7	63.6	16 700	54.2	66.6	15 300										24.0
26.0	22.1	56.7	15 300*	34.0	61.0	15 100	48.2	65.0	13 800	59.5	66.9	12 500							26.0
28.0				24.4	57.4	13 700	41.5	63.0	12 500	53.9	65.6	11 300							28.0
30.0							33.8	60.4	11 400	47.8	64.0	10 300							30.0
32.0							24.1	56.8	10 500	41.4	62.0	9 500	53.3	64.3	8 500				32.0
34.0										33.4	59.3	8 700	47.2	62.6	7 800				34.0
36.0										23.5	55.6	8 000	40.4	60.5	7 200				36.0
38.0													32.5	57.8	6 600	46.1	60.7	5 800	38.0
40.0													22.2	53.9	6 100	39.2	58.6	5 400	40.0
42.0																31.0	55.7	5 000	42.0
44.0																20.1	51.5	4 600	44.0

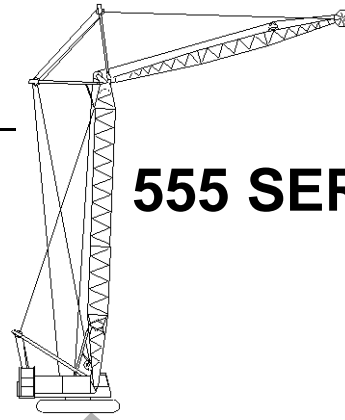
### 45.7m (150 Ft.) Boom, 27.4m (90 Ft.) Luffing Jib

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	21 200*													18.0
20.0	52.8	69.4	18 600*	58.8	70.8	19 600*													20.0
22.0	47.3	67.7	17 300*	53.8	69.5	18 100*	63.5	71.4	17 000										22.0
24.0	41.3	65.7	16 100*	48.4	67.9	16 600	58.7	70.2	15 100										24.0
26.0	34.6	63.1	15 100*	42.6	65.9	15 000	53.7	68.9	13 700										26.0
28.0	26.3	59.7	14 100*	36.0	63.5	13 600	48.3	67.3	12 400	58.4	69.3	11 200							28.0
30.0	14.2	54.2	12 000*	28.1	60.3	12 500	42.4	65.3	11 300	53.4	67.9	10 200							30.0
32.0				17.2	55.5	11 400	35.8	62.9	10 400	48.0	66.3	9 300	57.9	67.9	8 300				32.0
34.0							27.9	59.6	9 600	42.1	64.3	8 600	52.8	66.6	7 600				34.0
36.0							16.9	54.8	8 800	35.4	61.8	7 900	47.4	64.9	7 100				36.0
38.0										27.4	58.5	7 400	41.4	62.9	6 500				38.0
40.0													34.6	60.3	6 000	46.5	63.0	5 300	40.0
42.0													26.4	56.9	5 600	40.4	60.9	4 900	42.0
44.0													14.4	51.5	5 200	33.4	58.3	4 500	44.0
46.0																24.8	54.7	4 200	46.0





# Liftcrane Luffing Jib Capacities



## 555 SERIES 2

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

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

### 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	19 000*										20.0
22.0	52.4	71.7	16 800*	57.9	73.2	17 600*	66.3	74.7	16 800							22.0
24.0	47.5	70.0	15 700*	53.3	71.8	16 300*	62.1	73.8	15 000							24.0
26.0	42.2	68.0	14 600*	48.5	70.2	14 900	57.8	72.6	13 500							26.0
28.0	36.2	65.5	13 700*	43.2	68.2	13 500	53.2	71.2	12 200							28.0
30.0	29.3	62.4	12 800*	37.4	65.9	12 300	48.4	69.6	11 200	57.5	71.6	10 000				30.0
32.0	20.3	58.1	11 900	30.7	62.9	11 300	43.1	67.6	10 200	52.9	70.2	9 200				32.0
34.0				22.3	58.9	10 400	37.3	65.3	9 400	48.1	68.6	8 400				34.0
36.0							30.5	62.3	8 700	42.8	66.6	7 800	52.5	68.9	6 900	36.0
38.0							22.0	58.2	8 100	36.9	64.2	7 200	47.6	67.2	6 300	38.0
40.0										30.1	61.2	6 700	42.2	65.2	5 800	40.0
42.0										21.5	57.1	6 200	36.3	62.7	5 400	42.0
44.0													29.3	59.6	5 000	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	17 100*										22.0
24.0	52.1	74.0	15 300*	57.1	75.5	15 900*	64.8	77.2	14 900							24.0
26.0	47.6	72.3	14 300*	52.9	74.1	14 800	61.0	76.1	13 400							26.0
28.0	42.8	70.3	13 400*	48.5	72.5	13 500	57.0	74.9	12 200							28.0
30.0	37.5	67.9	12 500*	43.8	70.6	12 300	52.8	73.5	11 100	60.8	75.2	10 000				30.0
32.0	31.5	65.0	11 600*	38.6	68.3	11 300	48.4	71.9	10 200	56.8	74.0	9 100				32.0
34.0	24.2	61.2	10 700*	32.7	65.5	10 400	43.7	70.0	9 400	52.6	72.6	8 400				34.0
36.0	13.6	55.4	9 200*	25.7	61.9	9 600	38.5	67.7	8 700	48.2	70.9	7 700				36.0
38.0				16.1	56.7	8 900	32.6	64.9	8 100	43.4	69.0	7 100	52.2	71.2	6 300	38.0
40.0							25.5	61.3	7 500	38.2	66.6	6 600	47.7	69.5	5 800	40.0
42.0							15.8	56.0	6 900	32.2	63.8	6 200	42.9	67.5	5 400	42.0
44.0										25.1	60.1	5 800	37.6	65.2	5 000	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

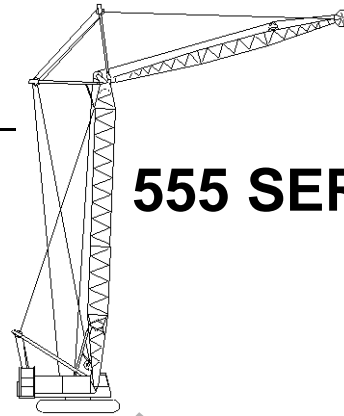


# Liftcrane Luffing Jib Capacities

## 555 SERIES 2

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

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



### 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	16 500*										22.0
24.0	55.7	77.7	14 800*	60.1	79.1	15 400*										24.0
26.0	51.9	76.3	13 900*	56.5	77.8	14 400	63.6	79.6	13 300							26.0
28.0	47.7	74.6	13 000*	52.6	76.4	13 400	60.1	78.5	12 000							28.0
30.0	43.4	72.6	12 200*	48.6	74.8	12 100	56.4	77.3	11 000							30.0
32.0	38.6	70.3	11 200*	44.2	72.9	11 200	52.5	75.8	10 000	59.9	77.6	8 900				32.0
34.0	33.2	67.6	10 500*	39.5	70.7	10 300	48.5	74.2	9 200	56.2	76.3	8 200				34.0
36.0	27.0	64.1	9 700*	34.3	68.0	9 500	44.1	72.3	8 500	52.3	74.9	7 600				36.0
38.0	19.0	59.4	9 100*	28.3	64.7	8 800	39.4	70.0	7 900	48.2	73.2	7 000				38.0
40.0				20.7	60.3	8 200	34.2	67.4	7 300	43.9	71.3	6 400	51.9	73.5	5 600	40.0
42.0							28.1	64.1	6 800	39.1	69.0	6 000	47.8	71.8	5 200	42.0
44.0							20.5	59.6	6 300	33.9	66.3	5 600	43.4	69.8	4 800	44.0
46.0										27.8	63.0	5 200	38.6	67.5	4 400	46.0
48.0										20.0	58.5	4 800	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



## 555 SERIES 2

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

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

### 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	16 000*							22.0
24.0	58.7	81.4	14 400*	62.6	82.6	15 000*							24.0
26.0	55.2	80.1	13 500*	59.3	81.4	14 100*	65.8	82.9	13 100				26.0
28.0	51.6	78.6	12 600*	55.9	80.2	13 100	62.6	82.0	11 900				28.0
30.0	47.8	76.9	11 800*	52.3	78.7	12 000	59.3	80.9	10 800				30.0
32.0	43.8	74.9	11 000*	48.6	77.1	11 000	55.8	79.6	9 900	62.4	81.0	8 800	32.0
34.0	39.5	72.7	10 200*	44.6	75.2	10 200	52.3	78.2	9 100	59.1	79.9	8 000	34.0
36.0	34.7	70.1	9 500*	40.3	73.0	9 400	48.5	76.5	8 400	55.6	78.6	7 400	36.0
38.0	29.2	66.8	8 900*	35.6	70.4	8 700	44.5	74.6	7 800	52.1	77.2	6 800	38.0
40.0	22.6	62.7	8 300*	30.3	67.4	8 100	40.2	72.4	7 200	48.3	75.5	6 300	40.0
42.0	13.1	56.5	7 200*	24.0	63.5	7 500	35.5	69.8	6 700	44.3	73.6	5 900	42.0
44.0				15.4	57.9	7 000	30.2	66.7	6 200	40.0	71.4	5 400	44.0
46.0							23.8	62.8	5 800	35.2	68.8	5 100	46.0
48.0							15.1	57.2	5 400	29.9	65.7	4 700	48.0
50.0										23.4	61.7	4 400	50.0

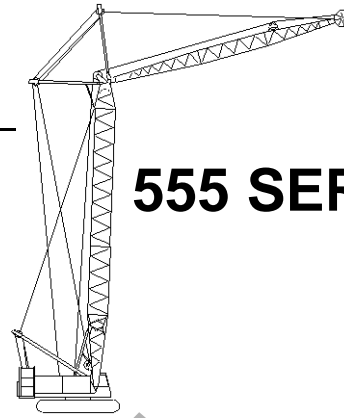


# Liftcrane Luffing Jib Capacities

## 555 SERIES 2

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

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



### 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	14 400*							24.0
26.0	58.0	83.7	12 800*	61.7	84.9	13 600*	67.6	86.3	13 000				26.0
28.0	54.8	82.4	12 000*	58.6	83.8	12 700*	64.7	85.4	11 700				28.0
30.0	51.4	80.9	11 300*	55.4	82.5	11 900	61.7	84.4	10 700				30.0
32.0	47.9	79.2	10 600*	52.1	81.0	10 900	58.6	83.2	9 700				32.0
34.0	44.2	77.3	9 900*	48.6	79.4	10 000	55.4	81.9	8 900	61.5	83.4	7 900	34.0
36.0	40.2	75.1	9 300*	44.9	77.5	9 200	52.0	80.5	8 200	58.4	82.3	7 200	36.0
38.0	35.8	72.5	8 600*	41.0	75.4	8 600	48.5	78.8	7 600	55.2	81.0	6 600	38.0
40.0	31.0	69.5	8 100*	36.7	72.9	8 000	44.8	76.9	7 100	51.8	79.5	6 200	40.0
42.0	25.3	65.7	7 600*	32.0	69.9	7 400	40.9	74.8	6 500	48.3	77.8	5 700	42.0
44.0	18.0	60.7	7 200*	26.5	66.4	6 900	36.6	72.3	6 100	44.6	75.9	5 300	44.0
46.0				19.6	61.7	6 400	31.8	69.3	5 700	40.7	73.7	4 900	46.0
48.0							26.3	65.7	5 300	36.4	71.2	4 500	48.0
50.0							19.4	61.0	4 900	31.5	68.3	4 200	50.0
52.0										26.0	64.6	3 900	52.0
54.0										18.9	59.8	3 700	54.0

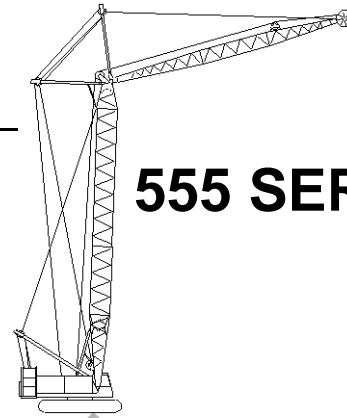


# Liftcrane Luffing Jib Capacities

# 555 SERIES 2

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

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



## 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	11 600	28.0
30.0	54.9	84.9	9 800*	58.5	86.3	10 600*	64.1	88.0	10 600	30.0
32.0	51.8	83.4	9 200*	55.5	85.0	10 000*	61.3	86.9	9 700	32.0
34.0	48.5	81.8	8 700*	52.4	83.6	9 400*	58.4	85.8	8 900	34.0
36.0	45.1	79.9	8 200*	49.2	81.9	8 900*	55.4	84.5	8 200	36.0
38.0	41.4	77.8	7 700*	45.8	80.1	8 300*	52.3	83.0	7 600	38.0
40.0	37.5	75.3	7 200*	42.1	78.0	7 800*	49.1	81.4	7 000	40.0
42.0	33.1	72.5	6 800*	38.3	75.7	7 400	45.7	79.5	6 500	42.0
44.0	28.2	69.1	6 400*	34.0	72.9	6 900	42.1	77.4	6 100	44.0
46.0	22.3	64.9	6 100*	29.2	69.7	6 400	38.2	75.1	5 700	46.0
48.0	14.4	58.9	5 500*	23.6	65.7	6 000	33.9	72.3	5 300	48.0
50.0				16.2	60.1	5 600	29.1	69.1	4 900	50.0
52.0							23.4	65.0	4 600	52.0
54.0							16.0	59.4	4 300	54.0

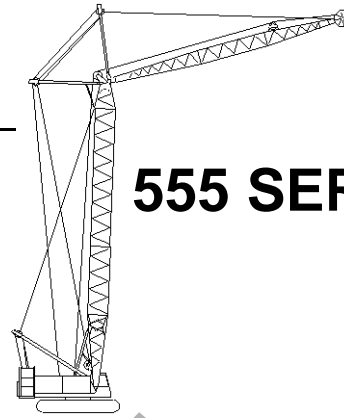


# Liftcrane Luffing Jib Capacities

## 555 SERIES 2

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

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

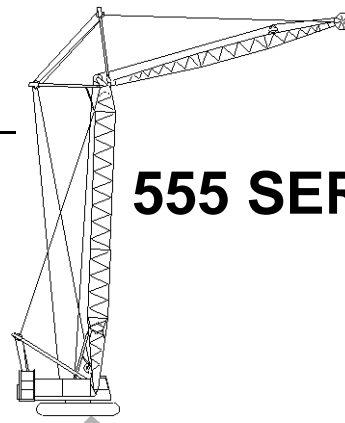


### 45.7m (150 Ft.) Boom, 48.8m (160 Ft.) Luffing Jib

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	10 300	30.0
32.0	54.5	87.2	8 300*	57.9	88.7	9 000*	63.3	90.4	9 600	32.0
34.0	51.6	85.7	7 700*	55.1	87.4	8 400*	60.6	89.3	8 800	34.0
36.0	48.5	84.1	7 200*	52.2	85.9	7 900*	57.9	88.1	8 000	36.0
38.0	45.3	82.2	6 700*	49.1	84.2	7 300*	55.0	86.8	7 400	38.0
40.0	41.9	80.1	6 200*	46.0	82.4	6 800*	52.1	85.3	6 900	40.0
42.0	38.3	77.7	5 800*	42.6	80.4	6 400*	49.1	83.7	6 400	42.0
44.0	34.3	75.0	5 400*	39.0	78.1	5 900*	45.9	81.8	5 900	44.0
46.0	29.9	71.8	5 000*	35.1	75.4	5 500*	42.5	79.8	5 500	46.0
48.0	24.8	67.9	4 700*	30.8	72.3	5 100*	38.9	77.4	5 100	48.0
50.0	18.4	62.9	4 400*	25.8	68.6	4 800*	35.0	74.8	4 800	50.0
52.0				19.8	63.8	4 500*	30.7	71.7	4 500	52.0
54.0				10.8	56.5	4 000*	25.7	68.0	4 100	54.0
56.0							19.6	63.2	3 900	56.0



# Liftcrane Luffing Jib Capacities



## 555 SERIES 2

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

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

### 48.8m (160 Ft.) Boom, 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	22 200*													18.0
20.0	25.6	58.5	19 400*	40.3	62.2	20 300*	57.9	65.3	19 300b										20.0
22.0				29.4	59.4	18 600	50.1	63.8	17 100b										22.0
24.0							41.4	61.9	15 400	58.4	64.4	13 900b							24.0
26.0							30.7	59.2	13 900	50.7	63.0	12 500b							26.0
28.0										42.1	61.1	11 400							28.0
30.0										31.6	58.5	10 400	50.9	61.8	9 300				30.0
32.0										16.0	53.9	9 500	42.3	59.9	8 500				32.0
34.0													31.9	57.2	7 800	50.6	60.0	6 900	34.0
36.0													16.6	52.8	7 200	41.9	58.1	6 300	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	19 800*	62.9	68.8	19 200b										20.0
22.0	29.9	61.2	17 500*	41.7	64.6	18 200*	56.7	67.6	17 000b										22.0
24.0	16.2	56.5	15 900*	32.8	62.0	16 700	50.0	66.2	15 200										24.0
26.0							42.5	64.2	13 800	57.1	66.8	12 400							26.0
28.0							33.8	61.7	12 500	50.5	65.3	11 300							28.0
30.0							22.4	58.0	11 400	43.1	63.5	10 300							30.0
32.0										34.5	61.0	9 400	50.7	64.1	8 400				32.0
34.0										23.4	57.4	8 700	43.3	62.2	7 700				34.0
36.0													34.8	59.7	7 100				36.0
38.0													23.8	56.2	6 600				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

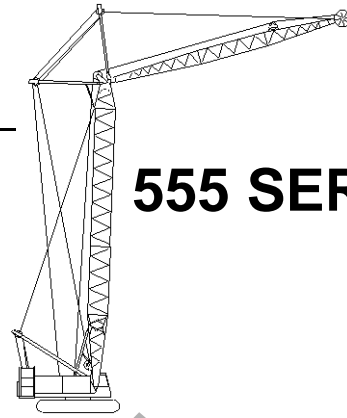


# Liftcrane Luffing Jib Capacities

## 555 SERIES 2

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

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



### 48.8m (160 Ft.) Boom, 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	19 300*	66.5	72.2	19 000b										20.0
22.0	40.7	66.5	17 000*	49.2	68.8	17 700*	61.3	71.2	16 800										22.0
24.0	32.8	63.8	15 800*	42.6	66.9	16 400*	55.7	70.0	15 000										24.0
26.0	22.8	60.0	14 700*	35.1	64.4	15 000	49.8	68.4	13 600	61.7	70.3	12 200							26.0
28.0				25.9	61.0	13 600	43.4	66.6	12 300	56.2	69.1	11 000							28.0
30.0							36.0	64.2	11 300	50.3	67.6	10 100							30.0
32.0							27.0	60.9	10 300	43.9	65.8	9 300	56.3	67.8	8 200				32.0
34.0										36.6	63.4	8 500	50.5	66.4	7 500				34.0
36.0										27.8	60.2	7 800	44.0	64.5	6 900				36.0
38.0										14.8	55.1	7 200	36.8	62.2	6 400				38.0
40.0													28.0	59.0	5 900	43.8	62.8	5 100	40.0
42.0													15.2	54.0	5 500	36.5	60.4	4 700	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	18 800*										20.0
22.0	47.6	70.8	16 600*	54.5	72.7	17 300*	64.7	74.6	16 700							22.0
24.0	41.7	68.8	15 400*	49.2	71.2	16 100*	60.0	73.6	14 900							24.0
26.0	34.9	66.3	14 400*	43.4	69.2	14 900	55.0	72.3	13 400							26.0
28.0	26.8	62.9	13 500*	36.9	66.9	13 600	49.7	70.8	12 200	60.3	72.7	10 900				28.0
30.0	15.1	57.7	12 000*	29.2	63.8	12 400	44.0	68.9	11 200	55.4	71.4	10 000				30.0
32.0				19.0	59.3	11 300	37.6	66.6	10 200	50.2	69.9	9 100				32.0
34.0							30.1	63.6	9 400	44.5	68.1	8 400	55.5	70.2	7 300	34.0
36.0							20.3	59.3	8 700	38.1	65.8	7 700	50.3	68.7	6 800	36.0
38.0										30.7	62.9	7 100	44.6	66.8	6 200	38.0
40.0										21.2	58.8	6 600	38.3	64.6	5 800	40.0
42.0													30.9	61.7	5 300	42.0
44.0													21.5	57.6	5 000	44.0



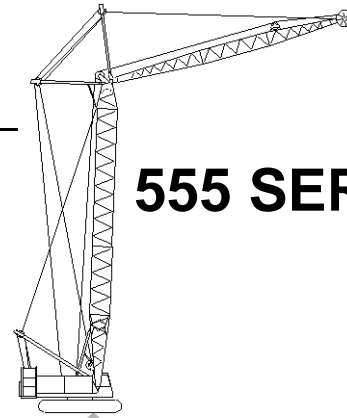


# Liftcrane Luffing Jib Capacities

# 555 SERIES 2

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

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



## 48.8m (160 Ft.) Boom, 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	16 800*										22.0
24.0	47.8	73.1	15 000*	53.9	75.0	15 600*	63.2	77.0	14 700							24.0
26.0	42.5	71.2	14 000*	49.1	73.4	14 600	58.9	75.9	13 300							26.0
28.0	36.5	68.7	13 000*	44.0	71.6	13 400	54.4	74.6	12 000							28.0
30.0	29.7	65.7	12 100*	38.2	69.3	12 200	49.7	73.1	11 000	59.3	75.1	9 700				30.0
32.0	20.8	61.4	11 200*	31.7	66.4	11 200	44.5	71.2	10 100	54.8	73.8	8 900				32.0
34.0				23.6	62.6	10 400	38.9	68.9	9 300	50.0	72.2	8 200				34.0
36.0							32.4	66.2	8 600	44.9	70.4	7 600	54.9	72.5	6 600	36.0
38.0							24.5	62.5	7 900	39.3	68.2	7 000	50.2	71.0	6 000	38.0
40.0										33.0	65.4	6 500	45.1	69.2	5 600	40.0
42.0										25.2	61.9	6 000	39.5	66.9	5 200	42.0
44.0										14.0	56.2	5 600	33.1	64.2	4 800	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	16 400*										22.0
24.0	52.3	77.1	14 700*	57.7	78.7	15 300*	65.8	80.4	14 700							24.0
26.0	47.9	75.4	13 700*	53.5	77.3	14 200*	62.0	79.4	13 200							26.0
28.0	43.1	73.5	12 600*	49.1	75.7	13 200	58.1	78.3	12 000							28.0
30.0	37.8	71.1	11 700*	44.4	73.9	12 200	54.0	76.9	10 900							30.0
32.0	31.8	68.2	10 900*	39.3	71.6	11 200	49.6	75.4	10 000	58.4	77.4	8 900				32.0
34.0	24.6	64.5	10 100*	33.6	68.9	10 300	45.0	73.5	9 200	54.3	76.1	8 100				34.0
36.0	14.3	58.9	9 100*	26.8	65.5	9 600	39.9	71.3	8 500	49.9	74.5	7 500				36.0
38.0				17.7	60.6	8 900	34.2	68.7	7 900	45.3	72.7	7 000	54.4	74.8	6 000	38.0
40.0							27.6	65.3	7 300	40.3	70.6	6 400	50.1	73.3	5 500	40.0
42.0							18.9	60.7	6 800	34.7	67.9	6 000	45.4	71.5	5 100	42.0
44.0										28.1	64.7	5 600	40.4	69.3	4 700	44.0
46.0										19.6	60.1	5 200	34.8	66.7	4 400	46.0
48.0													28.3	63.5	4 100	48.0
50.0													19.9	59.0	3 800	50.0

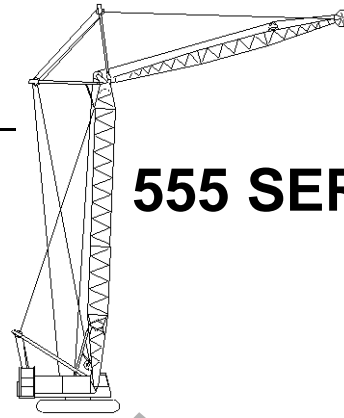


# Liftcrane Luffing Jib Capacities

## 555 SERIES 2

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

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



### 48.8m (160 Ft.) Boom, 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	14 700*							24.0
26.0	52.1	79.4	13 200*	57.0	81.1	13 800*	64.5	82.8	13 000				26.0
28.0	48.0	77.7	12 300*	53.1	79.7	12 900*	61.0	81.8	11 800				28.0
30.0	43.6	75.8	11 300*	49.1	78.1	12 000	57.4	80.6	10 800				30.0
32.0	38.8	73.5	10 600*	44.8	76.2	11 100	53.6	79.2	9 900	61.3	80.9	8 700	32.0
34.0	33.5	70.8	9 800*	40.2	74.0	10 200	49.6	77.7	9 100	57.6	79.8	8 000	34.0
36.0	27.4	67.4	9 200*	35.1	71.4	9 400	45.3	75.8	8 400	53.8	78.4	7 300	36.0
38.0	19.5	62.7	8 600*	29.2	68.2	8 700	40.7	73.7	7 700	49.9	76.8	6 800	38.0
40.0				21.9	64.0	8 100	35.6	71.1	7 200	45.6	75.0	6 300	40.0
42.0							29.8	68.0	6 700	41.1	72.9	5 800	42.0
44.0							22.8	64.0	6 200	36.0	70.4	5 400	44.0
46.0										30.3	67.3	5 000	46.0
48.0										23.4	63.4	4 700	48.0
50.0										13.4	57.4	4 300	50.0



# Liftcrane Luffing Jib Capacities



## 555 SERIES 2

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

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

### 48.8m (160 Ft.) Boom, 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	14 300*							24.0
26.0	55.4	83.2	12 600*	59.8	84.6	13 400*	66.6	86.2	12 900				26.0
28.0	51.8	81.7	11 800*	56.4	83.4	12 600*	63.4	85.3	11 700				28.0
30.0	48.1	80.0	11 000*	52.8	82.0	11 800*	60.1	84.2	10 600				30.0
32.0	44.0	78.1	10 200*	49.1	80.3	11 000	56.8	83.0	9 700				32.0
34.0	39.7	75.9	9 500*	45.2	78.5	10 100	53.2	81.6	8 900	60.4	83.3	7 800	34.0
36.0	34.9	73.3	8 900*	40.9	76.3	9 300	49.5	80.0	8 300	57.0	82.1	7 200	36.0
38.0	29.5	70.1	8 300*	36.3	73.8	8 600	45.6	78.1	7 600	53.5	80.7	6 600	38.0
40.0	23.0	66.0	7 800*	31.1	70.8	8 000	41.4	76.0	7 100	49.8	79.1	6 100	40.0
42.0	13.8	60.0	7 000*	24.9	67.1	7 500	36.8	73.6	6 600	45.9	77.3	5 700	42.0
44.0				16.8	61.8	6 900	31.7	70.6	6 100	41.7	75.2	5 300	44.0
46.0							25.6	67.0	5 700	37.2	72.8	4 900	46.0
48.0							17.8	61.9	5 300	32.1	69.9	4 500	48.0
50.0										26.1	66.3	4 200	50.0
52.0										18.5	61.5	4 000	52.0

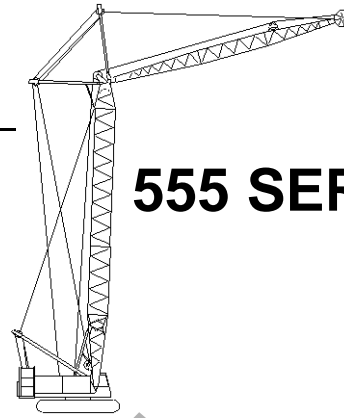


# Liftcrane Luffing Jib Capacities

## 555 SERIES 2

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

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

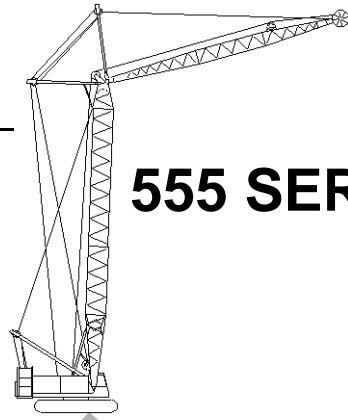


### 48.8m (160 Ft.) Boom, 42.7m (140 Ft.) Luffing Jib

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	11 900*	65.9	88.8	11 600	28.0
30.0	52.2	84.3	10 500*	56.4	85.9	11 200*	62.9	87.8	10 500	30.0
32.0	48.7	82.6	9 900*	53.1	84.5	10 600*	59.9	86.7	9 600	32.0
34.0	45.0	80.7	9 200*	49.6	82.9	9 900	56.7	85.5	8 800	34.0
36.0	41.0	78.6	8 700*	46.0	81.1	9 200	53.4	84.1	8 100	36.0
38.0	36.8	76.1	8 100*	42.2	79.0	8 500	50.0	82.5	7 500	38.0
40.0	32.0	73.2	7 600*	38.0	76.7	7 900	46.4	80.7	6 900	40.0
42.0	26.5	69.6	7 200*	33.4	73.9	7 300	42.6	78.7	6 400	42.0
44.0	19.7	64.9	6 800*	28.1	70.5	6 800	38.5	76.3	6 000	44.0
46.0				21.8	66.2	6 400	33.9	73.6	5 600	46.0
48.0				12.7	59.8	5 900	28.7	70.3	5 200	48.0
50.0							22.5	66.2	4 800	50.0



# Liftcrane Luffing Jib Capacities



## 555 SERIES 2

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

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

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

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	10 400	30.0
32.0	51.9	86.6	9 200*	55.9	88.3	10 100*	62.1	90.2	9 500	32.0
34.0	48.7	84.9	8 700*	52.8	86.8	9 500*	59.2	89.1	8 800	34.0
36.0	45.3	83.1	8 200*	49.6	85.2	8 900*	56.2	87.8	8 100	36.0
38.0	41.6	80.9	7 700*	46.2	83.4	8 400*	53.2	86.4	7 400	38.0
40.0	37.7	78.5	7 300*	42.6	81.4	7 900	50.0	84.8	6 900	40.0
42.0	33.4	75.7	6 800*	38.8	79.0	7 300	46.6	83.0	6 400	42.0
44.0	28.5	72.4	6 500*	34.6	76.4	6 800	43.0	81.0	5 900	44.0
46.0	22.7	68.2	6 100*	29.9	73.2	6 400	39.2	78.7	5 500	46.0
48.0	14.9	62.3	5 600*	24.4	69.3	5 900	35.1	76.1	5 200	48.0
50.0				17.4	64.1	5 500	30.4	73.0	4 800	50.0
52.0							25.1	69.2	4 500	52.0
54.0							18.3	64.1	4 200	54.0

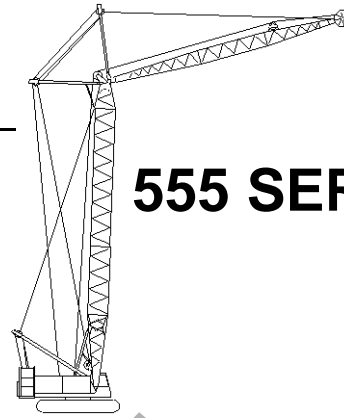


# Liftcrane Luffing Jib Capacities

## 555 SERIES 2

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

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

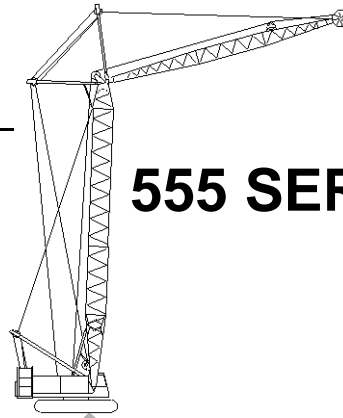


### 48.8m (160 Ft.) Boom, 48.8m (160 Ft.) Luffing Jib

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	9 900*	30.0
32.0	54.7	90.4	8 200*	58.3	91.9	9 000*	63.9	93.6	9 400	32.0
34.0	51.8	88.9	7 700*	55.5	90.6	8 400*	61.3	92.6	8 600	34.0
36.0	48.7	87.2	7 200*	52.6	89.1	7 900*	58.6	91.4	7 900	36.0
38.0	45.5	85.3	6 700*	49.6	87.5	7 400*	55.8	90.2	7 300	38.0
40.0	42.1	83.3	6 300*	46.4	85.7	6 900*	52.9	88.7	6 700	40.0
42.0	38.5	80.9	5 900*	43.1	83.7	6 400*	49.9	87.1	6 200	42.0
44.0	34.5	78.2	5 400*	39.5	81.4	6 000*	46.7	85.3	5 800	44.0
46.0	30.1	75.1	5 100*	35.6	78.8	5 600*	43.4	83.3	5 400	46.0
48.0	25.0	71.2	4 700*	31.4	75.8	5 200*	39.9	81.1	5 000	48.0
50.0	18.7	66.2	4 400*	26.5	72.2	4 900*	36.1	78.5	4 700	50.0
52.0				20.7	67.6	4 500*	31.9	75.6	4 300	52.0
54.0				12.4	60.9	4 300*	27.1	72.0	4 000	54.0
56.0							21.4	67.6	3 800	56.0



# Liftcrane Luffing Jib Capacities



## 555 SERIES 2

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

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

### 51.8m (170 Ft.) Boom, 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	19 400b										20.0
22.0				31.0	62.9	17 800*	52.3	67.3	16 900b										22.0
24.0				14.9	58.1	16 400*	43.8	65.5	15 100										24.0
26.0							33.8	63.0	13 600	53.9	66.6	12 200b							26.0
28.0							19.9	59.0	12 400	45.6	64.9	11 100							28.0
30.0										36.0	62.6	10 100							30.0
32.0										23.4	59.1	9 300	47.0	63.8	8 200				32.0
34.0													37.6	61.6	7 500				34.0
36.0													25.7	58.3	6 900	47.7	62.2	6 000	36.0
38.0																38.5	60.1	5 500	38.0
40.0																26.8	56.9	5 100	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	18 900b							20.0			
22.0	30.5	64.4	16 800*	42.7	67.9	17 400*	58.4	71.0	16 800b							22.0			
24.0	17.2	59.9	15 600*	34.1	65.4	16 100*	51.8	69.6	15 000							24.0			
26.0							44.6	67.8	13 500	59.6	70.2	12 100b				26.0			
28.0							22.8	61.7	14 900	44.6	67.8	13 500	59.6	70.2	12 100b	28.0			
30.0										36.3	65.4	12 300	53.2	68.9	10 900	30.0			
32.0										25.9	62.1	11 300	46.1	67.2	10 000	32.0			
34.0										6.6	55.3	10 300	38.1	65.0	9 200	34.0			
36.0													28.3	61.9	8 400	36.0			
38.0																30.0	61.1	6 300	38.0

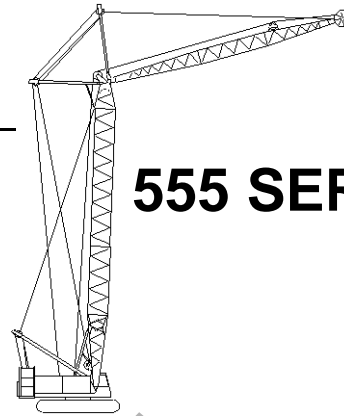


# Liftcrane Luffing Jib Capacities

## 555 SERIES 2

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

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



### 51.8m (170 Ft.) Boom, 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	16 600b							22.0
24.0	33.3	67.0	15 100*	43.5	70.2	15 700*	57.2	73.3	14 800							24.0
26.0	23.4	63.3	14 100*	36.2	67.8	14 600*	51.5	71.9	13 400							26.0
28.0				27.3	64.6	13 500	45.2	70.1	12 100	58.4	72.6	10 700				28.0
30.0				13.9	59.3	12 400	38.1	67.9	11 100	52.7	71.2	9 800				30.0
32.0							29.6	64.9	10 200	46.5	69.5	9 000				32.0
34.0							18.0	60.3	9 300	39.6	67.4	8 300	53.6	70.1	7 200	34.0
36.0										31.5	64.6	7 600	47.5	68.4	6 600	36.0
38.0										20.8	60.5	7 100	40.7	66.3	6 100	38.0
40.0													32.9	63.7	5 600	40.0
42.0													22.8	59.9	5 200	42.0

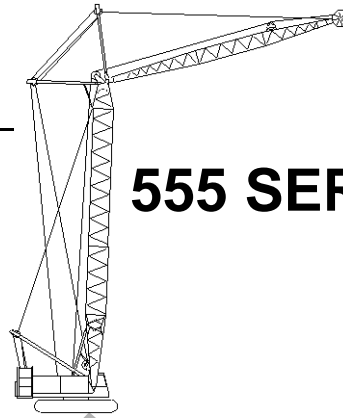
### 51.8m (170 Ft.) Boom, 27.4m (90 Ft.) Luffing Jib

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	16 500b							22.0
24.0	42.0	72.0	14 800*	49.9	74.4	15 300*	61.2	76.9	14 700							24.0
26.0	35.3	69.5	13 700*	44.2	72.6	14 200*	56.4	75.7	13 300							26.0
28.0	27.3	66.2	12 700*	37.8	70.2	13 200*	51.2	74.2	12 000							28.0
30.0	15.9	61.1	11 900*	30.3	67.3	12 300	45.6	72.4	11 000	57.4	74.9	9 700				30.0
32.0				20.6	63.1	11 300	39.4	70.2	10 100	52.3	73.5	8 800				32.0
34.0							32.3	67.5	9 300	46.8	71.8	8 100				34.0
36.0							23.3	63.7	8 600	40.7	69.7	7 500	53.1	72.4	6 500	36.0
38.0							7.5	56.4	7 900	33.8	67.1	6 900	47.6	70.7	6 000	38.0
40.0										25.4	63.6	6 400	41.7	68.7	5 500	40.0
42.0													35.0	66.2	5 100	42.0
44.0													26.8	62.8	4 700	44.0





# Liftcrane Luffing Jib Capacities



## 555 SERIES 2

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

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

### 51.8m (170 Ft.) Boom, 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	14 900*	64.3	80.3	14 500				24.0
26.0	42.8	74.3	13 200*	49.8	76.7	13 900*	60.1	79.2	13 000				26.0
28.0	36.9	71.9	12 200*	44.7	74.9	12 900*	55.7	78.0	11 800				28.0
30.0	30.1	68.9	11 300*	39.0	72.6	12 000*	51.0	76.5	10 800				30.0
32.0	21.4	64.7	10 600*	32.6	69.9	11 200	45.9	74.7	9 900	56.6	77.3	8 700	32.0
34.0				24.8	66.2	10 300	40.4	72.6	9 100	51.9	75.8	8 000	34.0
36.0				13.2	60.4	9 500	34.2	70.0	8 400	47.0	74.1	7 300	36.0
38.0							26.8	66.6	7 800	41.6	72.1	6 700	38.0
40.0							16.7	61.6	7 200	35.6	69.6	6 300	40.0
42.0										28.5	66.4	5 800	42.0
44.0										19.2	61.8	5 400	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	13 600*	63.0	82.7	13 000				26.0
28.0	43.4	76.6	11 800*	49.7	79.0	12 600*	59.1	81.6	11 800				28.0
30.0	38.1	74.3	11 000*	45.1	77.2	11 800*	55.1	80.3	10 800				30.0
32.0	32.2	71.5	10 200*	40.0	75.0	11 100*	50.8	78.8	9 900	60.0	80.8	8 600	32.0
34.0	25.0	67.8	9 600*	34.4	72.4	10 300	46.2	77.0	9 100	55.9	79.6	7 900	34.0
36.0	15.0	62.3	9 000*	27.7	69.0	9 500	41.3	74.9	8 400	51.7	78.1	7 300	36.0
38.0				19.1	64.4	8 800	35.8	72.4	7 800	47.2	76.4	6 700	38.0
40.0							29.5	69.3	7 200	42.3	74.4	6 200	40.0
42.0							21.5	65.1	6 700	37.0	72.0	5 800	42.0
44.0							8.1	57.5	6 200	30.8	69.0	5 400	44.0
46.0										23.3	65.1	5 000	46.0

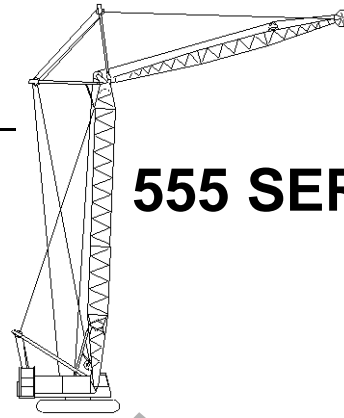


# Liftcrane Luffing Jib Capacities

## 555 SERIES 2

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

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

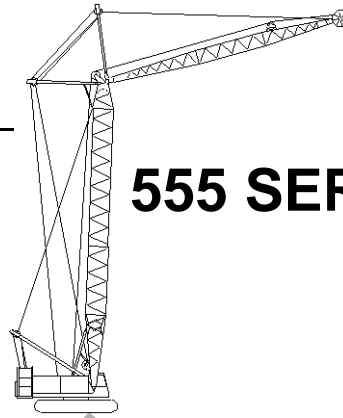


### 51.8m (170 Ft.) Boom, 36.6m (120 Ft.) Luffing Jib

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	12 800				26.0
28.0	48.2	80.9	11 500*	53.7	82.9	12 300*	62.0	85.1	11 600				28.0
30.0	43.8	78.9	10 600*	49.7	81.3	11 500*	58.3	83.9	10 600				30.0
32.0	39.1	76.7	9 900*	45.4	79.5	10 700*	54.6	82.6	9 700	62.7	84.3	8 400	32.0
34.0	33.8	74.0	9 200*	40.8	77.3	10 100	50.6	81.1	8 900	59.1	83.2	7 700	34.0
36.0	27.7	70.6	8 600*	35.8	74.8	9 400	46.5	79.3	8 200	55.4	81.9	7 100	36.0
38.0	20.0	66.1	8 100*	30.0	71.7	8 700	42.0	77.3	7 600	51.5	80.4	6 500	38.0
40.0				23.0	67.7	8 100	37.0	74.8	7 100	47.3	78.7	6 000	40.0
42.0				12.8	61.5	7 500	31.5	71.9	6 500	42.9	76.7	5 600	42.0
44.0							24.8	68.2	6 100	38.1	74.4	5 200	44.0
46.0							15.8	62.8	5 700	32.7	71.6	4 800	46.0
48.0										26.3	68.0	4 500	48.0
50.0										18.0	63.1	4 200	50.0



# Liftcrane Luffing Jib Capacities



## 555 SERIES 2

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

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

### 51.8m (170 Ft.) Boom, 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	12 700	26.0
28.0	52.0	84.8	11 000*	56.8	86.6	11 900*	64.3	88.5	11 500	28.0
30.0	48.3	83.2	10 300*	53.3	85.2	11 200*	61.0	87.5	10 500	30.0
32.0	44.3	81.3	9 600*	49.6	83.6	10 500*	57.7	86.3	9 600	32.0
34.0	39.9	79.1	9 000*	45.7	81.8	9 900*	54.2	84.9	8 800	34.0
36.0	35.2	76.4	8 400*	41.5	79.7	9 300	50.5	83.4	8 100	36.0
38.0	29.8	73.3	7 900*	36.9	77.2	8 600	46.7	81.6	7 500	38.0
40.0	23.3	69.3	7 400*	31.8	74.3	8 000	42.5	79.6	6 900	40.0
42.0	14.4	63.5	6 900*	25.8	70.7	7 400	38.1	77.2	6 400	42.0
44.0				18.1	65.7	6 900	33.1	74.5	6 000	44.0
46.0							27.3	71.0	5 600	46.0
48.0							20.2	66.5	5 200	48.0
50.0							8.4	58.6	4 900	50.0

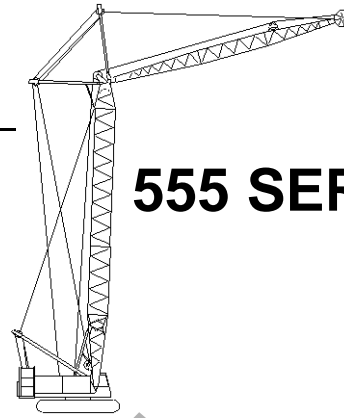


# Liftcrane Luffing Jib Capacities

## 555 SERIES 2

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

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



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

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	11 300	28.0
30.0	52.3	87.4	9 800*	56.8	89.1	10 700*	63.7	91.1	10 300	30.0
32.0	48.9	85.7	9 200*	53.5	87.7	10 000*	60.7	90.0	9 400	32.0
34.0	45.2	83.9	8 700*	50.1	86.2	9 400*	57.6	88.8	8 600	34.0
36.0	41.3	81.8	8 100*	46.5	84.4	8 900*	54.3	87.5	7 900	36.0
38.0	37.0	79.3	7 600*	42.7	82.4	8 400*	50.9	85.9	7 300	38.0
40.0	32.3	76.4	7 200*	38.6	80.0	7 900	47.4	84.2	6 800	40.0
42.0	26.8	72.9	6 800*	34.0	77.3	7 300	43.6	82.3	6 300	42.0
44.0	20.1	68.3	6 400*	28.9	74.0	6 800	39.6	80.0	5 900	44.0
46.0				22.7	69.9	6 300	35.2	77.4	5 400	46.0
48.0				14.2	63.9	5 900	30.2	74.3	5 100	48.0
50.0							24.3	70.4	4 700	50.0
52.0							16.6	65.0	4 400	52.0

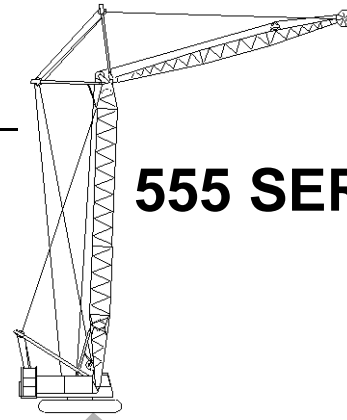


# Liftcrane Luffing Jib Capacities

# 555 SERIES 2

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

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



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

**51.8m (170 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	
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	10 200	30.0
32.0	52.1	89.7	8 900*	56.3	91.5	9 700*	62.8	93.5	9 300	32.0
34.0	48.9	88.1	8 400*	53.2	90.1	9 200*	60.0	92.4	8 600	34.0
36.0	45.4	86.2	7 900*	50.0	88.5	8 700*	57.0	91.2	7 900	36.0
38.0	41.8	84.1	7 400*	46.7	86.7	8 200*	54.0	89.8	7 300	38.0
40.0	37.9	81.7	7 000*	43.1	84.7	7 700*	50.8	88.3	6 700	40.0
42.0	33.6	78.9	6 600*	39.3	82.4	7 300	47.5	86.5	6 200	42.0
44.0	28.8	75.6	6 200*	35.2	79.8	6 800	44.0	84.6	5 800	44.0
46.0	23.0	71.5	5 900*	30.6	76.7	6 300	40.3	82.4	5 400	46.0
48.0	15.4	65.8	5 600*	25.2	72.9	5 900	36.2	79.8	5 000	48.0
50.0				18.5	67.9	5 500	31.7	76.9	4 700	50.0
52.0							26.6	73.3	4 400	52.0
54.0							20.3	68.7	4 100	54.0
56.0							10.9	61.5	3 800	56.0

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