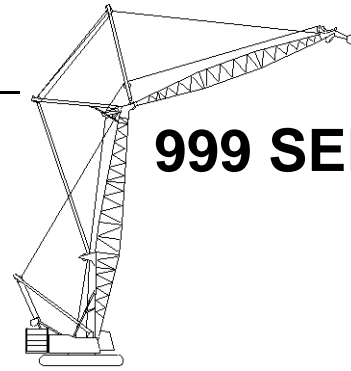




Liftcrane Luffing Jib Capacities

**Luffing Jib No. 149 With
Jib Backstay Pendants On
Boom No. 82
83 730 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**



999 SERIES 2

LIFTING CAPACITIES: Lifting capacities for various boom lengths, boom angles, luffing jib lengths, and luffing jib operating radii are for freely suspended loads and do not exceed 75% of a static tipping load. Capacities based on structural competence are denoted by an asterisk (*). Capacities indicated by (b) require 1 770 kg minimum block weight.

Consult Luffing Jib Raising Procedure chart **No. 8422-A** for Maximum Number of Lower Boom Point Sheaves (Layout Jack-Knife Method table, column A).

Upper luffing jib point capacity for liftcrane service with single part whip line is 13 380 kg or 26 760 kg with two part line (9 070 kg with one part line or 18 140 kg with 2 part line when auxiliary drum is used). In all cases, upper luffing jib point capacities cannot exceed those listed for main luffing jib capacity.

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

OPERATING CONDITIONS: Machine to operate on a firm uniformly supporting surface with gantry up and 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. A01031**, Wire Rope Specification chart **No. 8357-A** and Luffing Jib Raising Procedure chart **No. 8422-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. 8360-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.

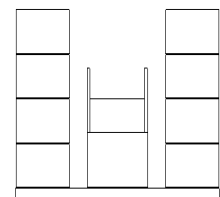
MACHINE EQUIPMENT: Machine equipped with 8 585 mm crawlers, 1 219 mm treads, 3 124 mm retractable gantry, 9 144 mm live mast, 20 part boom hoist reeving, boom support straps, 9 part luffing jib hoist reeving, luffing jib straps, two 38 mm luffing jib backstay pendants, 83 730 kg crane counterweight and two 9 980 kg carbody counterweights.

Consult chart **No. 8345-AM** for intermediate fall capacities. Consult chart **No. 8361-AM** for lifting off lower boom point with luffing jib attached. Consult chart **No. 8351-AM** for fixed jib on luffing jib capacities. Chart **No. 8361-AM** cannot be used when fixed jib No. 134 is attached to luffing jib No. 149.

Intermediate Fall Deduct
Deduct 680 kg from capacities when luffing jib is equipped with intermediate fall.

Boom Catwalks Deduct
Deduct 150 kg from capacities when boom catwalks are attached.

Deduct From Luffing Jib Capacities When Fixed Jib Is Attached	
Fixed Jib Length	Fixed Jib No.134
9.1m	1 860 kg
12.2m	2 220 kg
15.2m	2 630 kg
18.3m	3 040 kg
21.3m	3 360 kg
24.4m	3 810 kg



**83 730 kg Crane Counterweight
8 Side Boxes - 1 Center Box**

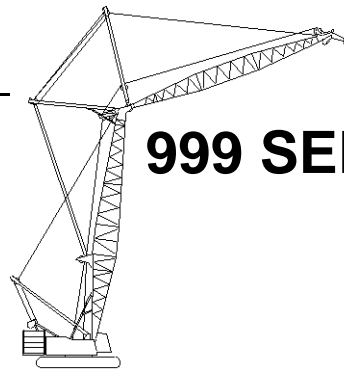


Liftcrane Luffing Jib Capacities

999 SERIES 2

Luffing Jib No. 149 With
Jib Backstay Pendants On
Boom No. 82
83 730 kg Crane Counterweight
19 960 kg Carbody Counterweight
360 Degree Rating

Designed And Tested
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The Scope of ANSI B30.5



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

Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
11.0	69.3	46.6	72 500*b																			11.0
12.0	66.3	46.2	66 400*b																			12.0
14.0	60.2	45.2	59 100*b	62.8	45.6	61 800b	66.6	46.0	63 300b													14.0
16.0	53.7	43.8	52 700*	56.5	44.3	54 300	60.6	45.0	52 800b	64.4	45.5	52 000b										16.0
18.0	46.6	42.1	46 800*	49.7	42.8	46 300	54.1	43.7	45 300	58.2	44.3	44 400										18.0
20.0	38.5	39.8	40 700*	42.1	40.8	40 400	47.1	42.0	39 600	51.6	42.9	38 800	58.4	43.8	37 400							20.0
22.0	28.5	36.7	35 500*	33.1	38.1	35 700	39.0	39.7	35 000	44.2	41.0	34 300	51.8	42.4	33 100							22.0
24.0	12.2	30.9	25 700*	20.8	34.0	31 200	29.2	36.7	31 300	35.7	38.5	30 700	44.5	40.5	29 600	51.8	41.7	28 600				24.0
26.0										24.6	34.9	27 700	36.0	38.1	26 700	44.5	39.8	25 700	51.6	40.8	24 800	26.0
28.0													36.0	37.4	26 700	44.5	39.8	25 700	44.3	38.9	22 500	28.0
30.0													25.0	34.5	24 200	36.0	37.4	23 400	25.1	33.9	21 300	30.0
32.0																			24.7	32.9	18 900	32.0

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

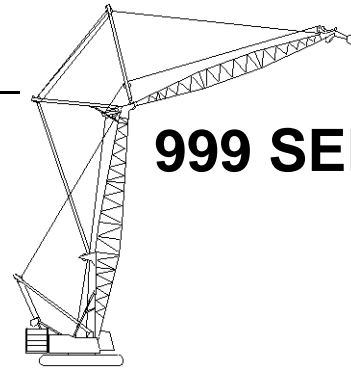
Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
11.0	72.0	49.9	69 000*b																			11.0
12.0	69.4	49.5	64 700*b																			12.0
14.0	64.3	48.6	57 600*b	66.5	49.0	60 300*b	69.7	49.3	63 100b													14.0
16.0	58.9	47.5	51 600*	61.2	47.9	53 500	64.6	48.5	52 700b													16.0
18.0	53.1	46.1	46 400*	55.6	46.7	46 200	59.2	47.3	45 200	62.6	47.8	44 300										18.0
20.0	46.9	44.4	40 600*	49.6	45.1	40 300	53.5	46.0	39 400	57.1	46.6	38 600										20.0
22.0	40.0	42.2	35 700*	43.0	43.1	35 700	47.3	44.3	34 900	51.3	45.2	34 100	57.3	46.2	32 900							22.0
24.0	31.8	39.3	31 800*	35.5	40.6	31 900	40.4	42.1	31 200	44.8	43.3	30 500	51.5	44.7	29 400							24.0
26.0	20.8	35.1	27 400*	26.0	37.1	28 700	32.3	39.3	28 200	37.6	40.9	27 500	45.1	42.8	26 500	51.5	44.0	25 500				26.0
28.0							21.6	35.2	25 600	28.8	37.8	25 000	37.8	40.5	24 100	45.1	42.2	23 200	51.3	43.1	22 300	28.0
30.0										15.8	32.7	22 800	29.1	37.4	22 000	37.9	39.8	21 200	44.9	41.2	20 300	30.0
32.0													16.4	32.4	20 200	29.1	36.7	19 400	37.6	38.9	18 700	32.0
34.0																			28.8	35.7	17 200	34.0
36.0																			16.0	30.6	15 900	36.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 149 With
Jib Backstay Pendants On
Boom No. 82
83 730 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



999 SERIES 2

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

Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
11.0	74.1	53.1	66 700*b																			11.0
12.0	71.8	52.8	62 900*b																			12.0
14.0	67.3	52.0	56 200*b	69.2	52.3	58 800*b																14.0
16.0	62.7	51.0	50 600*	64.7	51.4	52 700	67.6	51.8	52 800b													16.0
18.0	57.8	49.8	45 700*	59.9	50.3	46 200	63.0	50.9	45 000													18.0
20.0	52.7	48.4	40 500*	54.9	49.0	40 200	58.1	49.7	39 300	61.2	50.2	38 400										20.0
22.0	47.2	46.7	35 600*	49.6	47.4	35 600	53.0	48.3	34 800	56.3	49.0	34 000	61.3	49.7	32 800							22.0
24.0	41.1	44.6	31 700*	43.7	45.4	31 800	47.5	46.6	31 100	51.0	47.5	30 400	56.4	48.5	29 300							24.0
26.0	34.1	41.9	28 400*	37.2	43.0	28 700	41.4	44.5	28 100	45.3	45.6	27 400	51.2	47.0	26 400	56.4	47.8	25 400				26.0
28.0	25.4	38.3	25 500*	29.4	39.9	26 100	34.5	41.8	25 500	39.0	43.3	25 000	45.5	45.2	24 000	51.2	46.3	23 000				28.0
30.0	11.7	32.0	19 500*	18.8	35.2	23 100	26.0	38.3	23 300	31.6	40.4	22 800	39.2	42.9	21 900	45.5	44.5	21 100				30.0
32.0							12.9	32.4	21 400	22.1	36.3	20 900	31.9	40.0	20 100	39.3	42.2	19 300	45.4	43.5	18 600	32.0
34.0													22.5	36.0	18 500	31.9	39.3	17 800	39.1	41.3	17 100	34.0
36.0																22.5	35.3	16 500	31.7	38.4	15 800	36.0
38.0																			22.2	34.3	14 700	38.0

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

Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
11.0	75.7	56.3	64 400*b																			11.0
12.0	73.7	56.0	60 800*b																			12.0
14.0	69.7	55.3	54 600*b	71.4	55.5	57 200*b																14.0
16.0	65.6	54.4	49 400*	67.4	54.7	51 500*																16.0
18.0	61.4	53.4	44 800*	63.2	53.8	45 900	65.9	54.3	45 000													18.0
20.0	57.0	52.2	40 600*	58.9	52.7	40 100	61.6	53.2	39 200	64.3	53.7	38 300										20.0
22.0	52.3	50.7	35 500*	54.3	51.3	35 400	57.2	52.0	34 600	60.0	52.6	33 800										22.0
24.0	47.4	49.0	31 600*	49.5	49.7	31 700	52.6	50.6	31 000	55.6	51.3	30 200	60.2	52.1	29 100							24.0
26.0	41.9	46.9	28 300*	44.3	47.8	28 600	47.7	48.9	27 900	50.8	49.8	27 300	55.7	50.8	26 200							26.0
28.0	35.8	44.4	25 600*	38.5	45.4	26 000	42.3	46.8	25 300	45.7	47.9	24 800	51.0	49.3	23 800	55.7	50.1	22 800				28.0
30.0	28.6	41.1	23 300*	31.9	42.5	23 700	36.2	44.3	23 200	40.1	45.7	22 600	45.9	47.5	21 700	51.0	48.6	20 800				30.0
32.0	19.0	36.4	20 500*	23.6	38.6	21 800	29.1	41.1	21 300	33.7	43.0	20 800	40.3	45.3	20 000	45.9	46.8	19 100	50.8	47.7	18 300	32.0
34.0							19.7	36.5	19 600	26.0	39.4	19 200	34.0	42.6	18 400	40.3	44.6	17 600	45.8	45.9	16 900	34.0
36.0										14.8	33.8	17 700	26.3	39.0	17 000	34.0	41.9	16 300	40.2	43.6	15 600	36.0
38.0													15.3	33.5	15 800	26.3	38.3	15 100	33.8	40.9	14 500	38.0
40.0																			26.1	37.3	13 500	40.0
42.0																			15.0	31.8	12 500	42.0

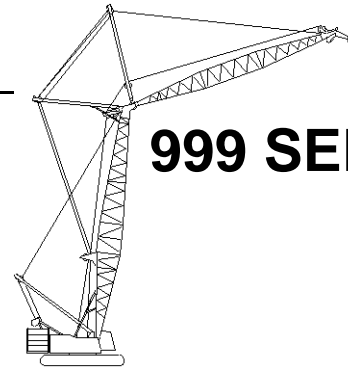


Liftcrane Luffing Jib Capacities

999 SERIES 2

**Luffing Jib No. 149 With
Jib Backstay Pendants On
Boom No. 82
83 730 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, 33.5m (110 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
11.6	75.9	59.3	60 100*b																			11.6
12.0	75.2	59.1	58 900*b																			12.0
14.0	71.6	58.5	53 200*	73.2	58.7	55 600*b																14.0
16.0	68.0	57.8	48 200*	69.5	58.0	50 200*																16.0
18.0	64.2	56.8	43 900*	65.8	57.2	45 600	68.2	57.6	44 900													18.0
20.0	60.3	55.8	40 000*	62.0	56.2	40 000	64.4	56.7	39 100	66.8	57.0	38 300										20.0
22.0	56.3	54.5	35 600*	58.0	55.0	35 400	60.6	55.6	34 600	63.0	56.1	33 800										22.0
24.0	52.0	53.0	31 500*	53.9	53.6	31 700	56.5	54.4	30 900	59.1	54.9	30 200										24.0
26.0	47.5	51.3	28 300*	49.5	52.0	28 500	52.3	52.9	27 900	55.0	53.6	27 200	59.2	54.5	26 100							26.0
28.0	42.6	49.2	25 600*	44.7	50.1	25 900	47.8	51.2	25 300	50.6	52.1	24 700	55.1	53.1	23 700							28.0
30.0	37.2	46.8	23 300*	39.6	47.8	23 700	42.9	49.1	23 200	46.0	50.2	22 600	50.8	51.6	21 700	55.1	52.4	20 800				30.0
32.0	31.0	43.8	21 300*	33.8	45.1	21 800	37.5	46.7	21 300	41.0	48.1	20 800	46.2	49.8	19 900	50.8	50.9	19 000				32.0
34.0	23.3	39.8	19 400*	26.9	41.6	20 100	31.4	43.7	19 600	35.4	45.5	19 100	41.2	47.6	18 400	46.2	49.1	17 600	50.7	50.0	16 800	34.0
36.0	11.4	33.1	15 200*	17.5	36.5	17 900	23.9	39.8	18 200	28.8	42.2	17 800	35.6	45.0	17 000	41.2	46.9	16 300	46.1	48.2	15 500	36.0
38.0							12.5	33.5	16 800	20.4	37.7	16 500	29.0	41.8	15 800	35.6	44.4	15 100	41.0	46.0	14 400	38.0
40.0													20.7	37.3	14 700	29.1	41.1	14 100	35.4	43.4	13 400	40.0
42.0																20.8	36.7	13 100	28.9	40.1	12 500	42.0
44.0																			20.5	35.6	11 700	44.0

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

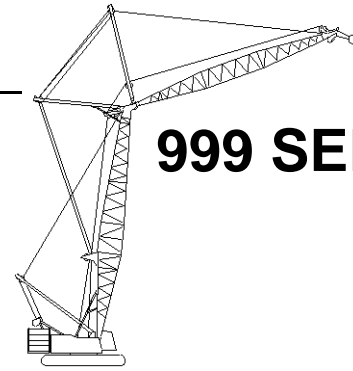
Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib 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	73.7	61.8	52 100*																			13.7
14.0	73.2	61.7	51 400*																			14.0
16.0	69.9	61.0	46 800*	71.3	61.3	48 800*																16.0
18.0	66.5	60.2	42 800*	68.0	60.5	44 500*																18.0
20.0	63.0	59.2	39 200*	64.5	59.6	39 900	66.7	60.0	38 900													20.0
22.0	59.4	58.1	35 500*	61.0	58.6	35 200	63.2	59.1	34 400	65.4	59.5	33 600										22.0
24.0	55.7	56.8	31 400*	57.3	57.3	31 500	59.6	58.0	30 700	61.9	58.5	30 000										24.0
26.0	51.8	55.3	28 100*	53.5	55.9	28 400	55.9	56.7	27 700	58.3	57.3	27 000	62.0	58.0	25 900							26.0
28.0	47.6	53.6	25 300*	49.4	54.3	25 800	52.0	55.2	25 200	54.5	55.9	24 500	58.4	56.8	23 500							28.0
30.0	43.2	51.6	23 000*	45.1	52.4	23 600	47.9	53.5	23 000	50.5	54.4	22 400	54.6	55.5	21 500							30.0
32.0	38.3	49.2	21 000*	40.4	50.2	21 600	43.5	51.5	21 100	46.3	52.5	20 600	50.6	53.9	19 700	54.6	54.8	18 800				32.0
34.0	32.9	46.3	19 300*	35.3	47.6	20 000	38.6	49.1	19 500	41.7	50.4	19 000	46.4	52.1	18 200	50.7	53.2	17 400				34.0
36.0	26.4	42.7	17 800*	29.3	44.3	18 400*	33.2	46.3	18 000	36.7	47.9	17 600	41.9	50.0	16 800	46.4	51.4	16 000	50.5	52.3	15 300	36.0
38.0	17.8	37.7	15 800*	21.9	40.0	17 000*	26.8	42.7	16 700	31.0	44.9	16 300	36.9	47.5	15 600	41.9	49.3	14 900	46.3	50.5	14 200	38.0
40.0							18.4	37.8	15 500	24.0	40.9	15 200	31.2	44.4	14 500	36.9	46.8	13 900	41.8	48.4	13 200	40.0
42.0										14.1	34.9	14 200	24.3	40.5	13 600	31.2	43.8	12 900	36.7	45.9	12 300	42.0
44.0													14.5	34.7	12 600	24.3	39.9	12 000	31.0	42.8	11 500	44.0
46.0																			24.1	38.9	10 700	46.0
48.0																			14.2	32.9	10 000	48.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 149 With
Jib Backstay Pendants On
Boom No. 82
83 730 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



999 SERIES 2

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

Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib 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	65.0	50 400*																			13.7
14.0	74.5	64.9	49 800*																			14.0
16.0	71.5	64.3	45 700*	72.8	64.5	47 400*																16.0
18.0	68.4	63.5	41 800*	69.7	63.8	43 400*																18.0
20.0	65.3	62.7	38 500*	66.6	63.0	39 800	68.6	63.4	38 800													20.0
22.0	62.0	61.6	35 200*	63.4	62.0	35 100	65.4	62.5	34 200													22.0
24.0	58.7	60.5	31 400*	60.1	60.9	31 300	62.2	61.5	30 600	64.3	61.9	29 900										24.0
26.0	55.2	59.1	28 100*	56.7	59.7	28 300	58.9	60.3	27 500	61.0	60.8	26 900										26.0
28.0	51.6	57.6	25 300*	53.1	58.2	25 600	55.4	59.0	25 000	57.6	59.6	24 400	61.1	60.4	23 400							28.0
30.0	47.7	55.9	23 000*	49.4	56.6	23 400	51.8	57.5	22 800	54.1	58.2	22 300	57.7	59.1	21 300							30.0
32.0	43.7	53.9	21 000*	45.4	54.7	21 500	48.0	55.8	21 000	50.4	56.7	20 500	54.2	57.8	19 500	57.7	58.5	18 600				32.0
34.0	39.2	51.6	19 200*	41.2	52.5	19 800	43.9	53.8	19 400	46.5	54.8	18 800	50.5	56.2	18 000	54.2	57.1	17 200				34.0
36.0	34.3	48.9	17 700*	36.5	50.0	18 300	39.5	51.5	17 900	42.3	52.8	17 400	46.6	54.4	16 600	50.5	55.5	15 900				36.0
38.0	28.7	45.5	16 300*	31.2	47.0	16 800*	34.6	48.8	16 600	37.8	50.3	16 200	42.5	52.3	15 500	46.6	53.7	14 700				38.0
40.0	21.8	41.2	15 000*	25.0	43.1	15 600*	29.1	45.5	15 500	32.7	47.4	15 100	37.9	49.9	14 400	42.5	51.6	13 700	46.5	52.8	13 000	40.0
42.0	11.2	34.2	12 000*	16.6	37.7	14 000*	22.2	41.2	14 400	26.7	43.9	14 000	32.8	47.0	13 400	37.9	49.2	12 800	42.3	50.7	12 200	42.0
44.0							12.1	34.5	13 200	19.1	39.0	13 100	26.9	43.5	12 500	32.9	46.3	11 900	37.8	48.3	11 300	44.0
46.0													19.4	38.7	11 700	27.0	42.8	11 100	32.7	45.4	10 600	46.0
48.0																19.5	38.0	10 400	26.8	41.8	9 900	48.0
50.0																			19.2	37.0	9 300	50.0

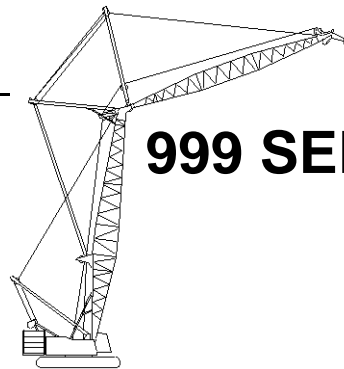


Liftcrane Luffing Jib Capacities

999 SERIES 2

Luffing Jib No. 149 With
Jib Backstay Pendants On
Boom No. 82
83 730 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

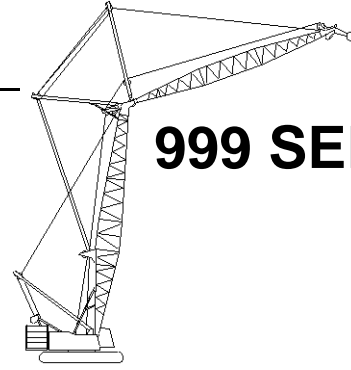
Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib 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	73.9	67.7	45 700*																			15.2
16.0	72.9	67.5	44 200*																			16.0
18.0	70.0	66.8	40 700*	71.2	67.0	42 200*																18.0
20.0	67.1	66.0	37 500*	68.4	66.3	38 900	70.2	66.6	38 600													20.0
22.0	64.2	65.1	34 600*	65.4	65.4	35 000	67.3	65.8	34 000													22.0
24.0	61.1	64.0	31 300*	62.4	64.4	31 200	64.4	64.9	30 400	66.2	65.3	29 700										24.0
26.0	58.0	62.8	27 800*	59.4	63.3	28 100	61.3	63.9	27 400	63.2	64.3	26 700										26.0
28.0	54.8	61.5	25 100*	56.2	62.0	25 500	58.2	62.7	24 800	60.2	63.2	24 200										28.0
30.0	51.4	59.9	22 700*	52.8	60.5	23 200	55.0	61.3	22 700	57.0	62.0	22 100	60.3	62.7	21 100							30.0
32.0	47.8	58.2	20 700*	49.4	58.9	21 400	51.6	59.8	20 800	53.7	60.5	20 200	57.1	61.5	19 300							32.0
34.0	44.1	56.2	19 000*	45.7	57.0	19 700	48.0	58.1	19 200	50.3	59.0	18 600	53.8	60.1	17 800	57.1	60.8	17 000				34.0
36.0	40.0	54.0	17 400*	41.8	54.9	18 100*	44.3	56.1	17 800	46.7	57.2	17 200	50.4	58.5	16 400	53.8	59.4	15 700				36.0
38.0	35.6	51.3	16 100*	37.5	52.4	16 600*	40.2	53.9	16 500	42.8	55.1	16 000	46.8	56.7	15 200	50.4	57.8	14 500				38.0
40.0	30.6	48.2	14 900*	32.8	49.5	15 400*	35.8	51.3	15 300	38.7	52.7	14 900	42.9	54.6	14 200	46.8	56.0	13 500	50.3	56.9	12 800	40.0
42.0	24.7	44.3	13 800*	27.3	46.0	14 200*	30.9	48.2	14 300	34.1	50.0	13 900	38.8	52.3	13 200	43.0	54.0	12 600	46.7	55.1	11 900	42.0
44.0	16.9	38.9	12 300*	20.6	41.4	13 200*	25.1	44.3	13 400	28.8	46.6	13 000	34.2	49.5	12 400	38.8	51.6	11 700	42.9	53.0	11 100	44.0
46.0							17.5	39.0	12 400	22.5	42.4	12 100	29.0	46.2	11 500	34.3	48.9	11 000	38.7	50.7	10 400	46.0
48.0										13.6	36.0	11 400	22.8	42.0	10 800	29.1	45.5	10 300	34.1	47.9	9 700	48.0
50.0													14.0	35.8	10 100	22.8	41.3	9 600	28.9	44.6	9 100	50.0
52.0																			22.6	40.3	8 500	52.0
54.0																			13.7	34.0	8 000	54.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 149 With
Jib Backstay Pendants On
Boom No. 82
83 730 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



999 SERIES 2

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

Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib 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	70.9	41 000*																			15.2
16.0	74.1	70.7	40 900*																			16.0
18.0	71.4	70.0	39 600*																			18.0
20.0	68.7	69.3	36 600*	69.9	69.6	38 000*																20.0
22.0	66.0	68.4	34 000*	67.2	68.8	34 900	68.9	69.1	34 000													22.0
24.0	63.2	67.5	31 000*	64.4	67.8	31 100	66.2	68.3	30 300													24.0
26.0	60.4	66.4	27 800*	61.6	66.8	28 000	63.4	67.3	27 300	65.2	67.7	26 600										26.0
28.0	57.4	65.2	25 000*	58.7	65.6	25 400	60.5	66.2	24 800	62.3	66.7	24 100										28.0
30.0	54.4	63.8	22 700*	55.7	64.3	23 200	57.6	65.0	22 600	59.5	65.6	22 000										30.0
32.0	51.2	62.2	20 600*	52.6	62.8	21 300	54.6	63.6	20 700	56.5	64.3	20 200	59.6	65.1	19 200							32.0
34.0	47.9	60.5	18 900*	49.3	61.2	19 600	51.4	62.1	19 100	53.4	62.9	18 600	56.6	63.8	17 700							34.0
36.0	44.4	58.5	17 400*	45.9	59.3	18 000*	48.1	60.4	17 700	50.2	61.3	17 200	53.5	62.4	16 400	56.6	63.1	15 600				36.0
38.0	40.7	56.3	16 000*	42.3	57.2	16 600*	44.6	58.4	16 400	46.8	59.5	15 900	50.3	60.8	15 200	53.5	61.7	14 400				38.0
40.0	36.6	53.8	14 800*	38.4	54.8	15 300*	40.9	56.2	15 300	43.3	57.4	14 800	46.9	59.0	14 100	50.3	60.1	13 400				40.0
42.0	32.1	50.8	13 700*	34.1	52.1	14 100*	36.8	53.7	14 200	39.4	55.1	13 800	43.4	57.0	13 200	47.0	58.3	12 500	50.2	59.2	11 800	42.0
44.0	26.9	47.2	12 700*	29.2	48.7	13 100*	32.4	50.8	13 300	35.2	52.4	12 900	39.6	54.7	12 300	43.4	56.3	11 600	46.9	57.4	11 000	44.0
46.0	20.6	42.5	11 800*	23.5	44.6	12 200*	27.3	47.2	12 500	30.6	49.3	12 100	35.4	52.0	11 500	39.6	54.0	10 900	43.3	55.4	10 300	46.0
48.0	11.1	35.3	9 400*	15.8	38.9	11 000*	21.0	42.6	11 700	25.1	45.4	11 300	30.7	48.9	10 800	35.4	51.3	10 200	39.5	53.0	9 600	48.0
50.0							11.9	35.6	10 500	18.2	40.3	10 700	25.3	45.0	10 100	30.8	48.2	9 600	35.3	50.4	9 000	50.0
52.0													18.4	39.9	9 500	25.3	44.4	9 000	30.6	47.2	8 500	52.0
54.0																18.5	39.3	8 400	25.2	43.4	7 900	54.0
56.0																			18.2	38.2	7 400	56.0

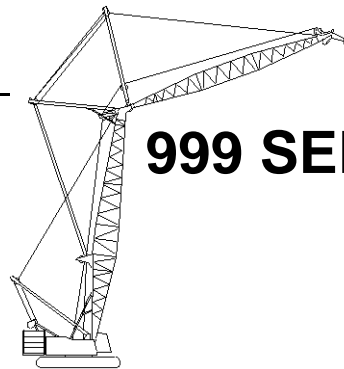


Liftcrane Luffing Jib Capacities

999 SERIES 2

Luffing Jib No. 149 With
Jib Backstay Pendants On
Boom No. 82
83 730 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

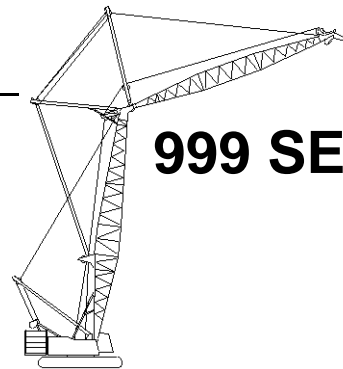
Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib 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	76.0	74.1	36 400*																			15.2
16.0	75.1	73.9	36 300*																			16.0
18.0	72.6	73.3	36 000*																			18.0
20.0	70.1	72.6	35 500*	71.2	72.8	36 800*																20.0
22.0	67.6	71.8	33 000*	68.7	72.1	34 100																22.0
24.0	65.0	70.9	30 600*	66.1	71.2	31 000	67.8	71.6	30 100													24.0
26.0	62.4	69.9	27 600*	63.5	70.2	27 800	65.2	70.7	27 100	66.8	71.1	26 400										26.0
28.0	59.7	68.7	24 800*	60.9	69.2	25 200	62.6	69.7	24 600	64.2	70.1	23 900										28.0
30.0	56.9	67.5	22 500*	58.1	68.0	23 000	59.9	68.6	22 400	61.6	69.1	21 800										30.0
32.0	54.1	66.1	20 400*	55.3	66.6	21 100	57.1	67.3	20 500	58.8	67.9	20 000	61.7	68.6	19 000							32.0
34.0	51.1	64.5	18 700*	52.4	65.1	19 400	54.2	65.9	18 900	56.0	66.6	18 400	58.9	67.4	17 500							34.0
36.0	48.0	62.8	17 200*	49.3	63.5	17 800*	51.3	64.4	17 500	53.1	65.2	17 000	56.1	66.1	16 200							36.0
38.0	44.7	60.9	15 800*	46.1	61.6	16 300*	48.2	62.7	16 200	50.1	63.6	15 700	53.2	64.7	15 000							38.0
40.0	41.2	58.7	14 600*	42.7	59.6	15 100*	44.9	60.7	15 100	47.0	61.8	14 600	50.2	63.1	13 900	53.3	64.0	13 200				40.0
42.0	37.5	56.2	13 500*	39.1	57.2	13 900*	41.4	58.6	14 000	43.6	59.7	13 600	47.1	61.3	12 900	50.2	62.4	12 300				42.0
44.0	33.4	53.3	12 500*	35.2	54.5	12 900*	37.7	56.1	13 100	40.1	57.5	12 700	43.7	59.3	12 100	47.1	60.6	11 400	50.2	61.5	10 800	44.0
46.0	28.8	50.0	11 600*	30.8	51.4	12 000*	33.6	53.3	12 300	36.2	54.9	11 900	40.2	57.0	11 300	43.8	58.6	10 700	47.0	59.7	10 100	46.0
48.0	23.3	45.8	10 800*	25.8	47.6	11 200*	29.1	49.9	11 500	32.0	51.9	11 200	36.4	54.5	10 600	40.2	56.4	10 000	43.7	57.7	9 400	48.0
50.0	16.2	40.1	9 600*	19.5	42.7	10 400*	23.7	45.8	10 800	27.2	48.3	10 500	32.1	51.5	9 900	36.4	53.8	9 400	40.1	55.4	8 800	50.0
52.0							16.7	40.2	10 000*	21.3	43.8	9 800	27.3	47.9	9 300	32.2	50.8	8 800	36.3	52.8	8 200	52.0
54.0										13.2	37.1	9 200	21.6	43.4	8 700	27.4	47.2	8 300	32.0	49.8	7 700	54.0
56.0													13.6	36.9	8 200	21.6	42.7	7 700	27.2	46.2	7 300	56.0
58.0																			21.4	41.7	6 800	58.0
60.0																			13.3	35.1	6 400	60.0



Liftcrane Luffing Jib Capacities

**Luffing Jib No. 149 With
Jib Backstay Pendants On
Boom No. 82
83 730 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



999 SERIES 2

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

Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib 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	75.1	76.8	32 400*																			16.8
18.0	73.7	76.4	32 200*																			18.0
20.0	71.4	75.8	31 800*	72.3	76.0	35 700*																20.0
22.0	69.0	75.1	31 500*	70.0	75.3	33 300*																22.0
24.0	66.6	74.2	30 200*	67.6	74.5	30 700	69.1	74.9	30 000													24.0
26.0	64.2	73.3	27 600*	65.2	73.6	27 700	66.7	74.1	26 900													26.0
28.0	61.7	72.3	24 800*	62.7	72.6	25 100	64.3	73.1	24 400	65.8	73.5	23 800										28.0
30.0	59.1	71.1	22 400*	60.2	71.5	22 900	61.8	72.1	22 200	63.4	72.5	21 600										30.0
32.0	56.5	69.8	20 400*	57.6	70.3	21 000	59.3	70.9	20 400	60.9	71.5	19 800										32.0
34.0	53.8	68.4	18 600*	54.9	68.9	19 300	56.6	69.7	18 800	58.3	70.3	18 200	61.0	71.0	17 300							34.0
36.0	51.0	66.8	17 000*	52.2	67.4	17 700*	53.9	68.3	17 300	55.6	68.9	16 800	58.4	69.8	16 000							36.0
38.0	48.0	65.1	15 700*	49.3	65.8	16 200*	51.1	66.7	16 100	52.9	67.5	15 600	55.7	68.5	14 800							38.0
40.0	45.0	63.2	14 400*	46.3	63.9	15 000*	48.2	65.0	14 900	50.1	65.9	14 500	53.0	67.0	13 700	55.7	67.8	13 000				40.0
42.0	41.7	61.0	13 300*	43.1	61.9	13 800*	45.1	63.1	13 900	47.1	64.1	13 500	50.2	65.4	12 800	53.0	66.3	12 100				42.0
44.0	38.2	58.6	12 400*	39.7	59.6	12 800*	41.9	60.9	13 000	44.0	62.1	12 600	47.2	63.6	11 900	50.2	64.7	11 300				44.0
46.0	34.5	55.8	11 500*	36.1	57.0	11 800*	38.5	58.5	12 200	40.7	59.8	11 800	44.1	61.6	11 100	47.2	62.9	10 500	50.1	63.8	9 900	46.0
48.0	30.3	52.6	10 700*	32.1	54.0	11 000*	34.7	55.8	11 400	37.1	57.3	11 000	40.8	59.4	10 400	44.1	60.9	9 800	47.1	62.0	9 200	48.0
50.0	25.5	48.8	9 900*	27.6	50.4	10 200*	30.5	52.6	10 700	33.2	54.4	10 300	37.2	56.9	9 700	40.8	58.7	9 200	44.0	60.0	8 700	50.0
52.0	19.6	43.9	9 200*	22.3	46.1	9 500*	25.8	48.8	10 000*	28.9	51.1	9 700	33.3	54.0	9 200	37.2	56.2	8 600	40.7	57.8	8 100	52.0
54.0	11.0	36.3	7 300*	15.3	40.0	8 600*	20.0	44.0	9 300*	23.8	46.9	9 100	29.0	50.7	8 600	33.4	53.3	8 100	37.1	55.3	7 600	54.0
56.0							11.7	36.7	8 200*	17.4	41.5	8 600	24.0	46.6	8 100	29.0	50.0	7 600	33.2	52.4	7 100	56.0
58.0													17.6	41.2	7 600	24.0	45.9	7 100	28.9	49.0	6 600	58.0
60.0																17.7	40.5	6 700	23.9	44.9	6 200	60.0
62.0																			17.5	39.5	5 800	62.0
64.0																			6.3	29.6	5 400	64.0

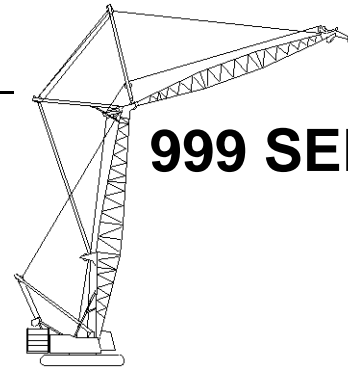


Liftcrane Luffing Jib Capacities

999 SERIES 2

Luffing Jib No. 149 With
Jib Backstay Pendants On
Boom No. 82
83 730 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, 54.9m (180 Ft.) Luffing Jib

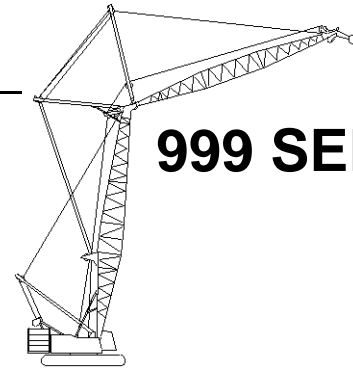
Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib 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	75.9	80.0	29 000*																			16.8
18.0	74.6	79.6	28 800*																			18.0
20.0	72.4	79.0	28 500*	73.4	79.2	32 400*																20.0
22.0	70.2	78.3	28 100*	71.2	78.6	31 900*																22.0
24.0	68.0	77.5	27 800*	68.9	77.8	30 200*																24.0
26.0	65.7	76.7	27 300*	66.7	77.0	27 500	68.1	77.4	26 700													26.0
28.0	63.4	75.7	24 600*	64.4	76.1	24 900	65.8	76.5	24 200	67.3	76.8	23 500										28.0
30.0	61.0	74.6	22 200*	62.0	75.0	22 700	63.5	75.5	22 000	65.0	75.9	21 400										30.0
32.0	58.6	73.4	20 100*	59.6	73.9	20 800	61.1	74.5	20 200	62.6	74.9	19 600										32.0
34.0	56.1	72.1	18 400*	57.2	72.6	19 100	58.7	73.3	18 500	60.2	73.8	18 000										34.0
36.0	53.5	70.7	16 800*	54.6	71.3	17 400*	56.2	72.0	17 100	57.8	72.6	16 600	60.3	73.3	15 800							36.0
38.0	50.9	69.1	15 400*	52.0	69.8	16 000*	53.7	70.6	15 900	55.3	71.3	15 400	57.9	72.1	14 600							38.0
40.0	48.1	67.4	14 200*	49.3	68.1	14 700*	51.0	69.0	14 800	52.7	69.8	14 300	55.4	70.8	13 500							40.0
42.0	45.2	65.5	13 100*	46.4	66.2	13 600*	48.3	67.3	13 700	50.0	68.2	13 300	52.8	69.3	12 600	55.4	70.1	11 900				42.0
44.0	42.2	63.4	12 200*	43.5	64.2	12 600*	45.4	65.4	12 800	47.2	66.4	12 400	50.1	67.7	11 700	52.8	68.6	11 000				44.0
46.0	38.9	61.0	11 300*	40.3	62.0	11 600*	42.3	63.3	12 000	44.3	64.4	11 600	47.3	65.9	10 900	50.1	67.0	10 300				46.0
48.0	35.4	58.3	10 400*	36.9	59.4	10 800*	39.1	60.9	11 200	41.2	62.2	10 800	44.4	63.9	10 200	47.3	65.2	9 600	50.0	66.1	9 000	48.0
50.0	31.6	55.2	9 700*	33.3	56.5	10 000*	35.6	58.2	10 500	37.8	59.7	10 200	41.3	61.7	9 600	44.4	63.3	9 000	47.2	64.3	8 400	50.0
52.0	27.3	51.6	9 000*	29.2	53.2	9 300*	31.8	55.2	9 700*	34.3	56.9	9 600	38.0	59.3	9 000	41.3	61.1	8 400	44.3	62.3	7 900	52.0
54.0	22.2	47.2	8 400*	24.5	49.1	8 600*	27.6	51.6	9 000*	30.3	53.7	9 000	34.4	56.5	8 400	38.0	58.6	7 900	41.2	60.1	7 400	54.0
56.0	15.6	41.2	7 400*	18.7	44.0	8 000*	22.5	47.3	8 400*	25.8	49.9	8 400	30.4	53.3	7 900	34.4	55.8	7 400	37.9	57.7	6 900	56.0
58.0							16.1	41.4	7 800*	20.4	45.1	7 900	26.0	49.5	7 400	30.5	52.6	6 900	34.3	54.9	6 400	58.0
60.0										12.9	38.2	7 300	20.6	44.8	6 900	26.0	48.8	6 500	30.3	51.7	6 100	60.0
62.0													13.2	38.0	6 500	20.6	44.1	6 100	25.8	47.9	5 600	62.0
64.0																13.3	37.4	5 700	20.4	43.1	5 300	64.0
66.0																			13.0	36.2	4 900	66.0



Liftcrane Luffing Jib Capacities

**Luffing Jib No. 149 With
Jib Backstay Pendants On
Boom No. 82
83 730 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



999 SERIES 2

24.4m (80 Ft.) Boom, 57.9m (190 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m	
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms		
18.3	75.1	82.7	25 900*																			18.3	
20.0	73.4	82.2	25 600*																			20.0	
22.0	71.3	81.6	25 300*	72.2	81.8	28 800*																22.0	
24.0	69.2	80.8	25 000*	70.1	81.1	28 500*																24.0	
26.0	67.1	80.0	24 600*	68.0	80.3	27 400	69.3	80.6	26 700													26.0	
28.0	64.9	79.1	24 100*	65.8	79.4	24 800	67.2	79.8	24 100													28.0	
30.0	62.7	78.1	22 100*	63.6	78.5	22 600	65.0	78.9	22 000	66.4	79.3	21 300										30.0	
32.0	60.4	77.0	20 000*	61.4	77.4	20 700	62.8	77.9	20 100	64.2	78.3	19 500										32.0	
34.0	58.1	75.8	18 200*	59.1	76.2	19 000	60.5	76.8	18 500	62.0	77.3	17 900										34.0	
36.0	55.7	74.5	16 700*	56.7	75.0	17 300*	58.2	75.6	17 000	59.7	76.2	16 500										36.0	
38.0	53.3	73.0	15 300*	54.3	73.6	15 900*	55.9	74.3	15 800	57.4	74.9	15 300	59.8	75.7	14 500							38.0	
40.0	50.8	71.4	14 100*	51.8	72.1	14 600*	53.4	72.9	14 600	55.0	73.6	14 200	57.4	74.5	13 400							40.0	
42.0	48.1	69.7	13 000*	49.3	70.4	13 500*	50.9	71.3	13 600	52.5	72.1	13 200	55.0	73.1	12 500							42.0	
44.0	45.4	67.8	12 000*	46.6	68.6	12 400*	48.3	69.6	12 700	49.9	70.5	12 300	52.6	71.6	11 600	55.1	72.4	11 000				44.0	
46.0	42.5	65.7	11 100*	43.8	66.5	11 500*	45.6	67.7	11 900	47.3	68.7	11 500	50.0	70.0	10 800	52.6	70.9	10 200				46.0	
48.0	39.5	63.4	10 300*	40.8	64.3	10 700*	42.7	65.6	11 100	44.5	66.7	10 700	47.4	68.2	10 100	50.0	69.3	9 500				48.0	
50.0	36.2	60.8	9 600*	37.7	61.8	9 900*	39.7	63.3	10 400	41.6	64.5	10 100	44.6	66.3	9 500	47.4	67.5	8 900	50.0	68.4	8 300	50.0	
52.0	32.7	57.8	8 900*	34.3	59.0	9 200*	36.4	60.7	9 600*	38.5	62.1	9 500	41.7	64.1	8 900	44.6	65.6	8 300	47.3	66.6	7 700	52.0	
54.0	28.8	54.4	8 300*	30.5	55.8	8 500*	32.9	57.8	8 900*	35.2	59.4	8 900	38.6	61.7	8 300	41.7	63.4	7 800	44.5	64.6	7 300	54.0	
56.0	24.3	50.3	7 700*	26.3	52.1	7 900*	29.0	54.4	8 300*	31.5	56.3	8 300	35.3	59.0	7 800	38.6	61.0	7 300	41.6	62.5	6 800	56.0	
58.0	18.8	45.1	7 100*	21.3	47.5	7 400*	24.6	50.3	7 700*	27.5	52.7	7 800	31.7	55.9	7 300	35.3	58.3	6 800	38.5	60.1	6 400	58.0	
60.0	10.9	37.4	5 600*	14.8	41.2	6 600*	19.2	45.3	7 100*	22.7	48.4	7 400	27.6	52.3	6 900	31.7	55.2	6 400	35.2	57.4	6 000	60.0	
62.0							11.5	37.8	6 300*	16.8	42.7	6 900	22.9	48.0	6 400	27.6	51.7	6 000	31.6	54.3	5 600	62.0	
64.0											6.7	32.7	6 000	17.0	42.4	6 100	22.9	47.4	5 600	27.5	50.7	5 200	64.0
66.0																	17.0	41.7	5 300	22.8	46.3	4 900	66.0
68.0																				16.8	40.7	4 500	68.0
70.0																				6.8	30.8	4 200	70.0

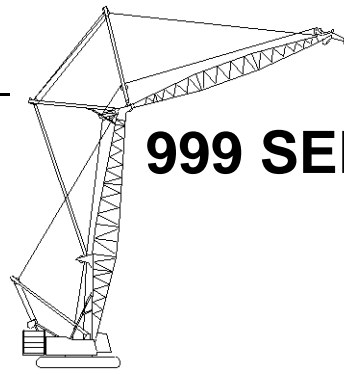


Liftcrane Luffing Jib Capacities

999 SERIES 2

Luffing Jib No. 149 With
Jib Backstay Pendants On
Boom No. 82
83 730 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, 61.0m (200 Ft.) Luffing Jib

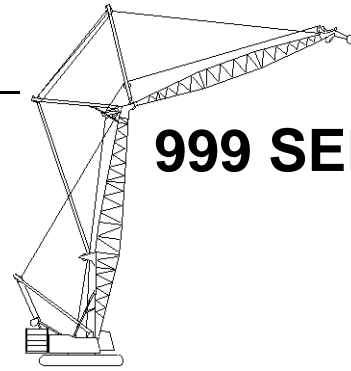
Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
18.3	75.9	85.9	23 100*																			18.3
20.0	74.2	85.4	22 800*																			20.0
22.0	72.3	84.8	22 500*	73.1	85.0	25 600*																22.0
24.0	70.3	84.1	22 200*	71.1	84.3	25 300*																24.0
26.0	68.3	83.3	21 800*	69.1	83.6	25 000*	70.4	83.9	24 300*													26.0
28.0	66.2	82.5	21 500*	67.1	82.8	24 400	68.4	83.1	23 700													28.0
30.0	64.1	81.5	21 200*	65.0	81.9	22 500	66.3	82.3	21 800													30.0
32.0	62.0	80.5	19 800*	62.9	80.9	20 500	64.3	81.3	19 900	65.6	81.7	19 300										32.0
34.0	59.9	79.4	18 000*	60.8	79.8	18 800*	62.2	80.3	18 300	63.5	80.8	17 700										34.0
36.0	57.7	78.1	16 500*	58.6	78.6	17 100*	60.0	79.2	16 800	61.4	79.7	16 300										36.0
38.0	55.4	76.8	15 100*	56.4	77.3	15 700*	57.8	78.0	15 600	59.2	78.5	15 100	61.4	79.2	14 300							38.0
40.0	53.1	75.3	13 900*	54.1	75.9	14 400*	55.5	76.6	14 400	57.0	77.3	14 000	59.3	78.1	13 200							40.0
42.0	50.7	73.7	12 800*	51.7	74.4	13 200*	53.2	75.2	13 500	54.7	75.9	13 000	57.0	76.8	12 300							42.0
44.0	48.2	72.0	11 800*	49.2	72.7	12 200*	50.8	73.6	12 600	52.3	74.4	12 100	54.8	75.4	11 400							44.0
46.0	45.6	70.1	10 900*	46.7	70.9	11 300*	48.3	71.9	11 700	49.9	72.8	11 300	52.4	73.9	10 600	54.8	74.7	10 000				46.0
48.0	42.9	68.0	10 100*	44.0	68.9	10 400*	45.7	70.0	10 900	47.4	71.0	10 600	50.0	72.3	9 900	52.4	73.2	9 300				48.0
50.0	40.0	65.7	9 300*	41.3	66.7	9 600*	43.0	67.9	10 100*	44.8	69.0	9 900	47.5	70.5	9 300	50.0	71.6	8 700				50.0
52.0	37.0	63.2	8 600*	38.3	64.2	9 000*	40.2	65.6	9 400*	42.0	66.9	9 200	44.8	68.6	8 700	47.5	69.8	8 100	49.9	70.7	7 500	52.0
54.0	33.7	60.3	8 100*	35.1	61.5	8 300*	37.2	63.1	8 700*	39.1	64.5	8 700	42.1	66.4	8 100	44.9	67.9	7 600	47.4	68.9	7 100	54.0
56.0	30.1	57.1	7 500*	31.7	58.4	7 700*	33.9	60.3	8 100*	36.0	61.9	8 200	39.2	64.1	7 600	42.1	65.7	7 100	44.8	67.0	6 600	56.0
58.0	26.1	53.2	6 900*	27.8	54.9	7 100*	30.3	57.0	7 500*	32.6	58.9	7 600	36.1	61.4	7 100	39.2	63.4	6 600	42.0	64.8	6 100	58.0
60.0	21.3	48.6	6 400*	23.4	50.6	6 600*	26.3	53.3	6 900*	28.9	55.5	7 200	32.7	58.5	6 700	36.1	60.8	6 200	39.1	62.4	5 700	60.0
62.0	15.2	42.4	5 600*	18.0	45.2	6 100*	21.6	48.7	6 400*	24.7	51.5	6 700	29.0	55.1	6 300	32.7	57.8	5 800	36.0	59.8	5 300	62.0
64.0	1.9	28.5	3 400*	10.1	37.0	4 900*	15.6	42.6	5 900*	19.6	46.4	6 300*	24.8	51.1	5 900	29.0	54.4	5 400	32.6	56.8	5 000	64.0
66.0										12.7	39.3	5 700*	19.8	46.1	5 500	24.8	50.4	5 100	28.9	53.4	4 600	66.0
68.0													12.9	39.1	5 100	19.8	45.4	4 700	24.7	49.4	4 300	68.0
70.0																13.0	38.5	4 400	19.6	44.4	4 000	70.0
72.0																			12.7	37.3	3 800	72.0



Liftcrane Luffing Jib Capacities

**Luffing Jib No. 149 With
Jib Backstay Pendants On
Boom No. 82
83 730 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



999 SERIES 2

24.4m (80 Ft.) Boom, 64.0m (210 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
19.8	75.2	88.6	20 700*																			19.8
20.0	75.0	88.6	20 600*																			20.0
22.0	73.1	88.0	20 300*																			22.0
24.0	71.3	87.3	20 000*	72.1	87.5	22 800*																24.0
26.0	69.4	86.6	19 700*	70.2	86.8	22 500*																26.0
28.0	67.4	85.8	19 400*	68.2	86.1	22 200*	69.5	86.4	21 600*													28.0
30.0	65.5	84.9	19 100*	66.3	85.2	21 800*	67.5	85.6	21 300													30.0
32.0	63.5	83.9	18 800*	64.3	84.3	20 400	65.6	84.7	19 700	66.8	85.1	19 100										32.0
34.0	61.4	82.9	18 100*	62.3	83.3	18 700	63.6	83.8	18 100	64.8	84.1	17 600										34.0
36.0	59.4	81.7	16 400*	60.3	82.1	17 100*	61.6	82.7	16 700	62.8	83.2	16 100										36.0
38.0	57.3	80.5	15 000*	58.2	80.9	15 600*	59.5	81.6	15 400	60.8	82.1	14 900										38.0
40.0	55.1	79.1	13 800*	56.0	79.6	14 300*	57.4	80.3	14 300	58.7	80.9	13 800	60.9	81.6	13 100							40.0
42.0	52.9	77.6	12 700*	53.8	78.2	13 100*	55.2	79.0	13 300	56.6	79.6	12 800	58.8	80.4	12 100							42.0
44.0	50.6	76.0	11 700*	51.6	76.7	12 100*	53.0	77.5	12 400	54.4	78.2	12 000	56.7	79.1	11 200							44.0
46.0	48.2	74.3	10 800*	49.2	75.0	11 200*	50.7	75.9	11 500	52.2	76.7	11 100	54.5	77.7	10 500	56.7	78.4	9 800				46.0
48.0	45.8	72.4	9 900*	46.8	73.2	10 300*	48.4	74.2	10 800	49.9	75.1	10 400	52.2	76.2	9 700	54.5	77.0	9 100				48.0
50.0	43.2	70.3	9 200*	44.3	71.2	9 500*	45.9	72.3	10 000	47.5	73.3	9 700	49.9	74.6	9 100	52.3	75.5	8 500				50.0
52.0	40.5	68.1	8 500*	41.6	69.0	8 800*	43.3	70.2	9 200*	45.0	71.3	9 100	47.5	72.8	8 500	49.9	73.9	7 900	52.2	74.6	7 300	52.0
54.0	37.6	65.6	7 900*	38.9	66.6	8 100*	40.6	68.0	8 500*	42.4	69.2	8 500	45.0	70.9	7 900	47.6	72.1	7 400	49.9	73.0	6 900	54.0
56.0	34.6	62.8	7 300*	35.9	64.0	7 500*	37.8	65.5	7 900*	39.6	66.9	8 000	42.4	68.8	7 500	45.1	70.2	6 900	47.5	71.2	6 400	56.0
58.0	31.2	59.7	6 700*	32.7	61.0	7 000*	34.7	62.8	7 300*	36.7	64.3	7 500	39.7	66.4	7 000	42.5	68.1	6 500	45.0	69.3	6 000	58.0
60.0	27.5	56.1	6 300*	29.2	57.6	6 400*	31.4	59.6	6 800*	33.5	61.4	7 000	36.8	63.9	6 500	39.7	65.8	6 000	42.4	67.1	5 500	60.0
62.0	23.3	51.8	5 800*	25.2	53.6	6 000*	27.8	56.1	6 300*	30.1	58.2	6 600	33.6	61.0	6 100	36.8	63.2	5 600	39.6	64.8	5 200	62.0
64.0	18.2	46.4	5 300*	20.5	48.8	5 500*	23.6	51.8	5 800*	26.3	54.4	6 100*	30.2	57.7	5 700	33.7	60.3	5 300	36.7	62.2	4 800	64.0
66.0	10.8	38.5	4 000*	14.4	42.3	4 900*	18.5	46.5	5 300*	21.8	49.8	5 600*	26.4	54.0	5 400	30.2	57.1	4 900	33.6	59.4	4 500	66.0
68.0							11.4	38.9	4 700*	16.2	43.9	5 200*	22.0	49.5	5 000	26.4	53.3	4 600	30.1	56.1	4 200	68.0
70.0										7.1	33.9	4 400*	16.4	43.6	4 700				26.3	52.3	3 900	70.0
72.0																			21.9	47.8	3 600	72.0
74.0																			16.3	41.9	3 300	74.0
76.0																			7.2	32.0	3 100	76.0

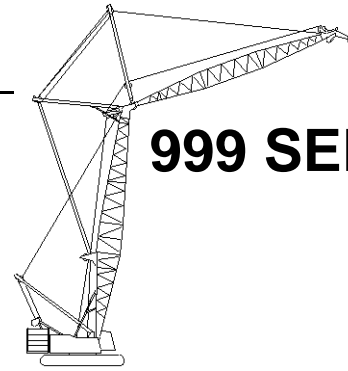


Liftcrane Luffing Jib Capacities

999 SERIES 2

Luffing Jib No. 149 With
Jib Backstay Pendants On
Boom No. 82
83 730 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, 67.1m (220 Ft.) Luffing Jib

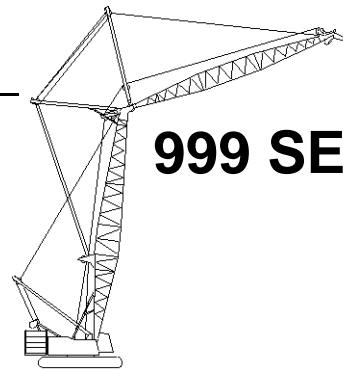
Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
19.8	75.9	91.8	18 700*																			19.8
20.0	75.7	91.7	18 700*																			20.0
22.0	73.9	91.2	18 400*																			22.0
24.0	72.1	90.5	18 100*	72.9	90.7	20 600*																24.0
26.0	70.3	89.8	17 800*	71.1	90.1	20 300*																26.0
28.0	68.5	89.1	17 500*	69.3	89.3	20 000*	70.4	89.7	19 400*													28.0
30.0	66.6	88.2	17 200*	67.4	88.5	19 700*	68.6	88.9	19 200*													30.0
32.0	64.8	87.3	16 900*	65.6	87.7	19 400*	66.8	88.1	19 000*	67.9	88.4	18 900										32.0
34.0	62.9	86.3	16 600*	63.7	86.7	18 600	64.9	87.1	18 000	66.1	87.5	17 300										34.0
36.0	60.9	85.2	16 100*	61.7	85.6	16 900*	63.0	86.2	16 500	64.2	86.6	16 000										36.0
38.0	58.9	84.1	14 800*	59.8	84.5	15 400*	61.0	85.1	15 200	62.3	85.5	14 700										38.0
40.0	56.9	82.8	13 600*	57.8	83.3	14 100*	59.1	83.9	14 100	60.3	84.4	13 600	62.3	85.1	12 800							40.0
42.0	54.8	81.4	12 500*	55.7	81.9	12 900*	57.0	82.6	13 100	58.3	83.2	12 600	60.4	83.9	11 900							42.0
44.0	52.7	79.9	11 400*	53.6	80.5	11 800*	55.0	81.3	12 200	56.3	81.9	11 700	58.4	82.7	11 000							44.0
46.0	50.5	78.3	10 500*	51.5	79.0	10 900*	52.8	79.8	11 400	54.2	80.5	11 000	56.3	81.5	10 200							46.0
48.0	48.3	76.6	9 700*	49.2	77.3	10 100*	50.6	78.2	10 600	52.0	79.0	10 200	54.2	80.0	9 500	56.3	80.8	8 900				48.0
50.0	45.9	74.7	9 000*	46.9	75.5	9 300*	48.4	76.5	9 800*	49.8	77.4	9 500	52.1	78.5	8 900	54.3	79.4	8 300				50.0
52.0	43.5	72.7	8 300*	44.5	73.5	8 600*	46.0	74.6	9 000*	47.5	75.6	8 900	49.9	76.9	8 300	52.1	77.8	7 700				52.0
54.0	40.9	70.4	7 600*	42.0	71.3	7 900*	43.6	72.6	8 300*	45.2	73.6	8 300	47.6	75.1	7 800	49.9	76.2	7 200	52.0	76.9	6 600	54.0
56.0	38.2	68.0	7 100*	39.4	69.0	7 300*	41.1	70.3	7 700*	42.7	71.5	7 800	45.2	73.2	7 300	47.6	74.4	6 700	49.8	75.3	6 200	56.0
58.0	35.3	65.3	6 500*	36.6	66.4	6 700*	38.4	67.9	7 100*	40.1	69.2	7 300	42.8	71.1	6 800	45.2	72.5	6 200	47.6	73.5	5 700	58.0
60.0	32.2	62.2	6 000*	33.6	63.5	6 200*	35.5	65.2	6 600*	37.3	66.7	6 800	40.2	68.8	6 300	42.8	70.4	5 800	45.2	71.6	5 300	60.0
62.0	28.8	58.8	5 600*	30.3	60.3	5 700*	32.4	62.2	6 000*	34.4	63.9	6 300*	37.4	66.3	5 900	40.2	68.1	5 400	42.7	69.5	5 000	62.0
64.0	25.0	54.8	5 100*	26.7	56.5	5 300*	29.0	58.8	5 600*	31.2	60.8	5 800*	34.5	63.5	5 500	37.4	65.6	5 100	40.1	67.2	4 600	64.0
66.0	20.5	50.0	4 700*	22.5	52.1	4 800*	25.2	54.8	5 100*	27.7	57.2	5 400*	31.3	60.4	5 200	34.5	62.8	4 700	37.3	64.7	4 300	66.0
68.0	14.8	43.5	4 000*	17.4	46.5	4 400*	20.8	50.1	4 700*	23.7	53.0	4 900*	27.8	56.8	4 800	31.3	59.7	4 400	34.4	61.9	4 000	68.0
70.0	3.7	30.8	2 100*	10.1	38.1	3 400*	15.2	43.8	4 300*	18.9	47.7	4 500*	23.8	52.6	4 500	27.8	56.1	4 100	31.2	58.7	3 700	70.0
72.0										12.4	40.4	4 100*	19.1	47.4	4 200	23.8	51.9	3 800	27.7	55.1	3 400	72.0
74.0													12.7	40.2	3 900	19.1	46.7	3 500	23.7	50.9	3 100	74.0
76.0																			19.0	45.7	2 900	76.0
78.0																			12.5	38.4	2 600	78.0



Liftcrane Luffing Jib Capacities

**Luffing Jib No. 149 With
Jib Backstay Pendants On
Boom No. 82
83 730 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



999 SERIES 2

24.4m (80 Ft.) Boom, 70.1m (230 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m	
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms		
21.3	75.2	94.5	17 400*																			21.3	
22.0	74.6	94.3	17 300*																			22.0	
24.0	72.9	93.7	17 000*																			24.0	
26.0	71.2	93.1	16 800*	72.0	93.3	19 300*																26.0	
28.0	69.5	92.3	16 500*	70.2	92.6	19 000*																28.0	
30.0	67.7	91.6	16 200*	68.5	91.8	18 800*	69.6	92.2	18 500*													30.0	
32.0	65.9	90.7	16 000*	66.7	91.0	18 500*	67.8	91.4	18 300*													32.0	
34.0	64.1	89.7	15 800*	64.9	90.1	18 100*	66.0	90.5	17 900	67.2	90.8	17 200										34.0	
36.0	62.3	88.7	15 500*	63.1	89.1	16 700*	64.2	89.6	16 400	65.4	89.9	15 800										36.0	
38.0	60.4	87.6	14 600*	61.2	88.0	15 200*	62.4	88.5	15 100	63.6	89.0	14 600										38.0	
40.0	58.5	86.4	13 400*	59.3	86.9	13 900*	60.5	87.4	13 900	61.7	87.9	13 500										40.0	
42.0	56.6	85.1	12 300*	57.4	85.6	12 700*	58.6	86.3	13 000	59.8	86.8	12 500	61.8	87.4	11 700							42.0	
44.0	54.6	83.7	11 300*	55.4	84.3	11 700*	56.7	85.0	12 100	57.9	85.6	11 600	59.9	86.3	10 900							44.0	
46.0	52.6	82.2	10 400*	53.4	82.8	10 800*	54.7	83.6	11 200	56.0	84.3	10 800	58.0	85.1	10 100							46.0	
48.0	50.5	80.6	9 500*	51.4	81.3	9 900*	52.7	82.1	10 400	54.0	82.8	10 100	56.0	83.8	9 400							48.0	
50.0	48.3	78.9	8 800*	49.2	79.6	9 100*	50.6	80.5	9 600*	51.9	81.3	9 400	54.0	82.4	8 800	56.0	83.1	8 200				50.0	
52.0	46.0	77.0	8 100*	47.0	77.8	8 400*	48.4	78.8	8 800*	49.8	79.7	8 800	52.0	80.8	8 200	54.0	81.7	7 600				52.0	
54.0	43.7	75.0	7 500*	44.7	75.8	7 700*	46.2	76.9	8 100*	47.6	77.9	8 200	49.9	79.2	7 600	52.0	80.1	7 000				54.0	
56.0	41.3	72.8	6 900*	42.3	73.7	7 100*	43.9	74.9	7 500*	45.3	76.0	7 700	47.7	77.4	7 100	49.9	78.5	6 600				56.0	
58.0	38.7	70.4	6 300*	39.8	71.4	6 500*	41.4	72.7	6 900*	43.0	73.9	7 200	45.4	75.5	6 600	47.7	76.7	6 100	49.8	77.6	5 600	58.0	
60.0	36.0	67.7	5 800*	37.2	68.8	6 000*	38.9	70.3	6 400*	40.5	71.6	6 700	43.0	73.4	6 200	45.4	74.8	5 700	47.6	75.8	5 200	60.0	
62.0	33.1	64.8	5 400*	34.4	66.0	5 600*	36.2	67.7	5 900*	37.9	69.1	6 200*	40.6	71.2	5 800	43.1	72.7	5 300	45.3	73.9	4 800	62.0	
64.0	29.9	61.5	4 900*	31.3	62.9	5 100*	33.3	64.7	5 400*	35.1	66.4	5 700*	38.0	68.7	5 400	40.6	70.5	4 900	43.0	71.8	4 500	64.0	
66.0	26.5	57.7	4 500*	28.0	59.3	4 700*	30.1	61.5	4 900*	32.1	63.3	5 200*	35.2	66.0	5 000	38.0	68.0	4 600	40.5	69.5	4 100	66.0	
68.0	22.5	53.2	4 100*	24.2	55.2	4 300*	26.7	57.7	4 500*	28.9	59.9	4 800*	32.2	62.9	4 700	35.2	65.3	4 200	37.9	67.1	3 800	68.0	
70.0	17.6	47.7	3 800*	19.8	50.1	3 900*	22.7	53.3	4 100*	25.3	55.9	4 400*	29.0	59.5	4 400	32.3	62.3	4 000	35.1	64.3	3 500	70.0	
72.0				14.1	43.4	3 500*	17.9	47.8	3 800*	21.1	51.2	4 000*	25.4	55.6	4 100	29.0	58.8	3 700	32.2	61.3	3 300	72.0	
74.0							11.3	39.9	3 200*	15.8	45.1	3 700*	21.2	50.8	3 800	25.4	54.9	3 400	28.9	57.9	3 000	74.0	
76.0																							76.0
78.0																							78.0
80.0																							80.0
82.0																							82.0

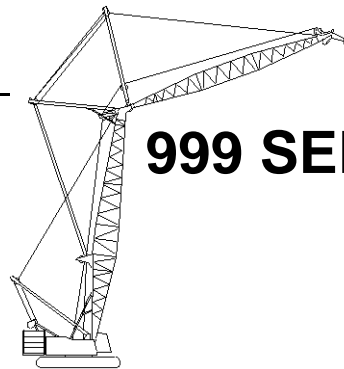


Liftcrane Luffing Jib Capacities

999 SERIES 2

Luffing Jib No. 149 With
Jib Backstay Pendants On
Boom No. 82
83 730 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, 73.2m (240 Ft.) Luffing Jib

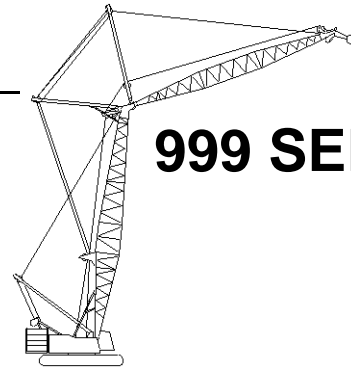
Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
21.3	75.8	97.7	15 800*																			21.3
22.0	75.3	97.5	15 700*																			22.0
24.0	73.7	96.9	15 400*																			24.0
26.0	72.0	96.3	15 200*	72.7	96.5	17 400*																26.0
28.0	70.4	95.6	14 900*	71.1	95.8	17 200*																28.0
30.0	68.7	94.8	14 700*	69.4	95.1	16 900*																30.0
32.0	67.0	94.0	14 500*	67.7	94.3	16 700*	68.8	94.7	16 500*													32.0
34.0	65.3	93.1	14 200*	66.0	93.4	16 400*	67.1	93.8	16 300*													34.0
36.0	63.5	92.1	14 000*	64.3	92.5	16 100*	65.4	92.9	15 900	66.5	93.3	15 600										36.0
38.0	61.8	91.1	13 800*	62.5	91.5	15 000*	63.6	92.0	14 900	64.7	92.4	14 400										38.0
40.0	60.0	90.0	13 200*	60.7	90.4	13 600*	61.9	90.9	13 800	63.0	91.4	13 300										40.0
42.0	58.1	88.8	12 100*	58.9	89.2	12 500*	60.1	89.8	12 800	61.2	90.3	12 300										42.0
44.0	56.3	87.5	11 000*	57.1	88.0	11 400*	58.3	88.6	11 900	59.4	89.1	11 400	61.3	89.8	10 700							44.0
46.0	54.4	86.1	10 100*	55.2	86.6	10 500*	56.4	87.3	11 000	57.6	87.9	10 600	59.5	88.7	9 900							46.0
48.0	52.4	84.6	9 300*	53.2	85.1	9 700*	54.5	85.9	10 200*	55.7	86.6	9 900	57.6	87.4	9 200							48.0
50.0	50.4	82.9	8 500*	51.3	83.6	8 900*	52.5	84.4	9 400*	53.8	85.1	9 200	55.7	86.1	8 600							50.0
52.0	48.3	81.2	7 900*	49.2	81.9	8 100*	50.5	82.8	8 600*	51.8	83.6	8 600	53.8	84.7	8 000	55.8	85.4	7 300				52.0
54.0	46.2	79.3	7 200*	47.1	80.1	7 500*	48.4	81.1	7 900*	49.7	82.0	8 000	51.8	83.1	7 400	53.8	84.0	6 800				54.0
56.0	43.9	77.3	6 600*	44.9	78.1	6 900*	46.3	79.2	7 300*	47.7	80.2	7 500	49.8	81.5	6 900	51.9	82.5	6 300				56.0
58.0	41.6	75.1	6 100*	42.6	76.0	6 300*	44.1	77.2	6 700*	45.5	78.3	7 000	47.7	79.7	6 400	49.8	80.8	5 900	51.8	81.5	5 400	58.0
60.0	39.2	72.8	5 600*	40.2	73.7	5 800*	41.8	75.0	6 100*	43.2	76.2	6 500*	45.6	77.8	6 000	47.7	79.0	5 500	49.8	79.9	5 000	60.0
62.0	36.6	70.2	5 100*	37.7	71.2	5 300*	39.3	72.7	5 600*	40.9	74.0	5 900*	43.3	75.7	5 600	45.6	77.1	5 100	47.7	78.1	4 600	62.0
64.0	33.9	67.3	4 700*	35.1	68.5	4 900*	36.8	70.1	5 200*	38.4	71.5	5 400*	41.0	73.5	5 200	43.3	75.1	4 700	45.5	76.2	4 300	64.0
66.0	30.9	64.1	4 300*	32.2	65.4	4 400*	34.1	67.2	4 700*	35.8	68.8	5 000*	38.5	71.1	4 900	41.0	72.8	4 400	43.3	74.1	3 900	66.0
68.0	27.7	60.5	3 900*	29.1	62.0	4 100*	31.1	64.1	4 300*	33.0	65.9	4 600*	35.9	68.4	4 500	38.5	70.4	4 100	40.9	71.9	3 600	68.0
70.0	24.1	56.3	3 600*	25.7	58.1	3 700*	27.9	60.5	3 900*	30.0	62.6	4 100*	33.1	65.5	4 200	35.9	67.7	3 800	38.4	69.5	3 300	70.0
72.0	19.8	51.3	3 200*	21.7	53.5	3 300*	24.3	56.4	3 600*	26.6	58.8	3 800*	30.1	62.2	3 900	33.1	64.8	3 500	35.8	66.8	3 100	72.0
74.0	14.4	44.7	2 700*	16.9	47.7	3 000*	20.1	51.4	3 200*	22.8	54.4	3 400*	26.7	58.4	3 600	30.1	61.5	3 200	33.0	63.8	2 800	74.0
76.0				10.1	39.2	2 100*	14.8	44.9	2 900*	18.3	49.0	3 100*	23.0	54.1	3 300	26.8	57.8	2 900	30.0	60.5	2 600	76.0
78.0										12.3	41.5	2 700*	18.5	48.7	3 100	23.0	53.4	2 700	26.7	56.8	2 300	78.0
80.0													12.5	41.3	2 700*	18.5	48.0	2 400	22.9	52.4	2 100	80.0
82.0																12.5	40.7	2 200	18.4	47.0	1 900	82.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 149 With
Jib Backstay Pendants On
Boom No. 82
83 730 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



999 SERIES 2

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

Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
11.6	67.8	49.5	70 300*b																			11.6
12.0	66.6	49.3	68 500*b																			12.0
14.0	60.5	48.3	60 600*b	63.5	48.7	63 700b																14.0
16.0	54.1	46.9	54 000	57.2	47.5	54 000b	61.7	48.2	52 800b													16.0
18.0	47.0	45.2	47 100	50.5	46.0	46 200	55.4	47.0	45 200	59.9	47.6	44 200b										18.0
20.0	39.0	43.0	41 000	43.0	44.1	40 400	48.4	45.3	39 400	53.4	46.3	38 500	60.9	47.3	37 000b							20.0
22.0	29.1	39.9	36 300	34.1	41.5	35 700	40.6	43.2	34 900	46.3	44.5	34 000	54.5	45.9	32 700							22.0
24.0	13.6	34.5	28 400	22.4	37.6	31 900	31.2	40.3	31 200	38.1	42.2	30 500	47.5	44.3	29 200							24.0
26.0										27.9	39.0	27 500	39.5	42.1	26 400	48.4	43.7	25 200				26.0
28.0													29.8	39.1	23 900	40.6	41.6	22 900	49.1	42.9	21 900	28.0
30.0													15.0	33.9	21 800	31.2	38.8	20 900	41.4	40.9	20 000	30.0
32.0																17.7	34.1	19 200	32.2	38.1	18 400	32.0
34.0																		19.4	33.8	16 900		34.0

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

Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
11.6	70.7	52.8	68 300*b																			11.6
12.0	69.7	52.6	66 600*b																			12.0
14.0	64.6	51.7	59 100*b	67.0	52.1	62 300b																14.0
16.0	59.2	50.6	53 100*	61.8	51.1	54 100b	65.5	51.7	52 700b													16.0
18.0	53.5	49.2	46 900	56.2	49.9	46 100	60.2	50.6	45 000	64.0	51.1	44 000										18.0
20.0	47.3	47.5	40 900	50.3	48.3	40 300	54.6	49.3	39 300	58.6	50.0	38 300										20.0
22.0	40.4	45.4	36 200	43.8	46.4	35 600	48.5	47.6	34 800	52.9	48.6	33 900	59.5	49.6	32 500							22.0
24.0	32.2	42.6	32 400	36.3	43.9	31 800	41.8	45.6	31 100	46.6	46.8	30 300	53.8	48.3	29 000							24.0
26.0	21.5	38.4	29 000	27.1	40.6	28 800	33.9	42.9	28 000	39.6	44.6	27 400	47.7	46.6	26 200	54.6	47.7	25 000				26.0
28.0							23.9	39.1	25 500	31.3	41.7	24 800	40.8	44.4	23 800	48.5	46.0	22 700				28.0
30.0										20.1	37.4	22 700	32.8	41.7	21 700	41.8	44.0	20 700	49.1	45.2	19 800	30.0
32.0													22.3	37.7	19 900	33.9	41.3	19 000	42.4	43.2	18 100	32.0
34.0																23.9	37.6	17 500	34.7	40.6	16 700	34.0
36.0																			25.0	37.0	15 500	36.0
38.0																			6.8	29.5	14 300	38.0

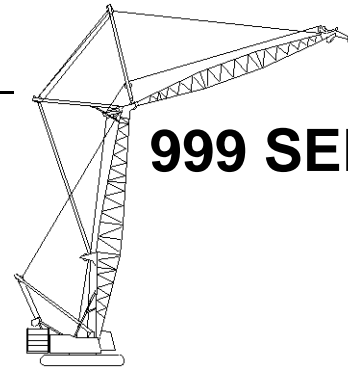


Liftcrane Luffing Jib Capacities

999 SERIES 2

Luffing Jib No. 149 With
Jib Backstay Pendants On
Boom No. 82
83 730 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, 27.4m (90 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m				
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms					
11.6	73.0	56.0	66 400*b																			11.6				
12.0	72.0	55.9	64 800*b																			12.0				
14.0	67.6	55.1	57 800*b	69.7	55.4	61 000*b																14.0				
16.0	62.9	54.1	52 000*	65.2	54.5	53 900b	68.4	55.0	52 600b													16.0				
18.0	58.1	53.0	46 700	60.4	53.5	46 000	63.8	54.1	44 900													18.0				
20.0	53.0	51.5	40 900	55.5	52.2	40 200	59.0	52.9	39 200	62.4	53.5	38 200										20.0				
22.0	47.5	49.8	36 100	50.2	50.6	35 500	54.0	51.6	34 700	57.6	52.3	33 700										22.0				
24.0	41.4	47.7	32 300	44.4	48.7	31 800	48.6	49.9	31 000	52.4	50.9	30 200	58.4	52.0	28 900							24.0				
26.0	34.5	45.1	29 200	37.9	46.4	28 700	42.6	47.9	28 000	46.9	49.1	27 200	53.3	50.6	26 000							26.0				
28.0	26.0	41.5	26 500	30.3	43.3	26 000	35.9	45.4	25 400	40.8	47.0	24 800	47.8	48.9	23 700	54.0	50.0	22 600				28.0				
30.0	12.8	35.6	21 600	20.2	38.9	23 800	27.8	42.1	23 200	33.7	44.3	22 600	41.8	46.8	21 600	48.6	48.3	20 600				30.0				
32.0							16.2	36.9	21 300	25.0	40.6	20 800	34.9	44.2	19 900	42.6	46.3	18 900	49.1	47.5	18 000	32.0				
34.0															26.6	40.7	18 300	35.9	43.8	17 400	43.2	45.6	16 600	34.0		
36.0															14.0	35.1	16 900	27.8	40.5	16 100	36.6	43.1	15 300	36.0		
38.0																	16 900	16.2	35.3	14 900	28.7	39.9	14 200	38.0		
40.0																				17.6	35.0	13 200	17.6	35.0	13 200	40.0

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

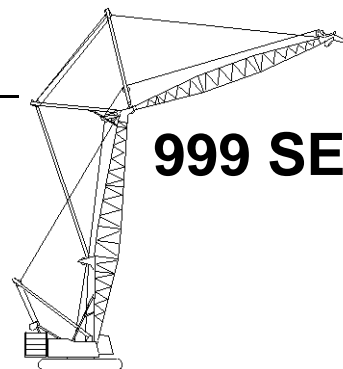
Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m				
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms					
11.6	74.7	59.2	64 000*b																			11.6				
12.0	73.9	59.1	62 700*b																			12.0				
14.0	69.9	58.4	56 200*b	71.8	58.6	59 300*b																14.0				
16.0	65.8	57.5	50 700*	67.8	57.9	53 000																16.0				
18.0	61.6	56.5	46 100*	63.7	56.9	46 000	66.6	57.5	44 800													18.0				
20.0	57.2	55.3	40 700	59.3	55.8	40 000	62.4	56.5	39 000	65.4	56.9	38 000										20.0				
22.0	52.6	53.8	36 000	54.8	54.5	35 400	58.1	55.3	34 500	61.2	55.9	33 600										22.0				
24.0	47.6	52.1	32 200	50.0	52.9	31 700	53.5	53.9	30 800	56.8	54.7	30 000										24.0				
26.0	42.2	50.1	29 000	44.9	51.0	28 500	48.6	52.2	27 800	52.1	53.2	27 000	57.5	54.3	25 800							26.0				
28.0	36.2	47.6	26 400	39.2	48.7	25 900	43.3	50.2	25 300	47.1	51.4	24 600	52.9	52.9	23 400							28.0				
30.0	29.1	44.3	24 100	32.6	45.9	23 700	37.4	47.8	23 100	41.6	49.3	22 500	47.9	51.2	21 400	53.5	52.3	20 400				30.0				
32.0	19.7	39.8	22 100	24.6	42.1	21 800	30.5	44.8	21 200	35.5	46.8	20 600	42.6	49.1	19 600	48.6	50.6	18 700				32.0				
34.0							21.8	40.6	19 500	28.2	43.5	19 000	36.6	46.6	18 100	43.3	48.6	17 200	49.1	49.8	16 400	34.0				
36.0										18.5	38.7	17 600	29.5	43.5	16 800	37.4	46.2	16 000	43.8	47.9	15 100	36.0				
38.0													20.4	39.0	15 500	30.5	43.2	14 800	38.0	45.5	14 000	38.0				
40.0																		21.8	39.0	13 700	31.3	42.5	13 000	40.0		
42.0																				22.7	38.5	12 100	22.7	38.5	12 100	42.0
44.0																				7.6	30.7	11 200	7.6	30.7	11 200	44.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 149 With
 Jib Backstay Pendants On
 Boom No. 82
 83 730 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



999 SERIES 2

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

Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib 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	62.2	59 800* ^b																			12.2
14.0	71.8	61.6	54 700*																			14.0
16.0	68.2	60.9	49 500*	69.9	61.2	52 100*																16.0
18.0	64.4	59.9	45 100*	66.2	60.3	46 000																18.0
20.0	60.5	58.9	40 700	62.4	59.3	40 000	65.1	59.9	38 900													20.0
22.0	56.5	57.6	36 000	58.5	58.2	35 400	61.3	58.8	34 400	64.0	59.4	33 600										22.0
24.0	52.3	56.1	32 200	54.3	56.8	31 600	57.3	57.6	30 800	60.1	58.3	29 900										24.0
26.0	47.8	54.4	29 000	49.9	55.2	28 500	53.1	56.2	27 800	56.1	57.0	27 000	60.8	57.9	25 700							26.0
28.0	42.9	52.4	26 400	45.3	53.3	25 900	48.6	54.5	25 200	51.8	55.5	24 500	56.7	56.6	23 400							28.0
30.0	37.5	50.0	24 100	40.2	51.1	23 700	43.8	52.6	23 100	47.3	53.7	22 400	52.5	55.2	21 300							30.0
32.0	31.4	47.0	22 200	34.4	48.4	21 800	38.6	50.2	21 200	42.4	51.7	20 600	48.0	53.5	19 600	53.1	54.6	18 600				32.0
34.0	23.8	43.1	20 500	27.7	45.0	20 100	32.6	47.4	19 500	36.9	49.2	19 000	43.2	51.5	18 100	48.6	52.9	17 200				34.0
36.0	12.4	36.7	17 100	18.7	40.2	18 600	25.4	43.7	18 100	30.7	46.1	17 600	37.9	49.1	16 700	43.9	51.0	15 900	49.1	52.1	15 100	36.0
38.0							15.2	38.1	16 800	22.9	42.1	16 300	31.8	46.1	15 500	38.6	48.6	14 700	44.3	50.2	14 000	38.0
40.0													24.3	42.3	14 500	32.6	45.8	13 700	39.1	47.9	13 000	40.0
42.0													13.3	36.2	13 500	25.4	42.1	12 800	33.2	45.1	12 100	42.0
44.0																15.3	36.5	11 900	26.2	41.5	11 300	44.0
46.0																			16.5	36.2	10 500	46.0

RELEASING ONLY

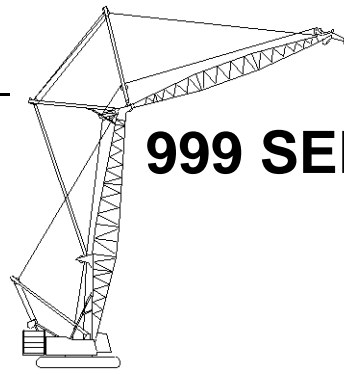


Liftcrane Luffing Jib Capacities

999 SERIES 2

Luffing Jib No. 149 With
Jib Backstay Pendants On
Boom No. 82
83 730 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

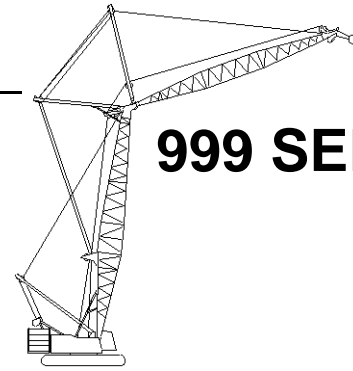
Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib 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	73.9	64.9	53 500*																			13.7
14.0	73.4	64.8	52 800*																			14.0
16.0	70.1	64.1	48 200*	71.7	64.4	50 600*																16.0
18.0	66.7	63.3	44 000*	68.3	63.6	45 500																18.0
20.0	63.2	62.4	40 300	64.9	62.8	39 800	67.3	63.2	38 700													20.0
22.0	59.6	61.2	35 900	61.4	61.7	35 200	63.9	62.3	34 200	66.3	62.7	33 300										22.0
24.0	55.9	59.9	32 000	57.7	60.5	31 400	60.3	61.2	30 600	62.9	61.7	29 700										24.0
26.0	52.0	58.5	28 900	53.9	59.1	28 400	56.6	60.0	27 600	59.3	60.6	26 800										26.0
28.0	47.9	56.7	26 200	49.9	57.5	25 700	52.8	58.5	25 000	55.5	59.3	24 300	59.8	60.2	23 200							28.0
30.0	43.4	54.7	24 000	45.6	55.7	23 500	48.7	56.8	22 900	51.6	57.8	22 200	56.1	59.0	21 100							30.0
32.0	38.6	52.4	22 000	41.0	53.5	21 600	44.3	54.9	21 000	47.4	56.0	20 400	52.2	57.5	19 400	56.6	58.4	18 400				32.0
34.0	33.2	49.6	20 300	35.8	50.9	19 900	39.6	52.6	19 400	43.0	54.0	18 800	48.1	55.8	17 900	52.8	56.9	16 900				34.0
36.0	26.8	46.0	18 800	30.0	47.7	18 500	34.3	49.9	17 900	38.1	51.6	17 400	43.7	53.8	16 500	48.7	55.2	15 700				36.0
38.0	18.4	41.0	17 400	22.8	43.6	17 200	28.1	46.5	16 700	32.6	48.7	16 200	38.9	51.5	15 300	44.3	53.3	14 500	49.1	54.4	13 700	38.0
40.0							20.2	41.9	15 500	26.0	45.1	15 000	33.5	48.7	14 300	39.6	51.0	13 500	44.7	52.5	12 700	40.0
42.0										17.3	39.9	14 000	27.2	45.2	13 300	34.3	48.3	12 600	40.0	50.3	11 900	42.0
44.0													19.0	40.3	12 400	28.1	44.9	11 800	34.8	47.6	11 100	44.0
46.0																20.3	40.3	11 000	28.7	44.3	10 400	46.0
48.0																			21.1	39.9	9 700	48.0
50.0																			8.2	31.9	9 000	50.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 149 With
Jib Backstay Pendants On
Boom No. 82
83 730 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



999 SERIES 2

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

Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib 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	68.1	49 300*																			13.7
14.0	74.7	68.0	49 100*																			14.0
16.0	71.7	67.4	47 300*																			16.0
18.0	68.6	66.6	43 000*	70.1	66.9	45 100*																18.0
20.0	65.4	65.7	39 600	66.9	66.1	39 600	69.2	66.5	38 600													20.0
22.0	62.2	64.7	35 800	63.8	65.2	35 000	66.0	65.7	34 100													22.0
24.0	58.9	63.6	31 900	60.5	64.1	31 300	62.8	64.7	30 400	65.1	65.2	29 600										24.0
26.0	55.4	62.3	28 800	57.1	62.8	28 200	59.5	63.6	27 400	61.9	64.1	26 600										26.0
28.0	51.8	60.8	26 100	53.5	61.4	25 600	56.1	62.3	24 900	58.5	63.0	24 200										28.0
30.0	47.9	59.0	23 900	49.8	59.8	23 400	52.5	60.8	22 700	55.0	61.6	22 100	59.1	62.6	21 000							30.0
32.0	43.9	57.1	21 900	45.9	58.0	21 500	48.7	59.1	20 900	51.4	60.1	20 300	55.6	61.3	19 200							32.0
34.0	39.5	54.8	20 200	41.6	55.8	19 900	44.7	57.2	19 300	47.5	58.4	18 700	52.0	59.8	17 700	56.1	60.7	16 800				34.0
36.0	34.6	52.1	18 700	37.0	53.3	18 400	40.4	55.0	17 800	43.4	56.3	17 300	48.2	58.1	16 400	52.5	59.2	15 500				36.0
38.0	29.0	48.8	17 400	31.8	50.4	17 100	35.6	52.4	16 600	39.0	54.0	16 000	44.1	56.1	15 200	48.7	57.5	14 400				38.0
40.0	22.2	44.5	16 200	25.7	46.6	15 900	30.2	49.2	15 400	34.1	51.3	14 900	39.8	53.8	14 100	44.7	55.6	13 400	49.1	56.7	12 600	40.0
42.0	12.0	37.8	13 600*	17.6	41.4	14 800	23.7	45.2	14 400	28.4	47.9	13 900	34.9	51.2	13 200	40.4	53.4	12 400	45.1	54.8	11 700	42.0
44.0							14.5	39.2	13 400	21.4	43.5	13 000	29.4	47.9	12 300	35.6	50.8	11 600	40.8	52.6	11 000	44.0
46.0													22.7	43.7	11 500	30.2	47.6	10 900	36.1	50.1	10 200	46.0
48.0													12.9	37.3	10 800	23.7	43.6	10 200	30.7	47.0	9 600	48.0
50.0																14.6	37.6	9 500	24.4	43.0	9 000	50.0
52.0																			15.7	37.4	8 400	52.0

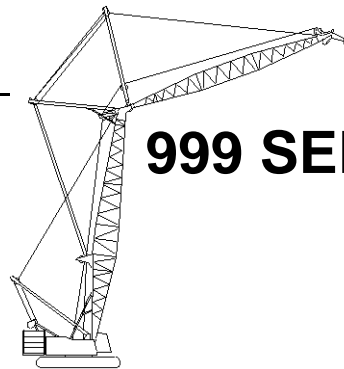


Liftcrane Luffing Jib Capacities

999 SERIES 2

Luffing Jib No. 149 With
Jib Backstay Pendants On
Boom No. 82
83 730 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

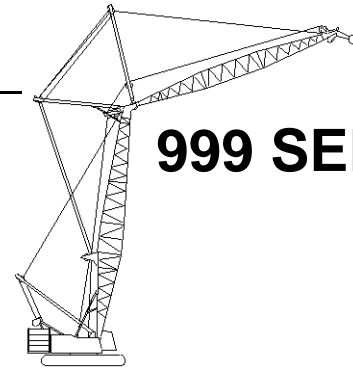
Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib 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	74.1	70.8	43 700*																			15.2
16.0	73.0	70.6	43 400*																			16.0
18.0	70.2	69.9	41 800*	71.5	70.2	43 800*																18.0
20.0	67.3	69.1	38 600*	68.7	69.4	39 500	70.7	69.8	38 400													20.0
22.0	64.3	68.2	35 500	65.8	68.6	34 900	67.9	69.0	33 800													22.0
24.0	61.3	67.1	31 700	62.8	67.6	31 100	64.9	68.1	30 200													24.0
26.0	58.2	65.9	28 600	59.7	66.4	28 000	61.9	67.1	27 200	64.0	67.6	26 400										26.0
28.0	54.9	64.6	26 000	56.5	65.2	25 400	58.8	65.9	24 700	61.0	66.5	24 000										28.0
30.0	51.6	63.1	23 700	53.2	63.7	23 200	55.6	64.6	22 500	57.9	65.3	21 900										30.0
32.0	48.0	61.3	21 800	49.7	62.1	21 300	52.2	63.1	20 700	54.6	63.9	20 000	58.4	64.9	19 000							32.0
34.0	44.3	59.4	20 100	46.1	60.3	19 700	48.7	61.4	19 000	51.2	62.4	18 500	55.1	63.6	17 500							34.0
36.0	40.2	57.1	18 600	42.2	58.2	18 200	45.0	59.5	17 600	47.7	60.7	17 100	51.8	62.1	16 200	55.6	63.0	15 300				36.0
38.0	35.8	54.5	17 200	38.0	55.8	16 900	41.0	57.3	16 400	43.9	58.7	15 800	48.2	60.4	15 000	52.2	61.5	14 100				38.0
40.0	30.9	51.4	16 100	33.3	52.9	15 700	36.7	54.8	15 300	39.8	56.4	14 800	44.5	58.4	13 900	48.7	59.8	13 100				40.0
42.0	25.0	47.6	15 000	28.0	49.5	14 700	31.9	51.8	14 200	35.3	53.7	13 700	40.5	56.2	13 000	45.0	57.9	12 200	49.1	59.0	11 500	42.0
44.0	17.4	42.3	13 600	21.4	45.0	13 700	26.2	48.1	13 300	30.3	50.6	12 900	36.1	53.6	12 100	41.0	55.7	11 400	45.4	57.1	10 700	44.0
46.0							19.1	43.2	12 400	24.4	46.6	12 000	31.2	50.6	11 300	36.7	53.2	10 600	41.4	55.0	10 000	46.0
48.0										16.4	41.1	11 300	25.4	46.8	10 600	31.9	50.2	10 000	37.1	52.5	9 300	48.0
50.0													18.0	41.6	9 900	26.2	46.5	9 300	32.3	49.6	8 700	50.0
52.0																19.1	41.6	8 700	26.8	46.0	8 200	52.0
54.0																			19.9	41.2	7 700	54.0
56.0																			8.5	33.0	7 100	56.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 149 With
Jib Backstay Pendants On
Boom No. 82
83 730 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



999 SERIES 2

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

Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib 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	74.0	39 300*																			15.2
16.0	74.2	73.8	39 100*																			16.0
18.0	71.6	73.1	38 500*																			18.0
20.0	68.9	72.4	37 700*	70.2	72.7	39 300																20.0
22.0	66.2	71.5	34 900	67.5	71.9	34 800	69.4	72.3	33 900													22.0
24.0	63.4	70.6	31 700	64.7	71.0	31 100	66.7	71.5	30 100													24.0
26.0	60.5	69.5	28 500	61.9	69.9	28 000	63.9	70.5	27 100	65.9	71.0	26 400										26.0
28.0	57.6	68.3	25 900	59.0	68.8	25 400	61.1	69.5	24 600	63.1	70.0	23 900										28.0
30.0	54.6	66.9	23 600	56.0	67.5	23 200	58.2	68.3	22 500	60.2	68.9	21 800										30.0
32.0	51.4	65.4	21 700	52.9	66.0	21 300	55.1	66.9	20 600	57.3	67.6	20 000	60.7	68.5	18 900							32.0
34.0	48.1	63.6	20 000	49.7	64.4	19 600	52.0	65.4	19 000	54.2	66.3	18 400	57.8	67.3	17 400							34.0
36.0	44.6	61.7	18 500	46.3	62.6	18 100	48.7	63.7	17 600	51.1	64.7	17 000	54.7	65.9	16 100							36.0
38.0	40.9	59.5	17 200	42.7	60.5	16 800	45.3	61.8	16 300	47.7	63.0	15 800	51.6	64.4	14 900	55.1	65.3	14 100				38.0
40.0	36.8	57.0	16 000	38.8	58.1	15 700	41.6	59.7	15 200	44.2	61.0	14 700	48.3	62.7	13 900	52.0	63.8	13 100				40.0
42.0	32.4	54.0	14 900	34.6	55.4	14 600	37.6	57.2	14 200	40.5	58.8	13 700	44.8	60.7	12 900	48.7	62.1	12 100				42.0
44.0	27.2	50.4	14 000	29.8	52.2	13 700	33.2	54.4	13 200	36.4	56.2	12 800	41.1	58.6	12 000	45.3	60.2	11 300	49.1	61.3	10 600	44.0
46.0	21.0	45.9	13 000*	24.2	48.2	12 800	28.3	50.9	12 400	31.9	53.2	12 000	37.1	56.1	11 300	41.6	58.1	10 600	45.6	59.5	9 900	46.0
48.0	11.8	38.8	10 800*	16.8	42.7	12 000	22.3	46.6	11 600	26.7	49.5	11 200	32.6	53.1	10 600	37.6	55.6	9 900	42.0	57.3	9 300	48.0
50.0							14.0	40.3	10 900	20.2	44.8	10 500	27.6	49.6	9 900	33.3	52.8	9 300	38.0	54.9	8 700	50.0
52.0													21.4	45.1	9 300	28.3	49.3	8 700	33.7	52.1	8 100	52.0
54.0													12.5	38.4	8 700	22.3	45.0	8 200	28.8	48.7	7 600	54.0
56.0																14.0	38.7	7 700	22.9	44.5	7 100	56.0
58.0																			15.0	38.5	6 700	58.0

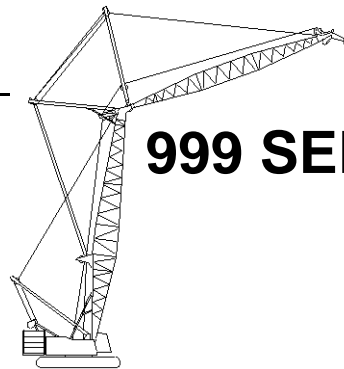


Liftcrane Luffing Jib Capacities

999 SERIES 2

Luffing Jib No. 149 With
Jib Backstay Pendants On
Boom No. 82
83 730 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

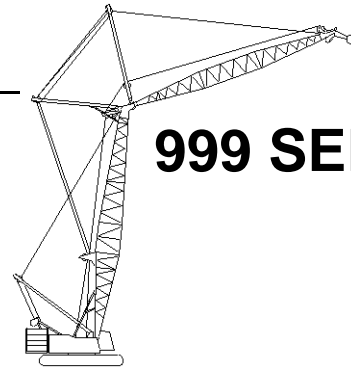
Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib 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	76.7	34 700*																			16.8
18.0	72.8	76.3	34 600*																			18.0
20.0	70.3	75.6	34 100*	71.5	75.9	38 200																20.0
22.0	67.7	74.9	33 500*	69.0	75.2	34 800																22.0
24.0	65.2	74.0	31 500	66.4	74.3	30 900	68.2	74.8	30 000													24.0
26.0	62.5	73.0	28 300	63.8	73.4	27 800	65.7	73.9	26 900	67.5	74.3	26 100										26.0
28.0	59.9	71.8	25 700	61.1	72.3	25 200	63.1	72.9	24 400	64.9	73.4	23 700										28.0
30.0	57.1	70.6	23 400	58.4	71.1	23 000	60.4	71.8	22 300	62.3	72.4	21 600										30.0
32.0	54.2	69.2	21 500	55.6	69.8	21 100	57.6	70.6	20 400	59.6	71.2	19 800	62.7	72.0	18 700							32.0
34.0	51.2	67.7	19 900	52.7	68.3	19 400	54.8	69.2	18 800	56.8	70.0	18 200	60.0	70.8	17 200							34.0
36.0	48.1	65.9	18 400	49.6	66.7	18 000	51.8	67.7	17 400	53.9	68.6	16 800	57.2	69.6	15 900							36.0
38.0	44.9	64.0	17 000	46.5	64.9	16 700	48.7	66.0	16 100	50.9	67.0	15 600	54.4	68.2	14 700							38.0
40.0	41.4	61.8	15 800	43.1	62.8	15 500	45.5	64.1	15 000	47.8	65.3	14 500	51.4	66.7	13 600	54.8	67.6	12 800				40.0
42.0	37.7	59.4	14 800	39.5	60.5	14 500	42.1	62.0	14 000	44.5	63.3	13 500	48.3	65.0	12 700	51.8	66.1	11 900				42.0
44.0	33.6	56.5	13 700*	35.6	57.9	13 500	38.4	59.6	13 100	41.0	61.1	12 600	45.1	63.1	11 900	48.8	64.4	11 100				44.0
46.0	29.0	53.2	12 800*	31.3	54.8	12 700	34.4	56.9	12 200	37.3	58.6	11 800	41.6	60.9	11 100	45.5	62.5	10 400	49.0	63.6	9 700	46.0
48.0	23.6	49.1	12 000*	26.3	51.1	11 900	29.9	53.6	11 500	33.2	55.7	11 100	37.9	58.5	10 400	42.1	60.4	9 700	45.8	61.8	9 000	48.0
50.0	16.7	43.5	10 900*	20.3	46.3	11 200	24.8	49.7	10 800	28.5	52.3	10 400	33.9	55.7	9 700	38.4	58.0	9 100	42.4	59.7	8 500	50.0
52.0							18.2	44.5	10 100	23.0	48.1	9 700	29.3	52.3	9 100	34.4	55.3	8 500	38.8	57.3	7 900	52.0
54.0										15.8	42.3	9 100	24.0	48.3	8 600	30.0	52.0	8 000	34.8	54.6	7 400	54.0
56.0													17.2	42.8	8 000	24.8	48.1	7 500	30.4	51.4	6 900	56.0
58.0																18.2	42.9	7 000	25.3	47.5	6 500	58.0
60.0																			18.9	42.5	6 100	60.0
62.0																			8.7	34.1	5 700	62.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 149 With
Jib Backstay Pendants On
Boom No. 82
83 730 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



999 SERIES 2

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

Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib 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	75.2	79.9	31 200*																			16.8
18.0	73.8	79.5	31 100*																			18.0
20.0	71.5	78.9	30 800*	72.6	79.1	35 100*																20.0
22.0	69.1	78.2	30 400*	70.3	78.4	34 200																22.0
24.0	66.7	77.3	30 000*	67.9	77.7	30 800	69.6	78.0	29 800													24.0
26.0	64.3	76.4	28 200	65.5	76.8	27 600	67.2	77.2	26 800													26.0
28.0	61.8	75.4	25 600	63.0	75.8	25 100	64.8	76.3	24 300	66.5	76.7	23 500										28.0
30.0	59.2	74.2	23 300	60.5	74.7	22 800	62.3	75.3	22 100	64.0	75.8	21 400										30.0
32.0	56.6	72.9	21 400	57.9	73.5	20 900	59.7	74.2	20 300	61.5	74.7	19 600										32.0
34.0	53.9	71.5	19 700	55.2	72.1	19 300	57.1	72.9	18 600	59.0	73.6	18 000	61.9	74.3	17 000							34.0
36.0	51.1	70.0	18 200	52.5	70.7	17 800	54.4	71.6	17 200	56.4	72.3	16 600	59.4	73.2	15 700							36.0
38.0	48.2	68.2	16 900	49.6	69.0	16 500	51.7	70.0	16 000	53.6	70.9	15 400	56.8	71.9	14 500							38.0
40.0	45.1	66.3	15 700	46.6	67.2	15 300	48.8	68.3	14 800	50.8	69.3	14 300	54.1	70.5	13 500	57.1	71.3	12 700				40.0
42.0	41.9	64.2	14 600	43.5	65.2	14 300	45.7	66.5	13 800	47.9	67.6	13 300	51.3	69.0	12 500	54.4	70.0	11 700				42.0
44.0	38.4	61.8	13 600*	40.1	62.9	13 400	42.5	64.4	12 900	44.8	65.6	12 500	48.4	67.3	11 700	51.7	68.4	10 900				44.0
46.0	34.7	59.0	12 700*	36.5	60.3	12 500	39.1	62.0	12 100	41.6	63.5	11 600	45.3	65.4	10 900	48.8	66.7	10 200	51.9	67.6	9 500	46.0
48.0	30.5	55.9	11 800*	32.6	57.4	11 700	35.4	59.3	11 300	38.1	61.0	10 900	42.1	63.2	10 200	45.7	64.9	9 500	49.0	65.9	8 900	48.0
50.0	25.8	52.1	11 000*	28.1	53.9	11 000	31.4	56.3	10 600	34.3	58.2	10 200	38.6	60.9	9 600	42.5	62.8	8 900	46.0	64.1	8 300	50.0
52.0	20.0	47.2	10 300*	22.9	49.6	10 400	26.7	52.6	10 000	30.1	55.0	9 600	34.9	58.1	9 000	39.1	60.4	8 300	42.8	62.0	7 700	52.0
54.0	11.6	39.9	8 500*	16.2	43.8	9 600	21.2	48.0	9 400	25.2	51.1	9 000	30.8	55.0	8 400	35.4	57.7	7 800	39.5	59.7	7 200	54.0
56.0							13.6	41.4	8 800	19.3	46.1	8 500	26.1	51.2	7 900	31.4	54.7	7 300	35.8	57.0	6 800	56.0
58.0													20.4	46.5	7 400	26.7	51.0	6 900	31.8	54.0	6 300	58.0
60.0													12.3	39.4	6 900	21.2	46.4	6 500	27.2	50.4	5 900	60.0
62.0																13.6	39.9	6 000	21.8	45.9	5 600	62.0
64.0																			14.5	39.7	5 200	64.0

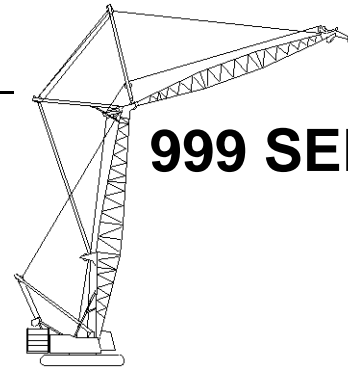


Liftcrane Luffing Jib Capacities

999 SERIES 2

Luffing Jib No. 149 With
Jib Backstay Pendants On
Boom No. 82
83 730 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, 54.9m (180 Ft.) Luffing Jib

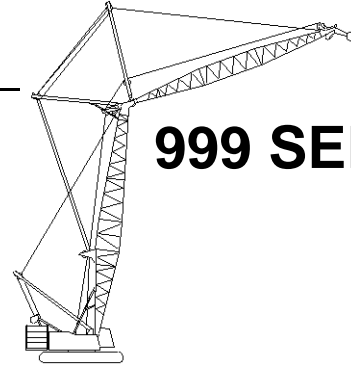
Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
18.3	74.4	82.6	27 800*																			18.3
20.0	72.5	82.1	27 600*	73.6	82.3	31 400*																20.0
22.0	70.3	81.4	27 300*	71.4	81.7	31 200*																22.0
24.0	68.1	80.6	27 000*	69.2	80.9	30 300																24.0
26.0	65.8	79.8	26 700	66.9	80.1	27 400	68.5	80.5	26 600													26.0
28.0	63.5	78.8	25 500	64.6	79.2	24 800	66.3	79.7	24 100													28.0
30.0	61.1	77.7	23 100	62.3	78.2	22 700	63.9	78.7	21 900	65.6	79.2	21 200										30.0
32.0	58.7	76.6	21 200	59.9	77.1	20 700	61.6	77.7	20 000	63.3	78.2	19 400										32.0
34.0	56.2	75.3	19 500	57.4	75.8	19 100	59.2	76.5	18 500	60.9	77.1	17 800										34.0
36.0	53.7	73.8	18 000	54.9	74.5	17 600	56.7	75.3	17 000	58.5	75.9	16 400	61.3	76.7	15 500							36.0
38.0	51.0	72.3	16 700	52.3	73.0	16 300	54.1	73.9	15 800	56.0	74.6	15 200	58.9	75.6	14 300							38.0
40.0	48.2	70.5	15 500	49.6	71.3	15 200	51.5	72.3	14 700	53.4	73.2	14 100	56.4	74.3	13 200							40.0
42.0	45.4	68.6	14 400*	46.8	69.5	14 100	48.8	70.6	13 600	50.7	71.6	13 100	53.8	72.9	12 300	56.7	73.7	11 500				42.0
44.0	42.3	66.5	13 300*	43.8	67.5	13 200	45.9	68.8	12 700	48.0	69.9	12 200	51.2	71.3	11 500	54.2	72.3	10 700				44.0
46.0	39.1	64.2	12 400*	40.7	65.2	12 400	42.9	66.7	11 900	45.1	67.9	11 500	48.4	69.6	10 700	51.5	70.7	10 000				46.0
48.0	35.6	61.5	11 500*	37.3	62.7	11 600	39.7	64.4	11 200	42.0	65.8	10 700	45.5	67.7	10 000	48.8	69.0	9 300	51.8	69.9	8 600	48.0
50.0	31.8	58.5	10 800*	33.7	59.9	10 800	36.3	61.8	10 400	38.7	63.4	10 000	42.5	65.6	9 300	45.9	67.2	8 700	49.0	68.2	8 000	50.0
52.0	27.5	54.9	10 000*	29.6	56.6	10 200	32.6	58.8	9 800	35.2	60.7	9 400	39.3	63.2	8 700	42.9	65.1	8 100	46.2	66.4	7 500	52.0
54.0	22.5	50.5	9 400*	25.0	52.7	9 600	28.4	55.4	9 200	31.4	57.6	8 800	35.8	60.6	8 200	39.7	62.8	7 600	43.2	64.3	7 000	54.0
56.0	16.1	44.7	8 500*	19.4	47.7	9 000	23.5	51.2	8 700	27.1	54.0	8 300	32.0	57.6	7 700	36.3	60.2	7 100	40.0	62.0	6 600	56.0
58.0							17.5	45.7	8 100	21.9	49.5	7 800	27.8	54.0	7 200	32.6	57.2	6 700	36.6	59.5	6 100	58.0
60.0										15.2	43.4	7 300	22.8	49.7	6 800	28.4	53.8	6 200	32.9	56.6	5 700	60.0
62.0													16.5	44.0	6 400	23.6	49.6	5 900	28.8	53.2	5 300	62.0
64.0													4.7	32.9	5 900	17.5	44.1	5 500	24.1	49.1	5 000	64.0
66.0																			18.1	43.8	4 600	66.0
68.0																			8.9	35.2	4 300	68.0



Liftcrane Luffing Jib Capacities

**Luffing Jib No. 149 With
Jib Backstay Pendants On
Boom No. 82
83 730 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



999 SERIES 2

27.4m (90 Ft.) Boom, 57.9m (190 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
18.3	75.3	85.8	25 100*																			18.3
20.0	73.5	85.3	24 900*																			20.0
22.0	71.4	84.6	24 600*	72.4	84.9	28 000*																22.0
24.0	69.3	83.9	24 300*	70.3	84.2	27 700*																24.0
26.0	67.2	83.1	24 000*	68.2	83.4	27 400	69.7	83.8	26 500													26.0
28.0	65.0	82.2	23 700*	66.0	82.6	24 800	67.6	83.0	24 000													28.0
30.0	62.8	81.2	23 000	63.8	81.6	22 600	65.4	82.1	21 800													30.0
32.0	60.5	80.1	21 100	61.6	80.6	20 600	63.2	81.1	20 000	64.8	81.6	19 300										32.0
34.0	58.2	78.9	19 400	59.3	79.4	19 000	61.0	80.1	18 400	62.6	80.6	17 700										34.0
36.0	55.9	77.6	17 900	57.0	78.2	17 500	58.7	78.9	16 900	60.3	79.5	16 300										36.0
38.0	53.4	76.1	16 600	54.6	76.8	16 200	56.3	77.6	15 700	58.0	78.3	15 100	60.7	79.1	14 200							38.0
40.0	50.9	74.6	15 400	52.1	75.3	15 100	53.9	76.2	14 500	55.6	76.9	14 000	58.4	77.9	13 100							40.0
42.0	48.3	72.8	14 200*	49.5	73.6	14 000	51.4	74.6	13 600	53.2	75.5	13 100	56.0	76.6	12 200							42.0
44.0	45.6	70.9	13 200*	46.9	71.8	13 100	48.8	72.9	12 600	50.6	73.9	12 100	53.6	75.2	11 400	56.3	76.0	10 600				44.0
46.0	42.7	68.9	12 300*	44.1	69.8	12 300	46.1	71.1	11 800	48.0	72.2	11 400	51.0	73.6	10 600	53.9	74.6	9 900				46.0
48.0	39.7	66.5	11 400*	41.1	67.6	11 500	43.2	69.0	11 100	45.3	70.2	10 600	48.4	71.9	9 900	51.4	73.0	9 200				48.0
50.0	36.4	63.9	10 600*	38.0	65.1	10 800	40.3	66.7	10 400	42.4	68.1	9 900	45.7	70.0	9 300	48.8	71.3	8 600				50.0
52.0	32.9	61.0	9 900*	34.6	62.4	10 100	37.1	64.2	9 700	39.3	65.8	9 300	42.9	67.9	8 700	46.1	69.5	8 000	49.0	70.5	7 400	52.0
54.0	29.0	57.6	9 300*	30.9	59.2	9 500	33.6	61.4	9 100	36.1	63.2	8 700	39.8	65.6	8 100	43.3	67.4	7 500	46.3	68.7	6 900	54.0
56.0	24.6	53.6	8 600*	26.8	55.5	8 900	29.8	58.1	8 600	32.5	60.2	8 200	36.6	63.0	7 600	40.3	65.2	7 000	43.5	66.7	6 400	56.0
58.0	19.2	48.5	8 100*	21.9	51.0	8 400*	25.5	54.2	8 100	28.6	56.8	7 700	33.1	60.1	7 100	37.1	62.6	6 600	40.5	64.4	6 000	58.0
60.0	11.5	41.0	6 600*	15.6	45.0	7 700*	20.3	49.3	7 600	24.1	52.6	7 300	29.3	56.8	6 700	33.6	59.8	6 200	37.4	61.9	5 600	60.0
62.0							13.3	42.6	7 100	18.5	47.4	6 800	24.9	52.8	6 300	29.8	56.5	5 800	33.9	59.1	5 200	62.0
64.0										10.4	39.4	6 400	19.5	47.8	5 900	25.5	52.6	5 400	30.2	55.8	4 900	64.0
66.0													12.1	40.5	5 500	20.3	47.8	5 000	25.9	52.0	4 600	66.0
68.0																13.3	41.0	4 700	20.8	47.3	4 200	68.0
70.0																			14.1	40.8	4 000	70.0

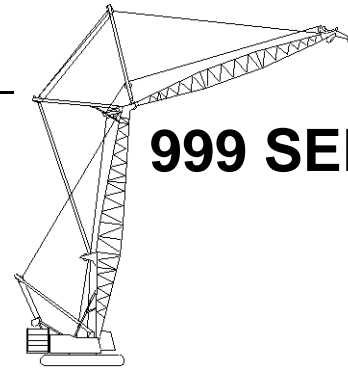


Liftcrane Luffing Jib Capacities

999 SERIES 2

Luffing Jib No. 149 With
Jib Backstay Pendants On
Boom No. 82
83 730 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, 61.0m (200 Ft.) Luffing Jib

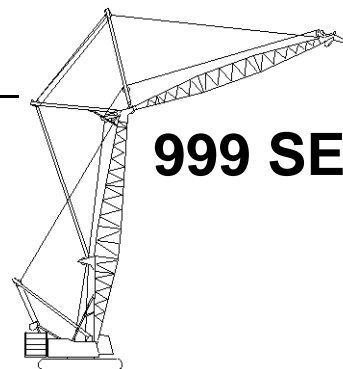
Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m		
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms			
18.3	76.0	88.9	22 500*																			18.3		
20.0	74.3	88.5	22 200*																			20.0		
22.0	72.4	87.9	21 900*	73.3	88.1	25 000*																22.0		
24.0	70.4	87.2	21 600*	71.3	87.4	24 700*																24.0		
26.0	68.4	86.4	21 300*	69.3	86.7	24 400*	70.8	87.1	23 700*													26.0		
28.0	66.3	85.6	21 100*	67.3	85.9	24 000	68.8	86.3	23 300													28.0		
30.0	64.3	84.6	20 800*	65.3	85.0	22 500	66.7	85.5	21 700													30.0		
32.0	62.1	83.6	20 500*	63.2	84.0	20 500	64.7	84.6	19 800	66.1	85.0	19 100										32.0		
34.0	60.0	82.5	19 300	61.0	82.9	18 800	62.5	83.5	18 100	64.0	84.0	17 500										34.0		
36.0	57.8	81.2	17 800	58.8	81.8	17 300	60.4	82.4	16 800	61.9	83.0	16 100										36.0		
38.0	55.5	79.9	16 400	56.6	80.5	16 100	58.2	81.2	15 500	59.8	81.8	14 900										38.0		
40.0	53.2	78.5	15 200*	54.3	79.1	14 900	56.0	79.9	14 400	57.6	80.6	13 800	60.1	81.5	12 900							40.0		
42.0	50.8	76.9	14 000*	52.0	77.6	13 900	53.6	78.5	13 400	55.3	79.3	12 800	57.9	80.2	12 000							42.0		
44.0	48.3	75.1	13 000*	49.5	75.9	12 900	51.3	76.9	12 500	53.0	77.8	12 000	55.7	78.9	11 100							44.0		
46.0	45.7	73.3	12 000*	47.0	74.1	12 100	48.8	75.2	11 600	50.6	76.2	11 100	53.3	77.5	10 400	56.0	78.3	9 600				46.0		
48.0	43.0	71.2	11 200*	44.3	72.1	11 300	46.2	73.4	10 900	48.1	74.5	10 400	50.9	75.9	9 700	53.6	76.9	9 000				48.0		
50.0	40.2	68.9	10 400*	41.6	69.9	10 600	43.6	71.3	10 200	45.5	72.6	9 700	48.5	74.2	9 100	51.3	75.3	8 400				50.0		
52.0	37.1	66.4	9 700*	38.6	67.5	10 000	40.7	69.1	9 600	42.7	70.5	9 100	45.9	72.3	8 500	48.8	73.6	7 800	51.5	74.5	7 200	52.0		
54.0	33.9	63.5	9 000*	35.5	64.9	9 300	37.7	66.6	9 000	39.9	68.2	8 600	43.2	70.2	7 900	46.2	71.8	7 300	49.0	72.8	6 700	54.0		
56.0	30.3	60.3	8 400*	32.0	61.8	8 700*	34.5	63.8	8 400	36.8	65.6	8 000	40.3	68.0	7 400	43.6	69.7	6 800	46.5	71.0	6 200	56.0		
58.0	26.3	56.5	7 900*	28.3	58.3	8 100*	31.0	60.7	7 900	33.5	62.7	7 500	37.3	65.5	7 000	40.7	67.5	6 400	43.8	69.0	5 800	58.0		
60.0	21.6	51.9	7 300*	23.9	54.2	7 600*	27.1	57.0	7 400	29.9	59.4	7 100	34.1	62.6	6 500	37.7	65.0	6 000	41.0	66.8	5 400	60.0		
62.0	15.6	45.8	6 600*	18.7	48.9	7 000*	22.5	52.6	7 000	25.8	55.6	6 700	30.5	59.4	6 100	34.5	62.3	5 600	38.0	64.3	5 000	62.0		
64.0	4.1	33.8	4 300*	11.2	41.2	6 000*	16.9	46.9	6 600	21.0	50.9	6 300	26.5	55.7	5 700	31.0	59.1	5 200	34.8	61.6	4 700	64.0		
66.0										14.8	44.6	5 800	21.9	51.2	5 400	27.1	55.4	4 900	31.4	58.4	4 400	66.0		
68.0															16.0	45.2	5 000	22.6	51.0	4 500	27.5	54.8	4 100	68.0
70.0															5.5	34.3	4 600	16.9	45.3	4 200	23.0	50.5	3 800	70.0
72.0																				17.5	45.0	3 500	72.0	
74.0																				9.1	36.3	3 200	74.0	



Liftcrane Luffing Jib Capacities

**Luffing Jib No. 149 With
Jib Backstay Pendants On
Boom No. 82
83 730 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



999 SERIES 2

27.4m (90 Ft.) Boom, 64.0m (210 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m		
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms			
19.8	75.3	91.7	20 100*																			19.8		
20.0	75.1	91.6	20 100*																			20.0		
22.0	73.2	91.1	19 800*																			22.0		
24.0	71.4	90.4	19 500*	72.3	90.6	22 300*																24.0		
26.0	69.5	89.7	19 300*	70.4	90.0	22 000*																26.0		
28.0	67.5	88.9	19 000*	68.4	89.2	21 700*	69.8	89.6	21 100*													28.0		
30.0	65.6	88.0	18 700*	66.5	88.3	21 400*	67.9	88.8	20 900*													30.0		
32.0	63.6	87.0	18 500*	64.5	87.4	20 300	65.9	87.9	19 600	67.3	88.3	18 900										32.0		
34.0	61.6	86.0	18 200*	62.5	86.4	18 700	64.0	87.0	18 000	65.4	87.4	17 300										34.0		
36.0	59.5	84.8	17 600	60.5	85.3	17 200	61.9	85.9	16 600	63.4	86.4	16 000										36.0		
38.0	57.4	83.6	16 300	58.4	84.1	15 900	59.9	84.8	15 300	61.3	85.4	14 700										38.0		
40.0	55.2	82.2	15 100	56.3	82.8	14 800	57.8	83.6	14 200	59.3	84.2	13 600	61.7	85.0	12 700							40.0		
42.0	53.0	80.8	13 900*	54.1	81.4	13 700	55.6	82.2	13 200	57.2	82.9	12 700	59.6	83.8	11 800							42.0		
44.0	50.7	79.2	12 800*	51.8	79.9	12 800	53.4	80.8	12 300	55.0	81.6	11 800	57.5	82.6	11 000							44.0		
46.0	48.3	77.4	11 900*	49.5	78.2	11 900	51.2	79.2	11 500	52.8	80.1	11 000	55.4	81.2	10 200							46.0		
48.0	45.9	75.6	11 000*	47.1	76.4	11 100	48.8	77.5	10 700	50.5	78.5	10 200	53.1	79.8	9 500	55.6	80.6	8 800				48.0		
50.0	43.3	73.5	10 200*	44.6	74.4	10 400	46.4	75.7	10 000	48.1	76.8	9 600	50.9	78.2	8 900	53.4	79.2	8 200				50.0		
52.0	40.6	71.3	9 500*	41.9	72.3	9 800	43.8	73.7	9 400	45.6	74.9	9 000	48.5	76.5	8 300	51.2	77.6	7 600				52.0		
54.0	37.8	68.8	8 900*	39.2	69.9	9 200	41.2	71.5	8 800	43.1	72.8	8 400	46.0	74.6	7 800	48.8	75.9	7 100	51.4	76.8	6 500	54.0		
56.0	34.7	66.0	8 200*	36.2	67.3	8 500*	38.3	69.0	8 300	40.3	70.5	7 900	43.5	72.6	7 300	46.4	74.1	6 600	49.0	75.1	6 000	56.0		
58.0	31.4	62.9	7 700*	33.0	64.4	7 900*	35.3	66.3	7 700	37.5	68.0	7 400	40.8	70.3	6 800	43.8	72.1	6 200	46.6	73.3	5 600	58.0		
60.0	27.7	59.3	7 100*	29.5	61.0	7 400*	32.1	63.3	7 300	34.4	65.2	6 900	38.0	67.9	6 400	41.2	69.9	5 800	44.1	71.3	5 200	60.0		
62.0	23.6	55.1	6 600*	25.6	57.1	6 900*	28.5	59.8	6 900	31.1	62.1	6 500	34.9	65.1	5 900	38.3	67.4	5 400	41.4	69.1	4 800	62.0		
64.0	18.5	49.8	6 200*	21.0	52.4	6 400*	24.4	55.7	6 400	27.3	58.4	6 100	31.6	62.0	5 600	35.3	64.7	5 000	38.6	66.7	4 500	64.0		
66.0	11.4	42.1	4 900*	15.2	46.2	5 900*	19.5	50.7	6 000	23.1	54.1	5 700	28.0	58.5	5 200	32.1	61.7	4 700	35.6	64.0	4 200	66.0		
68.0							13.0	43.7	5 600		17.9	48.7	5 400	23.8	54.3	4 900	28.5	58.2	4 400	32.4	61.0	3 900	68.0	
70.0											10.4	40.5	5 000		18.8	49.1	4 500	24.4	54.1	4 100	28.8	57.6	3 600	70.0
72.0															11.9	41.6	4 200	19.6	49.1	3 800	24.8	53.6	3 300	72.0
74.0																		13.0	42.1	3 500	20.1	48.6	3 100	74.0
76.0																				13.8	41.9	2 800	76.0	

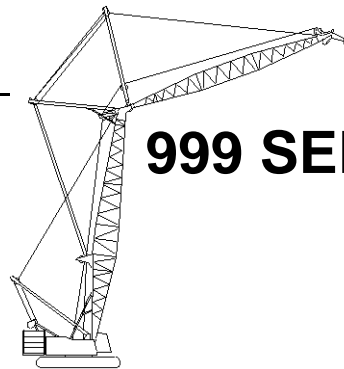


Liftcrane Luffing Jib Capacities

999 SERIES 2

Luffing Jib No. 149 With
Jib Backstay Pendants On
Boom No. 82
83 730 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, 67.1m (220 Ft.) Luffing Jib

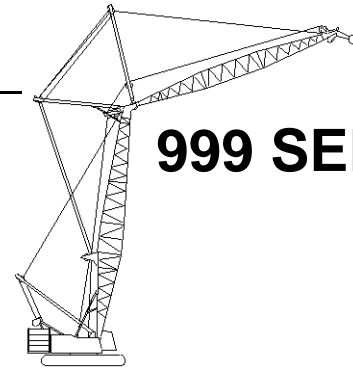
Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m			
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms				
19.8	76.0	94.8	18 300*																			19.8			
20.0	75.8	94.8	18 200*																			20.0			
22.0	74.0	94.2	17 900*																			22.0			
24.0	72.2	93.6	17 700*																			24.0			
26.0	70.4	92.9	17 400*	71.3	93.2	19 800*																26.0			
28.0	68.6	92.2	17 100*	69.5	92.5	19 600*																28.0			
30.0	66.7	91.3	16 800*	67.6	91.7	19 300*	69.0	92.1	18 800*													30.0			
32.0	64.9	90.4	16 600*	65.8	90.8	19 000*	67.1	91.2	18 600*													32.0			
34.0	63.0	89.4	16 400*	63.9	89.8	18 500	65.2	90.4	17 900	66.6	90.7	17 200										34.0			
36.0	61.0	88.3	16 100*	62.0	88.8	17 000	63.3	89.4	16 400	64.7	89.8	15 700										36.0			
38.0	59.0	87.2	15 900*	60.0	87.7	15 700	61.4	88.3	15 100	62.8	88.8	14 500										38.0			
40.0	57.0	85.9	14 900*	58.0	86.5	14 600	59.4	87.2	14 000	60.8	87.7	13 500										40.0			
42.0	54.9	84.5	13 700*	55.9	85.1	13 500	57.4	85.9	13 000	58.8	86.6	12 500	61.1	87.3	11 600							42.0			
44.0	52.8	83.1	12 600*	53.8	83.7	12 600	55.3	84.6	12 100	56.8	85.3	11 600	59.2	86.2	10 800							44.0			
46.0	50.6	81.5	11 700*	51.7	82.2	11 800	53.2	83.1	11 300	54.7	83.9	10 800	57.1	84.9	10 000							46.0			
48.0	48.4	79.7	10 800*	49.5	80.5	11 000	51.1	81.5	10 500	52.6	82.4	10 100	55.1	83.6	9 300							48.0			
50.0	46.0	77.9	10 000*	47.2	78.7	10 300	48.8	79.8	9 800	50.4	80.8	9 400	53.0	82.1	8 700	55.4	83.0	8 000				50.0			
52.0	43.6	75.8	9 300*	44.8	76.8	9 600	46.5	78.0	9 200	48.1	79.1	8 800	50.8	80.5	8 100	53.2	81.5	7 400				52.0			
54.0	41.0	73.6	8 600*	42.3	74.6	8 900*	44.1	76.0	8 600	45.8	77.2	8 200	48.5	78.8	7 500	51.1	79.9	6 900				54.0			
56.0	38.3	71.2	8 000*	39.7	72.3	8 300*	41.5	73.8	8 100	43.3	75.1	7 700	46.2	76.9	7 000	48.8	78.2	6 400	51.3	79.1	5 800	56.0			
58.0	35.5	68.5	7 400*	36.9	69.7	7 700*	38.9	71.4	7 500	40.8	72.9	7 200	43.7	74.9	6 600	46.5	76.4	6 000	49.0	77.4	5 400	58.0			
60.0	32.4	65.5	6 900*	33.9	66.9	7 100*	36.0	68.8	7 100	38.1	70.4	6 700	41.2	72.7	6 100	44.1	74.4	5 600	46.7	75.6	5 000	60.0			
62.0	29.0	62.1	6 400*	30.7	63.7	6 600*	33.0	65.8	6 700	35.2	67.7	6 300	38.5	70.3	5 700	41.5	72.2	5 200	44.3	73.6	4 600	62.0			
64.0	25.2	58.1	5 900*	27.1	60.0	6 100*	29.7	62.5	6 300	32.1	64.6	5 900	35.7	67.6	5 300	38.9	69.8	4 800	41.8	71.4	4 300	64.0			
66.0	20.8	53.3	5 500*	23.0	55.6	5 700*	26.0	58.6	5 800	28.6	61.2	5 500	32.6	64.6	5 000	36.0	67.2	4 500	39.1	69.1	4 000	66.0			
68.0	15.1	47.0	4 900*	18.0	50.2	5 300*	21.7	54.0	5 500	24.8	57.2	5 200	29.2	61.2	4 700	33.0	64.2	4 200	36.3	66.5	3 700	68.0			
70.0	5.0	35.4	3 000*	11.1	42.3	4 400*	16.4	48.1	5 100	20.3	52.2	4 900	25.5	57.3	4 400	29.7	60.9	3 900	33.3	63.5	3 400	70.0			
72.0													14.4	45.7	4 500	21.1	52.5	4 100	26.0	57.1	3 600	30.0	60.3	3 100	72.0
74.0																15.5	46.4	3 800	21.7	52.5	3 300	26.4	56.5	2 900	74.0
76.0																6.1	35.6	3 500	16.4	46.5	3 100	22.1	52.0	2 600	76.0
78.0																						16.9	46.2	2 400	78.0
80.0																						9.2	37.4	2 100	80.0



Liftcrane Luffing Jib Capacities

**Luffing Jib No. 149 With
Jib Backstay Pendants On
Boom No. 82
83 730 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



999 SERIES 2

27.4m (90 Ft.) Boom, 70.1m (230 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
21.3	75.3	97.6	17 000*																			21.3
22.0	74.7	97.4	16 900*																			22.0
24.0	73.0	96.8	16 600*																			24.0
26.0	71.3	96.2	16 400*	72.1	96.4	18 900*																26.0
28.0	69.6	95.4	16 200*	70.4	95.7	18 600*																28.0
30.0	67.8	94.6	15 900*	68.7	95.0	18 400*	69.9	95.3	18 100*													30.0
32.0	66.0	93.8	15 700*	66.9	94.1	18 100*	68.2	94.6	18 000*													32.0
34.0	64.2	92.8	15 500*	65.1	93.2	17 900	66.4	93.7	17 600													34.0
36.0	62.4	91.8	15 300*	63.3	92.2	17 000	64.6	92.8	16 300	65.9	93.2	15 600										36.0
38.0	60.5	90.7	15 100*	61.4	91.2	15 600	62.7	91.8	15 000	64.0	92.2	14 400										38.0
40.0	58.6	89.5	14 400*	59.5	90.0	14 400	60.9	90.7	13 900	62.2	91.2	13 300										40.0
42.0	56.7	88.2	13 500*	57.6	88.8	13 400	59.0	89.5	12 900	60.3	90.1	12 300										42.0
44.0	54.7	86.9	12 400*	55.7	87.5	12 500	57.1	88.2	12 000	58.4	88.9	11 500	60.6	89.7	10 600							44.0
46.0	52.7	85.4	11 500*	53.6	86.0	11 600	55.1	86.9	11 100	56.5	87.6	10 600	58.7	88.5	9 900							46.0
48.0	50.6	83.8	10 600*	51.6	84.5	10 800	53.1	85.4	10 400	54.5	86.2	9 900	56.8	87.3	9 200							48.0
50.0	48.4	82.0	9 800*	49.4	82.8	10 100	51.0	83.8	9 700	52.5	84.7	9 300	54.8	85.9	8 500							50.0
52.0	46.2	80.2	9 100*	47.2	81.0	9 400*	48.8	82.1	9 100	50.3	83.1	8 600	52.8	84.4	7 900	55.1	85.3	7 200				52.0
54.0	43.8	78.2	8 400*	45.0	79.1	8 700*	46.6	80.3	8 500	48.2	81.4	8 100	50.7	82.8	7 400	53.1	83.8	6 800				54.0
56.0	41.4	76.0	7 800*	42.6	77.0	8 100*	44.3	78.3	7 900	45.9	79.5	7 500	48.5	81.1	6 900	51.0	82.2	6 300				56.0
58.0	38.9	73.6	7 200*	40.1	74.7	7 500*	41.9	76.1	7 500	43.6	77.4	7 100	46.3	79.2	6 500	48.8	80.5	5 800	51.2	81.4	5 200	58.0
60.0	36.2	70.9	6 700*	37.5	72.1	6 900*	39.4	73.8	7 000	41.2	75.2	6 600	44.0	77.2	6 000	46.6	78.7	5 400	49.0	79.7	4 900	60.0
62.0	33.3	68.0	6 200*	34.7	69.4	6 400*	36.7	71.2	6 500	38.6	72.8	6 200	41.6	75.0	5 600	44.3	76.7	5 000	46.8	77.9	4 500	62.0
64.0	30.1	64.7	5 800*	31.7	66.3	5 900*	33.8	68.3	6 100	35.9	70.1	5 800	39.0	72.6	5 300	41.9	74.5	4 700	44.5	75.9	4 200	64.0
66.0	26.6	61.0	5 300*	28.4	62.8	5 500*	30.7	65.1	5 800	33.0	67.2	5 400	36.3	70.0	4 900	39.4	72.2	4 400	42.1	73.8	3 800	66.0
68.0	22.7	56.5	4 900*	24.7	58.7	5 100*	27.3	61.5	5 400	29.8	63.9	5 100	33.4	67.1	4 500	36.7	69.6	4 000	39.6	71.4	3 500	68.0
70.0	17.9	51.0	4 500*	20.3	53.8	4 700*	23.5	57.2	5 000	26.3	60.1	4 700	30.3	63.9	4 200	33.8	66.7	3 700	36.9	68.9	3 300	70.0
72.0	11.3	43.2	3 500*	14.8	47.3	4 300*	18.9	52.0	4 600*	22.2	55.6	4 400	26.9	60.1	3 900	30.7	63.5	3 500	34.1	66.0	3 000	72.0
74.0							12.8	44.8	4 100*	17.3	49.9	4 100	22.9	55.8	3 700	27.3	59.9	3 200	31.1	62.9	2 800	74.0
76.0										10.3	41.6	3 800	18.2	50.3	3 400	23.5	55.6	2 900	27.7	59.3	2 500	76.0
78.0													11.8	42.7	3 100	18.9	50.4	2 700	23.9	55.1	2 300	78.0
80.0																12.8	43.2	2 400	19.4	50.0	2 000	80.0
82.0																			13.5	43.0	1 800	82.0

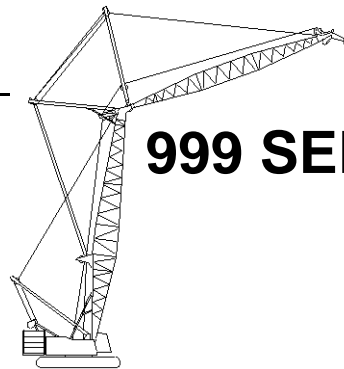


Liftcrane Luffing Jib Capacities

999 SERIES 2

Luffing Jib No. 149 With
Jib Backstay Pendants On
Boom No. 82
83 730 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, 73.2m (240 Ft.) Luffing Jib

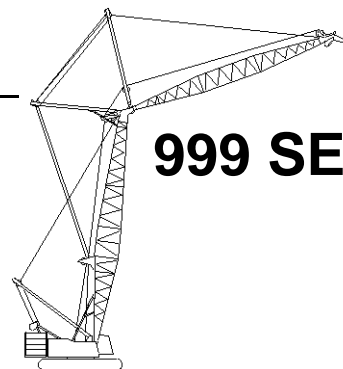
Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
21.3	75.9	100.7	15 400*																			21.3
22.0	75.4	100.6	15 300*																			22.0
24.0	73.8	100.0	15 100*																			24.0
26.0	72.1	99.4	14 900*	72.9	99.6	17 100*																26.0
28.0	70.5	98.7	14 600*	71.3	98.9	16 900*																28.0
30.0	68.8	97.9	14 400*	69.6	98.2	16 700*																30.0
32.0	67.1	97.1	14 200*	67.9	97.4	16 400*	69.1	97.8	16 100*													32.0
34.0	65.4	96.2	14 000*	66.2	96.6	16 100*	67.4	97.0	16 000*													34.0
36.0	63.6	95.2	13 800*	64.5	95.6	15 900*	65.7	96.1	15 800	66.9	96.5	15 400										36.0
38.0	61.9	94.2	13 600*	62.7	94.6	15 400*	64.0	95.2	14 800	65.2	95.6	14 200										38.0
40.0	60.1	93.1	13 400*	60.9	93.6	14 300	62.2	94.2	13 700	63.5	94.6	13 100										40.0
42.0	58.2	91.9	13 100*	59.1	92.4	13 200	60.4	93.1	12 700	61.7	93.6	12 100										42.0
44.0	56.4	90.6	12 200*	57.3	91.1	12 300	58.6	91.9	11 800	59.9	92.5	11 200										44.0
46.0	54.5	89.2	11 300*	55.4	89.8	11 400	56.7	90.6	11 000	58.1	91.2	10 500	60.2	92.1	9 600							46.0
48.0	52.5	87.7	10 400*	53.5	88.3	10 600	54.8	89.2	10 200	56.2	89.9	9 700	58.4	90.9	9 000							48.0
50.0	50.5	86.1	9 600*	51.5	86.8	9 900	52.9	87.7	9 500	54.3	88.5	9 100	56.5	89.6	8 300							50.0
52.0	48.4	84.3	8 900*	49.4	85.1	9 200*	50.9	86.1	8 900	52.3	87.0	8 400	54.6	88.2	7 700	56.7	89.0	7 000				52.0
54.0	46.3	82.5	8 200*	47.3	83.3	8 500*	48.8	84.4	8 300	50.3	85.4	7 900	52.6	86.7	7 200	54.8	87.6	6 600				54.0
56.0	44.1	80.5	7 500*	45.1	81.4	7 800*	46.7	82.6	7 800	48.2	83.7	7 400	50.6	85.1	6 700	52.9	86.1	6 100				56.0
58.0	41.8	78.3	7 000*	42.9	79.3	7 300*	44.5	80.6	7 200	46.1	81.8	6 900	48.6	83.4	6 200	50.9	84.5	5 600				58.0
60.0	39.3	75.9	6 500*	40.5	77.0	6 700*	42.2	78.5	6 800	43.8	79.8	6 400	46.4	81.5	5 800	48.8	82.8	5 200	51.1	83.7	4 600	60.0
62.0	36.8	73.4	6 000*	38.0	74.5	6 200*	39.8	76.2	6 400	41.5	77.6	6 000	44.2	79.5	5 400	46.7	81.0	4 800	49.0	82.0	4 300	62.0
64.0	34.0	70.5	5 500*	35.4	71.8	5 700*	37.3	73.6	5 900	39.1	75.2	5 600	41.9	77.4	5 000	44.5	79.0	4 500	46.9	80.2	3 900	64.0
66.0	31.1	67.3	5 100*	32.5	68.8	5 300*	34.6	70.8	5 600	36.5	72.6	5 200	39.5	75.0	4 700	42.2	76.9	4 100	44.7	78.2	3 600	66.0
68.0	27.9	63.8	4 700*	29.5	65.5	4 900*	31.7	67.7	5 200	33.8	69.7	4 900	36.9	72.4	4 300	39.8	74.6	3 800	42.4	76.1	3 300	68.0
70.0	24.3	59.6	4 300*	26.1	61.6	4 500*	28.5	64.2	4 700*	30.8	66.5	4 600	34.2	69.6	4 000	37.3	72.0	3 500	40.0	73.8	3 100	70.0
72.0	20.1	54.6	4 000*	22.2	57.1	4 100*	25.0	60.2	4 300*	27.6	62.9	4 200	31.3	66.5	3 800	34.6	69.2	3 300	37.5	71.3	2 800	72.0
74.0	14.8	48.2	3 400*	17.5	51.4	3 800*	21.0	55.4	4 000*	23.9	58.7	4 000	28.1	62.9	3 500	31.7	66.1	3 000	34.8	68.5	2 500	74.0
76.0				11.0	43.4	3 000*	15.9	49.3	3 700*	19.6	53.6	3 700	24.5	58.8	3 200	28.5	62.6	2 700	32.0	65.5	2 300	76.0
78.0										14.1	46.8	3 400	20.4	53.9	3 000	25.0	58.6	2 500	28.9	62.0	2 100	78.0
80.0													15.1	47.5	2 700	21.0	53.8	2 300	25.4	58.1	1 900	80.0
82.0													6.6	36.8	2 400	15.9	47.7	2 000				82.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 149 With
 Jib Backstay Pendants On
 Boom No. 82
 83 730 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



999 SERIES 2

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

Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	
11.6	68.1	52.6	62 800*b																			11.6
12.0	66.9	52.4	61 300*b																			12.0
14.0	60.9	51.4	54 600*b	64.1	51.9	57 700*b																14.0
16.0	54.4	50.1	49 200*	57.9	50.7	51 700*b	62.9	51.5	52 600b													16.0
18.0	47.4	48.4	44 700*	51.2	49.2	46 100	56.6	50.2	44 900	61.6	51.0	43 800b										18.0
20.0	39.4	46.2	41 000	43.8	47.3	40 300	49.8	48.7	39 200	55.2	49.7	38 200										20.0
22.0	29.7	43.2	36 300	35.2	44.8	35 700	42.2	46.7	34 700	48.2	48.0	33 800	57.1	49.4	32 300b							22.0
24.0	14.8	38.0	29 500	23.9	41.1	31 900	33.1	44.0	31 100	40.4	45.9	30 200	50.3	47.9	28 800							24.0
26.0										30.9	43.0	27 300	42.8	46.0	26 000	52.1	47.5	24 800				26.0
28.0													33.9	43.3	23 600	44.8	45.7	22 500				28.0
30.0													22.0	39.4	21 600	36.4	43.2	20 600	46.5	45.0	19 600	30.0
32.0																25.6	39.8	18 800	38.4	42.8	17 900	32.0
34.0																		28.3	39.6	16 500		34.0

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

Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	
11.6	71.0	55.9	61 000*b																			11.6
12.0	70.0	55.7	59 500*b																			12.0
14.0	64.8	54.8	53 100*b	67.6	55.2	56 200*b																14.0
16.0	59.5	53.7	47 900*	62.3	54.3	50 400*b	66.5	54.9	52 400b													16.0
18.0	53.8	52.4	43 600*	56.8	53.0	45 700*	61.2	53.8	44 800													18.0
20.0	47.6	50.7	39 900	51.0	51.5	40 200	55.7	52.6	39 100	60.1	53.3	38 000										20.0
22.0	40.8	48.5	36 300	44.5	49.7	35 600	49.7	51.0	34 600	54.4	52.0	33 600										22.0
24.0	32.7	45.8	32 400	37.2	47.3	31 800	43.1	49.0	30 900	48.3	50.3	30 100	56.1	51.8	28 600							24.0
26.0	22.2	41.8	29 100	28.3	44.0	28 700	35.5	46.5	27 900	41.6	48.3	27 100	50.2	50.2	25 800	57.6	51.3	24 500				26.0
28.0							26.0	43.0	25 300	33.7	45.6	24 600	43.6	48.3	23 400	51.7	49.8	22 300				28.0
30.0										23.6	41.8	22 500	36.1	45.8	21 400	45.4	48.0	20 300				30.0
32.0													26.9	42.4	19 600	38.2	45.7	18 600	46.8	47.3	17 700	32.0
34.0																29.5	42.6	17 200	39.8	45.1	16 300	34.0
36.0																17.2	37.7	15 900	31.6	42.3	15 100	36.0
38.0																		20.5	38.0	13 900		38.0

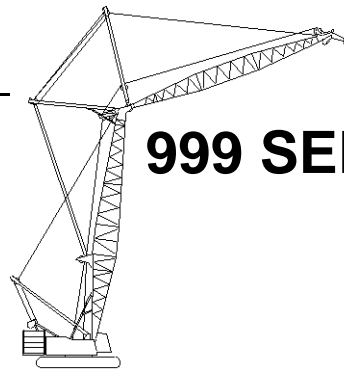


Liftcrane Luffing Jib Capacities

999 SERIES 2

Luffing Jib No. 149 With
Jib Backstay Pendants On
Boom No. 82
83 730 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, 27.4m (90 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
11.6	73.2	59.1	59 200*b																			11.6
12.0	72.3	58.9	57 800*b																			12.0
14.0	67.8	58.2	51 900*b	70.2	58.5	54 800*b																14.0
16.0	63.2	57.2	46 900*	65.7	57.7	49 400*b	69.3	58.2	52 200b													16.0
18.0	58.4	56.1	42 700*	60.9	56.6	44 800*	64.7	57.3	44 700													18.0
20.0	53.3	54.7	39 100*	56.0	55.4	40 100	59.9	56.2	39 000	63.7	56.8	37 900										20.0
22.0	47.8	53.0	36 000	50.7	53.8	35 500	54.9	54.9	34 500	58.9	55.7	33 500										22.0
24.0	41.8	50.9	32 400	45.0	52.0	31 700	49.6	53.3	30 800	53.8	54.3	29 900										24.0
26.0	34.9	48.3	29 200	38.7	49.7	28 600	43.8	51.3	27 800	48.4	52.6	27 000	55.3	54.1	25 700							26.0
28.0	26.5	44.8	26 500	31.2	46.7	26 000	37.2	48.9	25 300	42.4	50.6	24 600	50.0	52.5	23 300							28.0
30.0	13.9	39.1	22 700	21.5	42.5	23 800	29.5	45.8	23 100	35.7	48.1	22 400	44.2	50.6	21 300	51.4	52.1	20 200				30.0
32.0							18.9	41.2	21 200	27.5	44.7	20 600	37.8	48.2	19 500	45.8	50.3	18 600	52.6	51.4	17 500	32.0
34.0													30.1	45.2	18 000	39.5	48.1	17 100	47.1	49.6	16 200	34.0
36.0													19.9	40.7	16 700	32.3	45.2	15 800	41.0	47.5	14 900	36.0
38.0																23.0	41.2	14 700	34.0	44.8	13 800	38.0
40.0																			25.3	41.2	12 900	40.0

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

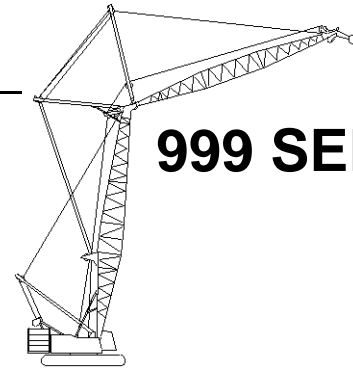
Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
11.6	74.9	62.3	57 200*b																			11.6
12.0	74.1	62.1	56 000*b																			12.0
14.0	70.1	61.5	50 400*b	72.3	61.8	53 200*b																14.0
16.0	66.1	60.6	45 700*	68.2	61.0	48 100*																16.0
18.0	61.9	59.6	41 700*	64.1	60.1	43 700*	67.4	60.6	44 500													18.0
20.0	57.5	58.4	38 300*	59.8	59.0	40 000	63.2	59.7	38 800	66.5	60.2	37 700										20.0
22.0	52.8	57.0	35 300*	55.3	57.7	35 300	58.9	58.5	34 300	62.3	59.2	33 300										22.0
24.0	47.9	55.3	32 300	50.6	56.1	31 600	54.4	57.2	30 600	58.0	58.0	29 700										24.0
26.0	42.5	53.2	29 000	45.4	54.3	28 500	49.5	55.6	27 700	53.4	56.6	26 800	59.2	57.7	25 400							26.0
28.0	36.5	50.7	26 400	39.8	52.1	25 900	44.3	53.7	25 100	48.5	54.9	24 400	54.7	56.4	23 100							28.0
30.0	29.5	47.6	24 100	33.4	49.3	23 600	38.6	51.3	23 000	43.1	52.9	22 300	49.9	54.8	21 100							30.0
32.0	20.3	43.1	22 100	25.6	45.6	21 700	31.9	48.4	21 100	37.2	50.5	20 500	44.7	52.9	19 400	51.2	54.4	18 300				32.0
34.0							23.6	44.5	19 400	30.3	47.4	18 800	39.0	50.6	17 800	46.1	52.6	16 900				34.0
36.0										21.5	43.2	17 400	32.5	47.8	16 500	40.6	50.4	15 600	47.3	51.9	14 700	36.0
38.0													24.4	44.0	15 300	34.3	47.7	14 500	41.8	49.9	13 600	38.0
40.0																26.7	44.2	13 400	35.7	47.3	12 700	40.0
42.0																16.0	38.9	12 500	28.5	44.0	11 800	42.0
44.0																			18.8	39.3	11 000	44.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 149 With
Jib Backstay Pendants On
Boom No. 82
83 730 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



999 SERIES 2

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

Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib 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	65.2	53 500*b																			12.2
14.0	72.0	64.7	48 900*																			14.0
16.0	68.4	63.9	44 500*	70.3	64.3	46 900*																16.0
18.0	64.6	63.0	40 700*	66.6	63.5	42 700*																18.0
20.0	60.7	62.0	37 400*	62.8	62.5	39 100	65.8	63.1	38 700													20.0
22.0	56.7	60.7	34 500*	58.9	61.3	35 400	62.0	62.1	34 300	65.0	62.6	33 300										22.0
24.0	52.5	59.3	32 000	54.8	60.0	31 600	58.0	60.9	30 600	61.2	61.6	29 700										24.0
26.0	48.0	57.6	29 000	50.4	58.4	28 500	53.9	59.5	27 600	57.2	60.3	26 800	62.3	61.3	25 400							26.0
28.0	43.2	55.6	26 400	45.8	56.6	25 900	49.5	57.9	25 100	53.0	58.9	24 300	58.4	60.1	23 000							28.0
30.0	37.8	53.2	24 100	40.7	54.4	23 600	44.8	56.0	22 900	48.5	57.2	22 200	54.2	58.7	21 000							30.0
32.0	31.7	50.2	22 200	35.1	51.8	21 700	39.6	53.7	21 100	43.7	55.3	20 400	49.8	57.1	19 300	55.3	58.2	18 200				32.0
34.0	24.3	46.3	20 500	28.5	48.5	20 100	33.8	51.0	19 500	38.4	52.9	18 800	45.2	55.2	17 800	51.0	56.7	16 800				34.0
36.0	13.2	40.2	17 800	19.9	43.9	18 600	26.9	47.5	18 000	32.4	50.0	17 400	40.0	53.0	16 500	46.4	54.9	15 500				36.0
38.0							17.6	42.4	16 700	25.2	46.3	16 200	34.3	50.3	15 300	41.4	52.8	14 400	47.4	54.2	13 600	38.0
40.0													27.5	46.9	14 200	35.9	50.2	13 400	42.5	52.2	12 600	40.0
42.0													18.5	42.0	13 300	29.4	47.0	12 500	37.1	49.7	11 700	42.0
44.0																21.2	42.6	11 700	30.9	46.7	11 000	44.0
46.0																			23.2	42.7	10 200	46.0

RELEASING ONLY

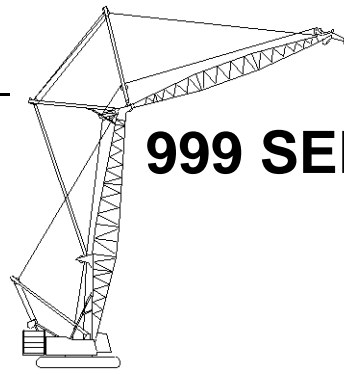


Liftcrane Luffing Jib Capacities

999 SERIES 2

Luffing Jib No. 149 With
Jib Backstay Pendants On
Boom No. 82
83 730 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

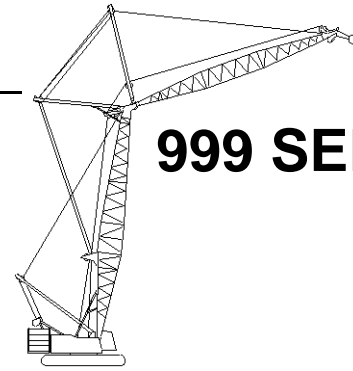
Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib 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	68.0	48 000*																			13.7
14.0	73.6	67.9	47 400*																			14.0
16.0	70.3	67.2	43 300*	72.0	67.5	45 500*																16.0
18.0	66.9	66.4	39 600*	68.7	66.8	41 600*																18.0
20.0	63.4	65.5	36 500*	65.3	65.9	38 200*	68.0	66.4	38 500													20.0
22.0	59.8	64.3	33 700*	61.7	64.9	35 000	64.5	65.5	34 000													22.0
24.0	56.1	63.1	31 300*	58.1	63.7	31 400	61.0	64.5	30 400	63.8	65.0	29 500										24.0
26.0	52.2	61.6	28 900	54.3	62.3	28 300	57.3	63.2	27 400	60.2	63.9	26 500										26.0
28.0	48.1	59.9	26 200	50.3	60.7	25 700	53.5	61.8	24 900	56.5	62.7	24 100	61.3	63.6	22 800							28.0
30.0	43.7	57.9	24 000	46.1	58.9	23 500	49.4	60.2	22 700	52.6	61.2	22 000	57.6	62.4	20 800							30.0
32.0	38.9	55.6	22 000	41.5	56.8	21 600	45.1	58.3	20 900	48.5	59.5	20 200	53.8	61.0	19 100							32.0
34.0	33.5	52.8	20 300	36.4	54.2	19 900	40.5	56.1	19 300	44.2	57.6	18 600	49.8	59.4	17 600	54.8	60.6	16 600				34.0
36.0	27.1	49.3	18 800	30.7	51.2	18 400	35.3	53.5	17 800	39.4	55.3	17 200	45.5	57.6	16 300	50.8	59.0	15 300				36.0
38.0	18.9	44.4	17 500	23.6	47.1	17 100	29.3	50.2	16 600	34.1	52.6	16 000	40.8	55.4	15 100	46.6	57.2	14 200				38.0
40.0							21.9	45.9	15 400	27.9	49.2	14 900	35.7	52.8	14 000	42.1	55.1	13 200	47.6	56.5	12 300	40.0
42.0										20.0	44.5	13 900	29.8	49.6	13 100	37.1	52.6	12 300	43.1	54.5	11 500	42.0
44.0													22.6	45.4	12 200	31.5	49.6	11 500	38.2	52.1	10 700	44.0
46.0																24.7	45.8	10 700	32.8	49.3	10 000	46.0
48.0																15.2	40.1	10 000	26.3	45.7	9 400	48.0
50.0																			17.7	40.5	8 800	50.0



Liftcrane Luffing Jib Capacities

**Luffing Jib No. 149 With
Jib Backstay Pendants On
Boom No. 82
83 730 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



999 SERIES 2

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

Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib 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	71.1	45 900*																			13.7
14.0	74.9	71.1	45 500*																			14.0
16.0	71.8	70.4	42 200*																			16.0
18.0	68.8	69.7	38 700*	70.4	70.0	40 600*																18.0
20.0	65.6	68.8	35 700*	67.3	69.2	37 400*	69.8	69.7	38 400													20.0
22.0	62.4	67.8	33 000*	64.1	68.3	34 500	66.6	68.9	33 900													22.0
24.0	59.0	66.7	30 700*	60.8	67.2	31 300	63.4	67.9	30 300	65.9	68.4	29 300										24.0
26.0	55.6	65.4	28 600	57.4	66.0	28 200	60.1	66.8	27 300	62.7	67.4	26 400										26.0
28.0	52.0	63.9	26 100	53.9	64.6	25 600	56.7	65.6	24 800	59.4	66.3	23 900										28.0
30.0	48.2	62.2	23 900	50.2	63.0	23 400	53.1	64.1	22 600	56.0	65.0	21 900	60.4	66.0	20 600							30.0
32.0	44.1	60.2	21 900	46.3	61.2	21 500	49.4	62.5	20 800	52.4	63.5	20 000	57.0	64.8	18 900							32.0
34.0	39.7	57.9	20 200	42.1	59.1	19 800	45.4	60.6	19 100	48.6	61.8	18 500	53.4	63.3	17 400							34.0
36.0	34.9	55.3	18 700	37.5	56.7	18 300	41.2	58.4	17 700	44.6	59.9	17 100	49.7	61.7	16 100	54.4	62.9	15 100				36.0
38.0	29.4	52.0	17 200*	32.4	53.7	17 000	36.5	55.9	16 400	40.2	57.7	15 900	45.8	59.9	14 900	50.7	61.3	14 000				38.0
40.0	22.6	47.8	16 000*	26.4	50.1	15 800	31.2	52.9	15 300	35.4	55.0	14 800	41.5	57.7	13 900	46.8	59.5	13 000	51.5	60.6	12 200	40.0
42.0	12.8	41.3	14 200*	18.7	45.2	14 800	25.0	49.0	14 300	30.0	51.9	13 800	36.9	55.2	12 900	42.7	57.5	12 100	47.7	58.8	11 300	42.0
44.0							16.6	43.6	13 300	23.5	47.8	12 900	31.7	52.2	12 100	38.1	55.1	11 300	43.6	56.9	10 500	44.0
46.0													25.5	48.5	11 300	33.1	52.2	10 600	39.2	54.5	9 900	46.0
48.0													17.4	43.2	10 600	27.2	48.7	9 900	34.3	51.8	9 200	48.0
50.0																19.8	44.0	9 300	28.6	48.4	8 600	50.0
52.0																			21.7	44.1	8 100	52.0

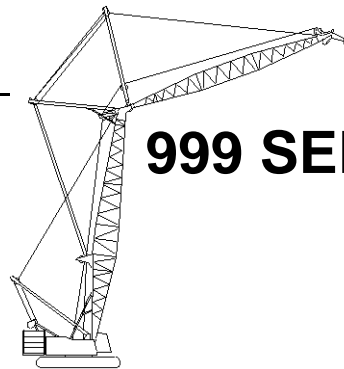


Liftcrane Luffing Jib Capacities

999 SERIES 2

Luffing Jib No. 149 With
Jib Backstay Pendants On
Boom No. 82
83 730 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

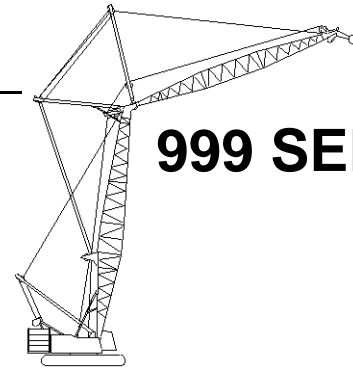
Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib 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	73.9	40 900*																			15.2
16.0	73.2	73.7	40 200*																			16.0
18.0	70.3	73.0	37 700*	71.9	73.3	39 400*																18.0
20.0	67.5	72.2	34 800*	69.0	72.5	36 400*																20.0
22.0	64.5	71.3	32 300*	66.1	71.7	33 700*	68.4	72.2	33 700													22.0
24.0	61.5	70.2	30 000*	63.1	70.7	31 000	65.5	71.3	30 000													24.0
26.0	58.3	69.0	28 000	60.0	69.6	28 000	62.5	70.3	27 100	64.8	70.8	26 200										26.0
28.0	55.1	67.7	26 000	56.8	68.4	25 400	59.4	69.2	24 500	61.8	69.8	23 700										28.0
30.0	51.8	66.2	23 700	53.6	66.9	23 200	56.2	67.9	22 400	58.7	68.6	21 600										30.0
32.0	48.2	64.5	21 800	50.1	65.3	21 300	52.9	66.4	20 500	55.5	67.3	19 900	59.6	68.4	18 700							32.0
34.0	44.5	62.5	20 100	46.5	63.5	19 600	49.4	64.8	19 000	52.1	65.8	18 300	56.4	67.1	17 200							34.0
36.0	40.5	60.3	18 600	42.6	61.4	18 200	45.7	62.9	17 500	48.6	64.1	16 900	53.1	65.6	15 900							36.0
38.0	36.1	57.7	17 100*	38.4	59.1	16 800	41.8	60.8	16 200	44.9	62.2	15 700	49.7	64.0	14 700	54.0	65.2	13 800				38.0
40.0	31.1	54.7	15 700*	33.8	56.3	15 700	37.5	58.3	15 100	40.9	60.0	14 600	46.0	62.2	13 700	50.6	63.6	12 800				40.0
42.0	25.4	50.8	14 700*	28.6	52.9	14 600	32.8	55.4	14 100	36.6	57.5	13 600	42.1	60.1	12 800	47.0	61.8	11 900	51.3	62.9	11 100	42.0
44.0	17.9	45.7	13 900*	22.2	48.6	13 700	27.4	51.9	13 200	31.7	54.5	12 700	37.9	57.6	11 900	43.1	59.8	11 100	47.8	61.2	10 300	44.0
46.0							20.6	47.3	12 400	26.1	50.8	11 900	33.2	54.8	11 100	39.0	57.4	10 400	44.0	59.2	9 600	46.0
48.0										18.9	45.8	11 200	27.8	51.3	10 400	34.5	54.7	9 700	39.9	56.9	9 000	48.0
50.0													21.2	46.8	9 700	29.3	51.4	9 100	35.5	54.3	8 400	50.0
52.0																23.1	47.3	8 500	30.5	51.1	7 900	52.0
54.0																14.5	41.2	8 000	24.6	47.2	7 400	54.0
56.0																			16.8	41.7	6 900	56.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 149 With
Jib Backstay Pendants On
Boom No. 82
83 730 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



999 SERIES 2

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

Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib 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	77.1	36 900*																			15.2
16.0	74.3	76.8	36 700*																			16.0
18.0	71.7	76.2	36 000*																			18.0
20.0	69.0	75.5	33 800*	70.5	75.8	35 400*																20.0
22.0	66.3	74.6	31 400*	67.8	75.0	32 800*	69.9	75.5	33 700													22.0
24.0	63.5	73.7	29 300*	65.0	74.1	30 500*	67.2	74.6	30 000													24.0
26.0	60.7	72.6	27 400*	62.2	73.1	27 900	64.4	73.7	27 000	66.6	74.2	26 100										26.0
28.0	57.8	71.4	25 600	59.3	72.0	25 300	61.6	72.7	24 500	63.8	73.2	23 700										28.0
30.0	54.7	70.0	23 700	56.3	70.7	23 100	58.7	71.5	22 300	61.0	72.2	21 600										30.0
32.0	51.6	68.5	21 700	53.3	69.2	21 200	55.7	70.2	20 500	58.1	71.0	19 800	61.8	71.9	18 600							32.0
34.0	48.3	66.8	20 000	50.0	67.6	19 500	52.6	68.7	18 900	55.1	69.6	18 200	58.9	70.7	17 100							34.0
36.0	44.8	64.9	18 500	46.7	65.8	18 100	49.4	67.1	17 500	51.9	68.1	16 800	56.0	69.4	15 800							36.0
38.0	41.1	62.7	17 100	43.1	63.8	16 800	45.9	65.2	16 200	48.6	66.4	15 600	52.8	68.0	14 700							38.0
40.0	37.0	60.2	15 800*	39.2	61.5	15 600	42.3	63.1	15 100	45.2	64.5	14 500	49.6	66.3	13 600	53.7	67.5	12 700				40.0
42.0	32.6	57.2	14 600*	35.0	58.8	14 600	38.4	60.7	14 000	41.5	62.4	13 600	46.2	64.5	12 700	50.5	65.9	11 800				42.0
44.0	27.5	53.7	13 600*	30.3	55.6	13 700	34.1	58.0	13 100	37.5	59.9	12 600	42.6	62.4	11 800	47.1	64.1	11 000				44.0
46.0	21.3	49.2	12 900*	24.8	51.7	12 800	29.3	54.7	12 300	33.1	57.0	11 900	38.7	60.0	11 100	43.6	62.1	10 300	47.9	63.5	9 600	46.0
48.0	12.5	42.4	11 400*	17.7	46.4	12 000	23.5	50.5	11 600	28.1	53.6	11 100	34.4	57.3	10 400	39.7	59.8	9 600	44.3	61.5	8 900	48.0
50.0							15.9	44.8	10 800	22.1	49.2	10 400	29.7	54.0	9 700	35.6	57.2	9 000	40.6	59.3	8 300	50.0
52.0													24.0	50.0	9 100	31.0	54.1	8 500	36.5	56.7	7 800	52.0
54.0													16.6	44.4	8 600	25.6	50.3	7 900	32.0	53.7	7 300	54.0
56.0																18.8	45.3	7 400	26.8	50.1	6 800	56.0
58.0																			20.5	45.4	6 400	58.0

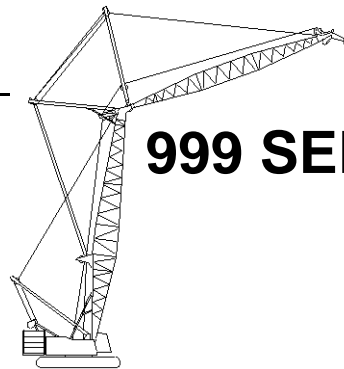


Liftcrane Luffing Jib Capacities

999 SERIES 2

Luffing Jib No. 149 With
Jib Backstay Pendants On
Boom No. 82
83 730 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

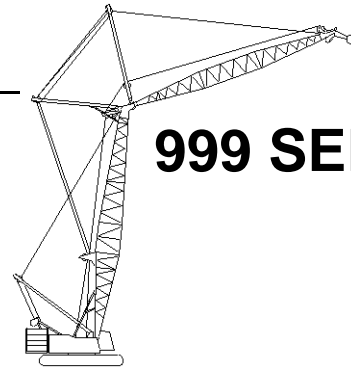
Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib 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	74.4	79.8	33 100*																			16.8
18.0	72.9	79.4	32 700*																			18.0
20.0	70.4	78.7	32 100*	71.7	79.0	34 300*																20.0
22.0	67.9	78.0	30 700*	69.2	78.3	31 900*																22.0
24.0	65.3	77.1	28 500*	66.7	77.5	29 800*	68.7	77.9	29 800													24.0
26.0	62.7	76.1	26 700*	64.1	76.5	27 700	66.1	77.1	26 800													26.0
28.0	60.0	75.0	25 000*	61.4	75.5	25 100	63.5	76.1	24 300	65.6	76.6	23 500										28.0
30.0	57.2	73.7	23 400	58.7	74.3	22 900	60.9	75.1	22 100	63.0	75.6	21 400										30.0
32.0	54.4	72.3	21 500	55.9	73.0	21 000	58.1	73.9	20 300	60.3	74.5	19 500										32.0
34.0	51.4	70.8	19 800	53.0	71.6	19 400	55.3	72.5	18 700	57.5	73.3	18 000	61.1	74.2	16 900							34.0
36.0	48.3	69.1	18 300	50.0	69.9	17 900	52.4	71.0	17 300	54.7	72.0	16 600	58.4	73.1	15 600							36.0
38.0	45.1	67.2	17 000	46.8	68.1	16 600	49.3	69.4	16 000	51.7	70.4	15 400	55.5	71.7	14 400							38.0
40.0	41.6	65.0	15 800*	43.5	66.1	15 500	46.1	67.5	14 900	48.7	68.7	14 300	52.6	70.3	13 400	56.3	71.2	12 500				40.0
42.0	37.9	62.6	14 600*	39.9	63.8	14 400	42.7	65.5	13 900	45.4	66.8	13 300	49.6	68.6	12 400	53.4	69.8	11 600				42.0
44.0	33.8	59.8	13 500*	36.0	61.2	13 500	39.1	63.1	13 000	42.0	64.7	12 500	46.4	66.8	11 600	50.4	68.2	10 800				44.0
46.0	29.3	56.4	12 600*	31.8	58.2	12 600	35.2	60.4	12 100	38.3	62.3	11 600	43.0	64.7	10 900	47.2	66.4	10 100	51.0	67.5	9 300	46.0
48.0	24.0	52.4	11 900*	26.9	54.6	11 900	30.8	57.3	11 400	34.3	59.5	10 900	39.4	62.4	10 200	43.9	64.4	9 400	47.9	65.8	8 700	48.0
50.0	17.1	46.9	11 100*	21.0	50.0	11 100	25.8	53.5	10 700	29.8	56.3	10 200	35.5	59.8	9 500	40.4	62.2	8 800	44.6	63.8	8 100	50.0
52.0							19.6	48.6	10 100	24.6	52.3	9 600	31.2	56.7	8 900	36.6	59.6	8 200	41.2	61.6	7 600	52.0
54.0										18.0	47.1	9 000	26.2	52.9	8 400	32.4	56.7	7 700	37.4	59.1	7 100	54.0
56.0													20.1	48.2	7 900	27.6	53.1	7 300	33.3	56.3	6 600	56.0
58.0																21.9	48.7	6 800	28.7	52.9	6 200	58.0
60.0																14.0	42.3	6 400	23.2	48.7	5 800	60.0
62.0																			16.1	42.9	5 400	62.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 149 With
Jib Backstay Pendants On
Boom No. 82
83 730 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



999 SERIES 2

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

Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib 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	75.3	83.0	29 800*																			16.8
18.0	73.9	82.6	29 700*																			18.0
20.0	71.6	82.0	29 300*	72.8	82.2	33 300*																20.0
22.0	69.2	81.2	28 800*	70.5	81.6	31 100*																22.0
24.0	66.9	80.4	27 900*	68.1	80.8	29 000*																24.0
26.0	64.4	79.5	26 100*	65.7	79.9	27 200	67.6	80.4	26 600													26.0
28.0	61.9	78.5	24 500*	63.3	78.9	25 000	65.2	79.5	24 100	67.1	80.0	23 300										28.0
30.0	59.4	77.3	23 100*	60.7	77.9	22 800	62.7	78.5	22 000	64.7	79.1	21 200										30.0
32.0	56.8	76.0	21 400	58.2	76.7	20 900	60.2	77.4	20 100	62.2	78.0	19 400										32.0
34.0	54.1	74.6	19 700	55.5	75.3	19 200	57.6	76.2	18 500	59.7	76.9	17 800										34.0
36.0	51.3	73.1	18 200	52.8	73.9	17 700	54.9	74.8	17 100	57.1	75.7	16 500	60.4	76.6	15 400							36.0
38.0	48.4	71.4	16 900	49.9	72.2	16 500	52.2	73.3	15 800	54.4	74.3	15 200	57.8	75.4	14 200							38.0
40.0	45.3	69.5	15 700	46.9	70.4	15 300	49.3	71.7	14 700	51.6	72.7	14 200	55.2	74.1	13 200							40.0
42.0	42.1	67.4	14 600*	43.8	68.4	14 300	46.3	69.8	13 700	48.7	71.0	13 200	52.4	72.6	12 300	55.9	73.6	11 400				42.0
44.0	38.6	65.0	13 500*	40.5	66.2	13 300	43.1	67.8	12 800	45.6	69.2	12 300	49.5	70.9	11 500	53.1	72.1	10 600				44.0
46.0	34.9	62.2	12 600*	36.9	63.6	12 500	39.8	65.5	12 000	42.4	67.1	11 500	46.5	69.1	10 700	50.3	70.5	9 900				46.0
48.0	30.8	59.1	11 800*	33.0	60.7	11 700	36.1	62.9	11 200	39.0	64.7	10 800	43.4	67.1	10 000	47.3	68.7	9 200	50.9	69.8	8 500	48.0
50.0	26.0	55.3	11 100*	28.6	57.3	11 000	32.1	59.9	10 600	35.3	62.0	10 100	40.0	64.8	9 300	44.2	66.8	8 600	48.0	68.1	7 900	50.0
52.0	20.3	50.6	10 400*	23.5	53.2	10 300	27.7	56.4	9 900	31.2	58.9	9 500	36.4	62.2	8 800	40.9	64.5	8 100	44.9	66.1	7 400	52.0
54.0	12.2	43.5	8 900*	17.0	47.6	9 700	22.3	52.0	9 300	26.6	55.2	8 900	32.5	59.2	8 200	37.4	62.0	7 500	41.7	64.0	6 900	54.0
56.0							15.3	46.0	8 800	21.0	50.6	8 400	28.0	55.7	7 700	33.5	59.2	7 100	38.2	61.5	6 500	56.0
58.0													22.8	51.5	7 200	29.2	55.9	6 600	34.4	58.8	6 100	58.0
60.0													16.0	45.6	6 800	24.2	51.8	6 200	30.2	55.6	5 600	60.0
62.0																18.0	46.5	5 800	25.4	51.7	5 300	62.0
64.0																7.7	37.4	5 400	19.5	46.8	4 900	64.0

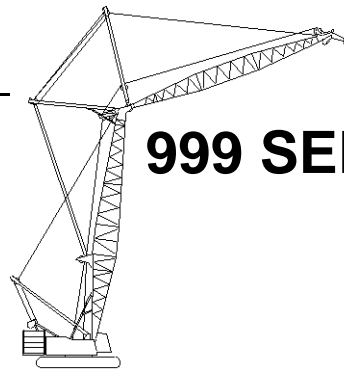


Liftcrane Luffing Jib Capacities

999 SERIES 2

Luffing Jib No. 149 With
Jib Backstay Pendants On
Boom No. 82
83 730 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, 54.9m (180 Ft.) Luffing Jib

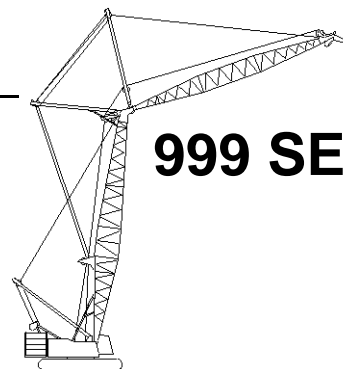
Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
18.3	74.5	85.7	26 700*																			18.3
20.0	72.7	85.2	26 500*	73.8	85.4	30 200*																20.0
22.0	70.5	84.5	26 200*	71.6	84.8	29 800*																22.0
24.0	68.2	83.7	25 800*	69.4	84.1	28 300*																24.0
26.0	65.9	82.9	25 400*	67.2	83.2	26 500*	68.9	83.7	26 400													26.0
28.0	63.6	81.9	23 900*	64.9	82.3	24 800	66.7	82.9	23 900													28.0
30.0	61.3	80.8	22 400*	62.5	81.3	22 600	64.4	82.0	21 800	66.2	82.4	21 000										30.0
32.0	58.8	79.7	21 200*	60.1	80.2	20 700	62.0	80.9	19 900	63.9	81.5	19 200										32.0
34.0	56.4	78.4	19 500	57.7	79.0	19 000	59.6	79.8	18 300	61.5	80.4	17 600										34.0
36.0	53.8	77.0	18 000	55.2	77.6	17 600	57.2	78.5	16 900	59.1	79.3	16 200										36.0
38.0	51.1	75.4	16 700	52.6	76.2	16 300	54.6	77.2	15 700	56.6	78.0	15 000	59.8	79.0	14 000							38.0
40.0	48.4	73.7	15 500	49.9	74.5	15 100	52.0	75.7	14 500	54.1	76.6	14 000	57.4	77.7	13 000							40.0
42.0	45.5	71.8	14 500	47.1	72.7	14 100	49.3	74.0	13 600	51.4	75.0	13 000	54.8	76.4	12 100							42.0
44.0	42.5	69.7	13 500*	44.1	70.7	13 200	46.5	72.2	12 600	48.7	73.3	12 100	52.2	74.9	11 200	55.5	75.9	10 400				44.0
46.0	39.3	67.3	12 600*	41.0	68.5	12 300	43.5	70.1	11 800	45.8	71.5	11 300	49.5	73.2	10 500	52.9	74.4	9 700				46.0
48.0	35.8	64.7	11 700*	37.7	66.1	11 500	40.3	67.9	11 100	42.8	69.4	10 600	46.7	71.4	9 800	50.2	72.8	9 000				48.0
50.0	32.0	61.7	10 900*	34.1	63.3	10 800	37.0	65.3	10 400	39.6	67.1	9 900	43.7	69.4	9 200	47.4	71.0	8 400	50.8	72.1	7 700	50.0
52.0	27.8	58.1	10 200*	30.1	60.0	10 200	33.3	62.4	9 700	36.2	64.5	9 300	40.6	67.1	8 600	44.5	69.1	7 800	48.0	70.4	7 200	52.0
54.0	22.8	53.8	9 500*	25.6	56.2	9 500	29.2	59.1	9 100	32.5	61.5	8 700	37.2	64.6	8 000	41.4	66.9	7 400	45.1	68.4	6 700	54.0
56.0	16.5	48.1	8 700*	20.1	51.3	9 000	24.5	55.1	8 600	28.3	58.0	8 200	33.6	61.8	7 500	38.1	64.4	6 900	42.1	66.3	6 200	56.0
58.0							18.7	49.9	8 100	23.4	53.8	7 700	29.5	58.5	7 100	34.6	61.7	6 400	38.9	63.9	5 800	58.0
60.0										17.3	48.3	7 200	24.9	54.5	6 600	30.6	58.5	6 000	35.4	61.2	5 400	60.0
62.0													19.3	49.5	6 200	26.2	54.7	5 600	31.5	58.2	5 100	62.0
64.0													11.0	41.9	5 800	20.9	50.1	5 300	27.2	54.6	4 700	64.0
66.0																13.7	43.5	4 900	22.1	50.1	4 400	66.0
68.0																			15.5	44.1	4 100	68.0



Liftcrane Luffing Jib Capacities

**Luffing Jib No. 149 With
Jib Backstay Pendants On
Boom No. 82
83 730 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



999 SERIES 2

30.5m (100 Ft.) Boom, 57.9m (190 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
18.3	75.4	88.9	23 900*																			18.3
20.0	73.6	88.4	23 700*																			20.0
22.0	71.5	87.7	23 500*	72.6	88.0	26 700*																22.0
24.0	69.4	87.0	23 200*	70.5	87.3	26 500*																24.0
26.0	67.3	86.2	22 900*	68.4	86.6	25 700*	70.1	87.0	25 500													26.0
28.0	65.1	85.3	22 700*	66.3	85.7	24 200*	68.0	86.2	23 900													28.0
30.0	62.9	84.3	22 000*	64.1	84.8	22 500	65.8	85.3	21 700													30.0
32.0	60.7	83.2	20 600*	61.9	83.7	20 600	63.6	84.4	19 800	65.4	84.9	19 100										32.0
34.0	58.3	82.0	19 400	59.6	82.6	18 900	61.4	83.3	18 200	63.1	83.9	17 500										34.0
36.0	56.0	80.7	17 900	57.2	81.3	17 500	59.1	82.1	16 800	60.9	82.8	16 100										36.0
38.0	53.5	79.3	16 600	54.8	80.0	16 200	56.8	80.9	15 600	58.6	81.6	14 900										38.0
40.0	51.0	77.7	15 400	52.4	78.5	15 000	54.3	79.5	14 400	56.2	80.3	13 900	59.3	81.3	12 900							40.0
42.0	48.4	76.0	14 400	49.8	76.8	14 000	51.9	78.0	13 500	53.8	78.9	12 900	56.9	80.1	11 900							42.0
44.0	45.7	74.1	13 400	47.2	75.0	13 100	49.3	76.3	12 600	51.3	77.3	12 000	54.5	78.7	11 100							44.0
46.0	42.8	72.0	12 400*	44.4	73.1	12 200	46.6	74.5	11 700	48.7	75.6	11 200	52.1	77.2	10 400	55.2	78.2	9 600				46.0
48.0	39.8	69.7	11 600*	41.5	70.9	11 500	43.8	72.4	11 000	46.0	73.8	10 500	49.5	75.5	9 700	52.7	76.7	8 900				48.0
50.0	36.6	67.1	10 800*	38.3	68.5	10 700	40.8	70.2	10 300	43.2	71.7	9 800	46.8	73.7	9 100	50.2	75.1	8 300				50.0
52.0	33.1	64.2	10 000*	35.0	65.7	10 100	37.7	67.7	9 600	40.2	69.4	9 200	44.0	71.7	8 500	47.5	73.3	7 700	50.7	74.4	7 100	52.0
54.0	29.2	60.9	9 400*	31.3	62.6	9 500	34.3	64.9	9 100	37.0	66.9	8 600	41.1	69.5	7 900	44.7	71.4	7 200	48.1	72.7	6 600	54.0
56.0	24.8	56.9	8 800*	27.2	59.0	8 900	30.5	61.7	8 500	33.5	64.0	8 100	37.9	67.0	7 400	41.8	69.2	6 800	45.4	70.7	6 100	56.0
58.0	19.5	51.9	8 200*	22.5	54.6	8 400	26.3	58.0	8 000	29.7	60.7	7 600	34.5	64.3	7 000	38.8	66.8	6 300	42.5	68.6	5 700	58.0
60.0	12.0	44.6	7 000*	16.4	48.8	7 800	21.4	53.4	7 500	25.3	56.8	7 200	30.8	61.1	6 500	35.4	64.2	5 900	39.4	66.3	5 300	60.0
62.0							14.8	47.1	7 100	20.1	51.9	6 700	26.7	57.4	6 100	31.8	61.1	5 500	36.2	63.7	5 000	62.0
64.0										13.0	45.1	6 300	21.8	52.9	5 800	27.8	57.6	5 200	32.7	60.7	4 600	64.0
66.0													15.4	46.8	5 400	23.1	53.3	4 900	28.7	57.3	4 300	66.0
68.0																17.3	47.7	4 500	24.2	53.2	4 000	68.0
70.0																8.0	38.5	4 200	18.7	48.0	3 700	70.0

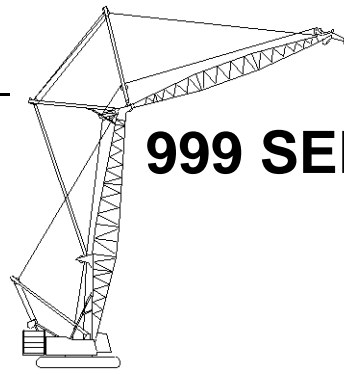


Liftcrane Luffing Jib Capacities

999 SERIES 2

Luffing Jib No. 149 With
Jib Backstay Pendants On
Boom No. 82
83 730 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, 61.0m (200 Ft.) Luffing Jib

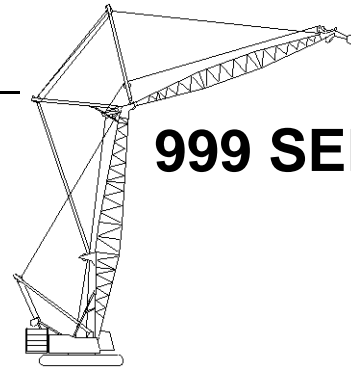
Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
19.8	74.6	91.6	21 500*																			19.8
20.0	74.4	91.5	21 500*																			20.0
22.0	72.5	90.9	21 200*																			22.0
24.0	70.5	90.3	20 900*	71.6	90.5	23 900*																24.0
26.0	68.5	89.5	20 700*	69.6	89.8	23 700*																26.0
28.0	66.4	88.6	20 400*	67.5	89.0	23 300*	69.1	89.5	22 700													28.0
30.0	64.4	87.7	20 200*	65.5	88.1	22 100*	67.1	88.7	21 600													30.0
32.0	62.3	86.7	20 000*	63.4	87.2	20 400	65.0	87.8	19 600	66.7	88.2	18 900										32.0
34.0	60.1	85.6	18 900*	61.3	86.1	18 800	62.9	86.8	18 100	64.6	87.3	17 300										34.0
36.0	57.9	84.4	17 600*	59.1	84.9	17 300	60.8	85.7	16 600	62.5	86.3	15 900										36.0
38.0	55.6	83.0	16 400	56.8	83.7	16 000	58.6	84.5	15 400	60.3	85.2	14 700										38.0
40.0	53.3	81.6	15 300	54.6	82.3	14 800	56.4	83.2	14 300	58.1	84.0	13 600	61.0	84.9	12 600							40.0
42.0	50.9	80.0	14 200	52.2	80.8	13 800	54.1	81.8	13 200	55.9	82.6	12 700	58.8	83.7	11 700							42.0
44.0	48.5	78.3	13 200	49.8	79.1	12 900	51.7	80.3	12 300	53.6	81.2	11 800	56.6	82.4	10 900							44.0
46.0	45.9	76.4	12 200*	47.3	77.3	12 000	49.3	78.6	11 500	51.2	79.6	11 000	54.3	81.0	10 100	57.1	81.9	9 300				46.0
48.0	43.2	74.3	11 300*	44.6	75.4	11 300	46.7	76.8	10 800	48.7	77.9	10 300	51.9	79.5	9 400	54.9	80.5	8 600				48.0
50.0	40.3	72.1	10 500*	41.9	73.2	10 600	44.1	74.8	10 100	46.2	76.1	9 600	49.5	77.8	8 800	52.5	79.0	8 100				50.0
52.0	37.3	69.6	9 800*	38.9	70.8	9 900	41.3	72.6	9 500	43.5	74.0	9 000	46.9	76.0	8 200	50.1	77.4	7 500				52.0
54.0	34.1	66.7	9 200*	35.8	68.2	9 300	38.3	70.1	8 900	40.6	71.8	8 400	44.3	74.0	7 700	47.6	75.6	7 000	50.6	76.7	6 300	54.0
56.0	30.5	63.5	8 500*	32.4	65.2	8 800	35.1	67.4	8 300	37.6	69.3	7 900	41.5	71.8	7 200	45.0	73.7	6 600	48.1	75.0	5 900	56.0
58.0	26.5	59.8	8 000*	28.7	61.8	8 200	31.7	64.3	7 800	34.4	66.5	7 400	38.5	69.4	6 800	42.2	71.6	6 100	45.5	73.1	5 500	58.0
60.0	21.9	55.2	7 400*	24.4	57.7	7 700*	27.9	60.8	7 400	30.9	63.4	7 000	35.4	66.7	6 300	39.3	69.2	5 700	42.8	71.0	5 100	60.0
62.0	15.9	49.3	6 700*	19.3	52.6	7 200*	23.5	56.6	6 900	27.0	59.7	6 500	32.0	63.7	6 000	36.2	66.6	5 300	40.0	68.7	4 800	62.0
64.0	5.4	38.3	5 000*	12.2	45.3	6 400*	18.1	51.2	6 500	22.4	55.3	6 200	28.2	60.2	5 600	32.9	63.7	5 000	36.9	66.1	4 400	64.0
66.0										16.7	49.5	5 800	23.8	56.0	5 200	29.2	60.3	4 600	33.6	63.3	4 100	66.0
68.0													18.5	50.7	4 900	25.0	56.3	4 300	30.0	60.0	3 800	68.0
70.0													11.0	42.9	4 500	20.0	51.4	4 000	26.0	56.2	3 500	70.0
72.0																13.3	44.6	3 700	21.2	51.5	3 300	72.0
74.0																			15.0	45.3	3 000	74.0



Liftcrane Luffing Jib Capacities

**Luffing Jib No. 149 With
Jib Backstay Pendants On
Boom No. 82
83 730 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



999 SERIES 2

30.5m (100 Ft.) Boom, 64.0m (210 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
19.8	75.4	94.8	19 500*																			19.8
20.0	75.2	94.7	19 500*																			20.0
22.0	73.3	94.1	19 200*																			22.0
24.0	71.5	93.5	19 000*	72.5	93.8	21 600*																24.0
26.0	69.6	92.8	18 700*	70.6	93.1	21 300*																26.0
28.0	67.6	92.0	18 400*	68.7	92.3	21 100*	70.2	92.7	20 500*													28.0
30.0	65.7	91.1	18 200*	66.7	91.5	20 900*	68.3	92.0	20 400*													30.0
32.0	63.7	90.1	18 000*	64.7	90.6	20 200	66.3	91.1	19 500	67.8	91.5	18 700										32.0
34.0	61.7	89.1	17 700*	62.7	89.6	18 600	64.3	90.2	17 900	65.9	90.6	17 200										34.0
36.0	59.6	87.9	17 200*	60.7	88.5	17 100	62.3	89.2	16 500	63.9	89.7	15 800										36.0
38.0	57.5	86.7	16 100*	58.6	87.3	15 800	60.3	88.0	15 200	61.9	88.7	14 600										38.0
40.0	55.3	85.3	15 100	56.5	86.0	14 700	58.2	86.8	14 100	59.8	87.5	13 500	62.5	88.3	12 500							40.0
42.0	53.1	83.9	14 100	54.3	84.6	13 700	56.0	85.5	13 100	57.7	86.3	12 500	60.4	87.2	11 600							42.0
44.0	50.8	82.3	13 100	52.1	83.1	12 700	53.8	84.1	12 200	55.6	85.0	11 600	58.3	86.0	10 700							44.0
46.0	48.5	80.6	12 100*	49.7	81.4	11 900	51.6	82.6	11 400	53.4	83.5	10 800	56.2	84.7	10 000							46.0
48.0	46.0	78.7	11 200*	47.3	79.6	11 100	49.2	80.9	10 600	51.1	81.9	10 100	54.0	83.3	9 300	56.8	84.2	8 500				48.0
50.0	43.5	76.7	10 400*	44.8	77.7	10 400	46.8	79.1	9 900	48.7	80.2	9 400	51.8	81.8	8 700	54.6	82.8	7 900				50.0
52.0	40.8	74.4	9 700*	42.2	75.6	9 800	44.3	77.1	9 300	46.3	78.4	8 800	49.4	80.1	8 100	52.4	81.3	7 300				52.0
54.0	37.9	72.0	9 000*	39.5	73.2	9 200	41.7	74.9	8 700	43.8	76.4	8 300	47.0	78.3	7 500	50.0	79.7	6 900				54.0
56.0	34.9	69.2	8 400*	36.5	70.6	8 600	38.9	72.5	8 200	41.1	74.1	7 800	44.5	76.3	7 100	47.7	77.9	6 400	50.6	79.0	5 700	56.0
58.0	31.6	66.1	7 800*	33.4	67.7	8 100	35.9	69.9	7 700	38.3	71.7	7 300	41.9	74.2	6 600	45.2	76.0	6 000	48.2	77.3	5 300	58.0
60.0	27.9	62.6	7 200*	29.9	64.4	7 500*	32.7	66.9	7 200	35.2	69.0	6 800	39.1	71.8	6 200	42.6	73.9	5 500	45.7	75.4	4 900	60.0
62.0	23.8	58.4	6 800*	26.1	60.6	7 000*	29.2	63.5	6 800	32.0	65.9	6 400	36.1	69.2	5 800	39.8	71.6	5 200	43.1	73.3	4 600	62.0
64.0	18.8	53.2	6 300*	21.6	56.0	6 500*	25.2	59.6	6 300	28.4	62.5	6 000	33.0	66.2	5 400	36.9	69.0	4 800	40.4	71.0	4 200	64.0
66.0	11.8	45.7	5 200*	15.9	50.0	6 000*	20.5	54.7	6 000	24.3	58.3	5 600	29.5	62.9	5 000	33.8	66.2	4 500	37.6	68.5	3 900	66.0
68.0							14.5	48.2	5 600	19.4	53.3	5 300	25.5	59.0	4 700	30.4	62.9	4 200	34.5	65.8	3 600	68.0
70.0										12.8	46.2	4 900	20.9	54.2	4 400	26.6	59.2	3 900	31.2	62.6	3 400	70.0
72.0													15.0	48.0	4 100	22.2	54.7	3 600	27.5	59.0	3 100	72.0
74.0																16.7	49.0	3 300	23.2	54.7	2 800	74.0
76.0																8.2	39.7	3 000	18.1	49.3	2 600	76.0

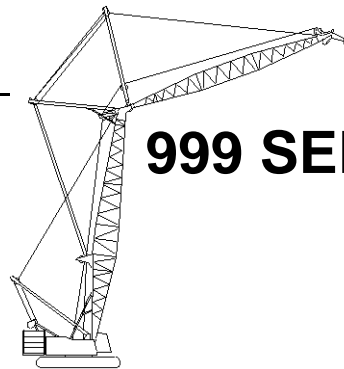


Liftcrane Luffing Jib Capacities

999 SERIES 2

Luffing Jib No. 149 With
Jib Backstay Pendants On
Boom No. 82
83 730 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, 67.1m (220 Ft.) Luffing Jib

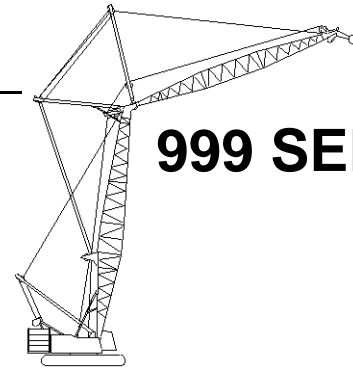
Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
21.3	74.7	97.5	17 500*																			21.3
22.0	74.1	97.3	17 400*																			22.0
24.0	72.3	96.7	17 100*																			24.0
26.0	70.5	96.0	16 900*	71.5	96.3	19 300*																26.0
28.0	68.7	95.3	16 700*	69.7	95.6	19 100*																28.0
30.0	66.8	94.4	16 400*	67.8	94.8	18 800*	69.3	95.2	18 300*													30.0
32.0	65.0	93.5	16 200*	66.0	93.9	18 500*	67.4	94.4	18 100*													32.0
34.0	63.1	92.5	16 000*	64.1	93.0	18 200	65.6	93.5	17 800	67.1	94.0	16 900										34.0
36.0	61.1	91.5	15 700*	62.2	92.0	17 000	63.7	92.6	16 300	65.2	93.1	15 600										36.0
38.0	59.1	90.3	15 500*	60.2	90.8	15 700	61.8	91.5	15 000	63.3	92.1	14 300										38.0
40.0	57.1	89.0	14 700*	58.2	89.6	14 500	59.8	90.4	13 900	61.3	91.0	13 300										40.0
42.0	55.1	87.7	13 800*	56.2	88.3	13 500	57.8	89.2	12 900	59.4	89.9	12 300	61.9	90.7	11 300							42.0
44.0	52.9	86.2	12 800*	54.1	86.9	12 600	55.7	87.8	12 000	57.4	88.6	11 400	59.9	89.6	10 500							44.0
46.0	50.8	84.6	11 800*	51.9	85.4	11 700	53.6	86.4	11 200	55.3	87.3	10 600	57.9	88.4	9 700							46.0
48.0	48.5	82.9	11 000*	49.7	83.7	10 900	51.5	84.9	10 400	53.2	85.8	9 900	55.9	87.1	9 100							48.0
50.0	46.2	81.0	10 200*	47.4	81.9	10 200	49.2	83.2	9 700	51.0	84.2	9 300	53.8	85.6	8 400	56.4	86.5	7 700				50.0
52.0	43.7	79.0	9 400*	45.0	80.0	9 600	46.9	81.4	9 100	48.8	82.5	8 600	51.6	84.1	7 900	54.3	85.1	7 100				52.0
54.0	41.2	76.8	8 800*	42.5	77.9	9 000	44.5	79.4	8 500	46.4	80.7	8 100	49.4	82.4	7 300	52.2	83.6	6 600				54.0
56.0	38.5	74.4	8 100*	39.9	75.6	8 400	42.0	77.2	8 000	44.0	78.7	7 600	47.1	80.6	6 800	50.0	82.0	6 200				56.0
58.0	35.6	71.7	7 500*	37.2	73.1	7 900*	39.4	74.9	7 500	41.5	76.5	7 100	44.7	78.7	6 400	47.7	80.2	5 700	50.5	81.3	5 100	58.0
60.0	32.6	68.7	7 000*	34.2	70.2	7 300*	36.6	72.3	7 000	38.8	74.1	6 600	42.2	76.5	6 000	45.3	78.3	5 300	48.2	79.6	4 700	60.0
62.0	29.2	65.3	6 500*	31.0	67.1	6 800*	33.6	69.4	6 600	36.0	71.4	6 200	39.6	74.2	5 600	42.9	76.2	4 900	45.9	77.7	4 300	62.0
64.0	25.4	61.4	6 000*	27.5	63.4	6 300*	30.3	66.2	6 200	32.9	68.5	5 800	36.8	71.6	5 200	40.3	74.0	4 600	43.4	75.6	4 000	64.0
66.0	21.0	56.6	5 600*	23.5	59.2	5 800*	26.7	62.4	5 800	29.6	65.1	5 400	33.8	68.7	4 900	37.5	71.4	4 300	40.9	73.4	3 700	66.0
68.0	15.5	50.4	5 000*	18.6	53.9	5 400*	22.5	58.0	5 500	25.9	61.3	5 100	30.6	65.5	4 500	34.6	68.7	3 900	38.2	70.9	3 400	68.0
70.0	6.0	39.6	3 600*	12.0	46.4	4 700*	17.5	52.4	5 100	21.6	56.7	4 800	27.0	61.8	4 200	31.5	65.5	3 600	35.3	68.2	3 100	70.0
72.0										16.2	50.7	4 400	22.9	57.5	3 900	28.0	62.0	3 400	32.2	65.2	2 800	72.0
74.0													17.9	52.0	3 600	24.0	57.8	3 100	28.8	61.7	2 600	74.0
76.0													10.9	44.0	3 300	19.3	52.7	2 900	24.9	57.7	2 400	76.0
78.0																13.1	45.7	2 600	20.4	52.9	2 100	78.0
80.0																			14.7	46.4	2 000	80.0



Liftcrane Luffing Jib Capacities

**Luffing Jib No. 149 With
Jib Backstay Pendants On
Boom No. 82
83 730 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



999 SERIES 2

30.5m (100 Ft.) Boom, 70.1m (230 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
21.3	75.4	100.7	16 400*																			21.3
22.0	74.8	100.5	16 300*																			22.0
24.0	73.1	99.9	16 100*																			24.0
26.0	71.4	99.2	15 900*	72.3	99.5	18 400*																26.0
28.0	69.7	98.5	15 700*	70.6	98.8	18 100*																28.0
30.0	67.9	97.7	15 500*	68.8	98.1	17 900*																30.0
32.0	66.1	96.9	15 300*	67.1	97.3	17 700*	68.5	97.7	17 500*													32.0
34.0	64.3	95.9	15 100*	65.3	96.4	17 500*	66.7	96.9	17 200													34.0
36.0	62.5	94.9	14 900*	63.5	95.4	16 900	64.9	96.0	16 200	66.3	96.4	15 400										36.0
38.0	60.6	93.8	14 200*	61.6	94.3	15 500	63.1	95.0	14 800	64.5	95.5	14 200										38.0
40.0	58.7	92.6	13 500*	59.7	93.2	14 400	61.2	93.9	13 800	62.7	94.5	13 100										40.0
42.0	56.8	91.4	12 700*	57.8	92.0	13 300	59.3	92.8	12 700	60.8	93.4	12 200										42.0
44.0	54.8	90.0	12 000*	55.9	90.6	12 400	57.4	91.5	11 900	58.9	92.2	11 300	61.4	93.1	10 400							44.0
46.0	52.8	88.5	11 300*	53.9	89.2	11 600	55.5	90.2	11 000	57.0	91.0	10 500	59.5	91.9	9 600							46.0
48.0	50.7	86.9	10 700*	51.8	87.7	10 800	53.4	88.7	10 300	55.0	89.6	9 800	57.6	90.7	9 000							48.0
50.0	48.5	85.2	10 000*	49.7	86.0	10 100	51.4	87.2	9 600	53.0	88.1	9 100	55.6	89.4	8 300							50.0
52.0	46.3	83.3	9 200*	47.5	84.3	9 500	49.2	85.5	9 000	50.9	86.5	8 500	53.6	87.9	7 700	56.1	88.9	7 000				52.0
54.0	44.0	81.3	8 600*	45.2	82.3	8 800	47.0	83.7	8 400	48.8	84.8	7 900	51.5	86.4	7 200	54.1	87.5	6 500				54.0
56.0	41.5	79.1	8 000*	42.8	80.2	8 300	44.7	81.7	7 900	46.5	83.0	7 400	49.4	84.7	6 700	52.1	85.9	6 000				56.0
58.0	39.0	76.7	7 400*	40.4	78.0	7 700*	42.3	79.6	7 400	44.2	81.0	7 000	47.2	82.9	6 200	50.0	84.3	5 600	52.5	85.2	4 900	58.0
60.0	36.3	74.1	6 800*	37.8	75.5	7 100*	39.8	77.3	6 900	41.8	78.8	6 500	44.9	81.0	5 800	47.8	82.5	5 200	50.4	83.6	4 600	60.0
62.0	33.4	71.2	6 300*	35.0	72.7	6 600*	37.2	74.7	6 400	39.3	76.5	6 100	42.5	78.9	5 400	45.5	80.6	4 800	48.3	81.9	4 200	62.0
64.0	30.3	68.0	5 800*	32.0	69.6	6 100*	34.4	71.9	6 100	36.6	73.9	5 700	40.0	76.5	5 100	43.2	78.6	4 400	46.0	80.0	3 900	64.0
66.0	26.8	64.2	5 400*	28.7	66.2	5 700*	31.3	68.8	5 700	33.8	71.0	5 300	37.4	74.0	4 700	40.7	76.3	4 100	43.7	77.9	3 600	66.0
68.0	22.9	59.9	5 000*	25.1	62.2	5 200*	28.0	65.2	5 300	30.7	67.8	5 000	34.6	71.2	4 400	38.1	73.8	3 800	41.2	75.7	3 300	68.0
70.0	18.2	54.4	4 600*	20.8	57.4	4 800*	24.2	61.1	5 000	27.2	64.1	4 600	31.6	68.1	4 100	35.4	71.1	3 500	38.7	73.3	3 000	70.0
72.0	11.7	46.8	3 700*	15.5	51.2	4 400*	19.8	56.1	4 700	23.4	59.8	4 300	28.3	64.6	3 800	32.4	68.1	3 300	36.0	70.7	2 700	72.0
74.0							14.1	49.4	4 300	18.8	54.6	4 000	24.6	60.5	3 500	29.2	64.7	3 000	33.1	67.7	2 500	74.0
76.0										12.6	47.3	3 700	20.2	55.6	3 200	25.6	60.8	2 700	29.9	64.4	2 200	76.0
78.0													14.6	49.1	3 000	21.4	56.1	2 500	26.4	60.6	2 100	78.0
80.0																16.3	50.2	2 300				80.0
82.0																8.4	40.8	2 000				82.0

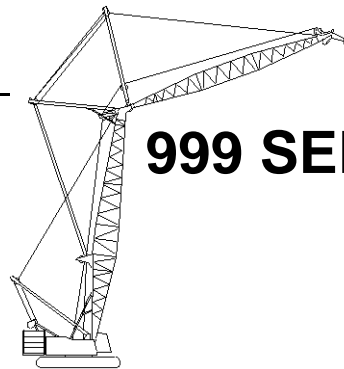


Liftcrane Luffing Jib Capacities

999 SERIES 2

Luffing Jib No. 149 With
Jib Backstay Pendants On
Boom No. 82
83 730 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, 73.2m (240 Ft.) Luffing Jib

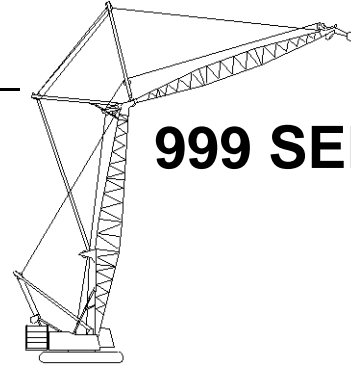
Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
21.3	76.0	103.8	15 000*																			21.3
22.0	75.5	103.6	14 900*																			22.0
24.0	73.8	103.1	14 600*																			24.0
26.0	72.2	102.5	14 500*	73.1	102.7	16 600*																26.0
28.0	70.6	101.8	14 200*	71.4	102.1	16 400*																28.0
30.0	68.9	101.0	14 000*	69.8	101.3	16 200*																30.0
32.0	67.2	100.2	13 800*	68.1	100.6	16 000*	69.4	101.0	15 800*													32.0
34.0	65.5	99.3	13 600*	66.4	99.7	15 800*	67.7	100.2	15 600*													34.0
36.0	63.7	98.3	13 400*	64.7	98.8	15 600*	66.0	99.3	15 400*													36.0
38.0	62.0	97.3	13 200*	62.9	97.8	15 300	64.3	98.4	14 700	65.7	98.9	14 000										38.0
40.0	60.2	96.2	13 000*	61.1	96.7	14 200	62.5	97.4	13 500	63.9	97.9	12 900										40.0
42.0	58.3	95.0	12 300*	59.3	95.6	13 200	60.8	96.3	12 600	62.2	96.9	12 000										42.0
44.0	56.5	93.7	11 700*	57.5	94.3	12 200	58.9	95.1	11 600	60.4	95.8	11 100										44.0
46.0	54.6	92.3	11 100*	55.6	93.0	11 400	57.1	93.8	10 900	58.5	94.6	10 300	60.9	95.5	9 400							46.0
48.0	52.6	90.8	10 500*	53.7	91.5	10 600	55.2	92.5	10 100	56.7	93.3	9 600	59.1	94.3	8 700							48.0
50.0	50.6	89.2	9 800*	51.7	90.0	9 900	53.3	91.0	9 400	54.8	91.9	8 900	57.2	93.0	8 100							50.0
52.0	48.5	87.5	9 000*	49.6	88.3	9 300	51.3	89.5	8 800	52.8	90.4	8 300	55.3	91.7	7 500	57.7	92.5	6 700				52.0
54.0	46.4	85.6	8 400*	47.5	86.6	8 600	49.2	87.8	8 200	50.8	88.8	7 800	53.4	90.2	7 000	55.8	91.2	6 200				54.0
56.0	44.2	83.6	7 700*	45.4	84.6	8 000*	47.1	86.0	7 700	48.8	87.1	7 200	51.4	88.7	6 500	53.9	89.8	5 800				56.0
58.0	41.9	81.5	7 100*	43.1	82.6	7 400*	44.9	84.0	7 200	46.6	85.3	6 700	49.4	87.0	6 100	51.9	88.2	5 400				58.0
60.0	39.5	79.1	6 600*	40.8	80.3	6 900*	42.6	81.9	6 700	44.4	83.3	6 300	47.3	85.2	5 600	49.9	86.6	5 000	52.4	87.5	4 300	60.0
62.0	36.9	76.5	6 100*	38.3	77.9	6 300*	40.3	79.6	6 300	42.1	81.2	5 900	45.1	83.3	5 200	47.8	84.8	4 600	50.4	85.9	4 000	62.0
64.0	34.2	73.7	5 600*	35.7	75.2	5 800*	37.8	77.1	5 900	39.7	78.8	5 500	42.8	81.2	4 900	45.7	82.9	4 300	48.3	84.2	3 600	64.0
66.0	31.3	70.6	5 200*	32.9	72.2	5 400*	35.1	74.4	5 500	37.2	76.3	5 100	40.4	78.9	4 500	43.4	80.9	3 900	46.1	82.3	3 300	66.0
68.0	28.1	67.0	4 800*	29.8	68.9	5 000*	32.2	71.3	5 100	34.5	73.5	4 800	38.0	76.4	4 200	41.1	78.7	3 600	43.9	80.3	3 000	68.0
70.0	24.5	62.9	4 400*	26.5	65.1	4 600*	29.1	67.9	4 800	31.6	70.4	4 500	35.3	73.7	3 900	38.6	76.2	3 300	41.6	78.1	2 800	70.0
72.0	20.3	58.0	4 100*	22.6	60.6	4 200*	25.7	64.0	4 500	28.4	66.9	4 200	32.5	70.7	3 600	36.0	73.6	3 000	39.2	75.7	2 500	72.0
74.0	15.1	51.6	3 500*	18.1	55.2	3 900*	21.8	59.4	4 100*	24.9	62.8	3 900	29.4	67.3	3 300	33.2	70.6	2 800	36.6	73.1	2 200	74.0
76.0	6.5	40.8	2 300*	11.9	47.5	3 200*	17.0	53.6	3 800*	20.8	58.0	3 600	26.0	63.5	3 100	30.2	67.4	2 600	33.8	70.2	2 100	76.0
78.0										15.8	51.9	3 300	22.1	58.9	2 800	26.9	63.7	2 300				78.0
80.0													17.4	53.2	2 500	23.2	59.3	2 100				80.0
82.0													10.8	45.1	2 300	18.7	54.0	1 900				82.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 149 With
Jib Backstay Pendants On
Boom No. 82
83 730 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



999 SERIES 2

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

Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib 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	66.7	55.4	58 900*b																			12.2
14.0	61.2	54.5	53 200*b	64.8	55.0	56 500*b																14.0
16.0	54.8	53.2	47 900*	58.6	53.9	50 700*b	64.0	54.7	52 300b													16.0
18.0	47.8	51.5	43 600*	52.0	52.4	45 800	57.8	53.5	44 700	63.2	54.2	43 500b										18.0
20.0	39.9	49.4	40 000	44.7	50.6	40 300	51.1	52.0	39 100	56.9	53.0	37 900										20.0
22.0	30.3	46.4	36 500	36.2	48.2	35 600	43.7	50.1	34 600	50.1	51.5	33 500	59.6	52.9	31 800b							22.0
24.0	16.0	41.5	30 400	25.3	44.7	31 800	35.0	47.6	30 900	42.6	49.5	30 000	53.1	51.5	28 400							24.0
26.0							23.6	43.9	27 900	33.7	46.9	27 000	45.9	49.7	25 600	55.6	51.1	24 200				26.0
28.0										21.6	42.9	24 500	37.6	47.4	23 300	48.7	49.5	22 000				28.0
30.0													27.3	44.1	21 300	41.0	47.5	20 100				30.0
32.0													9.0	37.6	19 400	31.7	44.6	18 400	43.7	47.1	17 400	32.0
34.0																			35.1	44.5	16 000	34.0
36.0																			23.8	40.8	14 800	36.0

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

Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib 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	69.7	58.7	57 200*b																			12.2
14.0	65.1	57.9	51 800*b	68.1	58.4	55 000*b																14.0
16.0	59.8	56.8	46 700*	62.9	57.4	49 400*b	67.5	58.1	52 200b													16.0
18.0	54.1	55.5	42 500*	57.4	56.2	44 800*	62.2	57.1	44 600													18.0
20.0	48.0	53.8	39 000*	51.6	54.7	40 200	56.7	55.8	38 900	61.5	56.6	37 700										20.0
22.0	41.1	51.7	35 900	45.2	52.9	35 500	50.8	54.3	34 400	56.0	55.4	33 300										22.0
24.0	33.2	49.0	32 500	38.0	50.6	31 800	44.4	52.4	30 800	50.0	53.8	29 800	58.3	55.2	28 200							24.0
26.0	22.9	45.1	29 200	29.3	47.5	28 700	37.0	50.0	27 800	43.4	51.9	26 900	52.6	53.8	25 400							26.0
28.0							28.0	46.8	25 200	35.9	49.4	24 400	46.3	52.0	23 100	54.8	53.5	21 700				28.0
30.0							14.5	41.4	23 000	26.6	46.0	22 300	39.2	49.8	21 100	48.8	51.8	19 800				30.0
32.0										11.4	39.8	20 400	30.8	46.9	19 300	42.1	49.8	18 200	50.9	51.3	17 100	32.0
34.0													19.4	42.4	17 800	34.3	47.2	16 800	44.4	49.4	15 700	34.0
36.0																24.4	43.5	15 500	37.1	47.0	14 600	36.0
38.0																			28.2	43.7	13 500	38.0

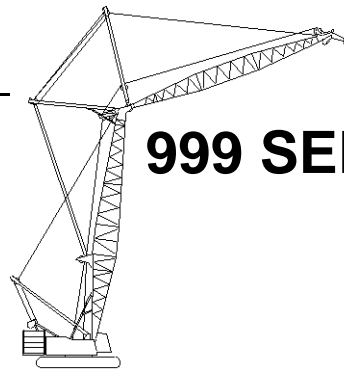


Liftcrane Luffing Jib Capacities

999 SERIES 2

Luffing Jib No. 149 With
Jib Backstay Pendants On
Boom No. 82
83 730 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, 27.4m (90 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib 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	72.1	61.9	55 700*b																			12.2
14.0	68.0	61.3	50 500*b	70.7	61.6	53 600*b																14.0
16.0	63.4	60.3	45 700*	66.1	60.8	48 400*b																16.0
18.0	58.6	59.2	41 700*	61.5	59.8	43 900*	65.6	60.5	44 500													18.0
20.0	53.5	57.8	38 200*	56.5	58.6	40 100	60.8	59.4	38 800	64.9	60.1	37 500										20.0
22.0	48.1	56.1	35 300*	51.3	57.1	35 500	55.9	58.2	34 300	60.2	59.0	33 200										22.0
24.0	42.1	54.1	32 300	45.7	55.2	31 700	50.6	56.6	30 700	55.2	57.7	29 700										24.0
26.0	35.3	51.5	29 200	39.4	53.0	28 600	44.9	54.8	27 700	49.9	56.1	26 800	57.3	57.6	25 200							26.0
28.0	27.0	48.1	26 500	32.1	50.1	26 000	38.5	52.5	25 200	44.1	54.2	24 300	52.2	56.1	22 900							28.0
30.0	14.8	42.6	23 400	22.7	46.1	23 800	31.0	49.5	23 000	37.6	51.8	22 200	46.6	54.4	20 900	54.2	55.8	19 700				30.0
32.0							21.3	45.3	21 100	29.9	48.7	20 400	40.4	52.2	19 200	48.8	54.1	18 100				32.0
34.0										19.6	44.2	18 800	33.3	49.4	17 700	42.9	52.1	16 600	50.7	53.6	15 600	34.0
36.0													24.4	45.7	16 400	36.2	49.6	15 400	45.0	51.7	14 400	36.0
38.0													9.3	38.7	15 200	28.2	46.4	14 300	38.6	49.4	13 300	38.0
40.0																			31.1	46.4	12 400	40.0
42.0																			21.4	42.2	11 600	42.0

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

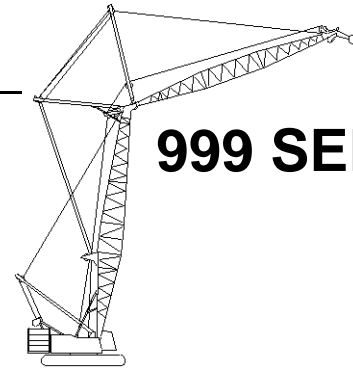
Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib 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	65.1	53 500*b																			12.2
14.0	70.3	64.5	49 100*b	72.7	64.9	52 100*b																14.0
16.0	66.3	63.7	44 500*	68.7	64.1	47 100*b																16.0
18.0	62.1	62.7	40 600*	64.6	63.2	42 900*	68.2	63.8	44 300													18.0
20.0	57.7	61.5	37 300*	60.3	62.2	39 200	64.0	62.9	38 600	67.6	63.4	37 300										20.0
22.0	53.1	60.1	34 400*	55.8	60.9	35 400	59.7	61.8	34 100	63.4	62.5	33 000										22.0
24.0	48.2	58.4	32 000*	51.1	59.4	31 500	55.2	60.5	30 500	59.1	61.3	29 400										24.0
26.0	42.8	56.4	29 100	46.0	57.5	28 400	50.5	58.9	27 500	54.6	60.0	26 500	61.0	61.2	25 000							26.0
28.0	36.9	53.9	26 400	40.4	55.4	25 800	45.3	57.1	25 000	49.8	58.4	24 100	56.5	59.9	22 700							28.0
30.0	29.9	50.8	24 200	34.1	52.7	23 600	39.7	54.8	22 800	44.6	56.5	22 000	51.9	58.4	20 700							30.0
32.0	20.9	46.5	22 200	26.5	49.1	21 700	33.2	52.1	21 000	38.9	54.2	20 200	46.8	56.7	19 000	53.7	58.1	17 800				32.0
34.0							25.4	48.4	19 300	32.3	51.3	18 600	41.4	54.5	17 500	48.8	56.4	16 400				34.0
36.0							13.7	42.5	17 900	24.1	47.5	17 300	35.2	51.9	16 200	43.5	54.5	15 200	50.5	55.9	14 200	36.0
38.0										11.2	40.9	16 000	27.8	48.6	15 000	37.7	52.1	14 100	45.4	54.0	13 100	38.0
40.0													17.8	43.7	14 000	30.9	49.1	13 100	39.8	51.8	12 200	40.0
42.0																22.2	44.9	12 200	33.3	49.0	11 300	42.0
44.0																			25.5	45.3	10 500	44.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 149 With
Jib Backstay Pendants On
Boom No. 82
83 730 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



999 SERIES 2

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

Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib 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	68.3	52 000*b																			12.2
14.0	72.2	67.8	47 600*b																			14.0
16.0	68.6	67.0	43 400*	70.7	67.4	45 900*																16.0
18.0	64.8	66.1	39 700*	67.0	66.6	41 900*																18.0
20.0	61.0	65.1	36 500*	63.2	65.6	38 400*	66.5	66.3	38 500													20.0
22.0	56.9	63.9	33 700*	59.3	64.5	35 200	62.7	65.3	34 000	66.0	65.9	33 000										22.0
24.0	52.7	62.4	31 300*	55.2	63.2	31 500	58.8	64.2	30 500	62.2	64.9	29 400										24.0
26.0	48.2	60.7	29 100	50.9	61.7	28 400	54.7	62.8	27 400	58.2	63.7	26 500										26.0
28.0	43.4	58.7	26 400	46.3	59.8	25 800	50.3	61.2	25 000	54.1	62.3	24 100	59.9	63.5	22 600							28.0
30.0	38.1	56.4	24 100	41.3	57.7	23 600	45.7	59.4	22 800	49.7	60.7	22 000	55.9	62.2	20 600							30.0
32.0	32.1	53.4	21 900*	35.7	55.1	21 700	40.6	57.2	21 000	45.0	58.8	20 200	51.6	60.7	19 000	57.5	61.8	17 700				32.0
34.0	24.7	49.6	20 100*	29.2	51.9	20 000	34.9	54.6	19 300	39.9	56.6	18 600	47.0	59.0	17 500	53.3	60.4	16 300				34.0
36.0	14.1	43.7	18 200*	20.9	47.5	18 500	28.3	51.2	17 900	34.1	53.9	17 200	42.1	56.9	16 200	48.8	58.7	15 100				36.0
38.0							19.6	46.6	16 600	27.3	50.4	16 000	36.6	54.4	15 000	44.1	56.8	14 000				38.0
40.0										18.2	45.5	14 900	30.3	51.3	14 000	38.8	54.5	13 000	45.7	56.3	12 100	40.0
42.0													22.5	47.1	13 000	32.9	51.6	12 200	40.7	54.1	11 300	42.0
44.0													9.5	39.8	12 100	25.8	48.0	11 300	35.0	51.5	10 500	44.0
46.0																			28.4	48.2	9 800	46.0
48.0																			19.8	43.6	9 200	48.0

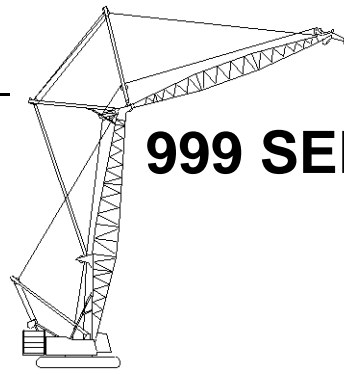


Liftcrane Luffing Jib Capacities

999 SERIES 2

Luffing Jib No. 149 With
Jib Backstay Pendants On
Boom No. 82
83 730 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

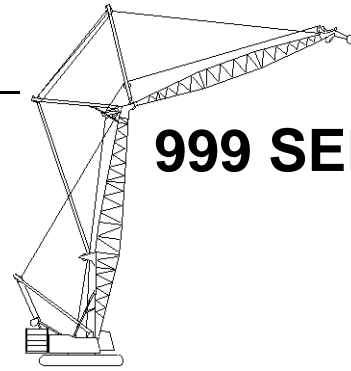
Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib 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	74.2	71.1	46 700*																			13.7
14.0	73.7	71.0	46 100*																			14.0
16.0	70.4	70.3	42 100*	72.4	70.6	44 500*																16.0
18.0	67.1	69.5	38 700*	69.0	69.9	40 800*																18.0
20.0	63.6	68.6	35 600*	65.6	69.0	37 500*	68.6	69.6	38 300													20.0
22.0	60.0	67.5	32 900*	62.1	68.0	34 500	65.2	68.7	33 900													22.0
24.0	56.3	66.2	30 600*	58.5	66.9	31 400	61.7	67.7	30 200	64.7	68.3	29 200										24.0
26.0	52.4	64.7	28 500	54.7	65.5	28 300	58.0	66.5	27 300	61.2	67.2	26 300										26.0
28.0	48.3	63.0	26 300	50.7	64.0	25 700	54.2	65.1	24 800	57.5	66.0	23 800										28.0
30.0	43.9	61.1	23 900	46.5	62.2	23 400	50.2	63.5	22 600	53.7	64.6	21 800	59.1	65.9	20 400							30.0
32.0	39.1	58.7	21 600*	42.0	60.1	21 500	46.0	61.7	20 800	49.7	63.0	20 000	55.3	64.5	18 700							32.0
34.0	33.8	56.0	19 700*	37.0	57.6	19 900	41.4	59.6	19 100	45.4	61.1	18 400	51.4	63.0	17 300	56.8	64.1	16 100				34.0
36.0	27.5	52.5	18 100*	31.3	54.6	18 400	36.3	57.0	17 700	40.7	58.9	17 100	47.2	61.3	15 900	52.9	62.7	14 800				36.0
38.0	19.4	47.8	17 000*	24.5	50.7	17 100	30.5	53.9	16 500	35.6	56.3	15 800	42.7	59.2	14 800	48.9	61.0	13 800				38.0
40.0							23.5	49.9	15 300	29.7	53.1	14 800	37.8	56.8	13 800	44.5	59.1	12 800	50.3	60.5	11 900	40.0
42.0							13.1	43.6	14 300	22.3	48.9	13 700	32.3	53.9	12 900	39.8	56.9	11 900	46.0	58.6	11 000	42.0
44.0										11.0	42.0	12 800	25.7	50.2	12 000	34.5	54.2	11 100	41.4	56.5	10 300	44.0
46.0													16.8	44.9	11 200	28.4	50.8	10 400	36.4	54.0	9 600	46.0
48.0																20.7	46.3	9 700	30.6	50.9	9 000	48.0
50.0																			23.6	46.8	8 400	50.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 149 With
Jib Backstay Pendants On
Boom No. 82
83 730 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



999 SERIES 2

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

Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib 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	74.2	42 800*																			13.7
14.0	75.0	74.1	42 600*																			14.0
16.0	72.0	73.5	41 100*																			16.0
18.0	68.9	72.8	37 800*	70.7	73.2	39 800*																18.0
20.0	65.8	71.9	34 800*	67.6	72.4	36 700*	70.3	72.9	38 200													20.0
22.0	62.5	70.9	32 300*	64.4	71.5	33 900*	67.2	72.1	33 700													22.0
24.0	59.2	69.8	30 000*	61.2	70.4	31 100	64.0	71.1	30 100													24.0
26.0	55.8	68.5	28 000*	57.8	69.2	28 100	60.7	70.1	27 100	63.6	70.7	26 100										26.0
28.0	52.2	67.0	26 100*	54.3	67.8	25 500	57.3	68.8	24 600	60.3	69.6	23 700										28.0
30.0	48.4	65.3	23 800*	50.6	66.3	23 300	53.8	67.4	22 500	56.9	68.4	21 600										30.0
32.0	44.3	63.4	21 500*	46.7	64.5	21 400	50.1	65.8	20 600	53.3	66.9	19 800	58.3	68.2	18 600							32.0
34.0	40.0	61.1	19 600*	42.6	62.4	19 800	46.2	64.0	19 000	49.6	65.3	18 300	54.8	66.9	17 100							34.0
36.0	35.2	58.5	17 900*	38.0	60.0	18 300	42.0	61.9	17 600	45.7	63.4	16 900	51.2	65.3	15 800	56.2	66.5	14 700				36.0
38.0	29.7	55.2	16 500*	33.0	57.1	17 000	37.4	59.4	16 300	41.4	61.3	15 700	47.3	63.6	14 700	52.6	65.0	13 600				38.0
40.0	23.0	51.1	15 500*	27.1	53.6	15 800	32.3	56.5	15 200	36.8	58.8	14 600	43.2	61.6	13 600	48.9	63.3	12 600				40.0
42.0	13.5	44.8	14 200*	19.6	48.8	14 700	26.3	52.9	14 200	31.5	55.8	13 600	38.8	59.2	12 700	44.9	61.4	11 700	50.2	62.8	10 900	42.0
44.0							18.5	47.9	13 300	25.3	52.0	12 700	33.8	56.4	11 900	40.5	59.2	11 000	46.3	60.9	10 100	44.0
46.0										17.1	46.7	11 900	28.1	53.0	11 100	35.8	56.6	10 200	42.1	58.8	9 400	46.0
48.0													21.0	48.5	10 400	30.4	53.5	9 600	37.5	56.4	8 800	48.0
50.0													9.6	40.9	9 700	24.0	49.5	9 000	32.3	53.5	8 200	50.0
52.0																			26.3	49.8	7 700	52.0
54.0																			18.6	44.8	7 200	54.0

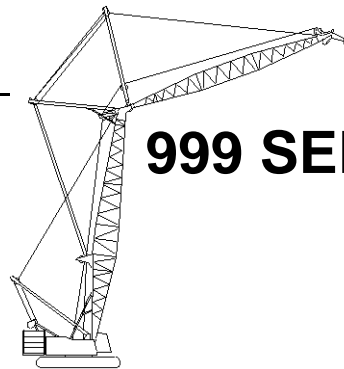


Liftcrane Luffing Jib Capacities

999 SERIES 2

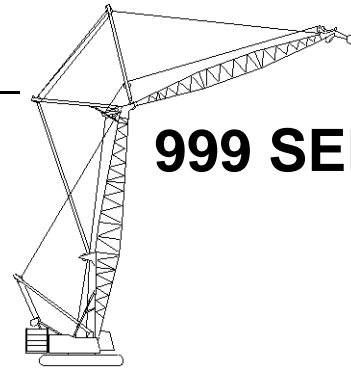
Luffing Jib No. 149 With
Jib Backstay Pendants On
Boom No. 82
83 730 kg Crane Counterweight
19 960 kg Carbody Counterweight
360 Degree Rating

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			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib 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	74.4	77.0	38 200*																			15.2
16.0	73.3	76.7	37 900*																			16.0
18.0	70.5	76.1	36 500*	72.2	76.4	38 500*																18.0
20.0	67.6	75.3	33 900*	69.3	75.7	35 700*																20.0
22.0	64.7	74.4	31 500*	66.4	74.8	33 000*	68.9	75.4	33 500													22.0
24.0	61.6	73.3	29 300*	63.4	73.9	30 700*	66.0	74.5	29 900													24.0
26.0	58.5	72.2	27 400*	60.3	72.8	27 900	63.0	73.5	26 900	65.6	74.1	25 900										26.0
28.0	55.3	70.8	25 600*	57.2	71.5	25 300	59.9	72.4	24 400	62.6	73.1	23 500										28.0
30.0	51.9	69.3	23 600*	53.9	70.1	23 100	56.8	71.2	22 300	59.5	72.0	21 400										30.0
32.0	48.4	67.6	21 300*	50.5	68.6	21 200	53.5	69.7	20 400	56.3	70.7	19 600	60.8	71.8	18 300							32.0
34.0	44.7	65.7	19 400*	46.9	66.8	19 600	50.0	68.1	18 800	53.0	69.2	18 100	57.7	70.6	16 900							34.0
36.0	40.7	63.5	17 800*	43.0	64.7	18 100	46.4	66.3	17 400	49.6	67.6	16 700	54.4	69.2	15 500							36.0
38.0	36.3	60.9	16 300*	38.9	62.4	16 800	42.5	64.2	16 200	45.9	65.8	15 500	51.0	67.6	14 400	55.7	68.8	13 300				38.0
40.0	31.4	57.9	15 100*	34.3	59.6	15 700	38.3	61.8	15 000	42.0	63.6	14 400	47.5	65.9	13 400	52.4	67.3	12 400				40.0
42.0	25.7	54.1	14 100*	29.2	56.3	14 600	33.7	59.0	14 000	37.8	61.2	13 400	43.7	63.9	12 500	48.9	65.6	11 500				42.0
44.0	18.4	49.0	13 400*	22.9	52.1	13 600	28.4	55.7	13 100	33.1	58.3	12 600	39.6	61.6	11 600	45.2	63.7	10 700	50.1	65.1	9 900	44.0
46.0							22.0	51.3	12 300	27.7	54.8	11 800	35.1	58.9	10 900	41.2	61.6	10 000	46.5	63.2	9 200	46.0
48.0							12.7	44.7	11 500	21.0	50.3	11 000	30.0	55.7	10 200	36.9	59.1	9 400	42.6	61.2	8 600	48.0
50.0										10.9	43.1	10 300	24.0	51.7	9 600	32.1	56.1	8 800	38.4	58.8	8 000	50.0
52.0													16.0	46.0	8 900	26.5	52.4	8 200	33.8	56.0	7 500	52.0
54.0																19.5	47.6	7 700	28.5	52.6	7 000	54.0
56.0																			22.1	48.3	6 600	56.0



Liftcrane Luffing Jib Capacities

999 SERIES 2

Luffing Jib No. 149 With
Jib Backstay Pendants On
Boom No. 82
83 730 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			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib 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	80.1	34 700*																			15.2
16.0	74.5	79.9	34 400*																			16.0
18.0	71.8	79.3	33 800*																			18.0
20.0	69.2	78.6	33 000*	70.7	78.9	34 700*																20.0
22.0	66.5	77.7	30 700*	68.1	78.1	32 200*																22.0
24.0	63.7	76.8	28 600*	65.3	77.3	30 000*	67.7	77.8	29 800													24.0
26.0	60.8	75.7	26 700*	62.5	76.3	27 900	65.0	76.9	26 800	67.3	77.4	25 800										26.0
28.0	57.9	74.5	25 100*	59.6	75.1	25 200	62.1	75.9	24 300	64.6	76.5	23 400										28.0
30.0	54.9	73.1	23 300*	56.7	73.9	23 100	59.3	74.8	22 200	61.8	75.5	21 300										30.0
32.0	51.7	71.6	21 300*	53.6	72.4	21 200	56.3	73.5	20 400	58.9	74.3	19 500	63.0	75.2	18 200							32.0
34.0	48.4	69.9	19 400*	50.4	70.9	19 500	53.2	72.0	18 700	55.9	73.0	18 000	60.1	74.1	16 800							34.0
36.0	45.0	68.0	17 800*	47.0	69.1	18 100	50.0	70.4	17 300	52.8	71.5	16 600	57.1	72.9	15 500							36.0
38.0	41.3	65.8	16 300*	43.5	67.1	16 800	46.6	68.6	16 100	49.5	69.9	15 400	54.1	71.5	14 300							38.0
40.0	37.3	63.3	15 100*	39.7	64.8	15 600	43.0	66.6	15 000	46.1	68.1	14 400	50.9	69.9	13 300	55.3	71.1	12 300				40.0
42.0	32.9	60.4	14 000*	35.5	62.1	14 600	39.1	64.2	14 000	42.5	66.0	13 400	47.6	68.2	12 400	52.2	69.6	11 400				42.0
44.0	27.8	57.0	13 100*	30.9	59.0	13 600	34.9	61.5	13 100	38.6	63.6	12 500	44.0	66.2	11 600	48.9	67.9	10 600				44.0
46.0	21.7	52.5	12 300*	25.4	55.2	12 800	30.2	58.3	12 200	34.3	60.8	11 700	40.3	63.9	10 800	45.4	66.1	10 000	50.0	67.4	9 100	46.0
48.0	13.1	45.9	11 500*	18.6	50.1	12 000	24.7	54.4	11 500	29.5	57.6	11 000	36.2	61.4	10 100	41.8	63.9	9 300	46.6	65.5	8 500	48.0
50.0							17.6	49.1	10 800	23.8	53.5	10 300	31.6	58.3	9 500	37.8	61.5	8 700	43.0	63.5	7 900	50.0
52.0										16.4	47.9	9 600	26.4	54.7	8 900	33.4	58.6	8 200	39.2	61.2	7 400	52.0
54.0													19.9	49.9	8 300	28.5	55.2	7 600	35.0	58.5	7 000	54.0
56.0													9.7	42.0	7 800	22.6	51.0	7 200	30.3	55.3	6 500	56.0
58.0																			24.8	51.4	6 100	58.0
60.0																			17.7	46.1	5 700	60.0

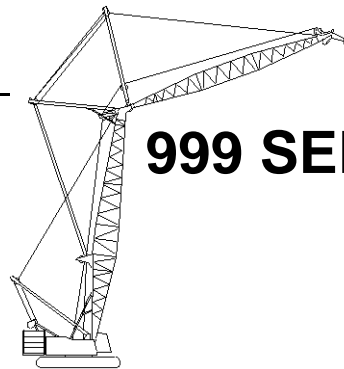


Liftcrane Luffing Jib Capacities

999 SERIES 2

Luffing Jib No. 149 With
Jib Backstay Pendants On
Boom No. 82
83 730 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

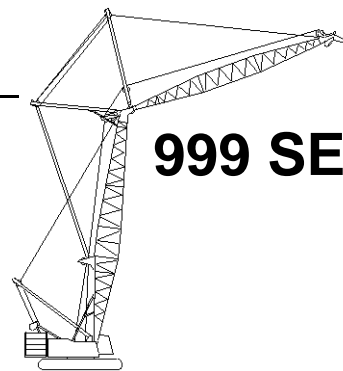
Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib 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	82.9	31 200*																			16.8
18.0	73.0	82.5	30 800*																			18.0
20.0	70.5	81.8	30 200*	72.0	82.1	33 600*																20.0
22.0	68.0	81.0	29 500*	69.5	81.4	31 300*																22.0
24.0	65.5	80.2	27 900*	67.0	80.6	29 200*	69.2	81.1	29 600													24.0
26.0	62.8	79.2	26 100*	64.4	79.7	27 300	66.6	80.3	26 600													26.0
28.0	60.1	78.1	24 400*	61.7	78.6	25 100	64.0	79.4	24 100	66.3	79.9	23 200										28.0
30.0	57.4	76.8	22 800*	59.0	77.5	22 900	61.4	78.3	22 000	63.7	78.9	21 100										30.0
32.0	54.5	75.5	21 000*	56.2	76.2	21 000	58.6	77.1	20 100	61.0	77.9	19 300										32.0
34.0	51.6	73.9	19 300*	53.3	74.8	19 300	55.8	75.8	18 500	58.3	76.7	17 800	62.1	77.6	16 500							34.0
36.0	48.5	72.2	17 700*	50.3	73.2	17 900	52.9	74.4	17 100	55.5	75.3	16 400	59.4	76.5	15 200							36.0
38.0	45.2	70.3	16 300*	47.2	71.4	16 600	49.9	72.7	15 900	52.5	73.9	15 200	56.7	75.2	14 100							38.0
40.0	41.8	68.2	15 000*	43.8	69.4	15 400	46.7	70.9	14 800	49.5	72.2	14 100	53.8	73.8	13 100							40.0
42.0	38.1	65.7	13 900*	40.3	67.1	14 400	43.4	68.9	13 800	46.3	70.4	13 200	50.8	72.2	12 200	54.9	73.4	11 200				42.0
44.0	34.1	63.0	12 900*	36.5	64.6	13 500	39.8	66.6	12 900	42.9	68.3	12 300	47.7	70.5	11 400	52.0	71.9	10 400				44.0
46.0	29.5	59.7	12 100*	32.3	61.6	12 600	36.0	64.0	12 000	39.3	66.0	11 500	44.4	68.5	10 600	48.9	70.2	9 700				46.0
48.0	24.3	55.7	11 400*	27.5	58.0	11 800	31.7	61.0	11 300	35.4	63.3	10 800	40.9	66.3	9 900	45.7	68.4	9 100	49.9	69.7	8 300	48.0
50.0	17.5	50.3	10 900*	21.7	53.6	11 100	26.8	57.3	10 600	31.1	60.2	10 100	37.1	63.8	9 300	42.2	66.3	8 500	46.8	67.8	7 700	50.0
52.0							20.9	52.7	10 000	26.1	56.5	9 500	33.0	60.9	8 700	38.6	63.9	7 900	43.4	65.8	7 200	52.0
54.0							12.4	45.8	9 400	19.9	51.6	8 900	28.3	57.4	8 200	34.6	61.1	7 400	39.9	63.5	6 700	54.0
56.0										10.8	44.1	8 400	22.7	53.2	7 700	30.2	57.9	7 000	36.0	60.9	6 300	56.0
58.0													15.3	47.2	7 200	25.0	54.0	6 500	31.7	57.9	5 900	58.0
60.0																18.5	48.9	6 100	26.9	54.3	5 500	60.0
62.0																			20.9	49.7	5 100	62.0
64.0																			12.6	42.8	4 800	64.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 149 With
Jib Backstay Pendants On
Boom No. 82
83 730 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



999 SERIES 2

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

Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib 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	75.5	86.0	28 500*																			16.8
18.0	74.0	85.7	28 100*																			18.0
20.0	71.7	85.0	27 700*	73.1	85.3	32 000*																20.0
22.0	69.4	84.3	27 200*	70.8	84.7	30 600*																22.0
24.0	67.0	83.5	26 700*	68.4	83.9	28 500*																24.0
26.0	64.6	82.6	25 500*	66.0	83.1	26 700*	68.1	83.6	26 500													26.0
28.0	62.1	81.6	24 000*	63.5	82.1	24 900	65.7	82.7	24 000													28.0
30.0	59.5	80.4	22 400*	61.0	81.0	22 800	63.2	81.8	21 800	65.3	82.3	21 000										30.0
32.0	56.9	79.2	20 600*	58.4	79.8	20 800	60.7	80.7	20 000	62.9	81.3	19 100										32.0
34.0	54.2	77.8	19 000*	55.8	78.5	19 200	58.1	79.5	18 400	60.3	80.2	17 600										34.0
36.0	51.4	76.2	17 500*	53.1	77.1	17 700	55.5	78.1	17 000	57.8	79.0	16 300	61.4	80.0	15 100							36.0
38.0	48.5	74.5	16 200*	50.2	75.5	16 400	52.7	76.7	15 700	55.1	77.6	15 100	58.9	78.8	13 900							38.0
40.0	45.5	72.6	14 900*	47.3	73.7	15 300	49.9	75.0	14 600	52.3	76.2	14 000	56.2	77.5	12 900							40.0
42.0	42.2	70.5	13 800*	44.2	71.7	14 300	46.9	73.2	13 600	49.5	74.5	13 000	53.5	76.1	12 000							42.0
44.0	38.8	68.1	12 900*	40.8	69.5	13 300	43.7	71.2	12 700	46.5	72.7	12 100	50.7	74.5	11 200	54.6	75.7	10 200				44.0
46.0	35.1	65.4	12 000*	37.3	67.0	12 400	40.4	69.0	11 900	43.3	70.6	11 400	47.7	72.8	10 400	51.8	74.2	9 500				46.0
48.0	31.0	62.3	11 200*	33.4	64.1	11 700	36.8	66.4	11 200	39.9	68.4	10 600	44.7	70.8	9 800	48.9	72.5	8 900				48.0
50.0	26.3	58.6	10 600*	29.1	60.8	11 000	32.9	63.5	10 500	36.3	65.8	10 000	41.4	68.7	9 100	45.9	70.7	8 300	49.9	72.0	7 500	50.0
52.0	20.7	53.9	10 100*	24.1	56.7	10 300	28.5	60.1	9 800	32.4	62.8	9 300	37.9	66.2	8 600	42.7	68.6	7 800	46.9	70.2	7 000	52.0
54.0	12.8	47.0	9 300*	17.8	51.4	9 700	23.4	55.9	9 200	27.9	59.3	8 800	34.1	63.4	8 000	39.3	66.2	7 300	43.8	68.1	6 500	54.0
56.0							16.8	50.3	8 700	22.6	55.0	8 200	29.9	60.1	7 500	35.6	63.6	6 800	40.5	65.9	6 100	56.0
58.0										15.7	49.1	7 700	25.0	56.2	7 100	31.5	60.5	6 400	36.9	63.4	5 700	58.0
60.0													18.9	51.1	6 600	27.0	56.9	6 000	33.0	60.5	5 300	60.0
62.0													9.7	43.1	6 200	21.5	52.4	5 600	28.6	57.0	5 000	62.0
64.0																14.0	45.9	5 200	23.5	52.9	4 600	64.0
66.0																			16.9	47.3	4 300	66.0

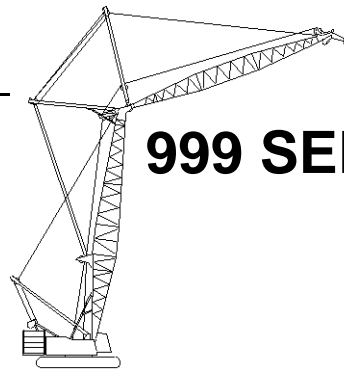


Liftcrane Luffing Jib Capacities

999 SERIES 2

Luffing Jib No. 149 With
Jib Backstay Pendants On
Boom No. 82
83 730 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, 54.9m (180 Ft.) Luffing Jib

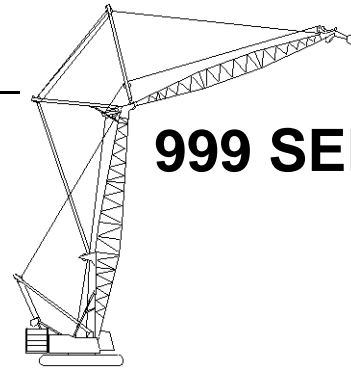
Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
18.3	74.6	88.8	25 600*																			18.3
20.0	72.8	88.3	25 300*																			20.0
22.0	70.6	87.6	24 900*	71.9	87.9	28 800*																22.0
24.0	68.3	86.8	24 500*	69.6	87.2	27 800*																24.0
26.0	66.1	86.0	24 100*	67.4	86.4	26 000*	69.4	86.9	26 200													26.0
28.0	63.7	85.0	23 400*	65.1	85.5	24 400	67.1	86.1	23 700													28.0
30.0	61.4	83.9	21 700*	62.8	84.5	22 600	64.8	85.2	21 600	66.8	85.7	20 700										30.0
32.0	59.0	82.8	20 100*	60.4	83.4	20 600	62.5	84.1	19 800	64.5	84.7	19 000										32.0
34.0	56.5	81.5	18 700*	57.9	82.2	19 000	60.1	83.0	18 200	62.1	83.7	17 400										34.0
36.0	53.9	80.1	17 300*	55.4	80.8	17 500	57.6	81.8	16 800	59.8	82.6	16 000										36.0
38.0	51.3	78.5	16 000*	52.8	79.4	16 200	55.1	80.5	15 500	57.3	81.3	14 800	60.8	82.4	13 700							38.0
40.0	48.5	76.8	14 900*	50.2	77.8	15 100	52.5	79.0	14 400	54.8	80.0	13 800	58.3	81.2	12 700							40.0
42.0	45.7	74.9	13 800*	47.4	76.0	14 100	49.8	77.3	13 400	52.1	78.5	12 800	55.8	79.9	11 800							42.0
44.0	42.6	72.8	12 800*	44.4	74.0	13 100	47.0	75.5	12 500	49.4	76.8	11 900	53.3	78.4	11 000							44.0
46.0	39.4	70.5	11 900*	41.3	71.8	12 300	44.0	73.5	11 700	46.6	75.0	11 100	50.6	76.8	10 200	54.3	78.1	9 300				46.0
48.0	36.0	67.9	11 200*	38.0	69.4	11 500	40.9	71.3	11 000	43.6	73.0	10 400	47.8	75.1	9 500	51.6	76.5	8 700				48.0
50.0	32.2	64.9	10 500*	34.5	66.6	10 800	37.6	68.8	10 300	40.5	70.7	9 700	44.9	73.1	8 900	48.9	74.8	8 100				50.0
52.0	28.0	61.4	9 900*	30.5	63.4	10 100	34.0	66.0	9 600	37.1	68.2	9 100	41.8	71.0	8 300	46.0	73.0	7 500	49.8	74.3	6 800	52.0
54.0	23.1	57.1	9 400*	26.1	59.6	9 600	30.0	62.8	9 100	33.5	65.3	8 600	38.6	68.6	7 800	43.0	70.9	7 100	47.0	72.5	6 300	54.0
56.0	16.9	51.5	8 800*	20.7	54.9	9 000	25.4	58.9	8 500	29.4	62.0	8 100	35.1	65.9	7 300	39.9	68.6	6 600	44.1	70.5	5 800	56.0
58.0							19.9	54.0	8 000	24.8	58.0	7 600	31.2	62.8	6 900	36.5	66.0	6 100	41.0	68.3	5 500	58.0
60.0							12.2	46.9	7 500	19.1	52.9	7 100	26.8	59.1	6 400	32.7	63.1	5 700	37.6	65.8	5 100	60.0
62.0										10.7	45.2	6 700	21.7	54.6	6 000	28.6	59.7	5 400	34.0	63.0	4 700	62.0
64.0													14.8	48.4	5 600	23.8	55.5	5 000	30.1	59.7	4 400	64.0
66.0																17.8	50.1	4 700	25.5	55.9	4 100	66.0
68.0																			20.0	51.0	3 800	68.0
70.0																			12.3	43.9	3 500	70.0



Liftcrane Luffing Jib Capacities

**Luffing Jib No. 149 With
Jib Backstay Pendants On
Boom No. 82
83 730 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



999 SERIES 2

33.5m (110 Ft.) Boom, 57.9m (190 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
18.3	75.5	91.9	23 000*																			18.3
20.0	73.7	91.4	22 800*																			20.0
22.0	71.6	90.8	22 600*	72.8	91.1	25 800*																22.0
24.0	69.5	90.1	22 300*	70.8	90.4	25 600*																24.0
26.0	67.4	89.3	21 900*	68.6	89.7	25 300*	70.5	90.1	24 600													26.0
28.0	65.2	88.4	21 500*	66.5	88.8	23 800*	68.4	89.4	23 800													28.0
30.0	63.0	87.4	21 000*	64.3	87.9	22 300	66.2	88.5	21 500													30.0
32.0	60.8	86.3	19 700*	62.1	86.9	20 500	64.0	87.6	19 700	65.9	88.1	18 800										32.0
34.0	58.5	85.1	18 400*	59.8	85.7	18 900	61.8	86.5	18 100	63.7	87.1	17 300										34.0
36.0	56.1	83.8	17 100*	57.5	84.5	17 400	59.5	85.4	16 700	61.5	86.1	15 900										36.0
38.0	53.7	82.4	15 900*	55.1	83.2	16 200	57.2	84.1	15 400	59.2	84.9	14 700										38.0
40.0	51.2	80.8	14 800*	52.6	81.7	15 000	54.8	82.8	14 400	56.9	83.7	13 700	60.2	84.7	12 600							40.0
42.0	48.6	79.1	13 800*	50.1	80.1	14 000	52.3	81.3	13 300	54.5	82.3	12 700	57.9	83.5	11 700							42.0
44.0	45.8	77.2	12 800*	47.4	78.3	13 100	49.8	79.6	12 400	52.0	80.8	11 800	55.5	82.2	10 900							44.0
46.0	43.0	75.2	12 000*	44.7	76.3	12 200	47.1	77.8	11 600	49.4	79.1	11 100	53.0	80.7	10 100	56.4	81.8	9 200				46.0
48.0	40.0	72.9	11 200*	41.8	74.2	11 400	44.3	75.9	10 900	46.7	77.3	10 300	50.5	79.1	9 500	54.0	80.4	8 600				48.0
50.0	36.8	70.3	10 500*	38.7	71.8	10 700	41.4	73.7	10 200	43.9	75.3	9 700	47.9	77.4	8 800	51.5	78.8	8 000				50.0
52.0	33.3	67.4	9 900*	35.4	69.1	10 100	38.3	71.2	9 600	41.0	73.1	9 100	45.1	75.5	8 200	48.9	77.1	7 400	52.4	78.2	6 700	52.0
54.0	29.5	64.1	9 300*	31.7	66.0	9 500	34.9	68.5	9 000	37.8	70.6	8 500	42.2	73.3	7 700	46.2	75.3	7 000	49.8	76.6	6 200	54.0
56.0	25.1	60.2	8 800*	27.7	62.5	8 900	31.3	65.4	8 400	34.4	67.8	8 000	39.2	71.0	7 200	43.4	73.2	6 500	47.1	74.8	5 700	56.0
58.0	19.8	55.2	8 300*	23.0	58.2	8 400	27.2	61.8	7 900	30.7	64.6	7 500	35.9	68.3	6 800	40.4	71.0	6 100	44.4	72.8	5 400	58.0
60.0	12.5	48.1	7 200*	17.2	52.6	7 900	22.4	57.3	7 400	26.6	60.9	7 000	32.3	65.3	6 400	37.2	68.5	5 600	41.4	70.6	5 000	60.0
62.0							16.2	51.5	7 000	21.6	56.4	6 600	28.4	61.9	5 900	33.8	65.6	5 300	38.3	68.2	4 600	62.0
64.0							5.2	40.5	6 600	15.2	50.2	6 200	23.8	57.7	5 600	30.0	62.3	4 900	35.0	65.4	4 300	64.0
66.0													18.2	52.4	5 200	25.7	58.5	4 600	31.3	62.3	4 000	66.0
68.0													9.8	44.2	4 900	20.6	53.7	4 300	27.2	58.7	3 700	68.0
70.0																13.7	47.1	4 000	22.4	54.3	3 400	70.0
72.0																			16.3	48.5	3 200	72.0

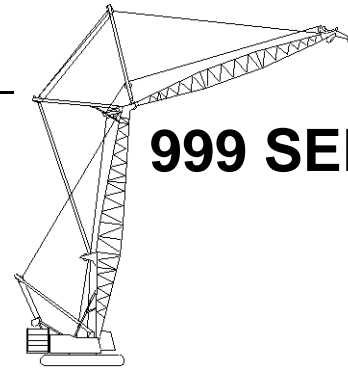


Liftcrane Luffing Jib Capacities

999 SERIES 2

Luffing Jib No. 149 With
Jib Backstay Pendants On
Boom No. 82
83 730 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, 61.0m (200 Ft.) Luffing Jib

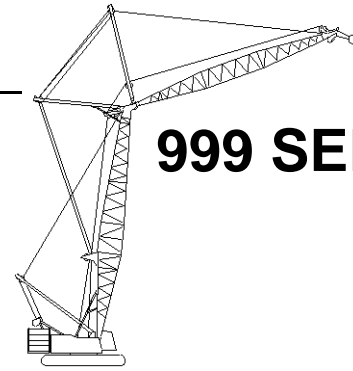
Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m			
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms				
19.8	74.7	94.7	20 700*																			19.8			
20.0	74.5	94.6	20 700*																			20.0			
22.0	72.6	94.0	20 400*																			22.0			
24.0	70.6	93.3	20 200*	71.8	93.7	23 100*																24.0			
26.0	68.6	92.6	19 900*	69.8	92.9	22 900*																26.0			
28.0	66.5	91.7	19 700*	67.7	92.2	22 700*	69.5	92.6	22 100*													28.0			
30.0	64.5	90.8	19 400*	65.7	91.3	21 800*	67.5	91.8	21 300													30.0			
32.0	62.4	89.8	19 000*	63.6	90.3	20 400	65.4	91.0	19 500	67.2	91.4	18 600										32.0			
34.0	60.2	88.7	17 800*	61.5	89.3	18 700	63.3	90.0	17 900	65.1	90.5	17 100										34.0			
36.0	58.0	87.5	16 700*	59.3	88.1	17 200	61.2	88.9	16 500	63.1	89.5	15 700										36.0			
38.0	55.8	86.1	15 600*	57.1	86.8	16 000	59.0	87.7	15 200	60.9	88.5	14 500										38.0			
40.0	53.4	84.7	14 500*	54.8	85.5	14 800	56.8	86.5	14 100	58.7	87.3	13 500	61.8	88.2	12 300							40.0			
42.0	51.1	83.1	13 600*	52.5	84.0	13 800	54.5	85.1	13 100	56.5	86.0	12 500	59.7	87.1	11 500							42.0			
44.0	48.6	81.4	12 700*	50.0	82.4	12 900	52.2	83.6	12 200	54.2	84.6	11 600	57.4	85.9	10 600							44.0			
46.0	46.0	79.6	11 900*	47.5	80.6	12 000	49.7	81.9	11 400	51.8	83.1	10 900	55.2	84.5	9 900							46.0			
48.0	43.3	77.5	11 100*	44.9	78.6	11 200	47.2	80.1	10 700	49.4	81.4	10 100	52.8	83.0	9 200	56.1	84.1	8 300				48.0			
50.0	40.5	75.2	10 400*	42.2	76.5	10 500	44.6	78.2	10 000	46.8	79.6	9 500	50.4	81.4	8 600	53.7	82.7	7 700				50.0			
52.0	37.5	72.7	9 800*	39.3	74.2	9 900	41.8	76.0	9 400	44.2	77.6	8 900	47.9	79.7	8 000	51.4	81.1	7 200				52.0			
54.0	34.2	69.9	9 200*	36.2	71.5	9 300	38.9	73.6	8 800	41.4	75.4	8 300	45.3	77.8	7 500	48.9	79.4	6 700	52.2	80.5	5 900	54.0			
56.0	30.7	66.7	8 700*	32.8	68.6	8 700	35.7	71.0	8 300	38.5	73.0	7 800	42.6	75.7	7 000	46.3	77.6	6 300	49.8	78.9	5 500	56.0			
58.0	26.7	63.0	8 100*	29.1	65.2	8 200	32.4	68.0	7 800	35.3	70.3	7 300	39.7	73.4	6 600	43.7	75.6	5 800	47.2	77.1	5 100	58.0			
60.0	22.1	58.6	7 600*	24.9	61.2	7 700	28.6	64.5	7 300	31.9	67.2	6 900	36.7	70.8	6 100	40.9	73.3	5 400	44.6	75.1	4 700	60.0			
62.0	16.3	52.7	6 900*	19.9	56.3	7 300	24.3	60.4	6 800	28.1	63.7	6 400	33.4	67.9	5 700	37.9	70.9	5 100	41.8	72.9	4 400	62.0			
64.0	6.4	42.4	5 400*	13.1	49.4	6 600	19.2	55.3	6 400	23.7	59.5	6 000	29.7	64.6	5 300	34.7	68.1	4 700	38.9	70.6	4 100	64.0			
66.0							12.0	48.0	6 000	18.4	54.2	5 700	25.6	60.7	5 000	31.2	65.0	4 400	35.8	67.9	3 800	66.0			
68.0										10.7	46.3	5 300				20.8	55.9	4 700	27.3	61.3	4 100	32.4	64.9	3 500	68.0
70.0																14.4	49.5	4 400	22.8	57.0	3 800	28.7	61.5	3 200	70.0
72.0																			17.2	51.4	3 500	24.4	57.4	2 900	72.0
74.0																						19.2	52.3	2 700	74.0
76.0																						12.1	45.0	2 500	76.0



Liftcrane Luffing Jib Capacities

**Luffing Jib No. 149 With
Jib Backstay Pendants On
Boom No. 82
83 730 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



999 SERIES 2

33.5m (110 Ft.) Boom, 64.0m (210 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
19.8	75.5	97.8	18 800*																			19.8
20.0	75.3	97.8	18 800*																			20.0
22.0	73.4	97.2	18 600*																			22.0
24.0	71.6	96.6	18 300*	72.7	96.9	20 900*																24.0
26.0	69.7	95.8	18 100*	70.8	96.2	20 700*																26.0
28.0	67.7	95.1	17 900*	68.9	95.4	20 500*																28.0
30.0	65.8	94.2	17 700*	66.9	94.6	20 300*	68.6	95.1	19 800*													30.0
32.0	63.8	93.2	17 500*	65.0	93.7	20 000*	66.7	94.3	19 300													32.0
34.0	61.8	92.2	17 100*	63.0	92.7	18 600	64.7	93.4	17 700	66.4	93.9	16 900										34.0
36.0	59.7	91.0	16 200*	60.9	91.6	17 100	62.7	92.4	16 300	64.4	93.0	15 600										36.0
38.0	57.6	89.8	15 200*	58.8	90.5	15 800	60.7	91.3	15 100	62.4	91.9	14 300										38.0
40.0	55.5	88.5	14 300*	56.7	89.2	14 700	58.6	90.1	14 000	60.4	90.8	13 300										40.0
42.0	53.2	87.0	13 400*	54.5	87.8	13 600	56.4	88.8	13 000	58.3	89.6	12 300	61.2	90.6	11 300							42.0
44.0	51.0	85.4	12 500*	52.3	86.3	12 700	54.3	87.4	12 100	56.2	88.3	11 500	59.2	89.5	10 500							44.0
46.0	48.6	83.7	11 800*	50.0	84.7	11 900	52.0	85.9	11 300	54.0	86.9	10 700	57.1	88.2	9 700							46.0
48.0	46.2	81.9	11 100*	47.6	82.9	11 100	49.7	84.2	10 500	51.7	85.4	9 900	54.9	86.8	9 000							48.0
50.0	43.6	79.8	10 400*	45.1	81.0	10 400	47.3	82.4	9 800	49.4	83.7	9 300	52.7	85.3	8 400	55.7	86.4	7 600				50.0
52.0	40.9	77.6	9 700*	42.5	78.8	9 700	44.8	80.5	9 200	47.0	81.9	8 700	50.4	83.7	7 800	53.5	85.0	7 000				52.0
54.0	38.1	75.1	9 100*	39.8	76.5	9 100	42.2	78.4	8 600	44.4	79.9	8 200	48.0	82.0	7 300	51.3	83.4	6 500				54.0
56.0	35.1	72.4	8 500*	36.9	74.0	8 600	39.4	76.0	8 100	41.8	77.8	7 600	45.5	80.1	6 800	48.9	81.7	6 100				56.0
58.0	31.8	69.3	7 900*	33.7	71.1	8 000	36.5	73.4	7 600	39.0	75.4	7 100	42.9	78.0	6 400	46.5	79.9	5 600	49.7	81.2	4 900	58.0
60.0	28.2	65.8	7 300*	30.3	67.9	7 600	33.3	70.5	7 100	36.1	72.7	6 700	40.2	75.7	6 000	43.9	77.9	5 200	47.3	79.4	4 600	60.0
62.0	24.0	61.7	6 800*	26.5	64.1	7 100	29.9	67.2	6 700	32.9	69.8	6 300	37.3	73.2	5 600	41.3	75.7	4 900	44.8	77.4	4 200	62.0
64.0	19.1	56.5	6 300*	22.1	59.6	6 600*	26.0	63.4	6 300	29.4	66.4	5 900	34.2	70.4	5 200	38.5	73.3	4 500	42.2	75.3	3 900	64.0
66.0	12.3	49.2	5 400*	16.6	53.8	6 100*	21.5	58.7	5 900	25.4	62.5	5 500	30.9	67.2	4 900	35.5	70.6	4 200	39.4	72.9	3 600	66.0
68.0							15.8	52.7	5 500	20.8	57.7	5 200	27.1	63.5	4 500	32.2	67.5	3 900	36.5	70.3	3 300	68.0
70.0							5.9	41.9	4 900	14.8	51.4	4 800	22.9	59.2	4 200	28.6	64.1	3 600	33.3	67.4	3 000	70.0
72.0													17.6	53.7	3 900	24.6	60.0	3 300	29.9	64.1	2 800	72.0
74.0													9.8	45.2	3 600	19.8	55.0	3 100	26.0	60.3	2 600	74.0
76.0																13.4	48.2	2 800	21.5	55.7	2 300	76.0
78.0																			15.8	49.7	2 100	78.0

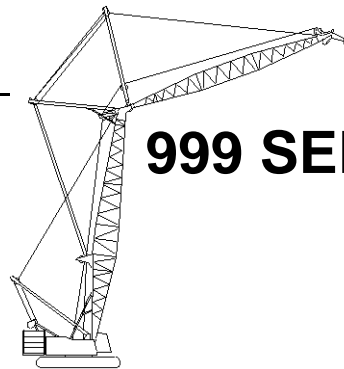


Liftcrane Luffing Jib Capacities

999 SERIES 2

Luffing Jib No. 149 With
Jib Backstay Pendants On
Boom No. 82
83 730 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, 67.1m (220 Ft.) Luffing Jib

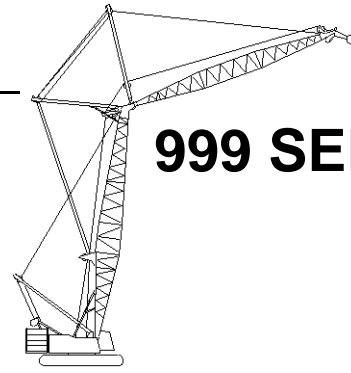
Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
21.3	74.8	100.6	16 900*																			21.3
22.0	74.2	100.4	16 800*																			22.0
24.0	72.4	99.8	16 600*																			24.0
26.0	70.6	99.1	16 400*	71.7	99.4	18 800*																26.0
28.0	68.8	98.3	16 200*	69.9	98.7	18 500*																28.0
30.0	66.9	97.5	16 000*	68.0	97.9	18 300*	69.6	98.4	17 800*													30.0
32.0	65.1	96.6	15 700*	66.2	97.1	18 100*	67.8	97.6	17 600*													32.0
34.0	63.2	95.6	15 500*	64.3	96.1	17 800	65.9	96.7	17 400	67.5	97.2	16 700										34.0
36.0	61.2	94.6	15 300*	62.4	95.1	17 000	64.0	95.8	16 200	65.7	96.3	15 300										36.0
38.0	59.3	93.4	14 700*	60.4	94.0	15 600	62.1	94.8	14 900	63.8	95.4	14 200										38.0
40.0	57.2	92.1	13 900*	58.4	92.8	14 500	60.2	93.6	13 800	61.9	94.3	13 100										40.0
42.0	55.2	90.8	13 100*	56.4	91.5	13 400	58.2	92.4	12 800	59.9	93.2	12 100										42.0
44.0	53.1	89.3	12 300*	54.3	90.1	12 500	56.1	91.1	11 900	57.9	92.0	11 200	60.7	93.0	10 200							44.0
46.0	50.9	87.7	11 600*	52.2	88.6	11 700	54.0	89.7	11 100	55.8	90.7	10 500	58.7	91.8	9 500							46.0
48.0	48.6	86.0	10 900*	49.9	87.0	10 900	51.9	88.2	10 300	53.7	89.2	9 700	56.7	90.5	8 800							48.0
50.0	46.3	84.2	10 300*	47.7	85.2	10 200	49.7	86.5	9 700	51.6	87.7	9 100	54.6	89.1	8 200							50.0
52.0	43.9	82.1	9 500*	45.3	83.3	9 600	47.4	84.7	9 000	49.4	86.0	8 500	52.5	87.7	7 600	55.4	88.8	6 800				52.0
54.0	41.3	79.9	8 800*	42.8	81.2	9 000	45.0	82.8	8 400	47.0	84.2	7 900	50.3	86.0	7 100	53.3	87.3	6 300				54.0
56.0	38.6	77.5	8 200*	40.2	78.9	8 400	42.5	80.7	7 900	44.7	82.2	7 400	48.0	84.3	6 600	51.2	85.7	5 800				56.0
58.0	35.8	74.9	7 600*	37.5	76.4	7 900	39.9	78.4	7 400	42.2	80.1	7 000	45.7	82.4	6 200	48.9	84.0	5 400	51.9	85.1	4 700	58.0
60.0	32.7	71.9	7 100*	34.5	73.6	7 400	37.1	75.8	6 900	39.5	77.8	6 500	43.2	80.3	5 800	46.6	82.2	5 000	49.7	83.5	4 300	60.0
62.0	29.4	68.5	6 600*	31.4	70.5	6 900	34.2	73.0	6 500	36.7	75.2	6 100	40.6	78.1	5 400	44.2	80.2	4 700	47.4	81.7	4 000	62.0
64.0	25.6	64.6	6 100*	27.9	66.9	6 400*	31.0	69.8	6 100	33.7	72.3	5 700	37.9	75.6	5 000	41.7	78.0	4 300	45.0	79.7	3 700	64.0
66.0	21.3	60.0	5 700*	23.9	62.7	5 900*	27.4	66.2	5 700	30.5	69.1	5 300	35.0	72.9	4 700	39.0	75.6	4 000	42.5	77.6	3 400	66.0
68.0	15.8	53.9	5 100*	19.2	57.6	5 500*	23.4	61.9	5 400	26.9	65.4	5 000	31.9	69.8	4 300	36.2	73.0	3 700	39.9	75.3	3 100	68.0
70.0	6.9	43.6	3 900*	12.9	50.5	4 900*	18.5	56.6	5 000	22.8	61.0	4 600	28.5	66.3	4 000	33.1	70.1	3 400	37.2	72.8	2 800	70.0
72.0							11.8	49.1	4 600	17.8	55.5	4 300	24.6	62.2	3 800	29.8	66.8	3 200	34.2	69.9	2 600	72.0
74.0										10.6	47.4	4 000	20.0	57.3	3 500	26.2	63.0	2 900	31.0	66.8	2 300	74.0
76.0													14.1	50.6	3 200	21.9	58.4	2 700	27.5	63.1	2 100	76.0
78.0																16.6	52.6	2 400	23.4	58.9	1 900	78.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 149 With
Jib Backstay Pendants On
Boom No. 82
83 730 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



999 SERIES 2

33.5m (110 Ft.) Boom, 70.1m (230 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
21.3	75.5	103.7	15 900*																21.3
22.0	74.9	103.6	15 800*																22.0
24.0	73.2	103.0	15 600*																24.0
26.0	71.5	102.3	15 400*	72.5	102.6	17 800*													26.0
28.0	69.8	101.6	15 200*	70.8	101.9	17 600*													28.0
30.0	68.0	100.8	15 000*	69.0	101.2	17 400*													30.0
32.0	66.2	100.0	14 800*	67.3	100.4	17 200*	68.8	100.9	17 000*										32.0
34.0	64.4	99.0	14 600*	65.5	99.5	17 000*	67.0	100.1	16 800										34.0
36.0	62.6	98.0	14 300*	63.7	98.5	16 600*	65.2	99.2	16 100	66.8	99.7	15 200							36.0
38.0	60.7	96.9	13 500*	61.8	97.5	15 500	63.4	98.2	14 700	65.0	98.8	14 000							38.0
40.0	58.8	95.7	12 700*	59.9	96.4	14 400	61.6	97.1	13 600	63.2	97.8	12 900							40.0
42.0	56.9	94.5	12 000*	58.0	95.1	13 300	59.7	96.0	12 600	61.3	96.7	12 000							42.0
44.0	54.9	93.1	11 400*	56.1	93.8	12 400	57.8	94.8	11 700	59.4	95.6	11 100							44.0
46.0	52.9	91.6	10 700*	54.1	92.4	11 500	55.8	93.5	10 900	57.5	94.3	10 300	60.2	95.4	9 300				46.0
48.0	50.8	90.0	10 100*	52.0	90.9	10 800	53.8	92.0	10 200	55.6	93.0	9 600	58.3	94.2	8 700				48.0
50.0	48.6	88.3	9 600*	49.9	89.3	10 100	51.8	90.5	9 500	53.5	91.5	9 000	56.4	92.9	8 100				50.0
52.0	46.4	86.5	9 000*	47.7	87.5	9 400	49.6	88.8	8 900	51.5	90.0	8 400	54.4	91.5	7 500	57.1	92.4	6 600	52.0
54.0	44.1	84.5	8 500*	45.5	85.6	8 800	47.4	87.0	8 300	49.3	88.3	7 800	52.3	90.0	7 000	55.2	91.1	6 100	54.0
56.0	41.7	82.3	8 000*	43.1	83.5	8 300	45.2	85.1	7 800	47.1	86.5	7 300	50.2	88.3	6 500	53.1	89.6	5 700	56.0
58.0	39.1	79.9	7 500*	40.6	81.2	7 700	42.8	83.0	7 300	44.8	84.5	6 800	48.1	86.6	6 100	51.1	88.0	5 300	58.0
60.0	36.5	77.3	6 900*	38.0	78.8	7 200	40.3	80.7	6 800	42.5	82.4	6 400	45.8	84.7	5 600	48.9	86.3	4 900	60.0
62.0	33.6	74.4	6 400*	35.3	76.1	6 700*	37.7	78.2	6 400	40.0	80.1	5 900	43.5	82.6	5 200	46.7	84.5	4 500	62.0
64.0	30.5	71.2	5 900*	32.3	73.0	6 200*	34.9	75.5	6 000	37.3	77.6	5 600	41.0	80.4	4 900	44.4	82.5	4 200	64.0
66.0	27.0	67.5	5 500*	29.1	69.6	5 700*	31.9	72.4	5 600	34.5	74.8	5 200	38.5	78.0	4 500	42.0	80.4	3 900	66.0
68.0	23.1	63.2	5 100*	25.5	65.7	5 300*	28.7	68.9	5 200	31.5	71.7	4 900	35.7	75.3	4 200	39.5	78.0	3 600	68.0
70.0	18.5	57.8	4 700*	21.3	61.0	4 900*	25.0	64.9	4 900	28.2	68.1	4 500	32.8	72.3	3 900	36.8	75.4	3 300	70.0
72.0	12.1	50.3	3 900*	16.1	55.0	4 500*	20.7	60.1	4 600	24.5	64.0	4 200	29.6	69.0	3 600	34.0	72.6	3 000	72.0
74.0							15.3	53.9	4 300	20.1	59.1	3 900	26.1	65.2	3 300	30.9	69.4	2 700	74.0
76.0							6.4	43.1	3 500	14.5	52.5	3 700	22.0	60.6	3 100	27.5	65.8	2 500	76.0
78.0													17.1	54.9	2 800	23.7	61.5	2 300	78.0
80.0													9.9	46.3	2 600	19.1	56.4	2 100	80.0
82.0																13.1	49.3	1 800	82.0

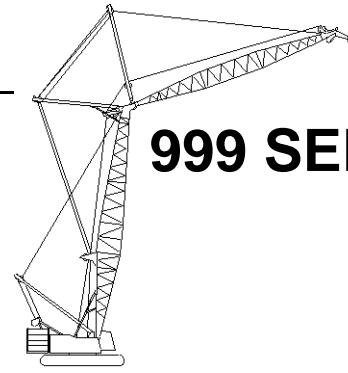


Liftcrane Luffing Jib Capacities

999 SERIES 2

Luffing Jib No. 149 With
Jib Backstay Pendants On
Boom No. 82
83 730 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, 73.2m (240 Ft.) Luffing Jib

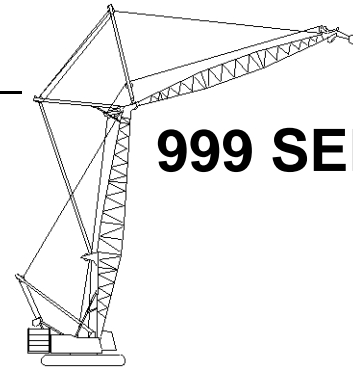
Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
22.9	74.9	106.5	14 300*																22.9
24.0	73.9	106.2	14 200*																24.0
26.0	72.3	105.5	14 000*	73.3	105.8	16 100*													26.0
28.0	70.6	104.9	13 800*	71.6	105.2	16 000*													28.0
30.0	69.0	104.1	13 600*	69.9	104.5	15 800*													30.0
32.0	67.3	103.3	13 400*	68.3	103.7	15 600*	69.7	104.2	15 400*										32.0
34.0	65.6	102.4	13 200*	66.6	102.8	15 400*	68.0	103.4	15 200*										34.0
36.0	63.8	101.4	13 100*	64.8	101.9	15 200*	66.3	102.5	15 100*										36.0
38.0	62.1	100.4	12 900*	63.1	100.9	15 000*	64.6	101.6	14 500	66.1	102.1	13 800							38.0
40.0	60.3	99.3	12 300*	61.3	99.9	14 200	62.9	100.6	13 500	64.4	101.2	12 700							40.0
42.0	58.4	98.1	11 600*	59.5	98.7	13 100	61.1	99.5	12 500	62.6	100.2	11 800							42.0
44.0	56.6	96.8	11 000*	57.7	97.5	12 200	59.3	98.4	11 600	60.8	99.1	10 900							44.0
46.0	54.7	95.4	10 400*	55.8	96.2	11 400	57.4	97.1	10 700	59.0	97.9	10 100	61.6	98.9	9 100				46.0
48.0	52.7	93.9	9 900*	53.9	94.7	10 600	55.5	95.8	10 000	57.2	96.6	9 400	59.8	97.7	8 500				48.0
50.0	50.7	92.3	9 400*	51.9	93.2	9 900	53.6	94.3	9 300	55.3	95.3	8 800	58.0	96.5	7 800				50.0
52.0	48.7	90.6	8 800*	49.9	91.6	9 200	51.6	92.8	8 700	53.4	93.8	8 200	56.1	95.2	7 200				52.0
54.0	46.5	88.8	8 400*	47.8	89.8	8 600	49.6	91.1	8 100	51.4	92.3	7 600	54.2	93.8	6 800	56.8	94.8	5 900	54.0
56.0	44.3	86.8	7 800*	45.6	87.9	8 100	47.5	89.3	7 600	49.3	90.6	7 100	52.2	92.3	6 300	54.9	93.4	5 500	56.0
58.0	42.0	84.6	7 200*	43.4	85.8	7 500*	45.3	87.4	7 100	47.2	88.8	6 600	50.2	90.6	5 800	53.0	91.9	5 100	58.0
60.0	39.6	82.3	6 700*	41.0	83.6	7 000*	43.1	85.3	6 600	45.0	86.9	6 200	48.1	88.9	5 400	51.0	90.3	4 700	60.0
62.0	37.1	79.7	6 200*	38.6	81.2	6 500*	40.7	83.1	6 200	42.8	84.8	5 800	46.0	87.0	5 000	48.9	88.6	4 300	62.0
64.0	34.3	76.9	5 700*	35.9	78.5	6 000*	38.2	80.6	5 800	40.4	82.5	5 300	43.7	85.0	4 700	46.8	86.8	4 000	64.0
66.0	31.4	73.8	5 200*	33.2	75.6	5 500*	35.6	77.9	5 400	37.9	80.0	5 000	41.4	82.8	4 300	44.6	84.8	3 600	66.0
68.0	28.3	70.3	4 900*	30.2	72.3	5 100*	32.8	75.0	5 100	35.2	77.3	4 700	39.0	80.4	4 000	42.3	82.7	3 300	68.0
70.0	24.7	66.2	4 500*	26.8	68.6	4 700*	29.7	71.6	4 700	32.4	74.2	4 300	36.4	77.8	3 700	39.9	80.4	3 000	70.0
72.0	20.6	61.3	4 100*	23.1	64.2	4 300*	26.4	67.8	4 400	29.3	70.9	4 000	33.6	74.9	3 400	37.4	77.9	2 800	72.0
74.0	15.4	55.1	3 600*	18.6	58.9	3 900*	22.6	63.4	4 100	25.9	67.0	3 700	30.6	71.6	3 100	34.7	75.1	2 600	74.0
76.0	7.2	44.8	2 500*	12.7	51.6	3 400*	18.0	57.9	3 800	22.0	62.4	3 500	27.4	68.0	2 900	31.8	72.0	2 300	76.0
78.0							11.7	50.1	3 500	17.2	56.7	3 200	23.7	63.7	2 600	28.7	68.5	2 100	78.0
80.0										10.6	48.4	2 900	19.4	58.6	2 400	25.2	64.5	1 900	80.0
82.0													13.8	51.8	2 200				82.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 149 With
Jib Backstay Pendants On
Boom No. 82
83 730 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



999 SERIES 2

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

Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	
12.2	67.0	58.5	59 800*b																			12.2
14.0	61.5	57.6	54 400*b	65.4	58.2	57 800*b																14.0
16.0	55.2	56.3	49 300*b	59.3	57.1	52 200*b																16.0
18.0	48.2	54.7	45 100*	52.7	55.7	46 200	59.0	56.8	44 600b													18.0
20.0	40.4	52.5	41 100	45.5	53.9	40 200	52.4	55.4	38 800	58.6	56.4	37 500b										20.0
22.0	30.9	49.6	36 300	37.2	51.5	35 600	45.1	53.5	34 400	52.0	55.0	33 200										22.0
24.0	17.0	44.9	31 100	26.7	48.2	31 800	36.7	51.1	30 800	44.7	53.1	29 700	55.7	55.0	28 000							24.0
26.0							26.1	47.7	27 700	36.2	50.7	26 800	48.8	53.4	25 200							26.0
28.0										25.4	47.2	24 300	41.1	51.4	22 900	52.4	53.3	21 500				28.0
30.0													31.8	48.5	20 900	45.2	51.5	19 600				30.0
32.0													18.6	44.1	19 200	36.8	49.1	18 000	48.6	51.1	16 800	32.0
34.0																26.2	45.7	16 600	40.8	49.0	15 500	34.0
36.0																			31.5	46.2	14 300	36.0
38.0																			18.2	41.6	13 200	38.0

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

Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	
12.2	70.0	61.8	57 900*b																			12.2
14.0	65.4	61.0	52 800*b	68.7	61.5	56 100*b																14.0
16.0	60.1	59.9	47 900*b	63.5	60.6	50 800*b																16.0
18.0	54.4	58.6	43 900*	58.0	59.4	45 700	63.2	60.3	44 400b													18.0
20.0	48.3	57.0	40 400	52.2	58.0	40 100	57.8	59.1	38 700	62.9	59.9	37 300b										20.0
22.0	41.5	54.9	36 300	45.9	56.2	35 400	52.0	57.7	34 200	57.5	58.7	33 000										22.0
24.0	33.7	52.2	32 400	38.8	53.9	31 700	45.6	55.9	30 600	51.6	57.3	29 500										24.0
26.0	23.5	48.4	29 200	30.4	50.9	28 600	38.5	53.6	27 600	45.2	55.4	26 600	54.9	57.4	25 000							26.0
28.0				18.6	46.3	25 900	29.9	50.5	25 100	38.0	53.1	24 200	48.8	55.7	22 700							28.0
30.0							17.8	45.8	22 900	29.3	50.0	22 100	42.1	53.7	20 700	52.0	55.6	19 400				30.0
32.0										16.9	45.1	20 300	34.4	51.1	19 000	45.7	53.8	17 800				32.0
34.0													24.5	47.4	17 500	38.5	51.5	16 400	48.7	53.4	15 200	34.0
36.0																30.0	48.5	15 100	42.0	51.4	14 100	36.0
38.0																17.9	43.7	14 000	34.2	48.7	13 100	38.0
40.0																			24.2	45.0	12 100	40.0

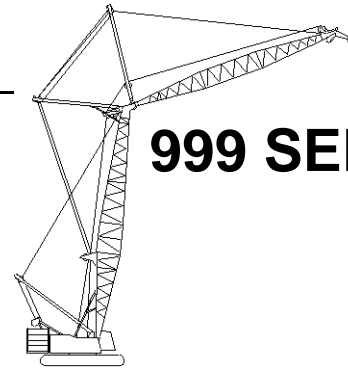


Liftcrane Luffing Jib Capacities

999 SERIES 2

Luffing Jib No. 149 With
Jib Backstay Pendants On
Boom No. 82
83 730 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, 27.4m (90 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib 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	72.3	65.0	56 100*b																			12.2
14.0	68.3	64.4	51 300*b	71.1	64.8	54 500*b																14.0
16.0	63.7	63.4	46 700*b	66.6	64.0	49 500*b																16.0
18.0	58.9	62.3	42 900*	62.0	63.0	45 200*	66.4	63.7	44 300b													18.0
20.0	53.8	60.9	39 500*	57.1	61.7	40 000	61.7	62.7	38 500	66.2	63.3	37 200b										20.0
22.0	48.4	59.3	36 300	51.9	60.3	35 400	56.8	61.5	34 100	61.5	62.3	32 900										22.0
24.0	42.4	57.2	32 300	46.3	58.5	31 600	51.6	60.0	30 500	56.5	61.1	29 400										24.0
26.0	35.7	54.7	29 200	40.1	56.3	28 500	46.0	58.2	27 500	51.3	59.6	26 500	59.3	61.0	24 800							26.0
28.0	27.5	51.3	26 500	32.9	53.5	25 900	39.8	55.9	25 000	45.7	57.7	24 100	54.2	59.7	22 600							28.0
30.0	15.7	46.1	23 800	23.9	49.7	23 700	32.5	53.1	22 900	39.4	55.5	22 000	48.9	58.0	20 600							30.0
32.0				7.6	42.2	21 700	23.4	49.2	21 000	32.1	52.6	20 200	43.0	56.0	18 900	51.7	57.9	17 600				32.0
34.0										22.8	48.6	18 600	36.3	53.6	17 400	46.1	56.1	16 200				34.0
36.0													28.3	50.3	16 100	39.8	53.9	15 000	48.7	55.7	13 900	36.0
38.0													17.0	45.3	14 900	32.6	51.1	13 900	42.8	53.7	12 900	38.0
40.0																23.5	47.2	12 900	36.1	51.2	12 000	40.0
42.0																			28.0	47.9	11 200	42.0
44.0																			16.6	42.8	10 400	44.0

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

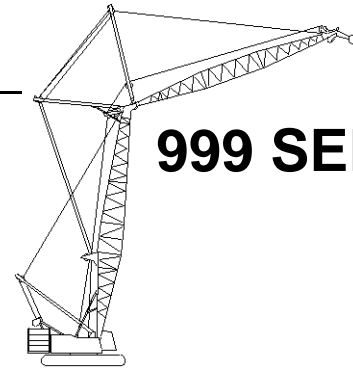
Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib 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	68.2	54 000*b																			12.2
14.0	70.6	67.6	49 600*b	73.1	68.0	52 600*b																14.0
16.0	66.5	66.8	45 400*	69.1	67.3	48 000*b																16.0
18.0	62.3	65.8	41 700*	65.0	66.4	44 000*																18.0
20.0	57.9	64.6	38 400*	60.7	65.3	39 800	64.8	66.1	38 300													20.0
22.0	53.3	63.2	35 600	56.3	64.1	35 200	60.5	65.0	33 900	64.6	65.7	32 700										22.0
24.0	48.4	61.6	32 300	51.6	62.6	31 500	56.1	63.8	30 300	60.3	64.7	29 200										24.0
26.0	43.1	59.6	29 100	46.6	60.8	28 400	51.4	62.3	27 300	55.8	63.4	26 300	62.7	64.5	24 600							26.0
28.0	37.2	57.1	26 400	41.1	58.6	25 800	46.3	60.5	24 800	51.1	61.9	23 900	58.3	63.4	22 300							28.0
30.0	30.3	54.1	24 000*	34.8	56.0	23 600	40.8	58.3	22 700	46.0	60.0	21 800	53.7	62.0	20 400							30.0
32.0	21.4	49.8	22 200	27.4	52.6	21 600	34.5	55.7	20 800	40.5	57.9	20 000	48.9	60.3	18 700	56.1	61.7	17 400				32.0
34.0				17.2	47.5	19 900	27.0	52.2	19 200	34.1	55.2	18 500	43.6	58.4	17 200	51.4	60.2	16 000				34.0
36.0							16.5	47.0	17 700	26.5	51.6	17 100	37.7	56.0	15 900	46.4	58.4	14 800				36.0
38.0										15.7	46.3	15 800	30.9	53.0	14 800	40.8	56.2	13 700	48.7	58.0	12 700	38.0
40.0													22.3	48.8	13 700	34.6	53.6	12 700	43.5	56.0	11 700	40.0
42.0																27.1	50.1	11 800	37.6	53.6	10 900	42.0
44.0																16.6	45.0	11 000	30.7	50.6	10 200	44.0
46.0																			22.1	46.4	9 500	46.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 149 With
Jib Backstay Pendants On
Boom No. 82
83 730 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



999 SERIES 2

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

Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib 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	71.4	49 700*b																			12.2
14.0	72.4	70.9	48 100*b																			14.0
16.0	68.8	70.1	44 200*	71.1	70.5	46 700*b																16.0
18.0	65.0	69.2	40 600*	67.4	69.7	42 900*																18.0
20.0	61.2	68.2	37 600*	63.6	68.8	39 500	67.2	69.5	38 300													20.0
22.0	57.2	67.0	34 900*	59.7	67.7	35 200	63.5	68.5	33 800													22.0
24.0	53.0	65.5	32 200	55.7	66.4	31 400	59.5	67.4	30 300	63.2	68.1	29 100										24.0
26.0	48.5	63.9	29 000	51.4	64.9	28 400	55.5	66.1	27 300	59.3	67.0	26 200										26.0
28.0	43.7	61.9	26 000*	46.8	63.1	25 700	51.2	64.6	24 800	55.2	65.7	23 800	61.5	66.9	22 200							28.0
30.0	38.4	59.5	23 500*	41.8	61.0	23 600	46.6	62.8	22 600	50.9	64.2	21 800	57.5	65.7	20 300							30.0
32.0	32.4	56.7	21 400*	36.3	58.5	21 600	41.6	60.7	20 800	46.3	62.4	20 000	53.3	64.3	18 600							32.0
34.0	25.2	52.9	19 800*	30.0	55.3	20 000	36.1	58.1	19 200	41.3	60.2	18 400	48.9	62.6	17 200	55.5	64.0	15 900				34.0
36.0	14.8	47.2	18 300*	22.0	51.1	18 500	29.6	54.9	17 800	35.7	57.6	17 100	44.1	60.7	15 900	51.2	62.5	14 700				36.0
38.0				8.2	43.3	17 100	21.5	50.6	16 500	29.2	54.4	15 800	38.9	58.4	14 700	46.6	60.7	13 700				38.0
40.0										21.0	50.0	14 800	33.0	55.5	13 700	41.6	58.6	12 700	48.8	60.3	11 700	40.0
42.0													25.8	51.9	12 800	36.1	56.1	11 800	44.0	58.3	10 900	42.0
44.0													15.9	46.5	11 900	29.7	52.9	11 000	38.7	56.0	10 100	44.0
46.0																21.6	48.6	10 300	32.8	53.2	9 500	46.0
48.0																			25.6	49.5	8 800	48.0
50.0																			15.6	44.0	8 200	50.0

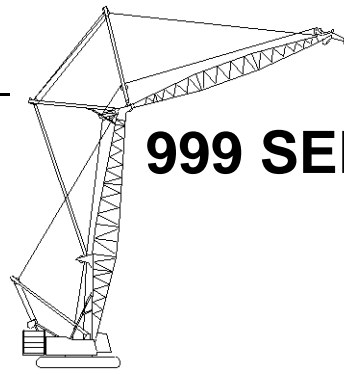


Liftcrane Luffing Jib Capacities

999 SERIES 2

Luffing Jib No. 149 With
Jib Backstay Pendants On
Boom No. 82
83 730 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

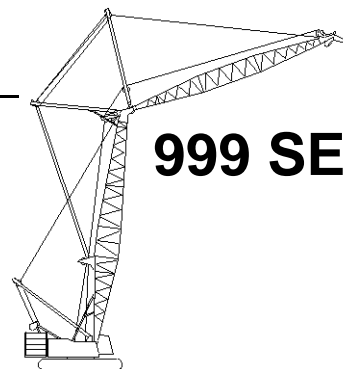
Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib 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	74.1	44 200*b																			13.7
14.0	73.9	74.0	44 100*b																			14.0
16.0	70.6	73.4	42 700*	72.7	73.7	45 100*b																16.0
18.0	67.2	72.6	39 500*	69.4	73.0	41 600*																18.0
20.0	63.8	71.7	36 500*	66.0	72.2	38 400	69.2	72.8	38 100													20.0
22.0	60.2	70.6	34 000*	62.5	71.2	35 100	65.8	71.9	33 600													22.0
24.0	56.5	69.3	31 600*	58.9	70.0	31 200	62.3	70.9	30 000	65.6	71.5	28 900										24.0
26.0	52.6	67.8	28 600*	55.1	68.7	28 200	58.7	69.8	27 100	62.1	70.5	26 000										26.0
28.0	48.5	66.2	25 700*	51.2	67.2	25 600	54.9	68.4	24 600	58.5	69.4	23 600										28.0
30.0	44.2	64.2	23 200*	47.0	65.4	23 400	51.0	66.9	22 500	54.7	68.0	21 500	60.5	69.3	20 100							30.0
32.0	39.4	61.9	21 000*	42.5	63.3	21 500	46.8	65.1	20 600	50.7	66.5	19 800	56.8	68.0	18 400							32.0
34.0	34.1	59.2	19 200*	37.5	60.9	19 800	42.3	63.0	19 000	46.5	64.7	18 200	53.0	66.6	16 900							34.0
36.0	27.9	55.8	17 800*	32.0	58.0	18 400	37.3	60.6	17 600	42.0	62.6	16 900	48.9	64.9	15 700	55.0	66.3	14 500				36.0
38.0	20.0	51.1	16 700*	25.3	54.2	17 100	31.7	57.6	16 300	37.0	60.1	15 700	44.5	63.0	14 500	51.0	64.8	13 400				38.0
40.0				16.2	48.7	15 800	24.9	53.8	15 200	31.3	57.1	14 600	39.8	60.8	13 500	46.8	63.0	12 400				40.0
42.0							15.6	48.1	14 200	24.5	53.2	13 600	34.6	58.1	12 600	42.3	60.9	11 600	48.8	62.6	10 600	42.0
44.0										14.9	47.4	12 700	28.4	54.7	11 700	37.3	58.5	10 800	44.4	60.7	9 900	44.0
46.0													20.7	50.2	11 000	31.7	55.5	10 100	39.7	58.4	9 200	46.0
48.0																25.0	51.7	9 500	34.4	55.7	8 600	48.0
50.0																15.7	46.1	8 800	28.3	52.3	8 100	50.0
52.0																			20.5	47.8	7 500	52.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 149 With
 Jib Backstay Pendants On
 Boom No. 82
 83 730 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



999 SERIES 2

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

Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib 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	77.3	40 300*b																			13.7
14.0	75.2	77.2	40 100*b																			14.0
16.0	72.2	76.6	39 100*																			16.0
18.0	69.1	75.9	38 100*	71.0	76.3	40 400*																18.0
20.0	65.9	75.0	35 700*	67.9	75.5	37 600*																20.0
22.0	62.7	74.0	33 200*	64.8	74.6	34 700	67.8	75.2	33 500													22.0
24.0	59.4	72.9	30 900*	61.5	73.6	31 100	64.6	74.3	29 900													24.0
26.0	55.9	71.6	28 100*	58.2	72.4	28 000	61.4	73.3	26 900	64.4	74.0	25 800										26.0
28.0	52.4	70.1	25 400*	54.7	71.0	25 400	58.0	72.1	24 500	61.2	72.9	23 400										28.0
30.0	48.6	68.5	23 000*	51.0	69.5	23 200	54.5	70.7	22 300	57.8	71.7	21 400										30.0
32.0	44.5	66.5	20 900*	47.1	67.7	21 400	50.8	69.2	20 500	54.3	70.3	19 600	59.7	71.6	18 200							32.0
34.0	40.2	64.3	19 000*	43.0	65.7	19 700	46.9	67.4	18 900	50.6	68.8	18 100	56.2	70.4	16 800							34.0
36.0	35.4	61.7	17 500*	38.5	63.3	18 300	42.8	65.3	17 500	46.7	67.0	16 700	52.7	68.9	15 500							36.0
38.0	30.0	58.5	16 200*	33.5	60.5	16 900	38.3	63.0	16 200	42.6	64.9	15 500	48.9	67.2	14 300	54.5	68.7	13 200				38.0
40.0	23.4	54.4	15 100*	27.8	57.0	15 800	33.3	60.1	15 100	38.0	62.5	14 500	44.9	65.3	13 300	50.9	67.1	12 300				40.0
42.0	14.2	48.3	14 200*	20.6	52.5	14 700	27.5	56.6	14 100	33.0	59.6	13 500	40.6	63.1	12 500	47.0	65.3	11 400				42.0
44.0				8.6	44.4	13 600	20.1	52.0	13 200	27.1	56.1	12 600	35.9	60.5	11 600	42.8	63.3	10 600	48.8	64.9	9 700	44.0
46.0										19.6	51.3	11 800	30.5	57.4	10 900	38.3	60.9	9 900	44.8	63.0	9 000	46.0
48.0													24.0	53.4	10 200	33.3	58.1	9 300	40.5	60.8	8 400	48.0
50.0													15.2	47.6	9 500	27.5	54.6	8 700	35.7	58.2	7 900	50.0
52.0																20.2	49.9	8 200	30.3	55.0	7 400	52.0
54.0																			23.9	51.0	6 900	54.0
56.0																			14.9	45.1	6 400	56.0

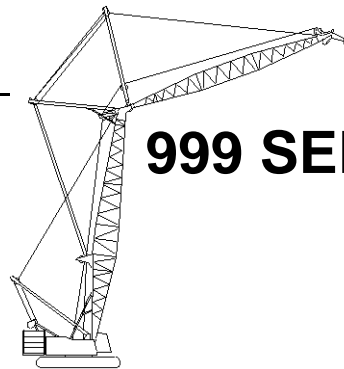


Liftcrane Luffing Jib Capacities

999 SERIES 2

Luffing Jib No. 149 With
Jib Backstay Pendants On
Boom No. 82
83 730 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

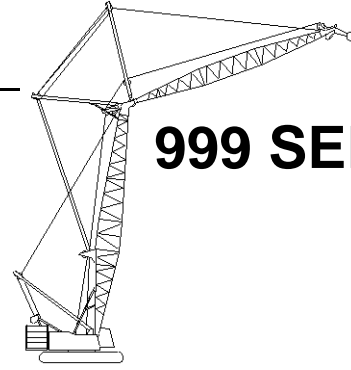
Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib 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	80.0	36 000*																			15.2
16.0	73.5	79.8	35 700*																			16.0
18.0	70.6	79.1	34 900*																			18.0
20.0	67.8	78.4	34 000*	69.6	78.8	36 400*																20.0
22.0	64.8	77.5	32 400*	66.7	78.0	33 900*	69.5	78.5	33 300													22.0
24.0	61.8	76.4	30 100*	63.7	77.0	31 000	66.6	77.7	29 700													24.0
26.0	58.7	75.3	27 500*	60.7	75.9	27 900	63.6	76.7	26 700	66.4	77.3	25 600										26.0
28.0	55.5	73.9	25 100*	57.5	74.7	25 200	60.5	75.7	24 200	63.4	76.4	23 200										28.0
30.0	52.1	72.5	22 900*	54.3	73.3	23 100	57.4	74.4	22 100	60.4	75.3	21 200										30.0
32.0	48.6	70.8	20 800*	50.9	71.8	21 200	54.1	73.0	20 300	57.2	74.0	19 400	62.1	75.1	18 000							32.0
34.0	44.9	68.8	19 000*	47.3	70.0	19 500	50.7	71.5	18 700	53.9	72.6	17 900	58.9	74.0	16 500							34.0
36.0	40.9	66.7	17 400*	43.5	68.0	18 100	47.1	69.7	17 300	50.5	71.1	16 500	55.7	72.7	15 300							36.0
38.0	36.6	64.1	16 000*	39.4	65.7	16 800	43.3	67.7	16 000	46.9	69.3	15 300	52.4	71.2	14 100							38.0
40.0	31.7	61.1	14 800*	34.9	63.0	15 600	39.2	65.3	14 900	43.1	67.2	14 200	48.9	69.5	13 100	54.1	71.0	12 000				40.0
42.0	26.0	57.4	13 900*	29.8	59.8	14 600	34.6	62.6	13 900	38.9	64.9	13 300	45.2	67.6	12 200	50.7	69.4	11 200				42.0
44.0	18.8	52.4	13 200*	23.7	55.7	13 600	29.5	59.4	13 000	34.4	62.1	12 400	41.2	65.5	11 400	47.1	67.6	10 400				44.0
46.0				15.4	49.9	12 700	23.3	55.2	12 200	29.2	58.8	11 600	36.9	63.0	10 600	43.3	65.6	9 700	48.8	67.2	8 800	46.0
48.0							14.9	49.3	11 400	22.9	54.7	10 900	32.1	60.0	9 900	39.2	63.3	9 100	45.1	65.3	8 200	48.0
50.0										14.3	48.5	10 200	26.6	56.4	9 300	34.7	60.6	8 500	41.1	63.1	7 600	50.0
52.0													19.5	51.5	8 700	29.5	57.3	7 900	36.8	60.6	7 100	52.0
54.0																23.4	53.2	7 400	32.0	57.6	6 700	54.0
56.0																15.0	47.3	6 900	26.4	54.0	6 200	56.0
58.0																			19.3	49.1	5 800	58.0



Liftcrane Luffing Jib Capacities

**Luffing Jib No. 149 With
Jib Backstay Pendants On
Boom No. 82
83 730 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



999 SERIES 2

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

Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m	
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib 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	83.2	32 900*																			15.2	
16.0	74.6	83.0	32 600*																			16.0	
18.0	72.0	82.4	32 000*																			18.0	
20.0	69.3	81.6	31 300*	71.0	82.0	35 300*																20.0	
22.0	66.6	80.8	30 600*	68.3	81.3	33 000*																22.0	
24.0	63.8	79.9	29 200*	65.6	80.4	30 700	68.2	81.0	29 600													24.0	
26.0	61.0	78.8	26 800*	62.8	79.4	27 800	65.5	80.1	26 600													26.0	
28.0	58.1	77.6	24 500*	59.9	78.3	25 200	62.7	79.1	24 100	65.3	79.8	23 100										28.0	
30.0	55.0	76.3	22 500*	57.0	77.0	23 000	59.8	78.0	22 000	62.5	78.8	21 100										30.0	
32.0	51.9	74.8	20 500*	53.9	75.6	21 100	56.8	76.8	20 200	59.6	77.6	19 300										32.0	
34.0	48.6	73.1	18 800*	50.7	74.1	19 400	53.8	75.4	18 600	56.7	76.4	17 800	61.2	77.5	16 400							34.0	
36.0	45.2	71.2	17 300*	47.4	72.3	18 000	50.6	73.8	17 200	53.6	75.0	16 400	58.3	76.3	15 200							36.0	
38.0	41.5	69.0	15 900*	43.9	70.3	16 700	47.2	72.0	16 000	50.4	73.4	15 200	55.3	75.0	14 000							38.0	
40.0	37.5	66.5	14 700*	40.1	68.1	15 600	43.7	70.0	14 900	47.0	71.6	14 200	52.2	73.5	13 000	56.9	74.7	11 900				40.0	
42.0	33.1	63.7	13 600*	36.0	65.4	14 500	39.9	67.7	13 900	43.5	69.6	13 200	48.9	71.8	12 100	53.8	73.3	11 100				42.0	
44.0	28.1	60.2	12 800*	31.4	62.4	13 600	35.7	65.1	13 000	39.7	67.3	12 300	45.5	70.0	11 300	50.6	71.7	10 300				44.0	
46.0	22.1	55.8	12 100*	26.1	58.7	12 700	31.1	62.0	12 100	35.5	64.6	11 500	41.8	67.8	10 600	47.3	69.9	9 600	52.1	71.2	8 700	46.0	
48.0	13.7	49.5	11 400*	19.5	53.8	11 900	25.8	58.2	11 400	30.9	61.5	10 800	37.8	65.4	9 900	43.7	67.9	9 000	48.8	69.5	8 100	48.0	
50.0				8.8	45.5	10 800	19.1	53.3	10 700	25.5	57.7	10 200	33.5	62.5	9 300	39.9	65.7	8 400	45.4	67.6	7 600	50.0	
52.0										18.6	52.6	9 500	28.6	59.1	8 700	35.8	63.0	7 900	41.7	65.5	7 100	52.0	
54.0													22.6	54.9	8 200	31.2	60.0	7 400	37.7	63.0	6 600	54.0	
56.0													14.6	48.8	7 700	25.8	56.2	6 900	33.4	60.2	6 200	56.0	
58.0																19.1	51.2	6 500	28.4	56.8	5 800	58.0	
60.0																		22.5	52.5	5 400			60.0
62.0																		14.3	46.3	5 000			62.0

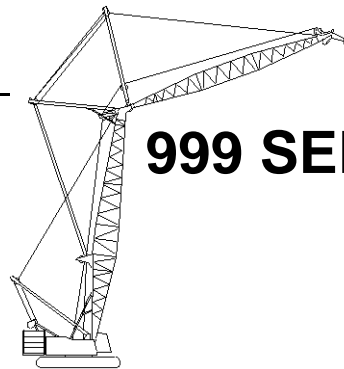


Liftcrane Luffing Jib Capacities

999 SERIES 2

Luffing Jib No. 149 With
Jib Backstay Pendants On
Boom No. 82
83 730 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

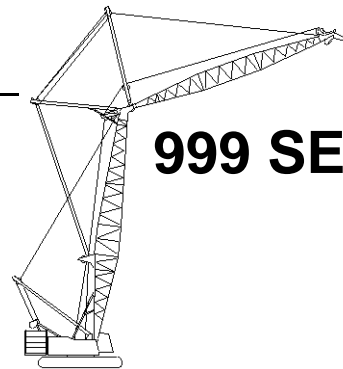
Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib 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	74.7	85.9	29 600*																			16.8
18.0	73.1	85.6	29 300*																			18.0
20.0	70.7	84.9	28 700*	72.3	85.3	34 000*																20.0
22.0	68.2	84.1	28 100*	69.8	84.5	32 000*																22.0
24.0	65.6	83.3	27 500*	67.2	83.7	30 000*																24.0
26.0	63.0	82.3	25 900*	64.6	82.8	27 600	67.1	83.5	26 400													26.0
28.0	60.3	81.2	23 900*	62.0	81.8	25 000	64.5	82.6	24 000	67.0	83.1	22 900										28.0
30.0	57.5	79.9	22 000*	59.3	80.7	22 800	61.9	81.5	21 800	64.4	82.2	20 800										30.0
32.0	54.7	78.6	20 200*	56.5	79.4	20 900	59.2	80.4	20 000	61.7	81.1	19 100										32.0
34.0	51.7	77.1	18 600*	53.6	78.0	19 300	56.4	79.1	18 400	59.0	80.0	17 600										34.0
36.0	48.7	75.4	17 100*	50.6	76.4	17 800	53.5	77.7	17 000	56.2	78.7	16 200	60.5	79.9	14 900							36.0
38.0	45.4	73.5	15 800*	47.5	74.6	16 500	50.5	76.1	15 800	53.3	77.3	15 000	57.8	78.7	13 800							38.0
40.0	42.0	71.3	14 600*	44.2	72.6	15 400	47.3	74.3	14 700	50.3	75.7	14 000	54.9	77.3	12 800							40.0
42.0	38.3	68.9	13 500*	40.7	70.4	14 300	44.0	72.3	13 700	47.2	73.9	13 000	52.0	75.8	11 900	56.4	77.0	10 800				42.0
44.0	34.3	66.2	12 600*	36.9	67.9	13 400	40.5	70.1	12 800	43.8	71.9	12 100	48.9	74.1	11 100	53.5	75.6	10 100				44.0
46.0	29.8	62.9	11 800*	32.7	65.0	12 500	36.7	67.5	11 900	40.3	69.6	11 400	45.7	72.3	10 400	50.5	74.0	9 400				46.0
48.0	24.6	58.9	11 100*	28.0	61.5	11 800	32.5	64.6	11 200	36.5	67.1	10 600	42.3	70.2	9 700	47.4	72.2	8 700	51.9	73.5	7 800	48.0
50.0	18.0	53.7	10 700*	22.4	57.1	11 100	27.8	61.1	10 500	32.3	64.1	10 000	38.6	67.8	9 100	44.1	70.2	8 200	48.8	71.8	7 300	50.0
52.0				14.8	51.0	10 300	22.1	56.7	9 900	27.5	60.5	9 400	34.6	65.0	8 500	40.5	68.0	7 700	45.6	69.9	6 800	52.0
54.0							14.4	50.4	9 300	21.7	56.1	8 800	30.2	61.8	8 000	36.7	65.5	7 100	42.2	67.8	6 300	54.0
56.0										13.8	49.7	8 300	25.1	57.9	7 500	32.5	62.5	6 700	38.5	65.4	5 900	56.0
58.0													18.6	52.8	7 000	27.8	59.0	6 300	34.5	62.7	5 600	58.0
60.0																22.1	54.6	5 900	30.1	59.4	5 200	60.0
62.0																14.5	48.4	5 500	24.9	55.5	4 800	62.0
64.0																			18.4	50.4	4 500	64.0



Liftcrane Luffing Jib Capacities

**Luffing Jib No. 149 With
Jib Backstay Pendants On
Boom No. 82
83 730 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



999 SERIES 2

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

Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib 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	75.6	89.1	27 100*																			16.8
18.0	74.2	88.8	26 800*																			18.0
20.0	71.9	88.1	26 300*	73.3	88.4	30 900*																20.0
22.0	69.5	87.4	25 900*	71.0	87.8	30 600*																22.0
24.0	67.1	86.6	25 400*	68.6	87.0	29 300*																24.0
26.0	64.7	85.7	24 800*	66.2	86.2	27 400	68.5	86.8	26 300													26.0
28.0	62.2	84.7	23 200*	63.8	85.2	24 800	66.1	85.9	23 800													28.0
30.0	59.7	83.5	21 500*	61.3	84.2	22 700	63.7	85.0	21 700	66.0	85.6	20 700										30.0
32.0	57.0	82.3	19 800*	58.7	83.0	20 800	61.2	83.9	19 800	63.5	84.6	18 900										32.0
34.0	54.4	80.9	18 300*	56.1	81.7	19 100	58.6	82.7	18 200	61.0	83.5	17 400										34.0
36.0	51.6	79.4	16 900*	53.4	80.3	17 700	56.0	81.4	16 900	58.4	82.3	16 100										36.0
38.0	48.7	77.7	15 700*	50.5	78.7	16 400	53.2	80.0	15 600	55.8	81.0	14 800	59.9	82.3	13 600							38.0
40.0	45.6	75.8	14 500*	47.6	76.9	15 200	50.4	78.4	14 500	53.1	79.6	13 800	57.3	81.0	12 600							40.0
42.0	42.4	73.7	13 400*	44.5	75.0	14 200	47.4	76.6	13 500	50.2	78.0	12 900	54.6	79.6	11 700							42.0
44.0	39.0	71.3	12 500*	41.2	72.8	13 300	44.3	74.6	12 600	47.3	76.2	12 000	51.8	78.1	10 900	56.0	79.3	9 900				44.0
46.0	35.3	68.6	11 700*	37.7	70.3	12 400	41.0	72.4	11 800	44.2	74.2	11 200	48.9	76.4	10 200	53.2	77.9	9 200				46.0
48.0	31.2	65.5	10 900*	33.9	67.5	11 600	37.5	69.9	11 100	40.9	72.0	10 500	45.9	74.6	9 500	50.4	76.3	8 600				48.0
50.0	26.6	61.9	10 300*	29.6	64.2	10 900	33.7	67.1	10 400	37.3	69.5	9 800	42.7	72.5	8 900	47.5	74.5	8 000				50.0
52.0	21.0	57.2	9 900*	24.7	60.2	10 300	29.4	63.8	9 700	33.5	66.6	9 200	39.3	70.2	8 300	44.4	72.6	7 500	48.8	74.1	6 600	52.0
54.0	13.3	50.6	9 200*	18.6	55.1	9 600	24.4	59.8	9 200	29.1	63.3	8 700	35.6	67.5	7 800	41.1	70.4	7 000	45.8	72.2	6 200	54.0
56.0				9.0	46.6	8 600	18.2	54.5	8 600	24.1	59.2	8 100	31.6	64.4	7 300	37.5	67.9	6 500	42.6	70.1	5 700	56.0
58.0										17.8	53.9	7 600	27.0	60.8	6 900	33.7	65.1	6 100	39.2	67.8	5 400	58.0
60.0													21.5	56.3	6 500	29.4	61.7	5 700	35.5	65.1	5 000	60.0
62.0													14.1	49.9	6 000	24.5	57.7	5 300	31.5	62.1	4 700	62.0
64.0																18.3	52.5	5 000	26.9	58.4	4 400	64.0
66.0																			21.4	53.9	4 000	66.0
68.0																			13.9	47.4	3 700	68.0

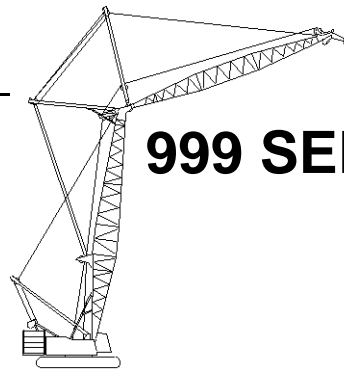


Liftcrane Luffing Jib Capacities

999 SERIES 2

Luffing Jib No. 149 With
Jib Backstay Pendants On
Boom No. 82
83 730 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, 54.9m (180 Ft.) Luffing Jib

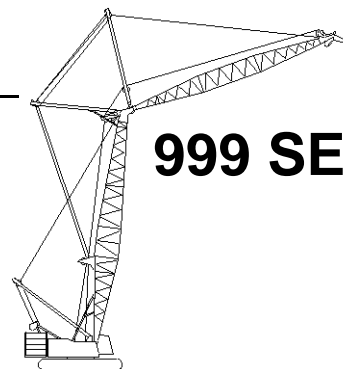
Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
18.3	74.8	91.8	24 600*																			18.3
20.0	72.9	91.3	24 200*																			20.0
22.0	70.7	90.7	23 800*	72.1	91.0	27 700*																22.0
24.0	68.5	89.9	23 300*	69.9	90.3	27 600*																24.0
26.0	66.2	89.0	22 900*	67.6	89.5	26 700	69.8	90.0	26 000													26.0
28.0	63.9	88.1	22 400*	65.3	88.6	24 700	67.5	89.3	23 500													28.0
30.0	61.5	87.0	20 800*	63.0	87.6	22 500	65.2	88.4	21 400													30.0
32.0	59.1	85.9	19 300*	60.6	86.5	20 600	62.9	87.4	19 600	65.1	88.0	18 700										32.0
34.0	56.6	84.6	18 000*	58.2	85.3	18 900	60.5	86.3	18 100	62.8	87.0	17 200										34.0
36.0	54.1	83.2	16 700*	55.7	84.0	17 500	58.1	85.1	16 600	60.4	85.9	15 800										36.0
38.0	51.4	81.7	15 500*	53.1	82.6	16 200	55.6	83.7	15 400	57.9	84.7	14 700										38.0
40.0	48.7	80.0	14 400*	50.4	81.0	15 000	53.0	82.3	14 300	55.4	83.3	13 600	59.3	84.6	12 400							40.0
42.0	45.8	78.1	13 300*	47.7	79.2	14 000	50.3	80.7	13 300	52.8	81.9	12 600	56.8	83.3	11 500							42.0
44.0	42.8	76.0	12 400*	44.8	77.3	13 100	47.5	78.9	12 400	50.2	80.3	11 800	54.3	82.0	10 700							44.0
46.0	39.6	73.7	11 600*	41.7	75.1	12 200	44.6	77.0	11 600	47.4	78.5	11 000	51.7	80.4	10 000	55.6	81.7	8 900				46.0
48.0	36.2	71.1	10 800*	38.4	72.7	11 500	41.5	74.8	10 900	44.4	76.5	10 300	48.9	78.7	9 300	53.0	80.2	8 300				48.0
50.0	32.4	68.1	10 200*	34.9	70.0	10 800	38.2	72.4	10 200	41.3	74.3	9 600	46.1	76.9	8 700	50.3	78.6	7 700				50.0
52.0	28.3	64.6	9 600*	31.0	66.8	10 100	34.7	69.6	9 600	38.0	71.9	9 000	43.1	74.8	8 100	47.5	76.8	7 200	51.6	78.1	6 400	52.0
54.0	23.4	60.4	9 200*	26.6	63.1	9 500	30.8	66.4	9 000	34.5	69.1	8 400	39.9	72.5	7 600	44.6	74.9	6 700	48.9	76.4	5 900	54.0
56.0	17.2	54.9	8 800*	21.4	58.5	8 900	26.4	62.7	8 400	30.5	65.9	7 900	36.5	69.9	7 100	41.5	72.7	6 300	46.0	74.5	5 500	56.0
58.0				14.4	52.2	8 400	21.1	58.1	7 900	26.1	62.2	7 500	32.8	67.0	6 600	38.3	70.3	5 900	43.0	72.5	5 100	58.0
60.0							14.0	51.6	7 400	20.7	57.4	7 000	28.6	63.6	6 200	34.7	67.5	5 500	39.8	70.2	4 700	60.0
62.0										13.5	50.8	6 600	23.8	59.4	5 800	30.8	64.4	5 100	36.4	67.6	4 400	62.0
64.0													17.8	54.1	5 500	26.4	60.7	4 800	32.7	64.6	4 100	64.0
66.0																21.1	56.0	4 500	28.5	61.2	3 800	66.0
68.0																14.0	49.5	4 100	23.7	57.0	3 500	68.0
70.0																			17.7	51.6	3 200	70.0



Liftcrane Luffing Jib Capacities

**Luffing Jib No. 149 With
Jib Backstay Pendants On
Boom No. 82
83 730 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



999 SERIES 2

36.6m (120 Ft.) Boom, 57.9m (190 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
18.3	75.6	95.0	22 200*																			18.3
20.0	73.8	94.5	22 000*																			20.0
22.0	71.7	93.9	21 700*	73.1	94.2	24 900*																22.0
24.0	69.6	93.2	21 300*	71.0	93.5	24 800*																24.0
26.0	67.5	92.4	21 000*	68.9	92.8	24 600*	70.9	93.3	23 800*													26.0
28.0	65.3	91.5	20 600*	66.7	92.0	24 200	68.8	92.5	23 300													28.0
30.0	63.1	90.5	20 100*	64.6	91.0	22 400	66.6	91.7	21 400													30.0
32.0	60.9	89.4	18 900*	62.3	90.0	20 500	64.4	90.8	19 500	66.5	91.3	18 600										32.0
34.0	58.6	88.2	17 600*	60.1	88.9	18 800	62.2	89.8	18 000	64.3	90.4	17 100										34.0
36.0	56.2	86.9	16 400*	57.7	87.7	17 400	60.0	88.6	16 500	62.1	89.4	15 700										36.0
38.0	53.8	85.5	15 300*	55.4	86.3	16 100	57.6	87.4	15 300	59.8	88.3	14 500										38.0
40.0	51.3	84.0	14 300*	52.9	84.9	14 900	55.2	86.1	14 200	57.5	87.0	13 500	61.1	88.1	12 300							40.0
42.0	48.7	82.3	13 300*	50.4	83.3	13 900	52.8	84.6	13 200	55.1	85.7	12 500	58.8	87.0	11 400							42.0
44.0	46.0	80.4	12 400*	47.7	81.5	13 000	50.2	83.0	12 300	52.6	84.2	11 700	56.4	85.7	10 600							44.0
46.0	43.2	78.3	11 600*	45.0	79.6	12 100	47.6	81.2	11 500	50.1	82.6	10 900	54.0	84.3	9 800	57.6	85.3	8 800				46.0
48.0	40.2	76.1	10 800*	42.1	77.4	11 400	44.8	79.3	10 800	47.5	80.8	10 200	51.5	82.7	9 200	55.3	84.0	8 200				48.0
50.0	37.0	73.5	10 200*	39.0	75.1	10 700	41.9	77.1	10 100	44.7	78.8	9 500	48.9	81.0	8 600	52.8	82.5	7 600				50.0
52.0	33.5	70.6	9 600*	35.7	72.4	10 000	38.9	74.7	9 500	41.8	76.7	8 900	46.2	79.2	8 000	50.3	80.9	7 100				52.0
54.0	29.7	67.3	9 100*	32.2	69.4	9 400	35.6	72.1	8 900	38.7	74.3	8 400	43.4	77.1	7 500	47.6	79.1	6 600	51.5	80.4	5 800	54.0
56.0	25.3	63.4	8 600*	28.2	65.9	8 800	32.0	69.0	8 400	35.4	71.6	7 900	40.4	74.9	7 000	44.9	77.2	6 200	48.9	78.7	5 400	56.0
58.0	20.1	58.6	8 300*	23.6	61.7	8 300	28.0	65.5	7 900	31.8	68.5	7 400	37.2	72.4	6 600	42.0	75.1	5 800	46.2	76.8	5 000	58.0
60.0	13.0	51.7	7 400*	17.9	56.3	7 800	23.3	61.3	7 400	27.7	65.0	6 900	33.8	69.5	6 100	38.9	72.7	5 400	43.3	74.8	4 700	60.0
62.0							17.5	55.8	6 900	23.0	60.7	6 500	30.0	66.3	5 800	35.6	70.0	5 000	40.3	72.5	4 300	62.0
64.0							8.5	46.8	6 500	17.2	55.1	6 100	25.7	62.4	5 400	32.0	67.0	4 700	37.2	70.0	4 000	64.0
66.0													20.6	57.6	5 000	28.0	63.5	4 400	33.7	67.2	3 700	66.0
68.0													13.7	51.0	4 700	23.4	59.2	4 100	29.9	63.9	3 400	68.0
70.0																17.6	53.8	3 800	25.6	60.0	3 200	70.0
72.0																			20.5	55.2	2 900	72.0
74.0																			13.5	48.5	2 700	74.0

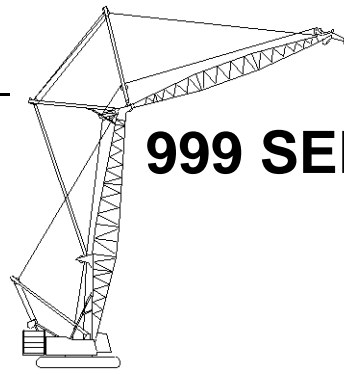


Liftcrane Luffing Jib Capacities

999 SERIES 2

Luffing Jib No. 149 With
Jib Backstay Pendants On
Boom No. 82
83 730 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, 61.0m (200 Ft.) Luffing Jib

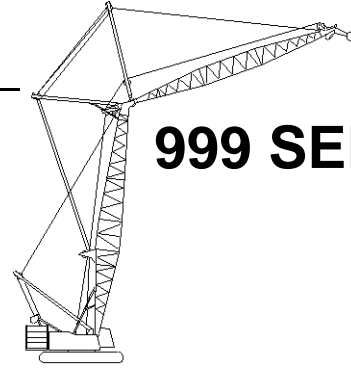
Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m	
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms		
19.8	74.8	97.7	20 000*																			19.8	
20.0	74.7	97.7	20 000*																			20.0	
22.0	72.7	97.1	19 800*																			22.0	
24.0	70.7	96.4	19 600*	72.0	96.8	22 400*																24.0	
26.0	68.7	95.7	19 300*	70.0	96.1	22 200*																26.0	
28.0	66.7	94.8	19 000*	68.0	95.3	22 000*	69.9	95.8	21 400*													28.0	
30.0	64.6	93.9	18 700*	65.9	94.4	21 800	67.9	95.0	21 000													30.0	
32.0	62.5	92.9	18 200*	63.8	93.5	20 300	65.8	94.2	19 300	67.7	94.7	18 400										32.0	
34.0	60.3	91.8	17 100*	61.7	92.4	18 600	63.7	93.2	17 700	65.7	93.8	16 800										34.0	
36.0	58.1	90.6	16 000*	59.5	91.3	17 200	61.6	92.1	16 400	63.6	92.8	15 500										36.0	
38.0	55.9	89.3	15 000*	57.3	90.0	15 900	59.4	91.0	15 100	61.5	91.8	14 300										38.0	
40.0	53.6	87.8	14 000*	55.1	88.7	14 800	57.2	89.7	14 000	59.3	90.6	13 300										40.0	
42.0	51.2	86.3	13 100*	52.7	87.2	13 700	54.9	88.4	13 000	57.1	89.4	12 300	60.5	90.5	11 200							42.0	
44.0	48.7	84.6	12 300*	50.3	85.6	12 800	52.6	86.9	12 100	54.8	88.0	11 500	58.3	89.3	10 400							44.0	
46.0	46.2	82.7	11 500*	47.8	83.8	11 900	50.2	85.3	11 300	52.5	86.5	10 700	56.1	88.0	9 600							46.0	
48.0	43.5	80.7	10 700*	45.2	81.9	11 200	47.7	83.5	10 600	50.0	84.9	10 000	53.8	86.6	9 000							48.0	
50.0	40.6	78.4	10 100*	42.5	79.8	10 500	45.1	81.6	9 900	47.5	83.1	9 300	51.4	85.0	8 300	55.0	86.3	7 400				50.0	
52.0	37.6	75.9	9 500*	39.6	77.5	9 800	42.3	79.5	9 300	44.9	81.1	8 700	48.9	83.3	7 800	52.6	84.8	6 900				52.0	
54.0	34.4	73.1	8 900*	36.5	74.9	9 200	39.4	77.1	8 700	42.2	79.0	8 200	46.4	81.5	7 300	50.2	83.2	6 400				54.0	
56.0	30.9	70.0	8 500*	33.2	71.9	8 700	36.3	74.5	8 200	39.3	76.7	7 700	43.7	79.5	6 800	47.7	81.4	6 000	51.3	82.7	5 200	56.0	
58.0	27.0	66.3	8 100*	29.5	68.6	8 200	33.0	71.6	7 700	36.2	74.0	7 200	40.9	77.2	6 400	45.1	79.5	5 600	48.9	81.0	4 800	58.0	
60.0	22.4	61.9	7 600*	25.4	64.7	7 700	29.3	68.2	7 200	32.8	71.1	6 700	37.9	74.8	6 000	42.3	77.4	5 200	46.3	79.1	4 400	60.0	
62.0	16.7	56.1	7 000*	20.5	59.9	7 200	25.2	64.3	6 800	29.1	67.7	6 300	34.7	72.0	5 600	39.5	75.1	4 800	43.6	77.1	4 100	62.0	
64.0	7.3	46.4	5 600*	14.0	53.3	6 800	20.2	59.4	6 300	24.9	63.7	5 900	31.2	68.9	5 200	36.4	72.4	4 500	40.8	74.9	3 800	64.0	
66.0				13.6	52.7	6 000				19.9	58.8	5 500	27.3	65.3	4 900	33.0	69.5	4 100	37.8	72.4	3 500	66.0	
68.0										13.2	51.9	5 200				22.8	60.9	4 500	29.4	66.2	3 800	68.0	
70.0																17.2	55.3	4 200	25.2	62.2	3 500	70.0	
72.0																			20.3	57.4	3 300	72.0	
74.0																			13.7	50.7	3 000	74.0	
76.0																				17.0	52.8	2 200	76.0



Liftcrane Luffing Jib Capacities

**Luffing Jib No. 149 With
Jib Backstay Pendants On
Boom No. 82
83 730 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



999 SERIES 2

36.6m (120 Ft.) Boom, 64.0m (210 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
19.8	75.6	100.9	18 200*																			19.8
20.0	75.4	100.9	18 200*																			20.0
22.0	73.5	100.3	18 000*																			22.0
24.0	71.7	99.6	17 800*	72.9	100.0	20 300*																24.0
26.0	69.8	98.9	17 500*	71.0	99.3	20 100*																26.0
28.0	67.8	98.1	17 400*	69.1	98.6	19 900*																28.0
30.0	65.9	97.3	17 200*	67.1	97.7	19 700*	69.0	98.3	19 200*													30.0
32.0	63.9	96.3	16 900*	65.2	96.8	19 500*	67.0	97.5	19 100*													32.0
34.0	61.9	95.3	16 500*	63.2	95.9	18 600	65.1	96.6	17 600	66.9	97.1	16 700										34.0
36.0	59.8	94.2	15 600*	61.1	94.8	17 000	63.1	95.6	16 200	65.0	96.2	15 300										36.0
38.0	57.7	92.9	14 600*	59.1	93.6	15 700	61.0	94.5	14 900	63.0	95.2	14 200										38.0
40.0	55.6	91.6	13 700*	56.9	92.4	14 600	59.0	93.3	13 900	60.9	94.1	13 100										40.0
42.0	53.4	90.1	12 900*	54.8	91.0	13 600	56.8	92.1	12 900	58.8	93.0	12 100	62.1	94.0	11 000							42.0
44.0	51.1	88.6	12 100*	52.5	89.5	12 600	54.7	90.7	12 000	56.7	91.7	11 300	60.0	92.9	10 200							44.0
46.0	48.7	86.9	11 400*	50.2	87.9	11 800	52.4	89.2	11 100	54.5	90.3	10 500	57.9	91.7	9 400							46.0
48.0	46.3	85.0	10 700*	47.9	86.1	11 000	50.1	87.6	10 400	52.3	88.8	9 800	55.8	90.3	8 800							48.0
50.0	43.7	83.0	10 000*	45.4	84.2	10 300	47.7	85.8	9 700	50.0	87.2	9 200	53.5	88.9	8 200							50.0
52.0	41.1	80.8	9 400*	42.8	82.1	9 700	45.3	83.9	9 100	47.6	85.4	8 600	51.3	87.3	7 600	54.7	88.6	6 700				52.0
54.0	38.2	78.3	8 900*	40.1	79.8	9 100	42.7	81.8	8 600	45.1	83.5	8 000	48.9	85.6	7 100	52.5	87.1	6 200				54.0
56.0	35.2	75.6	8 400*	37.2	77.3	8 500	39.9	79.5	8 000	42.5	81.3	7 500	46.5	83.8	6 600	50.1	85.5	5 800				56.0
58.0	32.0	72.6	8 000*	34.1	74.5	8 000	37.0	76.9	7 500	39.8	79.0	7 000	44.0	81.8	6 200	47.8	83.7	5 400	51.2	85.0	4 600	58.0
60.0	28.4	69.1	7 400*	30.7	71.3	7 500	33.9	74.1	7 000	36.9	76.5	6 600	41.3	79.6	5 800	45.3	81.8	5 000	48.9	83.3	4 200	60.0
62.0	24.3	65.0	6 900*	26.9	67.6	7 100	30.5	70.9	6 600	33.7	73.6	6 200	38.5	77.2	5 400	42.7	79.7	4 600	46.4	81.5	3 900	62.0
64.0	19.4	59.9	6 400*	22.6	63.2	6 700	26.7	67.2	6 200	30.3	70.4	5 800	35.5	74.5	5 000	39.9	77.4	4 300	43.9	79.4	3 600	64.0
66.0	12.8	52.8	5 600*	17.3	57.5	6 200	22.4	62.7	5 800	26.5	66.6	5 400	32.2	71.5	4 700	37.1	74.9	4 000	41.2	77.2	3 300	66.0
68.0				9.2	48.8	5 200*	17.0	57.0	5 400	22.1	62.1	5 000	28.7	68.0	4 400	33.9	72.0	3 700	38.4	74.8	3 000	68.0
70.0							8.7	48.0	5 100	16.6	56.3	4 700	24.6	64.0	4 000	30.6	68.8	3 400	35.4	72.1	2 800	70.0
72.0													19.8	59.0	3 800	26.8	65.1	3 100	32.2	69.1	2 500	72.0
74.0													13.4	52.1	3 500	22.4	60.7	2 900	28.6	65.6	2 300	74.0
76.0																17.0	55.0	2 700	24.5	61.6	2 100	76.0

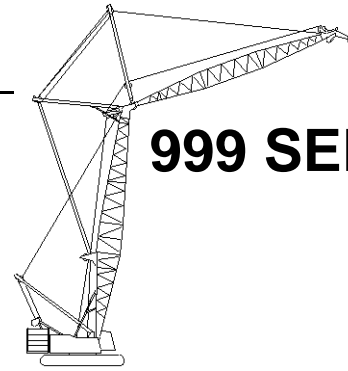


Liftcrane Luffing Jib Capacities

999 SERIES 2

Luffing Jib No. 149 With
Jib Backstay Pendants On
Boom No. 82
83 730 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, 67.1m (220 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
21.3	74.9	103.7	16 400*																21.3
22.0	74.3	103.5	16 400*																22.0
24.0	72.5	102.9	16 100*																24.0
26.0	70.7	102.2	16 000*	71.9	102.5	18 300*													26.0
28.0	68.9	101.4	15 700*	70.1	101.8	18 000*													28.0
30.0	67.0	100.6	15 500*	68.2	101.0	17 800*	70.0	101.6	17 400*										30.0
32.0	65.2	99.7	15 300*	66.4	100.2	17 600*	68.1	100.8	17 200*										32.0
34.0	63.3	98.7	15 100*	64.5	99.3	17 400*	66.3	99.9	17 000										34.0
36.0	61.3	97.7	14 900*	62.6	98.3	16 900	64.4	99.0	16 000	66.2	99.6	15 100							36.0
38.0	59.4	96.5	14 200*	60.6	97.2	15 600	62.5	98.0	14 700	64.3	98.6	13 900							38.0
40.0	57.3	95.3	13 400*	58.6	96.0	14 400	60.5	96.9	13 600	62.4	97.6	12 900							40.0
42.0	55.3	93.9	12 600*	56.6	94.7	13 400	58.5	95.7	12 600	60.4	96.5	11 900							42.0
44.0	53.2	92.4	11 900*	54.5	93.3	12 500	56.5	94.4	11 800	58.4	95.3	11 100	61.5	96.4	9 900				44.0
46.0	51.0	90.9	11 100*	52.4	91.8	11 600	54.4	93.0	11 000	56.4	94.0	10 300	59.5	95.2	9 200				46.0
48.0	48.7	89.2	10 500*	50.2	90.2	10 900	52.3	91.5	10 200	54.3	92.6	9 600	57.5	94.0	8 500				48.0
50.0	46.4	87.3	9 900*	47.9	88.4	10 200	50.1	89.9	9 500	52.2	91.1	8 900	55.5	92.6	7 900				50.0
52.0	44.0	85.3	9 300*	45.5	86.5	9 500	47.8	88.1	8 900	49.9	89.5	8 300	53.3	91.2	7 400	56.5	92.3	6 400	52.0
54.0	41.5	83.1	8 800*	43.1	84.4	8 900	45.4	86.2	8 300	47.7	87.7	7 800	51.2	89.6	6 900	54.4	90.9	6 000	54.0
56.0	38.8	80.7	8 300*	40.5	82.2	8 400	43.0	84.1	7 800	45.3	85.8	7 300	48.9	87.9	6 400	52.3	89.4	5 600	56.0
58.0	36.0	78.1	7 700*	37.8	79.7	7 800	40.4	81.8	7 300	42.8	83.7	6 800	46.6	86.1	6 000	50.1	87.8	5 100	58.0
60.0	32.9	75.1	7 200*	34.9	76.9	7 400	37.6	79.3	6 900	40.2	81.4	6 400	44.2	84.1	5 500	47.8	86.0	4 700	60.0
62.0	29.6	71.8	6 700*	31.7	73.9	6 900	34.7	76.6	6 400	37.5	78.9	5 900	41.7	81.9	5 200	45.5	84.1	4 400	62.0
64.0	25.9	67.9	6 200*	28.3	70.3	6 500	31.6	73.5	6 000	34.6	76.1	5 600	39.0	79.5	4 800	43.0	82.1	4 100	64.0
66.0	21.5	63.3	5 700*	24.4	66.2	6 000*	28.1	69.9	5 700	31.4	73.0	5 200	36.2	76.9	4 500	40.4	79.8	3 700	66.0
68.0	16.2	57.3	5 200*	19.8	61.2	5 600*	24.2	65.8	5 300	27.9	69.4	4 900	33.2	74.0	4 200	37.7	77.3	3 500	68.0
70.0	7.6	47.5	4 100*	13.7	54.4	5 100*	19.5	60.7	5 000	23.9	65.2	4 500	29.9	70.7	3 900	34.7	74.5	3 200	70.0
72.0							13.3	53.8	4 600	19.2	60.1	4 200	26.2	66.9	3 600	31.6	71.4	2 900	72.0
74.0										12.9	53.0	4 000	21.9	62.3	3 300	28.1	67.9	2 700	74.0
76.0													16.7	56.5	3 100	24.2	63.8	2 400	76.0
78.0																19.6	58.7	2 200	78.0
80.0																13.4	51.8	2 000	80.0

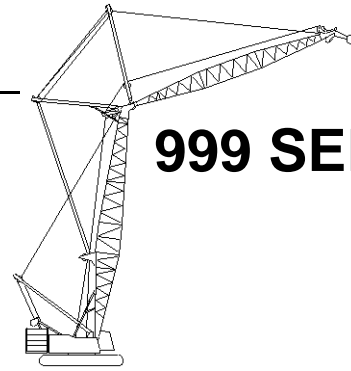


Liftcrane Luffing Jib Capacities

999 SERIES 2

Luffing Jib No. 149 With
Jib Backstay Pendants On
Boom No. 82
83 730 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, 70.1m (230 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
21.3	75.6	106.8	15 400*																21.3
22.0	75.0	106.6	15 300*																22.0
24.0	73.3	106.1	15 100*																24.0
26.0	71.6	105.4	15 000*	72.7	105.7	17 300*													26.0
28.0	69.9	104.7	14 700*	71.0	105.1	17 100*													28.0
30.0	68.1	103.9	14 600*	69.2	104.3	16 900*													30.0
32.0	66.3	103.1	14 300*	67.5	103.5	16 800*	69.1	104.1	16 600*										32.0
34.0	64.5	102.1	14 100*	65.7	102.6	16 500*	67.4	103.3	16 400*										34.0
36.0	62.7	101.1	13 700*	63.9	101.7	16 000*	65.6	102.4	15 900										36.0
38.0	60.8	100.0	13 000*	62.0	100.6	15 200*	63.8	101.4	14 600	65.5	102.0	13 800							38.0
40.0	58.9	98.9	12 300*	60.1	99.5	14 300	61.9	100.4	13 500	63.7	101.0	12 700							40.0
42.0	57.0	97.6	11 600*	58.2	98.3	13 300	60.1	99.3	12 500	61.8	100.0	11 800							42.0
44.0	55.0	96.2	10 900*	56.3	97.0	12 300	58.1	98.0	11 600	59.9	98.9	10 900							44.0
46.0	53.0	94.8	10 300*	54.3	95.6	11 500	56.2	96.7	10 800	58.0	97.7	10 100	61.0	98.8	9 100				46.0
48.0	50.9	93.2	9 700*	52.2	94.1	10 700	54.2	95.3	10 100	56.1	96.3	9 400	59.1	97.6	8 400				48.0
50.0	48.8	91.5	9 200*	50.1	92.5	10 000	52.1	93.8	9 400	54.1	94.9	8 800	57.2	96.3	7 800				50.0
52.0	46.5	89.6	8 700*	48.0	90.7	9 400	50.0	92.2	8 800	52.0	93.4	8 200	55.2	95.0	7 200				52.0
54.0	44.2	87.6	8 200*	45.7	88.8	8 800	47.8	90.4	8 200	49.9	91.8	7 700	53.2	93.5	6 700	56.2	94.7	5 800	54.0
56.0	41.8	85.5	7 700*	43.4	86.8	8 200	45.6	88.5	7 700	47.7	90.0	7 200	51.1	91.9	6 300	54.2	93.3	5 400	56.0
58.0	39.3	83.1	7 400*	40.9	84.5	7 700	43.2	86.4	7 200	45.5	88.1	6 700	48.9	90.2	5 800	52.2	91.7	5 000	58.0
60.0	36.6	80.5	7 000*	38.3	82.1	7 200	40.8	84.2	6 700	43.1	86.0	6 200	46.7	88.4	5 400	50.0	90.1	4 600	60.0
62.0	33.7	77.6	6 500*	35.6	79.4	6 800	38.2	81.7	6 300	40.6	83.8	5 800	44.4	86.4	5 000	47.9	88.3	4 300	62.0
64.0	30.6	74.4	6 000*	32.6	76.4	6 300*	35.4	79.0	5 900	38.0	81.3	5 400	42.0	84.3	4 700	45.6	86.4	3 900	64.0
66.0	27.2	70.7	5 600*	29.4	73.0	5 800*	32.5	76.0	5 500	35.3	78.6	5 100	39.5	81.9	4 400	43.3	84.4	3 600	66.0
68.0	23.4	66.4	5 200*	25.9	69.2	5 400*	29.3	72.7	5 200	32.3	75.5	4 700	36.8	79.3	4 000	40.8	82.1	3 300	68.0
70.0	18.7	61.2	4 800*	21.8	64.6	5 000*	25.7	68.8	4 800	29.1	72.1	4 400	34.0	76.5	3 700	38.2	79.7	3 000	70.0
72.0	12.6	53.9	4 000*	16.8	58.8	4 600*	21.6	64.1	4 500	25.5	68.2	4 100	30.9	73.3	3 400	35.5	77.0	2 800	72.0
74.0				9.3	49.9	3 800*	16.5	58.2	4 200	21.3	63.5	3 800	27.5	69.7	3 200	32.5	74.0	2 600	74.0
76.0							8.8	49.0	3 900	16.1	57.5	3 600	23.7	65.5	2 900	29.3	70.6	2 300	76.0
78.0													19.2	60.3	2 700	25.7	66.7	2 100	78.0
80.0													13.2	53.2	2 400	21.6	62.1	1 900	80.0

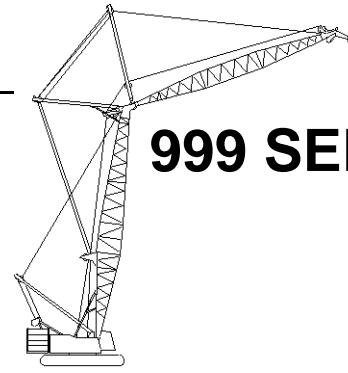


Liftcrane Luffing Jib Capacities

999 SERIES 2

Luffing Jib No. 149 With
Jib Backstay Pendants On
Boom No. 82
83 730 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, 73.2m (240 Ft.) Luffing Jib

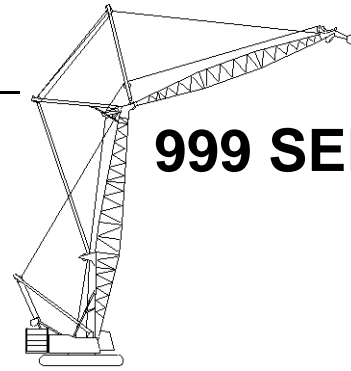
Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
22.9	75.0	109.6	13 900*													22.9
24.0	74.0	109.2	13 800*													24.0
26.0	72.4	108.6	13 600*	73.4	108.9	15 700*										26.0
28.0	70.7	107.9	13 400*	71.8	108.3	15 500*										28.0
30.0	69.1	107.2	13 200*	70.1	107.6	15 400*										30.0
32.0	67.4	106.4	13 100*	68.4	106.8	15 200*	70.0	107.3	15 000*							32.0
34.0	65.7	105.5	12 900*	66.7	106.0	15 000*	68.4	106.6	14 800*							34.0
36.0	63.9	104.5	12 700*	65.0	105.1	14 800*	66.7	105.7	14 700*							36.0
38.0	62.2	103.5	12 400*	63.3	104.1	14 500*	64.9	104.8	14 400	66.6	105.3	13 600				38.0
40.0	60.4	102.4	11 800*	61.5	103.0	13 800*	63.2	103.8	13 300	64.8	104.4	12 500				40.0
42.0	58.5	101.2	11 200*	59.7	101.9	13 100	61.4	102.8	12 300	63.1	103.4	11 600				42.0
44.0	56.7	99.9	10 600*	57.9	100.7	12 100	59.6	101.6	11 400	61.3	102.4	10 700				44.0
46.0	54.8	98.5	10 000*	56.0	99.3	11 300	57.8	100.4	10 600	59.5	101.2	10 000	62.3	102.2	8 800	46.0
48.0	52.8	97.1	9 500*	54.1	97.9	10 500	55.9	99.1	9 900	57.7	100.0	9 300	60.5	101.1	8 200	48.0
50.0	50.8	95.5	9 000*	52.1	96.4	9 800	54.0	97.6	9 200	55.8	98.7	8 600	58.7	99.9	7 600	50.0
52.0	48.8	93.8	8 500*	50.1	94.8	9 200	52.0	96.1	8 600	53.9	97.2	8 000	56.8	98.7	7 000	52.0
54.0	46.6	91.9	8 100*	48.0	93.0	8 600	50.0	94.5	8 000	51.9	95.7	7 400	54.9	97.3	6 500	54.0
56.0	44.4	89.9	7 600*	45.8	91.1	8 000	47.9	92.7	7 500	49.9	94.1	7 000	53.0	95.8	6 100	56.0
58.0	42.1	87.8	7 200*	43.6	89.1	7 500	45.7	90.8	7 000	47.8	92.3	6 500	51.0	94.2	5 600	58.0
60.0	39.7	85.5	6 800*	41.3	86.9	7 100	43.5	88.8	6 500	45.6	90.4	6 000	48.9	92.5	5 200	60.0
62.0	37.2	82.9	6 200*	38.8	84.5	6 600	41.2	86.5	6 100	43.4	88.3	5 600	46.8	90.7	4 800	62.0
64.0	34.5	80.1	5 800*	36.2	81.8	6 100*	38.7	84.1	5 700	41.0	86.1	5 300	44.6	88.7	4 500	64.0
66.0	31.6	77.0	5 300*	33.5	78.9	5 600*	36.1	81.5	5 400	38.6	83.7	4 900	42.3	86.6	4 100	66.0
68.0	28.4	73.5	4 900*	30.5	75.7	5 200*	33.3	78.6	5 000	36.0	81.0	4 500	39.9	84.3	3 800	68.0
70.0	24.9	69.5	4 500*	27.2	72.0	4 800*	30.3	75.3	4 600	33.2	78.1	4 200	37.4	81.8	3 500	70.0
72.0	20.8	64.7	4 100*	23.5	67.7	4 400*	27.0	71.6	4 300	30.2	74.8	3 900	34.7	79.0	3 300	72.0
74.0	15.7	58.5	3 700*	19.1	62.5	4 000*	23.3	67.3	4 000	26.8	71.1	3 600	31.8	75.9	3 000	74.0
76.0	7.9	48.7	2 700*	13.4	55.5	3 500*	18.9	62.0	3 700	23.1	66.7	3 400	28.7	72.4	2 700	76.0
78.0							13.1	54.9	3 500	18.6	61.4	3 100	25.2	68.5	2 500	78.0
80.0										12.7	54.1	2 900	21.2	63.7	2 300	80.0
82.0													16.2	57.7	2 000	82.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 149 With
Jib Backstay Pendants On
Boom No. 82
83 730 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



999 SERIES 2

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

Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib 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	62.7	60.8	54 400*b																			13.7
14.0	61.9	60.7	53 700*b																			14.0
16.0	55.5	59.4	48 700*b	59.9	60.2	51 900*b																16.0
18.0	48.6	57.8	44 600*	53.4	58.9	46 000	60.1	60.0	44 300b													18.0
20.0	40.8	55.7	41 100	46.3	57.1	40 100	53.6	58.7	38 700	60.3	59.7	37 200b										20.0
22.0	31.4	52.9	36 300	38.1	54.8	35 500	46.5	56.9	34 200	53.8	58.4	32 900b										22.0
24.0	18.1	48.3	31 100	28.0	51.6	31 700	38.4	54.7	30 600	46.7	56.6	29 400	58.3	58.5	27 500b							24.0
26.0							28.3	51.5	27 600	38.6	54.4	26 500	51.6	57.1	24 800							26.0
28.0										28.6	51.3	24 100	44.2	55.2	22 500	55.9	56.9	21 000b				28.0
30.0													35.7	52.7	20 600	49.1	55.3	19 100				30.0
32.0													24.6	49.1	18 900	41.3	53.3	17 600				32.0
34.0																32.1	50.5	16 200	46.0	53.2	15 000	34.0
36.0																19.2	46.1	14 900	37.8	50.9	13 800	36.0
38.0																			27.5	47.6	12 800	38.0

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

Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib 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	66.4	64.2	52 700*b																			13.7
14.0	65.7	64.1	52 100*b																			14.0
16.0	60.3	63.1	47 300*b	64.0	63.7	50 400*b																16.0
18.0	54.7	61.7	43 400*	58.6	62.6	45 600	64.2	63.5	44 200b													18.0
20.0	48.6	60.1	40 000	52.9	61.2	40 000	58.8	62.4	38 400	64.3	63.2	37 000b									20.0	
22.0	41.9	58.1	36 400	46.6	59.4	35 400	53.1	61.0	34 000	58.9	62.1	32 700									22.0	
24.0	34.1	55.4	32 400	39.6	57.2	31 600	46.8	59.2	30 400	53.2	60.7	29 200									24.0	
26.0	24.2	51.7	29 200	31.4	54.3	28 500	39.9	57.1	27 400	47.0	59.0	26 400	57.1	60.9	24 600						26.0	
28.0				20.1	50.0	25 900	31.6	54.2	24 900	40.0	56.8	23 900	51.3	59.4	22 300							28.0
30.0							20.6	49.9	22 700	31.9	53.9	21 900	44.9	57.5	20 400							30.0
32.0										20.9	49.7	20 000	37.6	55.1	18 700	49.0	57.6	17 300				32.0
34.0													28.8	52.0	17 200	42.4	55.6	16 000				34.0
36.0													15.9	46.9	15 900	34.7	53.0	14 700	46.4	55.5	13 600	36.0
38.0																24.9	49.4	13 700	39.3	53.3	12 600	38.0
40.0																			31.0	50.3	11 700	40.0
42.0																			19.6	45.9	10 800	42.0

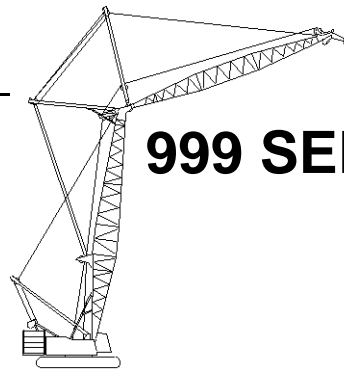


Liftcrane Luffing Jib Capacities

999 SERIES 2

Luffing Jib No. 149 With
Jib Backstay Pendants On
Boom No. 82
83 730 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, 27.4m (90 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib 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	69.2	67.6	51 200*b																			13.7
14.0	68.5	67.4	50 600*b																			14.0
16.0	63.9	66.5	46 200*b	67.1	67.1	49 100*b																16.0
18.0	59.1	65.4	42 400*	62.5	66.1	44 900*	67.3	66.9	44 000b													18.0
20.0	54.1	64.0	39 200*	57.6	64.9	39 800	62.6	65.9	38 300	67.4	66.6	36 800b										20.0
22.0	48.7	62.4	35 900*	52.5	63.5	35 300	57.8	64.7	33 900	62.7	65.6	32 500										22.0
24.0	42.8	60.4	31 600*	46.9	61.7	31 500	52.6	63.3	30 300	57.9	64.4	29 100										24.0
26.0	36.1	57.9	28 300*	40.8	59.6	28 500	47.1	61.6	27 400	52.7	63.0	26 200	61.2	64.4	24 400							26.0
28.0	28.0	54.6	25 800*	33.7	56.9	25 900	41.0	59.4	24 900	47.2	61.3	23 800	56.3	63.2	22 200							28.0
30.0	16.5	49.5	23 600*	25.0	53.2	23 600	34.0	56.7	22 700	41.1	59.1	21 800	51.0	61.7	20 200							30.0
32.0				10.7	46.7	21 700	25.3	53.1	20 900	34.2	56.5	20 000	45.4	59.8	18 600	54.4	61.6	17 100				32.0
34.0										25.5	52.9	18 400	39.0	57.5	17 100	49.0	59.9	15 800				34.0
36.0													31.7	54.6	15 800	43.2	58.0	14 600				36.0
38.0													22.1	50.6	14 700	36.5	55.5	13 600	46.7	57.8	12 400	38.0
40.0																28.6	52.3	12 600	40.5	55.6	11 500	40.0
42.0																17.5	47.4	11 700	33.4	52.9	10 700	42.0
44.0																			24.6	49.2	10 000	44.0

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

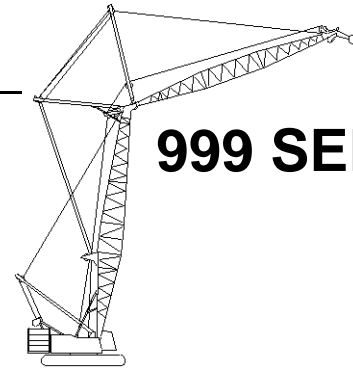
Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib 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	71.3	70.8	48 500*b																			13.7
14.0	70.8	70.7	48 100*b																			14.0
16.0	66.7	69.9	44 900*	69.5	70.4	47 600*b																16.0
18.0	62.5	68.9	41 200*	65.4	69.5	43 700*																18.0
20.0	58.2	67.8	38 100*	61.2	68.5	39 700	65.6	69.3	38 100													20.0
22.0	53.6	66.4	35 000*	56.8	67.2	35 100	61.3	68.3	33 700	65.7	69.0	32 400										22.0
24.0	48.7	64.7	31 000*	52.1	65.8	31 400	56.9	67.1	30 100	61.4	68.0	28 800										24.0
26.0	43.4	62.7	27 700*	47.1	64.0	28 300	52.3	65.6	27 200	57.0	66.7	26 000										26.0
28.0	37.5	60.3	24 900*	41.7	61.9	25 700	47.3	63.9	24 700	52.4	65.3	23 600	60.0	66.8	21 900							28.0
30.0	30.7	57.3	22 700*	35.5	59.4	23 500	41.9	61.8	22 600	47.4	63.6	21 600	55.6	65.5	20 000							30.0
32.0	22.0	53.1	21 100*	28.3	56.1	21 600	35.8	59.2	20 700	42.0	61.5	19 800	50.8	64.0	18 300							32.0
34.0				18.5	51.3	19 900	28.5	55.9	19 100	35.9	58.9	18 300	45.7	62.1	16 900	53.9	63.9	15 500				34.0
36.0							18.9	51.2	17 700	28.7	55.7	16 900	40.1	59.9	15 600	49.0	62.2	14 300				36.0
38.0										19.2	51.0	15 700	33.8	57.2	14 500	43.8	60.3	13 300				38.0
40.0													26.0	53.6	13 500	37.9	57.9	12 300	46.9	60.1	11 300	40.0
42.0													14.9	48.0	12 500	31.2	54.9	11 500	41.4	58.0	10 500	42.0
44.0																22.7	50.9	10 700	35.3	55.4	9 800	44.0
46.0																			28.0	52.0	9 100	46.0
48.0																			18.0	47.2	8 500	48.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 149 With
Jib Backstay Pendants On
Boom No. 82
83 730 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



999 SERIES 2

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

Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib 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	73.1	74.0	44 500*b																			13.7
14.0	72.6	73.9	44 400*b																			14.0
16.0	69.0	73.2	43 000*	71.5	73.6	46 200*b																16.0
18.0	65.2	72.3	40 200*	67.8	72.9	42 600*																18.0
20.0	61.4	71.3	37 200*	64.0	71.9	39 300	67.9	72.7	38 100													20.0
22.0	57.4	70.1	34 100*	60.2	70.8	35 100	64.2	71.7	33 600													22.0
24.0	53.2	68.7	30 400*	56.1	69.6	31 300	60.3	70.7	30 000	64.3	71.4	28 800										24.0
26.0	48.7	67.0	27 300*	51.8	68.1	28 300	56.2	69.4	27 100	60.4	70.3	26 000										26.0
28.0	44.0	65.1	24 500*	47.3	66.3	25 700	52.0	67.9	24 600	56.3	69.1	23 600										28.0
30.0	38.7	62.7	22 200*	42.4	64.3	23 500	47.4	66.2	22 500	52.1	67.6	21 500	59.1	69.1	19 900							30.0
32.0	32.8	59.9	20 200*	37.0	61.8	21 600	42.5	64.1	20 700	47.6	65.9	19 800	55.0	67.8	18 300							32.0
34.0	25.6	56.2	18 700*	30.7	58.7	19 900	37.1	61.7	19 100	42.7	63.8	18 200	50.7	66.3	16 800							34.0
36.0	15.5	50.7	17 800*	22.9	54.7	18 400	30.9	58.6	17 700	37.3	61.4	16 900	46.0	64.4	15 600	53.5	66.2	14 300				36.0
38.0				10.6	47.7	17 100	23.2	54.6	16 400	31.1	58.4	15 700	41.0	62.3	14 400	49.0	64.5	13 200				38.0
40.0										23.4	54.4	14 600	35.4	59.7	13 400	44.3	62.6	12 300	51.7	64.2	11 200	40.0
42.0													28.8	56.4	12 500	39.1	60.3	11 400	47.1	62.4	10 400	42.0
44.0													20.4	51.9	11 700	33.2	57.5	10 700	42.2	60.3	9 700	44.0
46.0																26.1	53.9	10 000	36.7	57.8	9 100	46.0
48.0																16.4	48.6	9 300	30.4	54.7	8 400	48.0
50.0																			22.6	50.6	7 900	50.0

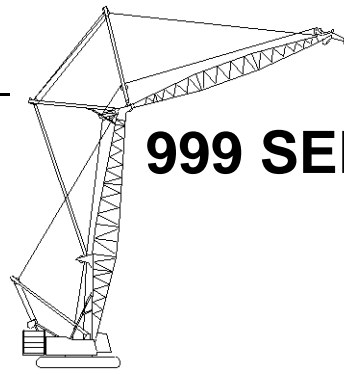


Liftcrane Luffing Jib Capacities

999 SERIES 2

Luffing Jib No. 149 With
Jib Backstay Pendants On
Boom No. 82
83 730 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

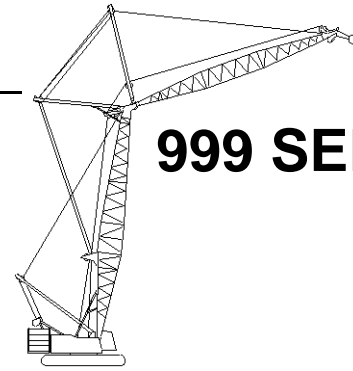
Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib 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	74.5	77.2	40 800*b																			13.7
14.0	74.1	77.1	40 600*b																			14.0
16.0	70.8	76.5	39 500*																			16.0
18.0	67.4	75.7	38 200*	69.8	76.1	41 300*																18.0
20.0	64.0	74.8	36 200*	66.4	75.3	38 300	69.9	75.9	37 800													20.0
22.0	60.4	73.7	33 000*	62.9	74.3	35 000	66.5	75.1	33 400													22.0
24.0	56.7	72.4	29 700*	59.3	73.2	31 100	63.0	74.1	29 800													24.0
26.0	52.8	71.0	26 800*	55.5	71.9	28 100	59.4	73.0	26 900	63.1	73.8	25 700										26.0
28.0	48.8	69.3	24 200*	51.6	70.4	25 500	55.6	71.7	24 400	59.5	72.7	23 300										28.0
30.0	44.4	67.4	21 800*	47.4	68.6	23 300	51.7	70.2	22 300	55.7	71.4	21 300										30.0
32.0	39.7	65.1	19 900*	43.0	66.6	21 400	47.6	68.5	20 500	51.8	69.9	19 500	58.3	71.5	18 000							32.0
34.0	34.4	62.4	18 200*	38.1	64.2	19 800	43.1	66.4	18 900	47.7	68.2	18 000	54.5	70.1	16 600							34.0
36.0	28.2	59.0	16 800*	32.6	61.3	18 300	38.3	64.1	17 500	43.2	66.2	16 700	50.5	68.6	15 300							36.0
38.0	20.5	54.5	15 900*	26.1	57.7	17 000	32.8	61.2	16 200	38.4	63.8	15 500	46.3	66.7	14 200	53.1	68.5	13 000				38.0
40.0				17.4	52.5	15 800	26.3	57.6	15 100	32.9	60.9	14 400	41.7	64.6	13 200	49.0	66.8	12 000				40.0
42.0							17.7	52.5	14 100	26.5	57.3	13 400	36.7	62.1	12 300	44.7	64.9	11 200				42.0
44.0										17.9	52.3	12 600	31.0	59.1	11 500	40.0	62.7	10 500	47.3	64.7	9 400	44.0
46.0													24.1	55.1	10 700	34.7	60.0	9 800	42.8	62.7	8 800	46.0
48.0													14.2	49.2	10 000	28.7	56.7	9 100	37.9	60.3	8 200	48.0
50.0																21.0	52.2	8 500	32.4	57.3	7 700	50.0
52.0																			25.8	53.7	7 200	52.0
54.0																			16.9	48.4	6 700	54.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 149 With
Jib Backstay Pendants On
Boom No. 82
83 730 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



999 SERIES 2

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

Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib 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	75.8	80.4	37 800*b																			13.7
14.0	75.3	80.3	37 600*b																			14.0
16.0	72.3	79.7	36 200*																			16.0
18.0	69.2	79.0	35 100*	71.4	79.4	40 100*																18.0
20.0	66.1	78.1	34 400*	68.3	78.6	37 300*																20.0
22.0	62.9	77.2	32 100*	65.1	77.7	34 500	68.4	78.4	33 300													22.0
24.0	59.6	76.0	29 000*	61.9	76.7	31 100	65.2	77.5	29 700													24.0
26.0	56.1	74.7	26 300*	58.5	75.6	27 900	62.0	76.5	26 700	65.3	77.2	25 500										26.0
28.0	52.5	73.3	23 800*	55.0	74.2	25 400	58.6	75.4	24 300	62.0	76.2	23 200										28.0
30.0	48.8	71.6	21 600*	51.4	72.7	23 200	55.1	74.0	22 200	58.7	75.0	21 100										30.0
32.0	44.8	69.7	19 600*	47.6	70.9	21 300	51.5	72.5	20 300	55.2	73.7	19 400	61.0	75.0	17 800							32.0
34.0	40.5	67.5	17 900*	43.5	68.9	19 600	47.7	70.8	18 700	51.6	72.2	17 900	57.6	73.8	16 400							34.0
36.0	35.7	64.9	16 500*	39.0	66.6	18 200	43.6	68.8	17 300	47.8	70.5	16 500	54.1	72.4	15 200							36.0
38.0	30.3	61.7	15 300*	34.1	63.9	16 900	39.2	66.5	16 100	43.7	68.5	15 300	50.4	70.9	14 100							38.0
40.0	23.8	57.7	14 400*	28.4	60.5	15 700	34.3	63.7	15 000	39.3	66.2	14 300	46.5	69.1	13 100	52.8	70.8	11 900				40.0
42.0	14.8	51.8	13 800*	21.4	56.1	14 700	28.6	60.4	14 000	34.4	63.4	13 300	42.3	67.0	12 100	49.0	69.1	11 000				42.0
44.0				10.5	48.8	13 700	21.7	56.0	13 100	28.8	60.1	12 400	37.8	64.5	11 400	45.0	67.2	10 300				44.0
46.0										21.9	55.8	11 600	32.7	61.7	10 600	40.7	65.0	9 600	47.4	67.0	8 600	46.0
48.0													26.8	58.1	10 000	36.0	62.5	9 000	43.3	65.0	8 000	48.0
50.0													19.2	53.2	9 300	30.7	59.4	8 400	38.8	62.7	7 500	50.0
52.0																24.3	55.4	7 900	33.9	59.9	7 000	52.0
54.0																15.5	49.7	7 300	28.2	56.5	6 600	54.0
56.0																			21.1	52.0	6 100	56.0

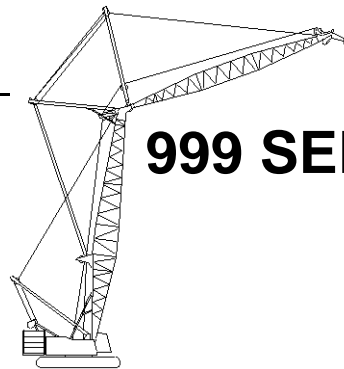


Liftcrane Luffing Jib Capacities

999 SERIES 2

Luffing Jib No. 149 With
Jib Backstay Pendants On
Boom No. 82
83 730 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

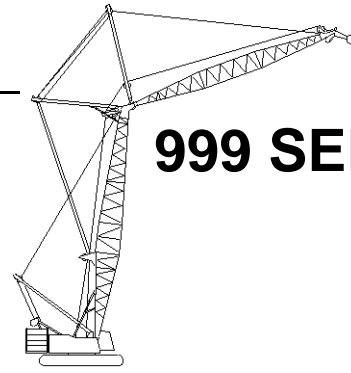
Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib 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	74.7	83.1	33 600*																			15.2
16.0	73.6	82.9	33 200*																			16.0
18.0	70.8	82.2	32 400*																			18.0
20.0	67.9	81.5	31 500*	69.9	81.9	36 100*																20.0
22.0	65.0	80.6	30 400*	67.0	81.1	33 700*	70.0	81.7	33 100													22.0
24.0	62.0	79.5	28 300*	64.0	80.2	30 900	67.1	80.9	29 500													24.0
26.0	58.9	78.4	25 700*	61.0	79.1	27 800	64.1	80.0	26 500	67.2	80.6	25 300										26.0
28.0	55.6	77.1	23 500*	57.9	77.9	25 200	61.1	78.9	24 000	64.2	79.6	22 900										28.0
30.0	52.3	75.6	21 400*	54.6	76.5	23 000	58.0	77.7	21 900	61.2	78.6	20 900										30.0
32.0	48.8	73.9	19 500*	51.2	75.0	21 100	54.7	76.3	20 100	58.0	77.4	19 200										32.0
34.0	45.1	72.0	17 800*	47.7	73.2	19 500	51.3	74.8	18 500	54.8	76.0	17 700	60.2	77.4	16 200							34.0
36.0	41.1	69.8	16 300*	43.9	71.3	18 000	47.8	73.1	17 100	51.4	74.5	16 300	57.0	76.2	14 900							36.0
38.0	36.8	67.3	15 100*	39.8	69.0	16 700	44.0	71.1	15 900	47.9	72.8	15 100	53.7	74.8	13 800							38.0
40.0	32.0	64.3	14 000*	35.4	66.3	15 600	39.9	68.8	14 800	44.1	70.8	14 100	50.3	73.2	12 800	55.9	74.6	11 600				40.0
42.0	26.4	60.7	13 100*	30.3	63.2	14 500	35.5	66.2	13 800	40.0	68.5	13 100	46.7	71.4	11 900	52.5	73.1	10 800				42.0
44.0	19.3	55.8	12 500*	24.4	59.2	13 600	30.5	63.0	12 900	35.6	65.9	12 200	42.8	69.3	11 100	49.0	71.4	10 000				44.0
46.0				16.5	53.7	12 700	24.6	59.1	12 400	30.6	62.8	11 500	38.7	66.9	10 400	45.3	69.6	9 300	51.1	71.1	8 300	46.0
48.0							16.8	53.7	11 300	24.7	58.9	10 700	34.1	64.2	9 700	41.4	67.4	8 800	47.5	69.3	7 800	48.0
50.0										17.0	53.5	10 100	28.9	60.8	9 100	37.1	64.9	8 200	43.7	67.3	7 200	50.0
52.0													22.6	56.6	8 500	32.3	62.0	7 700	39.6	65.0	6 800	52.0
54.0													13.7	50.3	8 000	26.8	58.3	7 100	35.2	62.4	6 300	54.0
56.0																19.8	53.6	6 700	30.1	59.2	5 900	56.0
58.0																			24.1	55.2	5 500	58.0
60.0																			16.1	49.6	5 100	60.0



Liftcrane Luffing Jib Capacities

**Luffing Jib No. 149 With
Jib Backstay Pendants On
Boom No. 82
83 730 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



999 SERIES 2

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

Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib 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	86.3	31 000*																			15.2
16.0	74.7	86.1	30 600*																			16.0
18.0	72.1	85.5	29 800*																			18.0
20.0	69.5	84.7	29 100*	71.3	85.1	35 100*																20.0
22.0	66.8	83.9	28 600*	68.6	84.4	32 800*																22.0
24.0	64.0	83.0	27 200*	65.9	83.5	30 600	68.7	84.2	29 400													24.0
26.0	61.1	81.9	25 100*	63.1	82.6	27 700	66.0	83.3	26 500													26.0
28.0	58.2	80.7	23 000*	60.3	81.5	25 100	63.2	82.4	24 000	66.0	83.0	22 900										28.0
30.0	55.2	79.4	21 000*	57.3	80.2	22 900	60.3	81.3	21 900	63.3	82.0	20 800										30.0
32.0	52.1	77.9	19 300*	54.3	78.8	21 000	57.4	80.0	20 000	60.4	80.9	19 100										32.0
34.0	48.8	76.2	17 700*	51.1	77.3	19 400	54.4	78.7	18 500	57.5	79.7	17 600	62.4	80.9	16 100							34.0
36.0	45.4	74.3	16 200*	47.8	75.5	17 900	51.2	77.1	17 100	54.4	78.3	16 200	59.5	79.8	14 800							36.0
38.0	41.7	72.2	14 900*	44.2	73.6	16 700	47.9	75.4	15 800	51.3	76.8	15 100	56.5	78.5	13 700							38.0
40.0	37.7	69.7	13 800*	40.5	71.4	15 500	44.4	73.4	14 800	47.9	75.1	14 000	53.4	77.1	12 700							40.0
42.0	33.3	66.9	12 800*	36.4	68.8	14 500	40.6	71.2	13 700	44.4	73.1	13 000	50.2	75.5	11 900	55.4	76.9	10 700				42.0
44.0	28.4	63.5	12 000*	31.9	65.8	13 500	36.5	68.6	12 900	40.7	70.9	12 200	46.8	73.7	11 000	52.3	75.4	10 000				44.0
46.0	22.4	59.2	11 400*	26.7	62.1	12 700	32.0	65.6	12 000	36.6	68.4	11 400	43.3	71.6	10 300	49.0	73.7	9 300				46.0
48.0	14.3	52.9	11 000*	20.3	57.4	11 900	26.9	62.0	11 300	32.1	65.4	10 700	39.4	69.3	9 600	45.6	71.9	8 700	51.0	73.4	7 700	48.0
50.0				10.5	49.9	11 000	20.5	57.4	10 600	27.0	61.8	10 000	35.3	66.7	9 100	41.9	69.7	8 100	47.6	71.6	7 100	50.0
52.0										20.7	57.1	9 400	30.6	63.5	8 500	38.0	67.3	7 600	44.1	69.6	6 700	52.0
54.0													25.1	59.6	8 000	33.6	64.5	7 100	40.3	67.4	6 300	54.0
56.0													18.2	54.5	7 500	28.7	61.1	6 600	36.2	64.8	5 800	56.0
58.0																22.9	56.9	6 200	31.7	61.8	5 400	58.0
60.0																14.9	50.9	5 800	26.5	58.1	5 100	60.0
62.0																			20.0	53.3	4 700	62.0
64.0																			9.9	45.6	4 400	64.0

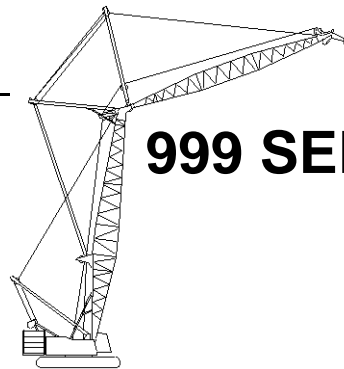


Liftcrane Luffing Jib Capacities

999 SERIES 2

Luffing Jib No. 149 With
Jib Backstay Pendants On
Boom No. 82
83 730 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

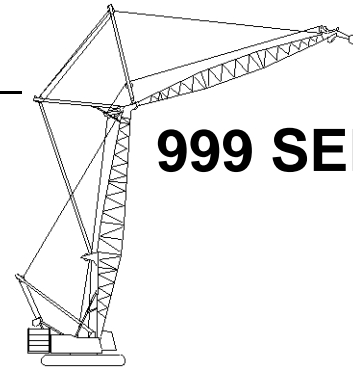
Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib 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	74.8	89.0	28 000*																			16.8
18.0	73.3	88.7	27 700*																			18.0
20.0	70.8	88.0	27 000*	72.5	88.4	32 300*																20.0
22.0	68.3	87.2	26 200*	70.0	87.7	31 800*																22.0
24.0	65.7	86.4	25 600*	67.5	86.9	29 900*																24.0
26.0	63.1	85.4	24 300*	64.9	86.0	27 500	67.6	86.7	26 200													26.0
28.0	60.4	84.3	22 400*	62.3	85.0	24 900	65.0	85.8	23 800													28.0
30.0	57.7	83.1	20 600*	59.6	83.8	22 700	62.4	84.8	21 700	65.1	85.4	20 600										30.0
32.0	54.8	81.7	18 900*	56.8	82.6	20 900	59.7	83.6	19 900	62.4	84.4	18 900										32.0
34.0	51.9	80.2	17 400*	53.9	81.2	19 200	56.9	82.4	18 300	59.7	83.3	17 300										34.0
36.0	48.8	78.5	16 100*	51.0	79.6	17 700	54.0	81.0	16 900	57.0	82.1	16 000	61.6	83.3	14 600							36.0
38.0	45.6	76.6	14 800*	47.8	77.8	16 500	51.0	79.4	15 700	54.1	80.7	14 800	58.9	82.1	13 500							38.0
40.0	42.2	74.5	13 700*	44.6	75.9	15 300	47.9	77.7	14 500	51.1	79.1	13 800	56.1	80.8	12 500							40.0
42.0	38.5	72.1	12 700*	41.1	73.7	14 300	44.7	75.7	13 600	48.0	77.4	12 800	53.2	79.4	11 600							42.0
44.0	34.5	69.4	11 800*	37.3	71.2	13 400	41.2	73.5	12 600	44.7	75.4	12 000	50.1	77.8	10 800	55.0	79.2	9 700				44.0
46.0	30.1	66.1	11 100*	33.2	68.3	12 500	37.4	71.1	11 900	41.3	73.3	11 200	47.0	76.0	10 100	52.1	77.7	9 000				46.0
48.0	24.9	62.2	10 500*	28.5	64.9	11 700	33.3	68.2	11 400	37.5	70.8	10 500	43.7	74.0	9 400	49.0	76.0	8 400				48.0
50.0	18.4	57.1	10 100*	23.1	60.7	11 000	28.7	64.8	10 400	33.4	67.9	9 800	40.1	71.7	8 800	45.8	74.2	7 800	50.8	75.7	6 900	50.0
52.0				15.8	54.9	10 300	23.2	60.6	9 800	28.8	64.5	9 200	36.3	69.1	8 300	42.4	72.1	7 300	47.7	73.9	6 400	52.0
54.0							16.1	54.9	9 200	23.4	60.4	8 700	32.0	66.1	7 800	38.8	69.7	6 900	44.4	72.0	6 000	54.0
56.0										16.3	54.7	8 100	27.2	62.5	7 300	34.8	67.0	6 400	40.9	69.8	5 600	56.0
58.0													21.4	58.0	6 800	30.4	63.8	6 000	37.2	67.2	5 200	58.0
60.0													13.3	51.4	6 400	25.2	59.9	5 600	33.0	64.3	4 800	60.0
62.0																18.9	54.9	5 300	28.3	60.9	4 500	62.0
64.0																8.6	46.4	4 900	22.8	56.6	4 200	64.0
66.0																			15.5	50.7	3 900	66.0



Liftcrane Luffing Jib Capacities

**Luffing Jib No. 149 With
Jib Backstay Pendants On
Boom No. 82
83 730 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



999 SERIES 2

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

Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m	
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib 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	75.7	92.2	25 800*																			16.8	
18.0	74.3	91.8	25 500*																			18.0	
20.0	72.0	91.2	24 900*	73.6	91.6	29 300*																20.0	
22.0	69.6	90.5	24 200*	71.3	90.9	29 200*																22.0	
24.0	67.2	89.7	23 800*	68.9	90.2	28 900*																24.0	
26.0	64.8	88.8	23 200*	66.5	89.3	27 400	69.0	90.0	26 000													26.0	
28.0	62.3	87.8	21 700*	64.1	88.4	24 800	66.6	89.1	23 600													28.0	
30.0	59.8	86.6	20 100*	61.6	87.3	22 600	64.1	88.2	21 500	66.6	88.8	20 500										30.0	
32.0	57.2	85.4	18 600*	59.0	86.2	20 700	61.6	87.1	19 700	64.2	87.9	18 700										32.0	
34.0	54.5	84.0	17 100*	56.4	84.9	19 000	59.1	86.0	18 100	61.7	86.8	17 200										34.0	
36.0	51.7	82.5	15 900*	53.7	83.5	17 600	56.4	84.7	16 700	59.1	85.7	15 800										36.0	
38.0	48.8	80.8	14 700*	50.8	81.9	16 300	53.7	83.3	15 500	56.5	84.4	14 700	60.9	85.7	13 300							38.0	
40.0	45.8	78.9	13 600*	47.9	80.1	15 200	50.9	81.7	14 400	53.8	83.0	13 600	58.3	84.5	12 300							40.0	
42.0	42.6	76.8	12 600*	44.8	78.2	14 100	48.0	80.0	13 400	51.0	81.4	12 700	55.7	83.1	11 400							42.0	
44.0	39.2	74.5	11 700*	41.6	76.1	13 200	44.9	78.0	12 500	48.1	79.7	11 800	52.9	81.7	10 600							44.0	
46.0	35.5	71.8	11 000*	38.1	73.6	12 400	41.7	75.9	11 700	45.0	77.7	11 000	50.1	80.1	9 900	54.7	81.5	8 800				46.0	
48.0	31.5	68.8	10 300*	34.3	70.8	11 600	38.2	73.5	11 000	41.7	75.6	10 300	47.1	78.3	9 300	51.9	80.0	8 200				48.0	
50.0	26.8	65.1	9 700*	30.1	67.6	10 900	34.4	70.7	10 300	38.3	73.2	9 700	44.0	76.3	8 700	49.0	78.3	7 700				50.0	
52.0	21.3	60.5	9 300*	25.3	63.7	10 200	30.2	67.5	9 600	34.5	70.4	9 100	40.7	74.1	8 100	46.0	76.5	7 200	50.7	78.0	6 200	52.0	
54.0	13.8	54.1	8 800*	19.3	58.7	9 600	25.4	63.6	9 100	30.3	67.2	8 500	37.1	71.5	7 600	42.8	74.4	6 700	47.8	76.2	5 800	54.0	
56.0				10.5	51.0	8 700	19.5	58.7	8 500	25.5	63.4	8 000	33.2	68.6	7 100	39.4	72.1	6 200	44.7	74.3	5 400	56.0	
58.0										19.7	58.5	7 500	28.9	65.3	6 700	35.8	69.4	5 800	41.4	72.1	5 000	58.0	
60.0													23.8	61.2	6 200	31.7	66.4	5 500	37.9	69.7	4 700	60.0	
62.0													17.4	55.7	5 900	27.2	62.8	5 100	34.1	66.9	4 300	62.0	
64.0													6.2	45.8	5 400	21.7	58.3	4 800	29.9	63.6	4 000	64.0	
66.0																14.4	52.0	4 400	25.1	59.7	3 700	66.0	
68.0																		19.0	54.6	3 400			68.0
70.0																		9.9	46.6	3 100			70.0

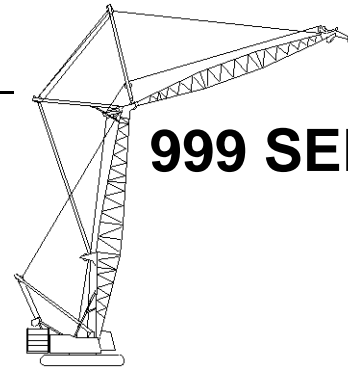


Liftcrane Luffing Jib Capacities

999 SERIES 2

Luffing Jib No. 149 With
Jib Backstay Pendants On
Boom No. 82
83 730 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, 54.9m (180 Ft.) Luffing Jib

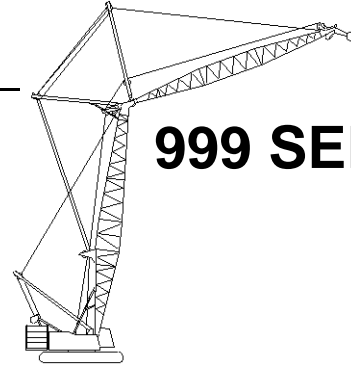
Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
18.3	74.9	94.9	23 200*																			18.3
20.0	73.0	94.4	22 900*																			20.0
22.0	70.8	93.7	22 300*	72.3	94.1	26 300*																22.0
24.0	68.6	93.0	21 900*	70.1	93.4	26 200*																24.0
26.0	66.3	92.1	21 500*	67.9	92.6	26 000*	70.2	93.2	25 300													26.0
28.0	64.0	91.2	20 800*	65.6	91.8	24 600	67.9	92.4	23 500													28.0
30.0	61.6	90.2	19 700*	63.3	90.8	22 400	65.7	91.6	21 300													30.0
32.0	59.2	89.0	18 200*	60.9	89.7	20 500	63.3	90.6	19 500	65.7	91.2	18 500										32.0
34.0	56.8	87.7	16 900*	58.5	88.5	18 900	61.0	89.5	17 900	63.4	90.3	16 900										34.0
36.0	54.2	86.3	15 700*	56.0	87.2	17 400	58.5	88.3	16 500	61.0	89.2	15 600										36.0
38.0	51.6	84.8	14 600*	53.4	85.8	16 100	56.1	87.0	15 300	58.6	88.0	14 400										38.0
40.0	48.8	83.1	13 500*	50.7	84.2	15 000	53.5	85.6	14 200	56.1	86.7	13 400	60.3	88.0	12 100							40.0
42.0	46.0	81.2	12 600*	48.0	82.5	14 000	50.8	84.0	13 200	53.5	85.3	12 400	57.8	86.8	11 200							42.0
44.0	43.0	79.2	11 700*	45.1	80.5	13 100	48.1	82.3	12 300	50.9	83.7	11 600	55.3	85.5	10 400							44.0
46.0	39.8	76.9	10 900*	42.0	78.4	12 200	45.2	80.4	11 500	48.1	82.0	10 800	52.7	84.0	9 700	56.9	85.2	8 600				46.0
48.0	36.4	74.3	10 200*	38.8	76.0	11 400	42.1	78.2	10 800	45.2	80.1	10 100	50.0	82.4	9 000	54.4	83.8	8 000				48.0
50.0	32.6	71.3	9 600*	35.3	73.3	10 700	38.9	75.8	10 100	42.2	77.9	9 500	47.2	80.6	8 400	51.7	82.3	7 400				50.0
52.0	28.5	67.9	9 100*	31.4	70.2	10 100	35.4	73.2	9 500	38.9	75.6	8 900	44.3	78.6	7 900	49.0	80.6	6 900				52.0
54.0	23.7	63.7	8 700*	27.1	66.6	9 500	31.5	70.1	8 900	35.5	72.9	8 300	41.2	76.4	7 400	46.2	78.8	6 400	50.6	80.3	5 500	54.0
56.0	17.6	58.3	8 400*	22.0	62.1	8 900	27.2	66.5	8 400	31.6	69.8	7 800	37.9	73.9	6 900	43.2	76.7	6 000	47.9	78.5	5 100	56.0
58.0				15.3	56.0	8 300	22.1	62.0	7 900	27.3	66.2	7 300	34.3	71.2	6 500	40.0	74.5	5 600	44.9	76.6	4 700	58.0
60.0							15.5	56.0	7 400	22.3	61.8	6 900	30.3	67.9	6 000	36.6	71.9	5 200	41.9	74.4	4 400	60.0
62.0										15.7	55.9	6 400	25.8	64.1	5 700	32.9	69.0	4 800	38.6	72.0	4 100	62.0
64.0													20.4	59.3	5 300	28.8	65.5	4 500	35.1	69.3	3 800	64.0
66.0													12.9	52.5	4 900	24.0	61.4	4 200	31.2	66.2	3 500	66.0
68.0																18.1	56.1	3 900	26.9	62.6	3 200	68.0
70.0																8.8	47.5	3 600	21.7	58.1	3 000	70.0
72.0																			14.9	51.9	2 700	72.0



Liftcrane Luffing Jib Capacities

**Luffing Jib No. 149 With
Jib Backstay Pendants On
Boom No. 82
83 730 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



999 SERIES 2

39.6m (130 Ft.) Boom, 57.9m (190 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
18.3	75.7	98.1	21 200*																			18.3
20.0	73.9	97.6	21 000*																			20.0
22.0	71.9	97.0	20 500*	73.3	97.3	23 900*																22.0
24.0	69.8	96.3	20 200*	71.2	96.7	23 700*																24.0
26.0	67.6	95.5	19 800*	69.1	95.9	23 600*																26.0
28.0	65.5	94.6	19 400*	67.0	95.1	23 300*	69.2	95.7	22 600													28.0
30.0	63.3	93.6	18 900*	64.8	94.2	22 200	67.0	94.9	21 300													30.0
32.0	61.0	92.5	17 700*	62.6	93.2	20 400	64.9	94.0	19 400	67.1	94.6	18 400										32.0
34.0	58.7	91.3	16 500*	60.3	92.1	18 800	62.6	93.0	17 800	64.9	93.7	16 800										34.0
36.0	56.4	90.1	15 400*	58.0	90.9	17 300	60.4	91.9	16 400	62.7	92.7	15 500										36.0
38.0	53.9	88.6	14 300*	55.6	89.5	16 000	58.1	90.7	15 200	60.4	91.6	14 300										38.0
40.0	51.4	87.1	13 400*	53.2	88.1	14 900	55.7	89.3	14 100	58.1	90.4	13 300	62.0	91.5	12 000							40.0
42.0	48.8	85.4	12 400*	50.6	86.5	13 900	53.2	87.9	13 100	55.7	89.0	12 400	59.7	90.4	11 100							42.0
44.0	46.1	83.5	11 600*	48.0	84.8	13 000	50.7	86.3	12 200	53.3	87.6	11 500	57.4	89.1	10 300							44.0
46.0	43.3	81.5	10 900*	45.3	82.8	12 100	48.1	84.6	11 400	50.8	86.0	10 700	55.0	87.8	9 600							46.0
48.0	40.3	79.2	10 100*	42.4	80.7	11 300	45.4	82.7	10 700	48.2	84.3	10 000	52.5	86.3	8 900	56.5	87.6	7 900				48.0
50.0	37.1	76.7	9 500*	39.4	78.4	10 600	42.5	80.6	10 000	45.4	82.4	9 400	50.0	84.7	8 300	54.1	86.2	7 300				50.0
52.0	33.7	73.9	9 000*	36.1	75.8	10 000	39.5	78.2	9 400	42.6	80.3	8 800	47.3	82.9	7 800	51.6	84.6	6 800				52.0
54.0	29.9	70.6	8 500*	32.5	72.8	9 400	36.2	75.6	8 800	39.5	77.9	8 200	44.5	80.9	7 300	49.0	82.9	6 300				54.0
56.0	25.6	66.7	8 100*	28.6	69.4	8 800	32.7	72.7	8 300	36.3	75.3	7 700	41.6	78.7	6 800	46.3	81.1	5 900	50.5	82.6	5 000	56.0
58.0	20.4	61.9	7 800*	24.1	65.2	8 300	28.7	69.2	7 800	32.7	72.4	7 200	38.5	76.3	6 400	43.5	79.1	5 500	47.9	80.8	4 700	58.0
60.0	13.5	55.2	7 300*	18.6	60.0	7 800	24.2	65.2	7 300	28.8	69.0	6 800	35.2	73.6	6 000	40.5	76.8	5 100	45.2	78.9	4 300	60.0
62.0				10.4	52.1	6 900	18.7	60.0	6 800	24.4	64.9	6 400	31.5	70.5	5 600	37.3	74.3	4 800	42.3	76.8	4 000	62.0
64.0							10.8	52.2	6 400	18.9	59.8	6 000	27.5	67.0	5 200	33.9	71.5	4 400	39.2	74.4	3 700	64.0
66.0													22.8	62.6	4 900	30.1	68.2	4 100	36.0	71.8	3 400	66.0
68.0													16.8	56.9	4 500	25.9	64.4	3 800	32.4	68.8	3 100	68.0
70.0													6.7	47.0	4 200	20.8	59.7	3 500	28.4	65.3	2 900	70.0
72.0																14.0	53.1	3 300	23.9	61.2	2 600	72.0
74.0																			18.3	55.9	2 400	74.0
76.0																			10.0	47.7	2 200	76.0

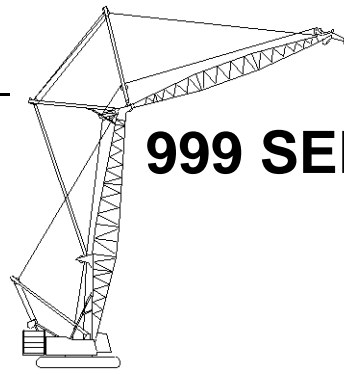


Liftcrane Luffing Jib Capacities

999 SERIES 2

Luffing Jib No. 149 With
Jib Backstay Pendants On
Boom No. 82
83 730 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, 61.0m (200 Ft.) Luffing Jib

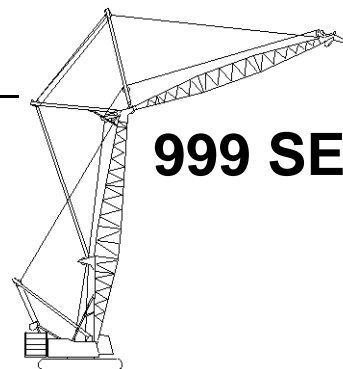
Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m			
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms				
19.8	74.9	100.8	19 100*																			19.8			
20.0	74.8	100.8	19 100*																			20.0			
22.0	72.8	100.2	18 900*																			22.0			
24.0	70.8	99.5	18 600*	72.2	99.9	21 500*																24.0			
26.0	68.8	98.8	18 300*	70.2	99.2	21 400*																26.0			
28.0	66.8	97.9	18 000*	68.2	98.4	21 200*	70.3	99.0	20 600*													28.0			
30.0	64.7	97.0	17 600*	66.1	97.6	21 000*	68.2	98.2	20 500*													30.0			
32.0	62.6	96.0	17 100*	64.1	96.6	20 100*	66.2	97.3	19 200													32.0			
34.0	60.4	94.9	16 000*	61.9	95.6	18 600	64.1	96.4	17 600	66.2	97.0	16 600										34.0			
36.0	58.3	93.7	15 000*	59.8	94.4	17 100	62.0	95.4	16 200	64.2	96.1	15 300										36.0			
38.0	56.0	92.4	14 000*	57.6	93.2	15 800	59.8	94.2	15 000	62.0	95.1	14 100										38.0			
40.0	53.7	91.0	13 100*	55.3	91.9	14 700	57.6	93.0	13 900	59.9	93.9	13 100										40.0			
42.0	51.3	89.4	12 300*	53.0	90.4	13 700	55.4	91.7	12 900	57.7	92.7	12 100	61.4	93.9	10 800							42.0			
44.0	48.9	87.7	11 500*	50.6	88.8	12 700	53.0	90.2	12 000	55.4	91.4	11 300	59.2	92.7	10 000							44.0			
46.0	46.3	85.9	10 700*	48.1	87.1	11 900	50.6	88.6	11 200	53.1	89.9	10 500	57.0	91.5	9 300							46.0			
48.0	43.6	83.8	10 000*	45.5	85.1	11 200	48.1	86.9	10 500	50.7	88.3	9 800	54.7	90.1	8 700							48.0			
50.0	40.8	81.6	9 400*	42.8	83.1	10 400	45.6	85.0	9 800	48.2	86.6	9 200	52.3	88.6	8 100	56.2	89.9	7 100				50.0			
52.0	37.8	79.1	8 900*	39.9	80.8	9 800	42.8	82.9	9 200	45.6	84.7	8 600	49.9	87.0	7 600	53.8	88.5	6 600				52.0			
54.0	34.6	76.3	8 400*	36.8	78.2	9 200	40.0	80.6	8 600	42.9	82.6	8 000	47.4	85.2	7 000	51.5	86.9	6 100				54.0			
56.0	31.1	73.2	7 900*	33.5	75.3	8 600	36.9	78.0	8 100	40.0	80.3	7 500	44.8	83.2	6 600	49.0	85.2	5 700				56.0			
58.0	27.2	69.6	7 600*	29.9	72.0	8 100	33.6	75.2	7 600	37.0	77.8	7 100	42.0	81.1	6 100	46.5	83.4	5 300	50.5	84.9	4 400	58.0			
60.0	22.7	65.2	7 300*	25.9	68.2	7 700	30.0	71.9	7 100	33.7	74.9	6 600	39.1	78.7	5 700	43.8	81.4	4 900	48.0	83.1	4 100	60.0			
62.0	17.0	59.5	6 800*	21.1	63.5	7 200	26.0	68.1	6 700	30.1	71.6	6 200	36.0	76.1	5 400	41.0	79.2	4 500	45.4	81.2	3 700	62.0			
64.0	8.1	50.3	5 500*	14.8	57.2	6 800	21.2	63.4	6 300	26.1	67.8	5 800	32.6	73.1	5 000	38.0	76.7	4 200	42.6	79.1	3 400	64.0			
66.0							15.1	57.2	5 900				21.3	63.2	5 400	28.9	69.7	4 700	34.8	74.0	3 200	66.0			
68.0													15.2	57.0	5 100				24.7	65.7	4 300	31.3	70.8	3 600	68.0
70.0																			19.6	60.7	4 000	27.4	67.2	3 300	70.0
72.0																			12.7	53.6	3 800	23.0	62.9	3 100	72.0
74.0																						17.4	57.4	2 800	74.0
76.0																						8.9	48.6	2 600	76.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 149 With
Jib Backstay Pendants On
Boom No. 82
83 730 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



999 SERIES 2

39.6m (130 Ft.) Boom, 64.0m (210 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
19.8	75.7	104.0	17 500*																19.8
20.0	75.5	103.9	17 500*																20.0
22.0	73.6	103.4	17 300*																22.0
24.0	71.8	102.7	17 100*																24.0
26.0	69.9	102.0	16 900*	71.2	102.4	19 400*													26.0
28.0	67.9	101.2	16 600*	69.3	101.7	19 200*													28.0
30.0	66.0	100.4	16 300*	67.3	100.9	19 000*	69.3	101.5	18 600*										30.0
32.0	64.0	99.4	16 000*	65.4	100.0	18 900*	67.4	100.7	18 500*										32.0
34.0	62.0	98.4	15 600*	63.4	99.0	18 200	65.4	99.8	17 500	67.4	100.3	16 500							34.0
36.0	59.9	97.3	14 600*	61.4	98.0	17 000	63.4	98.8	16 100	65.5	99.5	15 100							36.0
38.0	57.8	96.0	13 700*	59.3	96.8	15 700	61.4	97.8	14 800	63.5	98.5	13 900							38.0
40.0	55.7	94.7	12 800*	57.2	95.5	14 500	59.4	96.6	13 700	61.5	97.4	12 900							40.0
42.0	53.5	93.3	12 000*	55.0	94.2	13 500	57.2	95.3	12 700	59.4	96.3	11 900							42.0
44.0	51.2	91.7	11 300*	52.8	92.7	12 600	55.1	94.0	11 900	57.3	95.0	11 100	60.8	96.3	9 900				44.0
46.0	48.9	90.0	10 600*	50.5	91.1	11 800	52.9	92.5	11 000	55.1	93.7	10 300	58.7	95.1	9 200				46.0
48.0	46.4	88.2	10 000*	48.1	89.4	11 000	50.6	90.9	10 300	52.9	92.2	9 600	56.6	93.8	8 500				48.0
50.0	43.9	86.1	9 400*	45.6	87.5	10 300	48.2	89.2	9 700	50.6	90.6	9 000	54.4	92.4	7 900				50.0
52.0	41.2	83.9	8 800*	43.1	85.4	9 600	45.7	87.3	9 000	48.2	88.9	8 400	52.2	90.9	7 400	55.8	92.2	6 400	52.0
54.0	38.4	81.5	8 300*	40.4	83.1	9 100	43.2	85.2	8 400	45.8	87.0	7 800	49.9	89.3	6 900	53.6	90.8	5 900	54.0
56.0	35.4	78.8	7 800*	37.5	80.6	8 500	40.4	83.0	7 900	43.2	84.9	7 300	47.5	87.5	6 400	51.4	89.2	5 500	56.0
58.0	32.1	75.8	7 500*	34.4	77.8	8 000	37.6	80.5	7 400	40.5	82.7	6 900	45.0	85.5	6 000	49.0	87.5	5 100	58.0
60.0	28.6	72.3	7 100*	31.1	74.7	7 500	34.5	77.7	7 000	37.6	80.2	6 500	42.4	83.4	5 600	46.6	85.7	4 700	60.0
62.0	24.5	68.2	6 800*	27.4	71.0	7 100	31.2	74.5	6 500	34.6	77.4	6 000	39.6	81.1	5 200	44.0	83.7	4 300	62.0
64.0	19.7	63.2	6 500*	23.1	66.7	6 600	27.5	70.9	6 100	31.3	74.3	5 700	36.7	78.5	4 900	41.4	81.5	4 000	64.0
66.0	13.2	56.3	5 400*	17.9	61.3	6 200	23.2	66.6	5 800	27.6	70.7	5 300	33.6	75.6	4 500	38.6	79.1	3 700	66.0
68.0				10.4	53.1	5 200*	18.1	61.2	5 400	23.4	66.4	5 000	30.1	72.4	4 200	35.6	76.4	3 400	68.0
70.0							10.7	53.2	5 000	18.2	61.0	4 600	26.3	68.6	3 900	32.4	73.4	3 200	70.0
72.0													21.8	64.0	3 600	28.8	70.0	2 900	72.0
74.0													16.3	58.1	3 300	24.8	66.0	2 700	74.0
76.0													7.2	48.2	3 100	20.0	61.0	2 400	76.0
78.0																13.7	54.3	2 200	78.0

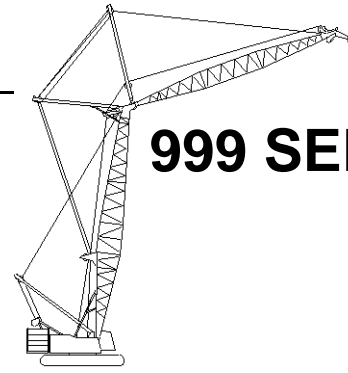


Liftcrane Luffing Jib Capacities

999 SERIES 2

Luffing Jib No. 149 With
Jib Backstay Pendants On
Boom No. 82
83 730 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, 67.1m (220 Ft.) Luffing Jib

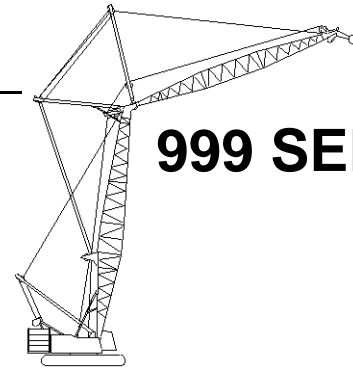
Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
21.3	75.0	106.7	15 800*																21.3
22.0	74.4	106.5	15 800*																22.0
24.0	72.6	105.9	15 600*																24.0
26.0	70.8	105.3	15 400*	72.1	105.6	17 600*													26.0
28.0	69.0	104.5	15 200*	70.3	104.9	17 500*													28.0
30.0	67.1	103.7	15 000*	68.4	104.2	17 300*													30.0
32.0	65.3	102.8	14 700*	66.6	103.3	17 100*	68.5	104.0	16 700*										32.0
34.0	63.4	101.8	14 500*	64.7	102.4	16 900*	66.6	103.1	16 600										34.0
36.0	61.4	100.8	14 100*	62.8	101.4	16 600*	64.7	102.2	15 900	66.7	102.8	14 900							36.0
38.0	59.5	99.6	13 300*	60.8	100.3	15 500	62.8	101.2	14 600	64.8	101.9	13 700							38.0
40.0	57.5	98.4	12 500*	58.8	99.1	14 300	60.9	100.1	13 500	62.9	100.9	12 700							40.0
42.0	55.4	97.0	11 800*	56.8	97.9	13 300	58.9	98.9	12 500	60.9	99.8	11 700							42.0
44.0	53.3	95.6	11 000*	54.7	96.5	12 400	56.9	97.7	11 600	59.0	98.6	10 900							44.0
46.0	51.1	94.0	10 400*	52.6	95.0	11 600	54.8	96.3	10 900	56.9	97.4	10 100	60.3	98.6	8 900				46.0
48.0	48.9	92.3	9 800*	50.4	93.4	10 800	52.7	94.8	10 100	54.9	96.0	9 400	58.3	97.4	8 300				48.0
50.0	46.5	90.5	9 200*	48.2	91.7	10 100	50.5	93.2	9 400	52.7	94.5	8 800	56.3	96.1	7 700				50.0
52.0	44.1	88.5	8 700*	45.8	89.8	9 500	48.2	91.5	8 800	50.5	92.9	8 200	54.2	94.7	7 200	57.6	95.9	6 100	52.0
54.0	41.6	86.3	8 200*	43.4	87.7	8 900	45.9	89.6	8 200	48.3	91.2	7 700	52.0	93.2	6 600	55.5	94.5	5 700	54.0
56.0	38.9	83.9	7 800*	40.8	85.5	8 300	43.4	87.5	7 700	45.9	89.3	7 200	49.8	91.6	6 200	53.4	93.1	5 200	56.0
58.0	36.1	81.3	7 300*	38.1	83.0	7 800	40.9	85.3	7 200	43.5	87.3	6 700	47.5	89.8	5 700	51.2	91.5	4 800	58.0
60.0	33.1	78.3	7 000*	35.2	80.3	7 300	38.2	82.9	6 800	40.9	85.0	6 200	45.2	87.9	5 300	49.0	89.8	4 500	60.0
62.0	29.8	75.0	6 600*	32.1	77.2	6 900	35.3	80.1	6 400	38.2	82.6	5 800	42.7	85.8	5 000	46.7	88.0	4 100	62.0
64.0	26.1	71.2	6 400*	28.7	73.8	6 400	32.2	77.1	5 900	35.4	79.9	5 400	40.1	83.5	4 600	44.3	86.0	3 800	64.0
66.0	21.8	66.6	5 900*	24.8	69.8	6 100	28.8	73.7	5 600	32.3	76.8	5 100	37.3	80.9	4 300	41.8	83.9	3 500	66.0
68.0	16.5	60.7	5 200*	20.3	64.9	5 700	24.9	69.7	5 200	28.9	73.4	4 700	34.4	78.1	4 000	39.1	81.5	3 200	68.0
70.0	8.3	51.4	3 900*	14.5	58.3	5 000	20.5	64.8	4 900	25.0	69.4	4 400	31.2	75.0	3 700	36.3	78.9	3 000	70.0
72.0							14.7	58.3	4 600	20.6	64.6	4 100	27.7	71.4	3 400	33.3	75.9	2 700	72.0
74.0										14.8	58.2	3 800	23.7	67.2	3 100	30.0	72.7	2 400	74.0
76.0													18.9	62.0	2 900	26.3	68.9	2 200	76.0
78.0													12.5	54.7	2 600	22.1	64.3	2 000	78.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 149 With
Jib Backstay Pendants On
Boom No. 82
83 730 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



999 SERIES 2

39.6m (130 Ft.) Boom, 70.1m (230 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
21.3	75.7	109.9	14 800*													21.3
22.0	75.1	109.7	14 700*													22.0
24.0	73.4	109.1	14 500*													24.0
26.0	71.7	108.5	14 400*	72.9	108.8	16 700*										26.0
28.0	69.9	107.8	14 100*	71.1	108.2	16 500*										28.0
30.0	68.2	107.0	13 900*	69.4	107.4	16 400*										30.0
32.0	66.4	106.2	13 700*	67.6	106.7	16 200*	69.5	107.2	16 000*							32.0
34.0	64.6	105.2	13 400*	65.9	105.8	15 800*	67.7	106.4	15 900*							34.0
36.0	62.8	104.2	12 900*	64.1	104.8	15 100*	65.9	105.6	15 600							36.0
38.0	60.9	103.1	12 200*	62.2	103.8	14 400*	64.1	104.6	14 500	66.0	105.2	13 600				38.0
40.0	59.0	102.0	11 500*	60.3	102.7	13 700*	62.3	103.6	13 400	64.2	104.3	12 500				40.0
42.0	57.1	100.7	10 800*	58.4	101.5	12 900*	60.4	102.5	12 400	62.3	103.3	11 600				42.0
44.0	55.1	99.3	10 200*	56.5	100.2	12 200*	58.5	101.3	11 500	60.4	102.2	10 700				44.0
46.0	53.1	97.9	9 600*	54.5	98.8	11 500	56.6	100.0	10 700	58.5	101.0	10 000	61.7	102.1	8 800	46.0
48.0	51.0	96.3	9 100*	52.5	97.3	10 700	54.6	98.6	10 000	56.6	99.7	9 300	59.8	101.0	8 100	48.0
50.0	48.9	94.6	8 600*	50.4	95.7	10 000	52.5	97.1	9 300	54.6	98.3	8 700	57.9	99.8	7 600	50.0
52.0	46.7	92.8	8 100*	48.2	94.0	9 300	50.4	95.5	8 700	52.6	96.8	8 100	56.0	98.5	7 000	52.0
54.0	44.3	90.8	7 600*	45.9	92.1	8 700	48.3	93.8	8 100	50.5	95.2	7 500	54.0	97.0	6 500	54.0
56.0	41.9	88.6	7 200*	43.6	90.0	8 200	46.0	91.9	7 600	48.3	93.5	7 000	51.9	95.5	6 000	56.0
58.0	39.4	86.3	6 800*	41.2	87.8	7 700	43.7	89.9	7 100	46.1	91.6	6 600	49.8	93.9	5 600	58.0
60.0	36.7	83.7	6 500*	38.6	85.4	7 200	41.3	87.7	6 600	43.7	89.6	6 100	47.6	92.1	5 200	60.0
62.0	33.9	80.8	6 200*	35.9	82.7	6 800	38.7	85.2	6 200	41.3	87.4	5 700	45.3	90.2	4 800	62.0
64.0	30.8	77.6	5 900*	33.0	79.8	6 300	36.0	82.6	5 800	38.7	85.0	5 300	43.0	88.1	4 500	64.0
66.0	27.4	74.0	5 700*	29.8	76.5	5 900	33.1	79.6	5 400	36.0	82.3	5 000	40.5	85.8	4 100	66.0
68.0	23.6	69.7	5 500*	26.3	72.7	5 600	29.9	76.3	5 100	33.1	79.4	4 600	37.9	83.3	3 800	68.0
70.0	19.0	64.5	4 800*	22.3	68.2	5 200	26.4	72.6	4 800	30.0	76.1	4 300	35.1	80.6	3 500	70.0
72.0	13.0	57.4	3 900*	17.4	62.5	4 800*	22.4	68.1	4 500	26.5	72.3	4 000	32.2	77.6	3 300	72.0
74.0				10.4	54.2	3 700*	17.5	62.5	4 100	22.5	67.8	3 700	28.9	74.1	3 000	74.0
76.0							10.7	54.3	3 800	17.7	62.3	3 500	25.3	70.2	2 800	76.0
78.0													21.1	65.4	2 500	78.0
80.0													15.8	59.3	2 300	80.0
82.0													7.5	49.3	2 100	82.0

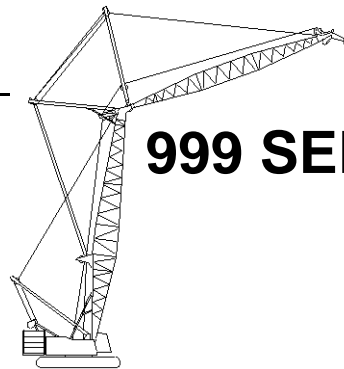


Liftcrane Luffing Jib Capacities

999 SERIES 2

Luffing Jib No. 149 With
Jib Backstay Pendants On
Boom No. 82
83 730 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, 73.2m (240 Ft.) Luffing Jib

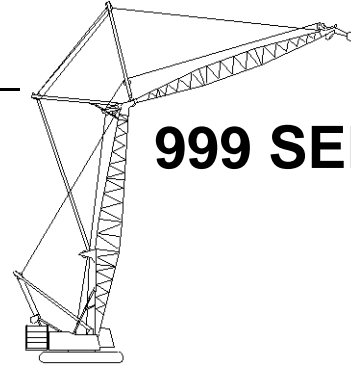
Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	
22.9	75.0	112.6	13 400*										22.9
24.0	74.1	112.3	13 300*										24.0
26.0	72.5	111.7	13 100*	73.6	112.0	15 200*							26.0
28.0	70.8	111.0	13 000*	72.0	111.4	15 000*							28.0
30.0	69.1	110.3	12 800*	70.3	110.7	14 900*							30.0
32.0	67.5	109.5	12 600*	68.6	109.9	14 700*	70.4	110.5	14 500*				32.0
34.0	65.7	108.6	12 400*	66.9	109.1	14 600*	68.7	109.7	14 400*				34.0
36.0	64.0	107.6	12 200*	65.2	108.2	14 300*	67.0	108.9	14 300*				36.0
38.0	62.3	106.6	11 700*	63.5	107.2	13 700*	65.3	108.0	14 200*				38.0
40.0	60.5	105.5	11 100*	61.7	106.2	13 100*	63.5	107.0	13 200	65.3	107.7	12 300	40.0
42.0	58.6	104.3	10 500*	59.9	105.1	12 400*	61.8	106.0	12 200	63.6	106.7	11 400	42.0
44.0	56.8	103.0	9 900*	58.1	103.8	11 800*	60.0	104.9	11 300	61.8	105.7	10 500	44.0
46.0	54.9	101.7	9 400*	56.2	102.5	11 200	58.1	103.6	10 500	60.0	104.5	9 800	46.0
48.0	52.9	100.2	8 800*	54.3	101.1	10 500	56.3	102.3	9 800	58.2	103.3	9 100	48.0
50.0	50.9	98.6	8 400*	52.3	99.6	9 800	54.3	100.9	9 100	56.3	102.0	8 400	50.0
52.0	48.9	96.9	7 900*	50.3	98.0	9 100	52.4	99.4	8 500	54.4	100.6	7 800	52.0
54.0	46.8	95.1	7 500*	48.2	96.3	8 600	50.4	97.8	7 900	52.4	99.1	7 300	54.0
56.0	44.5	93.1	7 100*	46.1	94.4	8 000	48.3	96.1	7 400	50.4	97.5	6 800	56.0
58.0	42.3	91.0	6 700*	43.8	92.4	7 500	46.1	94.2	6 900	48.3	95.8	6 300	58.0
60.0	39.9	88.6	6 400*	41.5	90.2	7 000	43.9	92.2	6 400	46.2	93.9	5 900	60.0
62.0	37.3	86.1	6 000*	39.1	87.8	6 600	41.6	90.0	6 000	44.0	91.9	5 500	62.0
64.0	34.6	83.3	5 800*	36.5	85.2	6 200	39.2	87.6	5 600	41.7	89.7	5 100	64.0
66.0	31.8	80.2	5 500*	33.8	82.3	5 800	36.6	85.0	5 300	39.2	87.3	4 800	66.0
68.0	28.6	76.7	5 300*	30.8	79.1	5 400	33.9	82.2	4 900	36.7	84.7	4 400	68.0
70.0	25.1	72.7	5 000*	27.6	75.5	5 000	30.9	79.0	4 600	33.9	81.9	4 100	70.0
72.0	21.1	68.0	4 400*	23.9	71.3	4 700	27.7	75.4	4 300	31.0	78.7	3 800	72.0
74.0	16.1	61.9	3 600*	19.6	66.2	4 300	24.0	71.2	4 000	27.8	75.1	3 500	74.0
76.0	8.5	52.5	2 600*	14.2	59.5	3 500*	19.8	66.1	3 700	24.1	70.9	3 300	76.0
78.0							14.4	59.5	3 400	19.9	65.9	3 000	78.0
80.0										14.5	59.3	2 800	80.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 149 With
Jib Backstay Pendants On
Boom No. 82
83 730 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



999 SERIES 2

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

Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib 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	63.1	63.9	54 400*b																			13.7
14.0	62.2	63.8	53 700*b																			14.0
16.0	55.9	62.5	49 100*b	60.6	63.4	52 200b																16.0
18.0	49.0	60.9	45 200*	54.1	62.1	46 000	61.3	63.3	44 100b													18.0
20.0	41.2	58.9	41 100	47.1	60.4	40 000	54.9	62.0	38 400b	61.9	63.0	36 900b										20.0
22.0	32.0	56.1	36 300	39.1	58.1	35 400	47.9	60.3	34 000	55.6	61.8	32 600b										22.0
24.0	19.0	51.7	31 400	29.2	55.1	31 700	40.0	58.2	30 400	48.7	60.1	29 200										24.0
26.0							30.4	55.2	27 400	40.9	58.1	26 300	54.3	60.6	24 400							26.0
28.0										31.5	55.2	23 900	47.3	58.9	22 200							28.0
30.0										18.2	50.7	21 800	39.3	56.7	20 200	52.7	59.1	18 700				30.0
32.0													29.5	53.7	18 600	45.5	57.3	17 100				32.0
34.0																37.2	54.9	15 700	50.7	57.1	14 500	34.0
36.0																26.7	51.6	14 600	43.2	55.2	13 300	36.0
38.0																6.7	44.4	13 400	34.4	52.6	12 300	38.0
40.0																			22.8	48.8	11 400	40.0

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

Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib 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	66.7	67.3	52 600*b																			13.7
14.0	65.9	67.2	51 900*b																			14.0
16.0	60.6	66.2	47 500*b	64.6	66.9	50 600*b																16.0
18.0	55.0	64.9	43 800*	59.2	65.8	45 600	65.2	66.7	43 900b													18.0
20.0	49.0	63.2	40 100*	53.5	64.4	39 900	59.8	65.6	38 200	65.7	66.5	36 600b									20.0	
22.0	42.3	61.2	35 400*	47.3	62.7	35 300	54.2	64.3	33 800	60.4	65.4	32 300b									22.0	
24.0	34.6	58.6	31 700*	40.4	60.5	31 500	48.0	62.6	30 200	54.8	64.1	28 900									24.0	
26.0	24.8	55.0	29 000*	32.3	57.7	28 400	41.2	60.5	27 300	48.7	62.4	26 100	59.4	64.3	24 100						26.0	
28.0				21.6	53.6	25 800	33.3	57.8	24 800	42.0	60.4	23 700	53.7	62.9	21 900						28.0	
30.0							23.0	53.9	22 600	34.2	57.8	21 700	47.5	61.2	20 000						30.0	
32.0										24.3	54.1	19 900	40.6	59.1	18 400	52.3	61.4	16 900			32.0	
34.0													32.5	56.3	16 900	45.9	59.6	15 500			34.0	
36.0													21.9	52.3	15 600	38.9	57.3	14 300			36.0	
38.0																30.4	54.3	13 300	44.0	57.5	12 100	38.0
40.0																			36.6	55.1	11 200	40.0
42.0																			27.4	51.8	10 400	42.0
44.0																			13.3	46.1	9 700	44.0

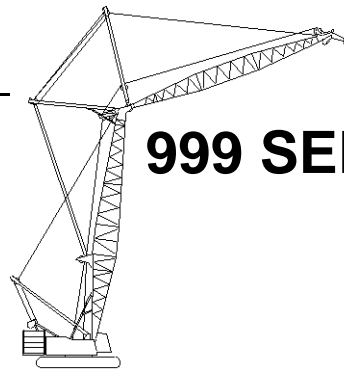


Liftcrane Luffing Jib Capacities

999 SERIES 2

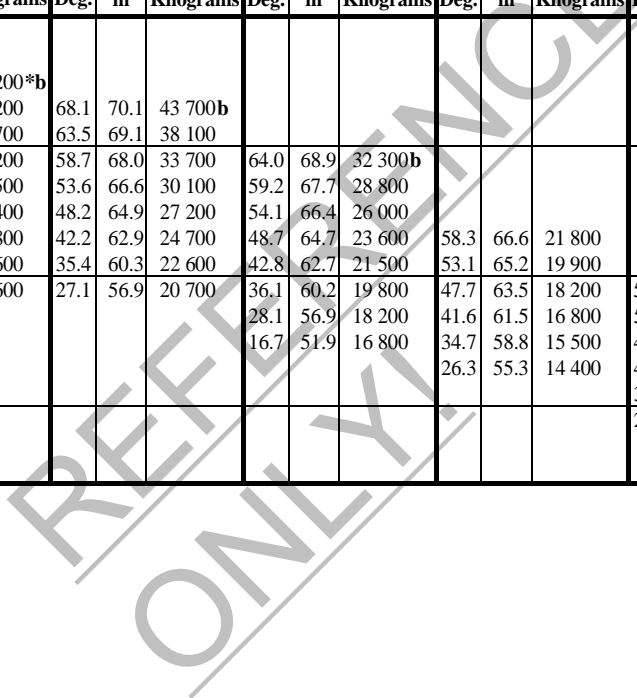
Luffing Jib No. 149 With
Jib Backstay Pendants On
Boom No. 82
83 730 kg Crane Counterweight
19 960 kg Carbody Counterweight
360 Degree Rating

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



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

Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	
13.7	69.4	70.6	49 100*b																			13.7
14.0	68.8	70.5	48 800*b																			14.0
16.0	64.2	69.6	46 200*b	67.6	70.2	49 200*b																16.0
18.0	59.4	68.5	42 700*	63.0	69.3	45 200	68.1	70.1	43 700b													18.0
20.0	54.4	67.2	38 800*	58.1	68.1	39 700	63.5	69.1	38 100													20.0
22.0	49.0	65.5	34 500*	53.0	66.7	35 200	58.7	68.0	33 700	64.0	68.9	32 300b										22.0
24.0	43.1	63.6	30 700*	47.5	65.0	31 500	53.6	66.6	30 100	59.2	67.7	28 800										24.0
26.0	36.4	61.1	27 600*	41.5	62.9	28 400	48.2	64.9	27 200	54.1	66.4	26 000										26.0
28.0	28.5	57.8	25 200*	34.6	60.2	25 800	42.2	62.9	24 700	48.7	64.7	23 600	58.3	66.6	21 800							28.0
30.0	17.3	52.9	23 500*	26.1	56.7	23 600	35.4	60.3	22 600	42.8	62.7	21 500	53.1	65.2	19 900							30.0
32.0				13.0	50.8	21 600	27.1	56.9	20 700	36.1	60.2	19 800	47.7	63.5	18 200	57.1	65.2	16 700				32.0
34.0										28.1	56.9	18 200	41.6	61.5	16 800	51.9	63.7	15 300				34.0
36.0										16.7	51.9	16 800	34.7	58.8	15 500	46.3	61.9	14 200				36.0
38.0													26.3	55.3	14 400	40.1	59.7	13 200				38.0
40.0																32.9	56.9	12 200	44.6	59.8	11 100	40.0
42.0																23.9	53.1	11 400	38.1	57.5	10 300	42.0
44.0																			30.6	54.5	9 600	44.0
46.0																			20.6	50.1	8 900	46.0

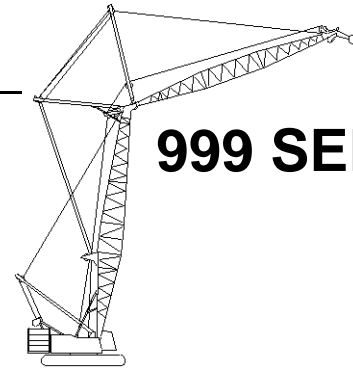




Liftcrane Luffing Jib Capacities

Luffing Jib No. 149 With
Jib Backstay Pendants On
Boom No. 82
83 730 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



999 SERIES 2

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

Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib 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	71.6	73.9	45 200*b																			13.7
14.0	71.0	73.8	44 900*b																			14.0
16.0	66.9	73.0	43 100*b	70.0	73.5	47 600*b																16.0
18.0	62.8	72.0	41 200*	65.9	72.7	43 900*																18.0
20.0	58.4	70.9	37 600*	61.7	71.6	39 600	66.3	72.5	37 900													20.0
22.0	53.8	69.5	33 500*	57.3	70.4	35 000	62.1	71.5	33 500													22.0
24.0	49.0	67.8	30 000*	52.6	69.0	31 300	57.8	70.3	29 900	62.6	71.3	28 600										24.0
26.0	43.7	65.9	26 900*	47.7	67.3	28 200	53.1	68.9	27 000	58.2	70.1	25 700										26.0
28.0	37.9	63.5	24 300*	42.3	65.2	25 700	48.2	67.2	24 500	53.6	68.7	23 400	61.8	70.2	21 500							28.0
30.0	31.1	60.5	22 200*	36.2	62.7	23 400	42.9	65.2	22 400	48.8	67.0	21 300	57.4	69.0	19 600							30.0
32.0	22.5	56.4	20 700*	29.1	59.5	21 500	37.0	62.8	20 500	43.5	65.1	19 600	52.7	67.5	18 000							32.0
34.0				19.8	54.9	19 800	30.0	59.7	19 000	37.6	62.7	18 100	47.8	65.8	16 600	56.3	67.5	15 100				34.0
36.0							21.0	55.3	17 500	30.8	59.6	16 700	42.4	63.8	15 300	51.6	66.0	13 900				36.0
38.0										22.1	55.5	15 500	36.4	61.3	14 200	46.6	64.2	12 900				38.0
40.0													29.3	58.1	13 200	41.1	62.1	12 000	50.2	64.0	10 800	40.0
42.0													20.0	53.6	12 300	34.9	59.4	11 200	45.0	62.2	10 000	42.0
44.0																27.4	56.0	10 400	39.3	59.9	9 300	44.0
46.0																			32.8	57.1	8 700	46.0
48.0																			24.9	53.3	8 100	48.0
50.0																			12.7	47.2	7 600	50.0

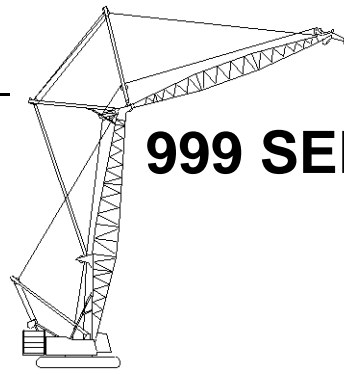


Liftcrane Luffing Jib Capacities

999 SERIES 2

Luffing Jib No. 149 With
Jib Backstay Pendants On
Boom No. 82
83 730 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

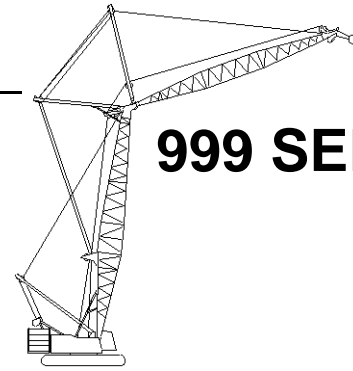
Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib 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	73.3	77.1	41 600*b																			13.7
14.0	72.8	77.0	41 400*b																			14.0
16.0	69.1	76.3	39 900*	71.9	76.7	46 000*b																16.0
18.0	65.4	75.4	38 400*	68.2	76.0	42 700*																18.0
20.0	61.6	74.4	36 400*	64.5	75.1	39 500	68.6	75.8	37 800													20.0
22.0	57.6	73.2	32 600*	60.6	74.0	35 000	64.9	74.9	33 400													22.0
24.0	53.4	71.8	29 300*	56.5	72.8	31 200	61.0	73.9	29 900	65.3	74.7	28 500										24.0
26.0	49.0	70.1	26 400*	52.3	71.3	28 200	57.0	72.7	27 000	61.4	73.6	25 700										26.0
28.0	44.2	68.2	23 800*	47.8	69.6	25 600	52.8	71.2	24 500	57.4	72.4	23 300										28.0
30.0	39.0	65.9	21 600*	42.9	67.6	23 400	48.3	69.5	22 400	53.2	71.0	21 300	60.7	72.6	19 600							30.0
32.0	33.1	63.1	19 800*	37.6	65.1	21 500	43.5	67.5	20 500	48.8	69.3	19 500	56.6	71.3	17 900							32.0
34.0	26.0	59.5	18 400*	31.4	62.2	19 900	38.2	65.2	19 000	44.0	67.4	18 000	52.4	69.8	16 500							34.0
36.0	16.2	54.1	17 500*	23.9	58.2	18 400	32.2	62.3	17 500	38.8	65.1	16 700	47.9	68.1	15 300	55.7	69.8	13 900				36.0
38.0				12.5	51.9	17 100	24.8	58.5	16 300	32.8	62.2	15 500	43.1	66.1	14 200	51.4	68.3	12 800				38.0
40.0										25.7	58.6	14 400	37.7	63.7	13 200	46.8	66.5	11 900				40.0
42.0										15.7	53.1	13 400	31.6	60.7	12 300	41.9	64.4	11 100	50.1	66.3	9 900	42.0
44.0													24.1	56.8	11 500	36.4	61.9	10 400	45.4	64.5	9 300	44.0
46.0																30.0	58.8	9 700	40.3	62.3	8 700	46.0
48.0																22.0	54.5	9 100	34.6	59.6	8 100	48.0
50.0																			27.9	56.2	7 600	50.0
52.0																			19.0	51.4	7 000	52.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 149 With
Jib Backstay Pendants On
Boom No. 82
83 730 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



999 SERIES 2

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

Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib 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	80.3	38 700*b																			13.7
14.0	74.3	80.2	38 500*b																			14.0
16.0	71.0	79.6	36 900*																			16.0
18.0	67.6	78.8	35 700*	70.1	79.3	41 300*																18.0
20.0	64.2	77.9	34 300*	66.7	78.4	38 400	70.5	79.1	37 600													20.0
22.0	60.6	76.8	31 700*	63.2	77.5	34 900	67.1	78.3	33 200													22.0
24.0	56.9	75.5	28 600*	59.7	76.4	31 100	63.6	77.4	29 600													24.0
26.0	53.0	74.1	25 800*	55.9	75.1	28 000	60.1	76.3	26 700	64.0	77.1	25 400										26.0
28.0	49.0	72.4	23 400*	52.0	73.6	25 400	56.4	75.0	24 200	60.4	76.0	23 100										28.0
30.0	44.6	70.5	21 200*	47.9	71.9	23 200	52.5	73.5	22 100	56.7	74.8	21 100										30.0
32.0	39.9	68.3	19 300*	43.5	69.9	21 400	48.4	71.8	20 300	52.9	73.3	19 300	59.7	74.9	17 600							32.0
34.0	34.7	65.6	17 700*	38.6	67.5	19 700	44.0	69.9	18 700	48.8	71.6	17 800	56.0	73.6	16 200							34.0
36.0	28.6	62.3	16 400*	33.2	64.7	18 200	39.2	67.6	17 400	44.4	69.7	16 500	52.1	72.2	15 000							36.0
38.0	20.9	57.8	15 500*	26.8	61.2	16 900	33.9	64.8	16 100	39.7	67.5	15 300	48.0	70.4	13 900	55.1	72.1	12 600				38.0
40.0				18.5	56.2	15 800	27.6	61.4	15 000	34.4	64.7	14 200	43.6	68.5	12 900	51.2	70.6	11 700				40.0
42.0							19.6	56.6	14 000	28.3	61.4	13 300	38.8	66.1	12 100	47.0	68.8	10 900				42.0
44.0										20.5	56.8	12 400	33.4	63.3	11 200	42.5	66.8	10 100	50.0	68.6	9 000	44.0
46.0													27.0	59.8	10 500	37.6	64.3	9 400	45.7	66.8	8 400	46.0
48.0													18.7	54.9	9 800	32.0	61.4	8 800	41.1	64.6	7 800	48.0
50.0																25.3	57.6	8 200	36.0	62.1	7 300	50.0
52.0																			30.2	58.9	6 800	52.0
54.0																			23.0	54.8	6 400	54.0
56.0																			12.3	48.3	5 900	56.0

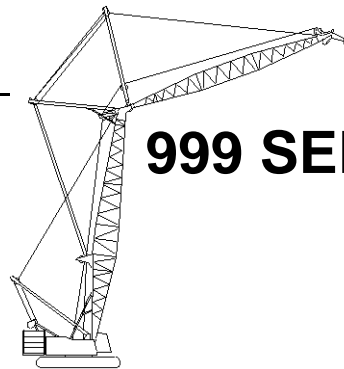


Liftcrane Luffing Jib Capacities

999 SERIES 2

Luffing Jib No. 149 With
Jib Backstay Pendants On
Boom No. 82
83 730 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

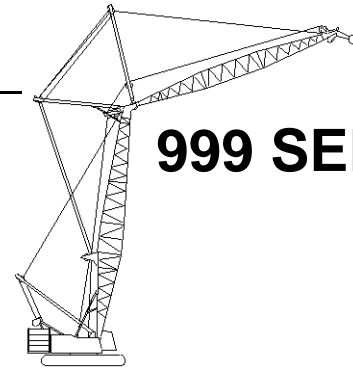
Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib 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	83.4	35 200*b																			13.7
14.0	75.5	83.4	35 100*b																			14.0
16.0	72.5	82.8	34 300*																			16.0
18.0	69.4	82.1	33 000*	71.7	82.5	39 900*																18.0
20.0	66.3	81.2	32 000*	68.6	81.8	37 400*																20.0
22.0	63.1	80.3	30 600*	65.5	80.9	34 700	69.0	81.6	33 100													22.0
24.0	59.8	79.1	27 800*	62.2	79.9	30 900	65.8	80.7	29 500													24.0
26.0	56.3	77.9	25 300*	58.9	78.7	27 900	62.6	79.7	26 500	66.1	80.5	25 200										26.0
28.0	52.7	76.4	23 000*	55.4	77.4	25 300	59.3	78.6	24 100	62.9	79.5	22 900										28.0
30.0	49.0	74.7	20 900*	51.8	75.9	23 100	55.8	77.3	22 000	59.6	78.4	20 900										30.0
32.0	45.0	72.8	19 000*	48.0	74.2	21 200	52.2	75.8	20 200	56.2	77.1	19 100	62.3	78.4	17 500							32.0
34.0	40.7	70.6	17 500*	43.9	72.2	19 600	48.4	74.1	18 600	52.6	75.6	17 700	59.0	77.3	16 100							34.0
36.0	36.0	68.1	16 100*	39.5	69.9	18 100	44.4	72.2	17 200	48.8	73.9	16 300	55.5	76.0	14 800							36.0
38.0	30.6	64.9	14 900*	34.7	67.2	16 800	40.0	69.9	16 000	44.8	72.0	15 200	51.9	74.5	13 700							38.0
40.0	24.2	61.0	14 000*	29.1	63.9	15 700	35.2	67.3	14 900	40.5	69.8	14 100	48.1	72.7	12 700	54.7	74.4	11 500				40.0
42.0	15.4	55.3	13 500*	22.3	59.7	14 600	29.8	64.1	13 900	35.7	67.2	13 100	44.0	70.8	11 900	51.0	72.9	10 700				42.0
44.0				12.2	53.0	13 600	23.1	60.0	13 000	30.4	64.1	12 300	39.6	68.5	11 100	47.1	71.1	10 000				44.0
46.0										23.9	60.1	11 500	34.8	65.8	10 400	43.0	69.1	9 200	49.9	70.9	8 200	46.0
48.0										14.9	54.2	10 700	29.2	62.5	9 700	38.5	66.7	8 700	46.0	69.1	7 600	48.0
50.0													22.5	58.3	9 100	33.6	63.9	8 100	41.8	67.0	7 100	50.0
52.0																27.8	60.5	7 600	37.1	64.5	6 700	52.0
54.0																20.6	55.9	7 100	32.0	61.5	6 200	54.0
56.0																			25.9	57.8	5 800	56.0
58.0																			17.9	52.7	5 400	58.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 149 With
Jib Backstay Pendants On
Boom No. 82
83 730 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



999 SERIES 2

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

Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib 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	86.2	31 700*																			15.2
16.0	73.8	86.0	31 300*																			16.0
18.0	70.9	85.3	30 500*																			18.0
20.0	68.1	84.5	29 900*	70.2	85.0	36 200*																20.0
22.0	65.1	83.7	28 800*	67.3	84.2	33 800																22.0
24.0	62.1	82.6	27 200*	64.4	83.3	30 800	67.6	84.1	29 300													24.0
26.0	59.0	81.5	24 700*	61.3	82.3	27 700	64.7	83.2	26 300													26.0
28.0	55.8	80.2	22 600*	58.2	81.1	25 100	61.7	82.1	23 900	65.0	82.9	22 700										28.0
30.0	52.5	78.7	20 600*	55.0	79.7	22 900	58.6	81.0	21 800	62.0	81.9	20 700										30.0
32.0	49.0	77.0	18 900*	51.6	78.2	21 000	55.3	79.6	20 000	58.9	80.7	18 900										32.0
34.0	45.3	75.2	17 300*	48.1	76.5	19 400	52.0	78.1	18 400	55.7	79.4	17 400	61.4	80.8	15 800							34.0
36.0	41.3	73.0	15 900*	44.3	74.5	17 900	48.5	76.4	17 000	52.3	77.9	16 100	58.3	79.6	14 600							36.0
38.0	37.0	70.5	14 700*	40.3	72.3	16 700	44.7	74.5	15 800	48.8	76.2	14 900	55.0	78.3	13 500							38.0
40.0	32.2	67.5	13 600*	35.9	69.7	15 500	40.7	72.3	14 700	45.1	74.3	13 900	51.7	76.8	12 500							40.0
42.0	26.7	63.9	12 800*	30.9	66.6	14 500	36.4	69.7	13 700	41.1	72.2	12 900	48.1	75.0	11 700	54.3	76.8	10 400				42.0
44.0	19.7	59.1	12 200*	25.1	62.7	13 500	31.5	66.7	12 800	36.8	69.7	12 100	44.4	73.1	10 900	50.9	75.2	9 700				44.0
46.0				17.5	57.5	12 700	25.8	63.0	12 000	32.0	66.7	11 300	40.4	70.9	10 200	47.3	73.4	9 000				46.0
48.0							18.5	57.9	11 200	26.4	63.0	10 600	36.0	68.3	9 500	43.5	71.4	8 400	49.8	73.2	7 400	48.0
50.0										19.4	58.2	9 900	31.0	65.2	8 900	39.4	69.1	7 900	46.2	71.4	6 900	50.0
52.0													25.2	61.4	8 300	34.9	66.4	7 300	42.3	69.3	6 400	52.0
54.0													17.7	56.1	7 800	29.8	63.2	6 900	38.1	66.9	5 900	54.0
56.0																23.7	59.1	6 400	33.5	64.1	5 500	56.0
58.0																			28.1	60.6	5 100	58.0
60.0																			21.6	56.2	4 800	60.0
62.0																			12.0	49.4	4 400	62.0

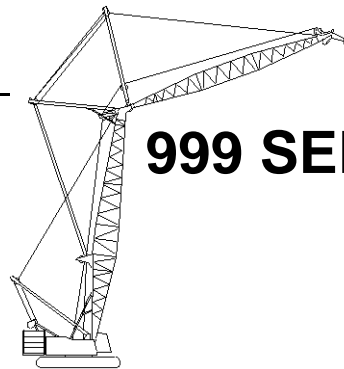


Liftcrane Luffing Jib Capacities

999 SERIES 2

Luffing Jib No. 149 With
Jib Backstay Pendants On
Boom No. 82
83 730 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

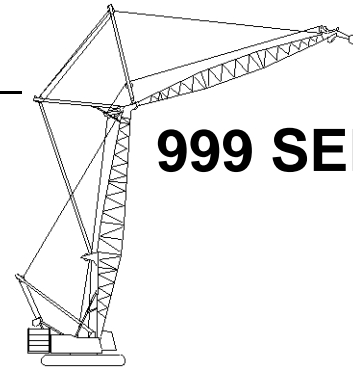
Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib 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	89.3	29 200*																			15.2
16.0	74.9	89.1	28 900*																			16.0
18.0	72.3	88.5	28 200*																			18.0
20.0	69.6	87.8	27 500*	71.6	88.3	33 800*																20.0
22.0	66.9	87.0	26 800*	68.9	87.5	32 900*																22.0
24.0	64.1	86.1	26 000*	66.2	86.7	30 600	69.2	87.4	29 200													24.0
26.0	61.3	85.0	24 100*	63.4	85.7	27 600	66.5	86.5	26 300													26.0
28.0	58.4	83.8	22 100*	60.6	84.6	25 000	63.7	85.6	23 800	66.8	86.2	22 600										28.0
30.0	55.4	82.5	20 300*	57.6	83.4	22 800	60.9	84.5	21 700	64.0	85.3	20 600										30.0
32.0	52.3	81.0	18 600*	54.6	82.0	21 000	58.0	83.3	19 900	61.2	84.3	18 800										32.0
34.0	49.0	79.3	17 100*	51.4	80.5	19 300	54.9	81.9	18 300	58.3	83.1	17 400										34.0
36.0	45.5	77.5	15 700*	48.1	78.8	17 900	51.8	80.4	17 000	55.2	81.7	16 000	60.6	83.2	14 500							36.0
38.0	41.9	75.3	14 500*	44.6	76.8	16 600	48.5	78.7	15 700	52.1	80.2	14 800	57.7	82.0	13 400							38.0
40.0	37.9	72.9	13 400*	40.9	74.6	15 400	45.0	76.8	14 600	48.8	78.5	13 800	54.7	80.6	12 400							40.0
42.0	33.6	70.1	12 500*	36.9	72.1	14 400	41.3	74.6	13 600	45.4	76.7	12 800	51.5	79.1	11 600							42.0
44.0	28.7	66.7	11 800*	32.4	69.2	13 500	37.3	72.2	12 700	41.7	74.5	12 000	48.2	77.3	10 800	53.9	79.1	9 600				44.0
46.0	22.8	62.5	11 200*	27.3	65.6	12 600	32.9	69.3	12 000	37.8	72.1	11 200	44.7	75.4	10 100	50.7	77.5	8 900				46.0
48.0	14.8	56.4	10 800*	21.0	61.0	11 900	27.9	65.8	11 200	33.4	69.2	10 500	41.0	73.2	9 400	47.4	75.7	8 300				48.0
50.0				11.9	54.1	11 100	21.8	61.4	10 500	28.4	65.8	9 900	37.0	70.7	8 800	43.9	73.7	7 800	49.8	75.5	6 800	50.0
52.0										22.5	61.5	9 300	32.5	67.8	8 200	40.1	71.5	7 300	46.4	73.7	6 300	52.0
54.0										14.4	55.3	8 700	27.4	64.2	7 800	36.0	68.9	6 800	42.8	71.6	5 900	54.0
56.0													21.2	59.7	7 300	31.4	65.8	6 400	38.9	69.3	5 500	56.0
58.0																26.1	62.1	6 000	34.7	66.6	5 100	58.0
60.0																19.5	57.2	5 600	29.9	63.3	4 700	60.0
62.0																			24.3	59.3	4 400	62.0
64.0																			17.1	53.9	4 100	64.0



Liftcrane Luffing Jib Capacities

**Luffing Jib No. 149 With
Jib Backstay Pendants On
Boom No. 82
83 730 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



999 SERIES 2

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

Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib 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	74.9	92.1	26 600*																			16.8
18.0	73.4	91.7	26 100*																			18.0
20.0	70.9	91.1	25 400*	72.8	91.5	30 700*																20.0
22.0	68.4	90.3	24 800*	70.3	90.8	30 500*																22.0
24.0	65.9	89.5	24 200*	67.8	90.0	29 400*																24.0
26.0	63.3	88.5	23 300*	65.2	89.1	27 400	68.0	89.8	26 000													26.0
28.0	60.6	87.4	21 400*	62.6	88.1	24 800	65.5	89.0	23 600													28.0
30.0	57.8	86.2	19 800*	59.9	87.0	22 700	62.9	88.0	21 500	65.7	88.7	20 400										30.0
32.0	55.0	84.8	18 200*	57.1	85.7	20 800	60.2	86.9	19 700	63.1	87.7	18 600										32.0
34.0	52.1	83.3	16 800*	54.2	84.4	19 100	57.4	85.6	18 100	60.5	86.6	17 100										34.0
36.0	49.0	81.6	15 500*	51.3	82.8	17 700	54.6	84.3	16 700	57.7	85.4	15 800										36.0
38.0	45.8	79.8	14 300*	48.2	81.1	16 400	51.6	82.7	15 500	54.9	84.0	14 600	59.9	85.5	13 200							38.0
40.0	42.4	77.7	13 300*	44.9	79.2	15 300	48.5	81.0	14 400	51.9	82.5	13 600	57.2	84.3	12 200							40.0
42.0	38.7	75.3	12 300*	41.4	77.0	14 200	45.3	79.1	13 400	48.8	80.8	12 600	54.3	82.9	11 300							42.0
44.0	34.7	72.6	11 500*	37.7	74.5	13 300	41.8	77.0	12 600	45.6	79.0	11 800	51.3	81.4	10 500							44.0
46.0	30.3	69.4	10 800*	33.6	71.7	12 400	38.1	74.6	11 700	42.2	76.9	11 000	48.2	79.6	9 800	53.6	81.4	8 700				46.0
48.0	25.2	65.5	10 200*	29.1	68.4	11 700	34.1	71.8	11 000	38.5	74.5	10 300	45.0	77.7	9 200	50.6	79.8	8 100				48.0
50.0	18.8	60.4	9 900*	23.7	64.2	11 000	29.6	68.5	10 300	34.5	71.7	9 700	41.5	75.6	8 600	47.5	78.0	7 500				50.0
52.0				16.7	58.7	10 300	24.3	64.5	9 700	30.1	68.5	9 100	37.8	73.1	8 000	44.2	76.1	7 000	49.7	77.8	6 000	52.0
54.0							17.6	59.2	9 100	24.9	64.6	8 500	33.7	70.3	7 500	40.7	73.8	6 600	46.6	76.0	5 600	54.0
56.0										18.4	59.4	8 000	29.2	67.0	7 100	36.9	71.3	6 100	43.2	74.0	5 200	56.0
58.0													23.8	62.9	6 600	32.7	68.4	5 700	39.6	71.7	4 800	58.0
60.0													16.9	57.3	6 200	28.0	64.9	5 300	35.7	69.0	4 500	60.0
62.0																22.4	60.6	5 000	31.4	66.0	4 200	62.0
64.0																14.9	54.5	4 600	26.5	62.3	3 900	64.0
66.0																			20.5	57.6	3 600	66.0
68.0																			11.8	50.4	3 300	68.0

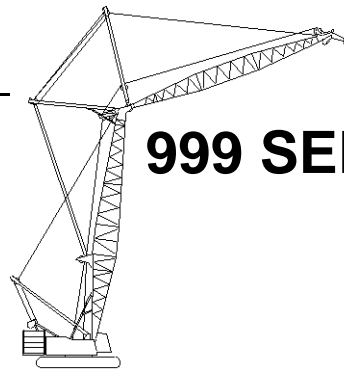


Liftcrane Luffing Jib Capacities

999 SERIES 2

Luffing Jib No. 149 With
Jib Backstay Pendants On
Boom No. 82
83 730 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, 51.8m (170 Ft.) Luffing Jib

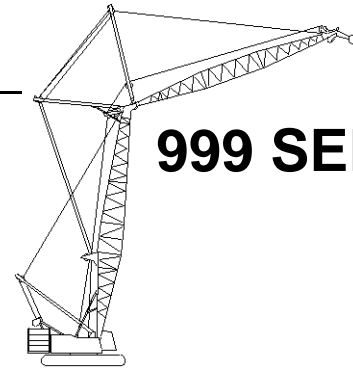
Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib 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	75.8	95.3	24 500*																			16.8
18.0	74.4	94.9	24 200*																			18.0
20.0	72.1	94.3	23 700*	73.8	94.7	28 000*																20.0
22.0	69.8	93.6	23 100*	71.5	94.0	27 900*																22.0
24.0	67.4	92.8	22 600*	69.1	93.3	27 600*																24.0
26.0	64.9	91.9	22 200*	66.8	92.5	26 300*	69.4	93.1	25 900													26.0
28.0	62.5	90.9	20 900*	64.3	91.5	24 700	67.0	92.3	23 400													28.0
30.0	59.9	89.8	19 300*	61.8	90.5	22 500	64.6	91.4	21 300													30.0
32.0	57.3	88.5	17 800*	59.3	89.3	20 600	62.1	90.4	19 500	64.8	91.1	18 400										32.0
34.0	54.6	87.1	16 500*	56.6	88.1	19 000	59.6	89.2	18 000	62.4	90.1	16 900										34.0
36.0	51.9	85.6	15 300*	53.9	86.7	17 500	56.9	88.0	16 600	59.8	89.0	15 600										36.0
38.0	49.0	83.9	14 200*	51.1	85.1	16 200	54.2	86.6	15 300	57.2	87.7	14 500										38.0
40.0	46.0	82.1	13 100*	48.2	83.4	15 100	51.5	85.0	14 300	54.5	86.4	13 400	59.3	87.9	12 000							40.0
42.0	42.8	80.0	12 200*	45.2	81.5	14 100	48.6	83.3	13 300	51.7	84.8	12 500	56.7	86.6	11 200							42.0
44.0	39.4	77.7	11 400*	41.9	79.3	13 200	45.5	81.4	12 400	48.9	83.1	11 600	54.0	85.2	10 400							44.0
46.0	35.7	75.0	10 700*	38.5	76.9	12 300	42.3	79.3	11 600	45.8	81.3	10 900	51.2	83.7	9 700	56.1	85.1	8 500				46.0
48.0	31.7	72.0	10 000*	34.7	74.2	11 600	38.9	77.0	10 800	42.6	79.2	10 200	48.3	81.9	9 000	53.4	83.7	7 900				48.0
50.0	27.1	68.4	9 500*	30.6	71.0	10 800	35.1	74.3	10 200	39.2	76.8	9 500	45.2	80.0	8 400	50.5	82.1	7 300				50.0
52.0	21.7	63.9	9 100*	25.8	67.2	10 200	31.0	71.1	9 600	35.5	74.2	8 900	42.0	77.9	7 900	47.6	80.3	6 800	52.5	81.8	5 900	52.0
54.0	14.3	57.5	8 700*	20.0	62.4	9 600	26.4	67.4	9 000	31.5	71.1	8 400	38.5	75.5	7 400	44.5	78.4	6 400	49.7	80.1	5 400	54.0
56.0				11.7	55.1	8 800	20.7	62.7	8 400	26.9	67.5	7 900	34.8	72.8	6 900	41.2	76.2	6 000	46.7	78.3	5 000	56.0
58.0										21.4	62.9	7 400	30.7	69.6	6 500	37.7	73.7	5 600	43.6	76.3	4 700	58.0
60.0										13.9	56.5	6 900	25.9	65.8	6 000	33.9	70.9	5 200	40.2	74.0	4 300	60.0
62.0													20.2	61.0	5 700	29.6	67.6	4 800	36.6	71.5	4 000	62.0
64.0													12.0	53.9	5 300	24.7	63.6	4 500	32.7	68.5	3 700	64.0
66.0																18.6	58.5	4 200	28.3	65.1	3 400	66.0
68.0																			23.1	60.8	3 100	68.0
70.0																			16.4	55.1	2 900	70.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 149 With
Jib Backstay Pendants On
Boom No. 82
83 730 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



999 SERIES 2

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

Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
18.3	75.0	98.0	22 200*																			18.3
20.0	73.1	97.5	21 800*																			20.0
22.0	70.9	96.8	21 400*	72.6	97.2	25 200*																22.0
24.0	68.7	96.1	20 900*	70.4	96.5	25 100*																24.0
26.0	66.4	95.2	20 300*	68.1	95.8	24 900*	70.6	96.4	24 300													26.0
28.0	64.1	94.3	20 000*	65.8	94.9	23 800*	68.4	95.6	23 400													28.0
30.0	61.8	93.3	18 900*	63.5	93.9	22 200	66.1	94.8	21 100													30.0
32.0	59.4	92.1	17 500*	61.2	92.9	20 400	63.8	93.8	19 300	66.3	94.5	18 200										32.0
34.0	56.9	90.8	16 300*	58.7	91.7	18 800	61.4	92.7	17 700	64.0	93.5	16 700										34.0
36.0	54.3	89.5	15 100*	56.2	90.4	17 300	59.0	91.6	16 400	61.7	92.5	15 400										36.0
38.0	51.7	87.9	14 000*	53.7	89.0	16 100	56.5	90.3	15 200	59.2	91.3	14 200										38.0
40.0	49.0	86.2	13 100*	51.0	87.4	14 900	54.0	88.9	14 000	56.8	90.1	13 200	61.2	91.4	11 800							40.0
42.0	46.1	84.4	12 200*	48.3	85.7	13 900	51.3	87.3	13 100	54.2	88.7	12 300	58.8	90.2	10 900							42.0
44.0	43.1	82.3	11 400*	45.4	83.8	13 000	48.6	85.6	12 200	51.6	87.1	11 400	56.3	89.0	10 100							44.0
46.0	40.0	80.0	10 600*	42.3	81.7	12 100	45.7	83.8	11 400	48.9	85.4	10 600	53.7	87.5	9 400							46.0
48.0	36.6	77.5	9 900*	39.1	79.3	11 400	42.7	81.7	10 700	46.0	83.6	9 900	51.1	86.0	8 800	55.7	87.5	7 600				48.0
50.0	32.9	74.5	9 400*	35.6	76.7	10 700	39.5	79.3	10 000	43.0	81.5	9 300	48.3	84.2	8 200	53.1	86.0	7 100				50.0
52.0	28.7	71.1	8 800*	31.8	73.6	10 000	36.0	76.7	9 400	39.8	79.2	8 700	45.5	82.3	7 700	50.5	84.4	6 600				52.0
54.0	23.9	67.0	8 500*	27.6	70.1	9 400	32.3	73.7	8 800	36.4	76.6	8 200	42.4	80.2	7 100	47.7	82.6	6 100				54.0
56.0	18.0	61.7	8 200*	22.6	65.7	8 800	28.1	70.2	8 300	32.7	73.7	7 700	39.2	77.9	6 700	44.8	80.7	5 700	49.7	82.4	4 800	56.0
58.0				16.1	59.9	8 300	23.2	66.0	7 800	28.5	70.2	7 200	35.7	75.2	6 200	41.7	78.5	5 300	46.8	80.6	4 400	58.0
60.0							17.0	60.4	7 300	23.7	66.1	6 800	31.9	72.2	5 800	38.4	76.1	4 900	43.9	78.6	4 100	60.0
62.0										17.7	60.7	6 300	27.7	68.7	5 500	34.9	73.4	4 600	40.7	76.4	3 700	62.0
64.0										8.0	51.6	5 900	22.7	64.3	5 100	31.0	70.3	4 300	37.4	73.9	3 400	64.0
66.0													16.3	58.5	4 800	26.6	66.6	4 000	33.8	71.0	3 200	66.0
68.0																21.4	62.0	3 700	29.8	67.8	2 900	68.0
70.0																14.4	55.6	3 400	25.2	63.9	2 700	70.0
72.0																			19.6	58.9	2 400	72.0
74.0																			11.6	51.5	2 200	74.0

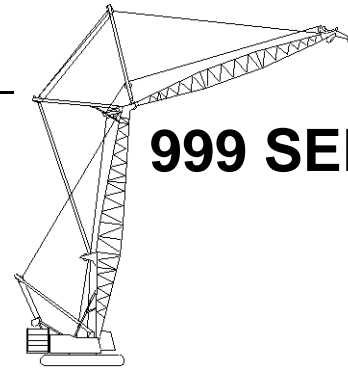


Liftcrane Luffing Jib Capacities

999 SERIES 2

Luffing Jib No. 149 With
Jib Backstay Pendants On
Boom No. 82
83 730 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, 57.9m (190 Ft.) Luffing Jib

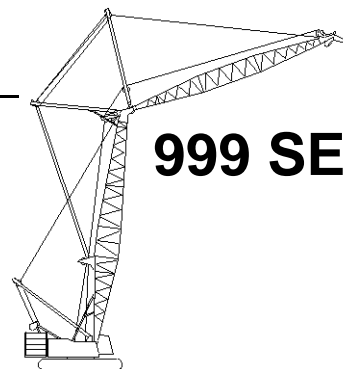
Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
18.3	75.8	101.2	20 300*																18.3
20.0	74.0	100.7	20 100*																20.0
22.0	72.0	100.1	19 700*																22.0
24.0	69.9	99.3	19 300*	71.4	99.8	22 800*													24.0
26.0	67.7	98.6	18 800*	69.3	99.0	22 700*													26.0
28.0	65.6	97.7	18 600*	67.2	98.2	22 400*	69.6	98.9	22 000*										28.0
30.0	63.4	96.7	18 000*	65.0	97.3	21 400*	67.4	98.1	21 000										30.0
32.0	61.1	95.6	17 000*	62.8	96.3	20 200*	65.3	97.2	19 200	67.6	97.8	18 100							32.0
34.0	58.8	94.5	15 900*	60.6	95.2	18 700	63.1	96.2	17 700	65.5	96.9	16 600							34.0
36.0	56.5	93.2	14 800*	58.2	94.0	17 300	60.8	95.1	16 300	63.3	95.9	15 300							36.0
38.0	54.1	91.8	13 800*	55.9	92.7	16 000	58.5	93.9	15 100	61.0	94.9	14 100							38.0
40.0	51.6	90.2	12 800*	53.4	91.3	14 800	56.1	92.6	13 900	58.7	93.7	13 100							40.0
42.0	49.0	88.5	12 000*	50.9	89.7	13 800	53.7	91.2	13 000	56.4	92.4	12 200	60.6	93.8	10 800				42.0
44.0	46.3	86.7	11 200*	48.3	88.0	12 900	51.2	89.6	12 100	54.0	91.0	11 300	58.3	92.6	10 000				44.0
46.0	43.5	84.7	10 500*	45.6	86.1	12 000	48.6	87.9	11 300	51.5	89.4	10 600	55.9	91.3	9 300				46.0
48.0	40.5	82.4	9 800*	42.7	84.0	11 300	45.9	86.1	10 600	48.9	87.7	9 900	53.5	89.8	8 700				48.0
50.0	37.3	79.9	9 200*	39.7	81.7	10 600	43.0	84.0	9 900	46.2	85.9	9 200	51.0	88.3	8 100	55.4	89.8	7 000	50.0
52.0	33.9	77.1	8 700*	36.5	79.1	9 900	40.0	81.7	9 300	43.3	83.8	8 600	48.4	86.5	7 600	52.9	88.3	6 500	52.0
54.0	30.1	73.8	8 200*	32.9	76.2	9 300	36.8	79.1	8 700	40.3	81.6	8 100	45.6	84.7	7 000	50.4	86.7	6 000	54.0
56.0	25.8	70.0	7 900*	29.1	72.8	8 800	33.3	76.3	8 200	37.2	79.1	7 600	42.8	82.6	6 600	47.7	84.9	5 600	56.0
58.0	20.7	65.2	7 600*	24.6	68.8	8 300	29.5	72.9	7 700	33.7	76.2	7 100	39.8	80.3	6 100	45.0	83.0	5 200	58.0
60.0	13.9	58.7	7 200*	19.2	63.7	7 800	25.1	69.0	7 200	29.9	72.9	6 700	36.5	77.7	5 700	42.1	80.9	4 800	60.0
62.0				11.6	56.2	7 000	19.9	64.1	6 800	25.6	69.1	6 300	33.0	74.8	5 400	39.0	78.5	4 500	62.0
64.0							12.6	57.0	6 400	20.5	64.3	5 800	29.1	71.4	5 000	35.7	75.9	4 200	64.0
66.0										13.6	57.6	5 500	24.7	67.4	4 700	32.2	72.8	3 900	66.0
68.0													19.4	62.3	4 400	28.2	69.3	3 600	68.0
70.0													11.8	55.0	4 000	23.6	65.1	3 300	70.0
72.0																17.9	59.8	3 100	72.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 149 With
 Jib Backstay Pendants On
 Boom No. 82
 83 730 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



999 SERIES 2

42.7m (140 Ft.) Boom, 61.0m (200 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. m
	Jib Point Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Point Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Point Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Point Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Point Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Point Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
19.8	75.0	103.9	18 400*																19.8
20.0	74.9	103.8	18 400*																20.0
22.0	72.9	103.3	18 200*																22.0
24.0	70.9	102.6	17 800*	72.4	103.0	20 800*													24.0
26.0	68.9	101.8	17 400*	70.4	102.3	20 600*													26.0
28.0	66.9	101.0	17 200*	68.4	101.5	20 400*													28.0
30.0	64.8	100.1	16 900*	66.3	100.7	20 200*	68.6	101.4	19 800*										30.0
32.0	62.7	99.1	16 400*	64.3	99.8	19 300*	66.6	100.5	19 000										32.0
34.0	60.6	98.0	15 400*	62.2	98.7	18 300	64.5	99.6	17 400	66.8	100.3	16 400							34.0
36.0	58.4	96.8	14 400*	60.0	97.6	17 100	62.4	98.6	16 100	64.7	99.3	15 000							36.0
38.0	56.1	95.5	13 500*	57.8	96.4	15 800	60.2	97.5	14 800	62.6	98.3	13 900							38.0
40.0	53.8	94.1	12 600*	55.5	95.0	14 700	58.0	96.3	13 800	60.5	97.2	12 900							40.0
42.0	51.4	92.5	11 800*	53.2	93.6	13 600	55.8	94.9	12 800	58.3	96.0	11 900							42.0
44.0	49.0	90.8	11 000*	50.8	92.0	12 700	53.5	93.5	11 900	56.0	94.7	11 100	60.1	96.2	9 800				44.0
46.0	46.4	89.0	10 300*	48.3	90.3	11 900	51.1	91.9	11 100	53.7	93.3	10 300	57.9	94.9	9 100				46.0
48.0	43.8	87.0	9 700*	45.8	88.4	11 100	48.6	90.2	10 400	51.3	91.7	9 600	55.6	93.6	8 400				48.0
50.0	40.9	84.8	9 100*	43.1	86.3	10 400	46.0	88.4	9 700	48.9	90.0	9 000	53.3	92.1	7 800				50.0
52.0	38.0	82.3	8 600*	40.2	84.1	9 700	43.4	86.3	9 100	46.3	88.2	8 400	50.9	90.6	7 300	55.1	92.1	6 300	52.0
54.0	34.8	79.5	8 100*	37.2	81.5	9 200	40.5	84.1	8 500	43.6	86.2	7 900	48.4	88.8	6 800	52.7	90.6	5 800	54.0
56.0	31.3	76.4	7 700*	33.9	78.7	8 600	37.5	81.6	8 000	40.8	83.9	7 400	45.8	87.0	6 300	50.3	89.0	5 400	56.0
58.0	27.4	72.8	7 300*	30.3	75.4	8 100	34.3	78.8	7 500	37.8	81.5	6 900	43.1	84.9	5 900	47.8	87.2	5 000	58.0
60.0	22.9	68.5	7 000*	26.3	71.7	7 600	30.7	75.6	7 000	34.6	78.7	6 400	40.3	82.6	5 600	45.2	85.3	4 600	60.0
62.0	17.4	62.9	6 800*	21.6	67.1	7 200	26.8	71.9	6 600	31.1	75.6	6 100	37.2	80.1	5 200	42.5	83.2	4 300	62.0
64.0	8.8	54.1	5 500*	15.6	61.0	6 700	22.2	67.4	6 200	27.2	71.9	5 700	34.0	77.3	4 800	39.6	80.9	3 900	64.0
66.0							16.4	61.6	5 800	22.7	67.5	5 300	30.4	74.0	4 500	36.5	78.3	3 600	66.0
68.0										17.1	61.9	5 000	26.4	70.3	4 200	33.2	75.4	3 400	68.0
70.0										8.2	52.7	4 600	21.7	65.7	3 900	29.5	72.0	3 100	70.0
72.0													15.8	59.7	3 600	25.4	68.1	2 900	72.0
74.0																20.5	63.3	2 600	74.0
76.0																14.0	56.7	2 400	76.0

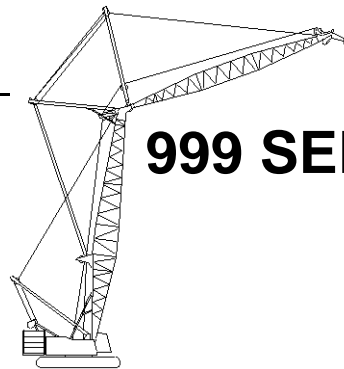


Liftcrane Luffing Jib Capacities

999 SERIES 2

Luffing Jib No. 149 With
Jib Backstay Pendants On
Boom No. 82
83 730 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, 64.0m (210 Ft.) Luffing Jib

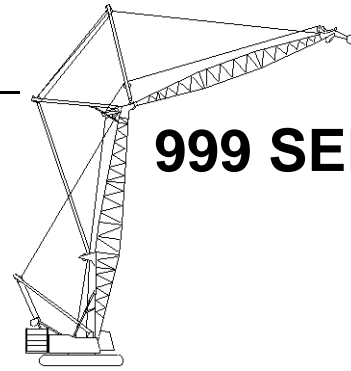
Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
19.8	75.8	107.1	16 900*													19.8
20.0	75.6	107.0	16 900*													20.0
22.0	73.7	106.4	16 700*													22.0
24.0	71.9	105.8	16 500*													24.0
26.0	70.0	105.1	16 300*	71.4	105.5	18 800*										26.0
28.0	68.0	104.3	15 900*	69.5	104.8	18 600*										28.0
30.0	66.1	103.5	15 600*	67.5	104.0	18 500*	69.7	104.6	18 000*							30.0
32.0	64.1	102.5	15 300*	65.6	103.1	18 300*	67.8	103.9	17 900*							32.0
34.0	62.1	101.5	14 900*	63.6	102.2	17 500*	65.8	103.0	17 300							34.0
36.0	60.0	100.4	14 000*	61.6	101.1	16 600*	63.8	102.0	15 900	66.0	102.7	14 900				36.0
38.0	57.9	99.1	13 100*	59.5	100.0	15 600	61.8	101.0	14 700	64.0	101.8	13 700				38.0
40.0	55.8	97.8	12 300*	57.4	98.7	14 500	59.7	99.8	13 600	62.0	100.7	12 700				40.0
42.0	53.6	96.4	11 600*	55.2	97.4	13 500	57.6	98.6	12 600	60.0	99.6	11 800				42.0
44.0	51.3	94.8	10 900*	53.0	95.9	12 600	55.5	97.3	11 700	57.9	98.4	10 900	61.6	99.7	9 600	44.0
46.0	49.0	93.1	10 200*	50.7	94.3	11 700	53.3	95.8	10 900	55.7	97.0	10 100	59.6	98.5	8 900	46.0
48.0	46.6	91.3	9 600*	48.4	92.6	11 000	51.0	94.2	10 200	53.5	95.6	9 400	57.5	97.3	8 200	48.0
50.0	44.0	89.3	9 000*	45.9	90.7	10 200	48.6	92.5	9 500	51.2	94.0	8 800	55.3	95.9	7 700	50.0
52.0	41.4	87.1	8 500*	43.3	88.7	9 600	46.2	90.7	8 900	48.9	92.3	8 200	53.1	94.5	7 100	52.0
54.0	38.6	84.7	8 000*	40.7	86.4	9 000	43.6	88.6	8 300	46.4	90.5	7 700	50.8	92.9	6 600	54.0
56.0	35.6	82.0	7 600*	37.8	83.9	8 400	41.0	86.4	7 800	43.9	88.5	7 200	48.4	91.1	6 200	56.0
58.0	32.3	79.0	7 200*	34.8	81.2	8 000	38.1	84.0	7 300	41.2	86.3	6 700	46.0	89.3	5 700	58.0
60.0	28.8	75.6	6 800*	31.4	78.1	7 500	35.1	81.2	6 900	38.4	83.9	6 300	43.4	87.2	5 400	60.0
62.0	24.7	71.5	6 600*	27.8	74.5	7 000	31.8	78.2	6 400	35.4	81.2	5 900	40.7	85.0	5 000	62.0
64.0	19.9	66.6	6 400*	23.6	70.3	6 600	28.2	74.7	6 100	32.2	78.1	5 500	37.9	82.5	4 600	64.0
66.0	13.6	59.8	5 500*	18.5	65.0	6 200	24.1	70.5	5 700	28.6	74.7	5 200	34.8	79.8	4 300	66.0
68.0				11.4	57.3	5 300*	19.2	65.4	5 300	24.5	70.6	4 800	31.5	76.7	4 000	68.0
70.0							12.4	58.1	5 000	19.7	65.6	4 500	27.9	73.1	3 700	70.0
72.0										13.3	58.7	4 200	23.7	68.9	3 400	72.0
74.0													18.7	63.6	3 200	74.0
76.0													11.6	56.1	2 900	76.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 149 With
Jib Backstay Pendants On
Boom No. 82
83 730 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



999 SERIES 2

42.7m (140 Ft.) Boom, 67.1m (220 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
21.3	75.1	109.8	15 300*													21.3
22.0	74.5	109.6	15 200*													22.0
24.0	72.7	109.0	15 000*													24.0
26.0	70.9	108.3	14 900*	72.3	108.7	17 100*										26.0
28.0	69.1	107.6	14 700*	70.4	108.1	16 900*										28.0
30.0	67.2	106.8	14 400*	68.6	107.3	16 800*										30.0
32.0	65.4	105.9	14 100*	66.8	106.5	16 600*	68.8	107.1	16 200*							32.0
34.0	63.5	104.9	14 000*	64.9	105.6	16 400*	67.0	106.3	16 100*							34.0
36.0	61.5	103.9	13 500*	63.0	104.6	16 000*	65.1	105.4	15 700	67.2	106.0	14 600				36.0
38.0	59.6	102.7	12 700*	61.0	103.5	15 100*	63.2	104.4	14 500	65.3	105.1	13 500				38.0
40.0	57.6	101.5	12 000*	59.1	102.3	14 300	61.3	103.4	13 400	63.4	104.2	12 500				40.0
42.0	55.5	100.1	11 300*	57.0	101.1	13 300	59.3	102.2	12 400	61.5	103.1	11 500				42.0
44.0	53.4	98.7	10 600*	55.0	99.7	12 400	57.3	100.9	11 500	59.5	102.0	10 700				44.0
46.0	51.2	97.1	10 000*	52.8	98.2	11 500	55.2	99.6	10 700	57.5	100.7	10 000	61.1	102.0	8 700	46.0
48.0	49.0	95.4	9 400*	50.7	96.6	10 700	53.1	98.1	10 000	55.4	99.4	9 300	59.1	100.9	8 000	48.0
50.0	46.7	93.6	8 900*	48.4	94.9	10 100	50.9	96.5	9 300	53.3	97.9	8 600	57.1	99.6	7 400	50.0
52.0	44.3	91.6	8 400*	46.1	93.0	9 400	48.7	94.8	8 700	51.1	96.3	8 000	55.0	98.2	6 900	52.0
54.0	41.7	89.5	7 900*	43.6	91.0	8 800	46.3	93.0	8 200	48.9	94.7	7 500	52.9	96.8	6 400	54.0
56.0	39.1	87.1	7 500*	41.1	88.8	8 300	43.9	91.0	7 600	46.6	92.8	7 000	50.7	95.2	5 900	56.0
58.0	36.3	84.5	7 100*	38.4	86.3	7 800	41.4	88.8	7 100	44.1	90.8	6 600	48.5	93.4	5 500	58.0
60.0	33.2	81.5	6 700*	35.5	83.6	7 300	38.7	86.4	6 700	41.6	88.6	6 100	46.1	91.6	5 100	60.0
62.0	29.9	78.2	6 400*	32.4	80.6	6 800	35.8	83.7	6 300	39.0	86.2	5 700	43.7	89.5	4 700	62.0
64.0	26.3	74.4	6 200*	29.0	77.2	6 400	32.8	80.7	5 900	36.1	83.6	5 300	41.1	87.3	4 400	64.0
66.0	22.0	69.9	5 900*	25.3	73.3	6 000	29.4	77.4	5 500	33.1	80.7	5 000	38.4	84.9	4 100	66.0
68.0	16.8	64.1	5 200*	20.8	68.5	5 700	25.7	73.5	5 100	29.8	77.4	4 600	35.6	82.2	3 800	68.0
70.0	8.9	55.1	4 000*	15.2	62.2	5 100	21.4	68.8	4 800	26.1	73.5	4 300	32.5	79.2	3 500	70.0
72.0							15.9	62.8	4 500	21.8	69.0	4 000	29.1	75.8	3 200	72.0
74.0										16.5	63.1	3 700	25.3	71.9	3 000	74.0
76.0										8.4	53.8	3 400	20.9	67.1	2 700	76.0
78.0													15.3	60.9	2 500	78.0

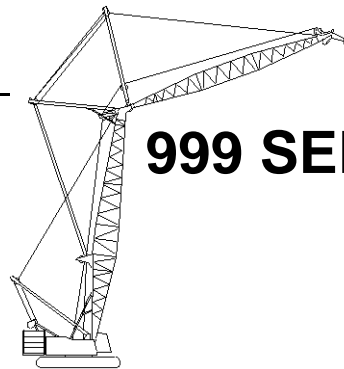


Liftcrane Luffing Jib Capacities

999 SERIES 2

Luffing Jib No. 149 With
Jib Backstay Pendants On
Boom No. 82
83 730 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, 70.1m (230 Ft.) Luffing Jib

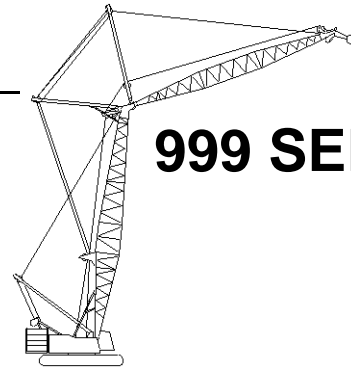
Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	
21.3	75.8	113.0	14 300*										21.3
22.0	75.2	112.8	14 200*										22.0
24.0	73.5	112.2	14 000*										24.0
26.0	71.8	111.6	13 800*	73.0	111.9	16 100*							26.0
28.0	70.0	110.9	13 600*	71.3	111.3	16 000*							28.0
30.0	68.3	110.1	13 400*	69.6	110.6	15 800*							30.0
32.0	66.5	109.2	13 200*	67.8	109.8	15 700*	69.8	110.4	15 600*				32.0
34.0	64.7	108.3	12 900*	66.1	108.9	15 200*	68.0	109.6	15 500*				34.0
36.0	62.9	107.3	12 400*	64.2	108.0	14 500*	66.2	108.8	15 300				36.0
38.0	61.0	106.2	11 700*	62.4	107.0	13 800*	64.4	107.8	14 300	66.4	108.5	13 300	38.0
40.0	59.1	105.1	11 000*	60.5	105.9	13 100*	62.6	106.8	13 200	64.6	107.6	12 300	40.0
42.0	57.2	103.8	10 400*	58.6	104.7	12 400*	60.8	105.7	12 300	62.8	106.6	11 400	42.0
44.0	55.2	102.5	9 800*	56.7	103.4	11 800*	58.9	104.6	11 400	60.9	105.5	10 600	44.0
46.0	53.2	101.0	9 300*	54.7	102.0	11 200*	56.9	103.3	10 600	59.1	104.3	9 800	46.0
48.0	51.1	99.4	8 700*	52.7	100.5	10 500*	54.9	101.9	9 900	57.1	103.0	9 100	48.0
50.0	49.0	97.7	8 200*	50.6	98.9	9 900*	52.9	100.4	9 200	55.1	101.7	8 500	50.0
52.0	46.8	95.9	7 800*	48.4	97.2	9 300	50.8	98.8	8 600	53.1	100.2	7 900	52.0
54.0	44.5	93.9	7 300*	46.2	95.3	8 700	48.7	97.1	8 000	51.0	98.6	7 300	54.0
56.0	42.1	91.8	6 900*	43.9	93.3	8 100	46.4	95.3	7 500	48.9	97.0	6 800	56.0
58.0	39.6	89.4	6 600*	41.4	91.1	7 600	44.1	93.3	7 000	46.7	95.1	6 400	58.0
60.0	36.9	86.9	6 300*	38.9	88.7	7 200	41.7	91.1	6 600	44.4	93.1	6 000	60.0
62.0	34.1	84.0	6 000*	36.2	86.1	6 700	39.2	88.7	6 100	42.0	91.0	5 600	62.0
64.0	31.0	80.9	5 700*	33.3	83.2	6 300	36.5	86.1	5 800	39.4	88.6	5 200	64.0
66.0	27.6	77.3	5 500*	30.2	79.9	5 900	33.6	83.2	5 400	36.8	86.0	4 900	66.0
68.0	23.8	73.0	5 300*	26.7	76.1	5 500	30.5	80.0	5 000	33.9	83.2	4 500	68.0
70.0	19.3	67.9	4 800*	22.7	71.7	5 200	27.1	76.3	4 700	30.8	80.0	4 200	70.0
72.0	13.3	60.9	3 900*	17.9	66.2	4 800*	23.2	72.0	4 400	27.5	76.4	3 900	72.0
74.0				11.3	58.4	3 800*	18.5	66.7	4 100	23.6	72.1	3 600	74.0
76.0							12.2	59.2	3 800	19.1	66.9	3 300	76.0
78.0										13.0	59.8	3 100	78.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 149 With
Jib Backstay Pendants On
Boom No. 82
83 730 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



999 SERIES 2

42.7m (140 Ft.) Boom, 73.2m (240 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 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	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
22.9	75.1	115.7	13 000*										22.9
24.0	74.2	115.4	12 900*										24.0
26.0	72.6	114.8	12 700*	73.8	115.1	14 700*							26.0
28.0	70.9	114.1	12 600*	72.1	114.5	14 600*							28.0
30.0	69.2	113.4	12 300*	70.5	113.8	14 400*							30.0
32.0	67.5	112.6	12 200*	68.8	113.1	14 300*	70.7	113.6	14 100*				32.0
34.0	65.8	111.7	11 900*	67.1	112.2	14 100*	69.0	112.9	14 000*				34.0
36.0	64.1	110.7	11 700*	65.4	111.4	13 800*	67.3	112.1	13 900*				36.0
38.0	62.3	109.7	11 200*	63.7	110.4	13 200*	65.6	111.2	13 800*				38.0
40.0	60.6	108.6	10 600*	61.9	109.3	12 600*	63.8	110.2	13 100	65.8	110.9	12 100	40.0
42.0	58.7	107.4	10 100*	60.1	108.2	12 000*	62.1	109.2	12 100	64.0	110.0	11 200	42.0
44.0	56.9	106.2	9 500*	58.3	107.0	11 400*	60.3	108.1	11 200	62.3	109.0	10 300	44.0
46.0	55.0	104.8	9 000*	56.4	105.7	10 800*	58.5	106.9	10 400	60.5	107.8	9 600	46.0
48.0	53.0	103.3	8 500*	54.5	104.3	10 200*	56.6	105.6	9 700	58.7	106.7	8 900	48.0
50.0	51.0	101.7	8 000*	52.5	102.8	9 700*	54.7	104.2	9 000	56.8	105.4	8 300	50.0
52.0	49.0	100.0	7 600*	50.5	101.2	9 100	52.7	102.7	8 400	54.9	104.0	7 700	52.0
54.0	46.9	98.2	7 200*	48.4	99.5	8 500	50.7	101.1	7 800	52.9	102.5	7 200	54.0
56.0	44.7	96.3	6 800*	46.3	97.6	7 900	48.7	99.4	7 300	51.0	101.0	6 700	56.0
58.0	42.4	94.1	6 400*	44.1	95.6	7 500	46.5	97.6	6 800	48.9	99.3	6 200	58.0
60.0	40.0	91.8	6 100*	41.8	93.4	7 000	44.3	95.6	6 400	46.8	97.4	5 800	60.0
62.0	37.5	89.3	5 800*	39.4	91.1	6 500	42.0	93.4	5 900	44.6	95.4	5 400	62.0
64.0	34.8	86.5	5 600*	36.8	88.5	6 100	39.6	91.1	5 600	42.3	93.3	5 000	64.0
66.0	31.9	83.4	5 300*	34.1	85.7	5 700	37.1	88.6	5 200	39.9	91.0	4 600	66.0
68.0	28.8	80.0	5 100*	31.1	82.5	5 400	34.4	85.7	4 800	37.3	88.5	4 300	68.0
70.0	25.3	76.0	4 800*	27.9	78.9	5 000	31.5	82.6	4 500	34.7	85.7	4 000	70.0
72.0	21.3	71.3	4 400*	24.3	74.8	4 700	28.3	79.1	4 200	31.8	82.6	3 700	72.0
74.0	16.4	65.3	3 600*	20.1	69.8	4 300	24.8	75.0	3 900	28.6	79.1	3 400	74.0
76.0	9.1	56.2	2 600*	14.8	63.4	3 600*	20.6	70.2	3 600	25.1	75.1	3 200	76.0
78.0							15.5	63.9	3 400	21.1	70.4	2 900	78.0
80.0										16.1	64.3	2 700	80.0
82.0										8.6	54.9	2 400	82.0

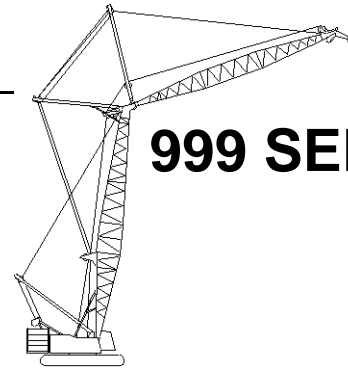


Liftcrane Luffing Jib Capacities

999 SERIES 2

Luffing Jib No. 149 With
Jib Backstay Pendants On
Boom No. 82
83 730 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, 21.3m (70 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib 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	63.4	67.1	52 500*b																			13.7
14.0	62.5	66.9	51 800*b																			14.0
16.0	56.2	65.7	47 500*b	61.3	66.6	50 600*b																16.0
18.0	49.4	64.1	43 800*	54.9	65.3	45 600	62.4	66.5	43 800b													18.0
20.0	41.7	62.0	39 300*	47.9	63.6	39 900	56.1	65.3	38 200b	63.5	66.3	36 500b										20.0
22.0	32.6	59.3	35 300*	40.0	61.5	35 300	49.3	63.7	33 800	57.3	65.1	32 200b										22.0
24.0	19.9	55.0	31 900*	30.4	58.5	31 600	41.6	61.6	30 200	50.5	63.6	28 800										24.0
26.0							32.4	58.9	27 300	43.0	61.7	26 000	56.9	64.1	23 900b							26.0
28.0							19.7	54.6	24 700	34.2	59.1	23 600	50.1	62.6	21 700							28.0
30.0										22.5	55.2	21 500	42.6	60.6	19 800							30.0
32.0													33.6	58.0	18 200	49.4	61.1	16 600				32.0
34.0													21.6	54.0	16 700	41.7	59.1	15 300				34.0
36.0																32.6	56.4	14 100	48.1	59.3	12 800	36.0
38.0																19.9	52.1	13 100	40.3	57.1	11 800	38.0
40.0																			30.8	54.2	11 000	40.0
42.0																			16.9	49.4	10 100	42.0

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

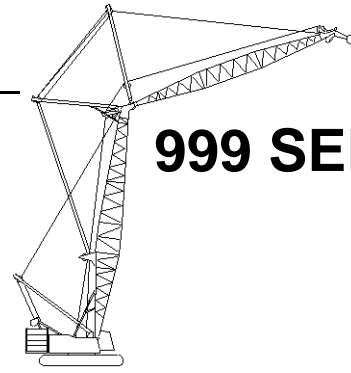
Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib 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	66.9	70.4	48 500*b																			13.7
14.0	66.2	70.3	48 200*b																			14.0
16.0	60.9	69.3	45 700*b	65.2	70.0	49 000*b																16.0
18.0	55.3	68.0	42 500*	59.8	68.9	45 100*	66.1	69.9	43 600b													18.0
20.0	49.3	66.4	37 900*	54.1	67.6	39 800	60.8	68.9	37 900b	67.1	69.7	36 200b										20.0
22.0	42.7	64.4	33 600*	48.0	65.9	35 200	55.2	67.6	33 600	61.8	68.7	32 000b										22.0
24.0	35.0	61.8	30 300*	41.2	63.8	31 500	49.2	66.0	30 000	56.3	67.5	28 600										24.0
26.0	25.4	58.3	27 900*	33.3	61.1	28 400	42.6	64.0	27 100	50.4	65.9	25 800	61.5	67.7	23 600b							26.0
28.0				23.0	57.2	25 800	34.9	61.4	24 600	43.8	64.0	23 500	55.9	66.5	21 500							28.0
30.0							25.2	57.8	22 500	36.4	61.5	21 400	50.0	64.9	19 600							30.0
32.0							7.6	50.6	20 600	27.2	58.2	19 600	43.4	62.9	18 000	55.3	65.0	16 300				32.0
34.0													35.9	60.5	16 600	49.3	63.4	15 000				34.0
36.0													26.6	57.0	15 300	42.7	61.5	13 900				36.0
38.0													11.4	50.9	14 200	35.0	58.9	12 800	48.2	61.6	11 500	38.0
40.0																25.4	55.3	11 900	41.5	59.5	10 700	40.0
42.0																			33.6	56.8	9 900	42.0
44.0																			23.4	53.0	9 200	44.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 149 With
Jib Backstay Pendants On
Boom No. 82
83 730 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



999 SERIES 2

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

Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib 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	69.6	73.7	44 900*b																			13.7
14.0	69.0	73.6	44 700*b																			14.0
16.0	64.4	72.7	43 000*b	68.1	73.3	47 600*b																16.0
18.0	59.7	71.6	40 600*	63.5	72.4	44 000*																18.0
20.0	54.6	70.3	36 700*	58.7	71.3	39 700	64.4	72.3	37 800b													20.0
22.0	49.3	68.7	32 700*	53.6	69.9	35 100	59.6	71.2	33 400	65.2	72.1	31 900b										22.0
24.0	43.4	66.7	29 200*	48.1	68.2	31 400	54.6	69.9	29 900	60.5	71.1	28 500										24.0
26.0	36.8	64.3	26 400*	42.1	66.2	28 400	49.2	68.3	27 000	55.5	69.8	25 600										26.0
28.0	28.9	61.1	24 300*	35.3	63.6	25 700	43.3	66.3	24 500	50.2	68.2	23 300	60.2	70.1	21 300							28.0
30.0	18.1	56.3	22 900*	27.1	60.2	23 500	36.7	63.9	22 400	44.4	66.3	21 300	55.2	68.8	19 400							30.0
32.0				15.0	54.8	21 600	28.8	60.7	20 600	38.0	64.0	19 500	49.9	67.2	17 800							32.0
34.0							17.9	55.8	18 900	30.4	60.9	18 000	44.1	65.3	16 400	54.6	67.4	14 900				34.0
36.0										20.3	56.5	16 600	37.6	62.9	15 200	49.3	65.7	13 700				36.0
38.0													29.9	59.8	14 100	43.4	63.8	12 700				38.0
40.0													19.6	55.3	13 100	36.8	61.3	11 800	48.3	63.9	10 500	40.0
42.0																29.0	58.1	11 000	42.4	61.8	9 800	42.0
44.0																18.1	53.4	10 200	35.6	59.3	9 100	44.0
46.0																			27.4	55.9	8 500	46.0
48.0																			15.6	50.6	7 900	48.0

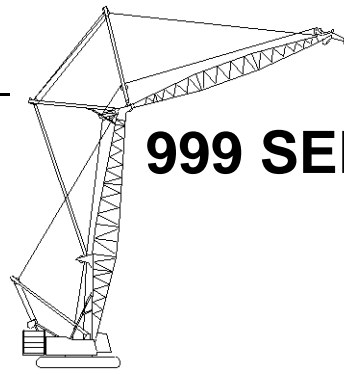


Liftcrane Luffing Jib Capacities

999 SERIES 2

Luffing Jib No. 149 With
Jib Backstay Pendants On
Boom No. 82
83 730 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

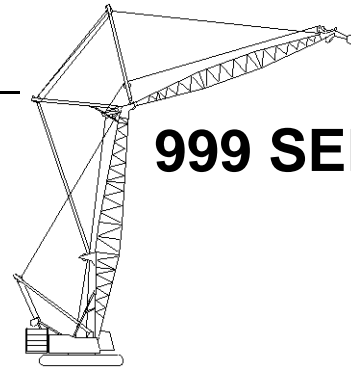
Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib 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	71.8	77.0	41 500*b																			13.7
14.0	71.2	76.9	41 200*b																			14.0
16.0	67.2	76.1	39 500*b	70.4	76.6	46 000*b																16.0
18.0	63.0	75.1	37 900*	66.3	75.8	42 600*																18.0
20.0	58.6	74.0	35 400*	62.1	74.8	39 500	67.1	75.7	37 600													20.0
22.0	54.1	72.6	31 700*	57.7	73.6	34 900	62.9	74.7	33 200													22.0
24.0	49.2	71.0	28 500*	53.1	72.2	31 200	58.6	73.6	29 700	63.7	74.5	28 200										24.0
26.0	44.0	69.0	25 600*	48.2	70.5	28 200	54.0	72.2	26 800	59.4	73.4	25 400										26.0
28.0	38.2	66.7	23 300*	42.9	68.5	25 600	49.2	70.6	24 300	54.9	72.1	23 100										28.0
30.0	31.5	63.7	21 300*	36.9	66.0	23 400	43.9	68.6	22 200	50.1	70.5	21 100	59.1	72.4	19 200							30.0
32.0	23.1	59.7	19 900*	30.0	62.9	21 500	38.1	66.3	20 400	44.9	68.6	19 300	54.6	71.1	17 600							32.0
34.0				21.0	58.6	19 800	31.4	63.3	18 800	39.2	66.4	17 800	49.8	69.5	16 200							34.0
36.0							22.9	59.3	17 400	32.7	63.5	16 500	44.6	67.6	15 000	54.1	69.7	13 400				36.0
38.0							8.2	51.7	16 100	24.7	59.8	15 300	38.9	65.3	13 900	49.2	68.0	12 400				38.0
40.0													32.3	62.4	12 900	44.0	66.1	11 500				40.0
42.0													24.1	58.6	12 000	38.2	63.8	10 700	48.4	66.2	9 500	42.0
44.0													11.2	52.0	11 100	31.5	60.8	10 000	43.1	64.2	8 800	44.0
46.0																23.1	56.8	9 300	37.1	61.7	8 200	46.0
48.0																			30.2	58.6	7 700	48.0
50.0																			21.3	54.4	7 100	50.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 149 With
Jib Backstay Pendants On
Boom No. 82
83 730 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



999 SERIES 2

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

Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib 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	73.5	80.2	38 400*b																			13.7
14.0	73.0	80.1	38 200*b																			14.0
16.0	69.3	79.4	37 000*b	72.2	79.9	44 500*b																16.0
18.0	65.6	78.5	35 200*	68.6	79.1	41 400*																18.0
20.0	61.8	77.5	33 900*	64.9	78.2	38 500	69.3	79.0	37 600													20.0
22.0	57.8	76.3	30 800*	61.0	77.2	35 000	65.6	78.1	33 200													22.0
24.0	53.6	74.9	27 800*	57.0	75.9	31 200	61.7	77.1	29 600													24.0
26.0	49.2	73.3	25 100*	52.8	74.5	28 100	57.8	75.9	26 700	62.4	76.9	25 400										26.0
28.0	44.5	71.4	22 700*	48.3	72.8	25 600	53.6	74.5	24 300	58.5	75.8	23 000										28.0
30.0	39.3	69.1	20 700*	43.5	70.8	23 400	49.2	72.9	22 200	54.3	74.4	21 000										30.0
32.0	33.4	66.3	19 000*	38.2	68.5	21 500	44.4	71.0	20 400	50.0	72.8	19 300	58.2	74.8	17 500							32.0
34.0	26.4	62.7	17 700*	32.1	65.5	19 800	39.2	68.7	18 800	45.3	70.9	17 800	54.1	73.4	16 100							34.0
36.0	16.9	57.5	16 900*	24.8	61.7	18 400	33.3	65.9	17 400	40.2	68.7	16 500	49.7	71.8	14 900							36.0
38.0				14.2	55.9	17 000	26.3	62.3	16 200	34.5	66.0	15 300	45.0	69.9	13 800	53.6	72.0	12 400				38.0
40.0							16.7	57.1	15 000	27.7	62.6	14 200	39.9	67.7	12 800	49.2	70.3	11 500				40.0
42.0										18.8	57.8	13 200	34.1	64.9	12 000	44.5	68.4	10 700				42.0
44.0													27.3	61.5	11 200	39.3	66.1	10 000	48.5	68.5	8 800	44.0
46.0													18.2	56.5	10 400	33.4	63.4	9 300	43.6	66.5	8 200	46.0
48.0																26.4	59.8	8 700	38.4	64.1	7 600	48.0
50.0																16.9	54.6	8 100	32.4	61.2	7 100	50.0
52.0																			25.1	57.5	6 600	52.0
54.0																			14.7	51.8	6 200	54.0

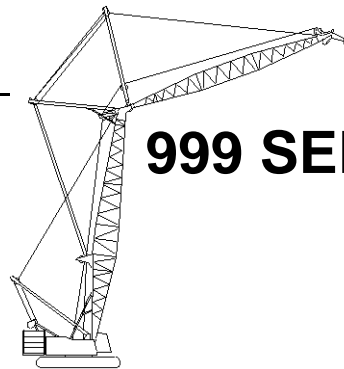


Liftcrane Luffing Jib Capacities

999 SERIES 2

Luffing Jib No. 149 With
Jib Backstay Pendants On
Boom No. 82
83 730 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

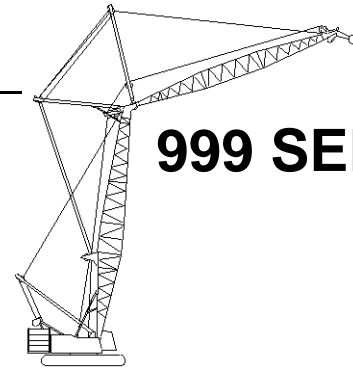
Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib 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	83.4	35 400*b																			13.7
14.0	74.4	83.3	35 200*b																			14.0
16.0	71.1	82.6	34 000*																			16.0
18.0	67.8	81.9	32 800*	70.5	82.4	40 000*																18.0
20.0	64.3	81.0	32 000*	67.1	81.6	37 400*																20.0
22.0	60.8	79.9	29 900*	63.6	80.6	34 600	67.7	81.5	33 000													22.0
24.0	57.1	78.7	27 000*	60.0	79.5	31 000	64.3	80.6	29 400													24.0
26.0	53.3	77.2	24 500*	56.3	78.3	27 900	60.7	79.5	26 500	64.9	80.4	25 100										26.0
28.0	49.2	75.6	22 300*	52.5	76.8	25 400	57.1	78.3	24 100	61.4	79.3	22 800										28.0
30.0	44.9	73.7	20 300*	48.3	75.1	23 200	53.2	76.8	22 000	57.7	78.1	20 800										30.0
32.0	40.2	71.5	18 500*	44.0	73.2	21 300	49.1	75.2	20 200	53.9	76.7	19 000	61.2	78.3	17 200							32.0
34.0	35.0	68.8	17 000*	39.2	70.8	19 700	44.8	73.3	18 600	49.9	75.1	17 600	57.5	77.1	15 800							34.0
36.0	29.0	65.5	15 800*	33.8	68.1	18 200	40.1	71.0	17 200	45.6	73.3	16 300	53.7	75.7	14 600							36.0
38.0	21.4	61.1	15 000*	27.6	64.6	16 900	34.9	68.4	16 000	41.0	71.1	15 100	49.7	74.1	13 600							38.0
40.0				19.5	59.9	15 700	28.9	65.1	14 900	35.9	68.5	14 000	45.4	72.2	12 600	53.3	74.3	11 200				40.0
42.0							21.3	60.7	13 900	30.0	65.4	13 100	40.7	70.0	11 700	49.2	72.6	10 400				42.0
44.0							8.6	52.9	12 900	22.8	61.2	12 200	35.6	67.4	11 000	44.9	70.7	9 700				44.0
46.0													29.7	64.2	10 200	40.2	68.5	9 100	48.5	70.8	7 900	46.0
48.0													22.3	60.0	9 600	35.0	65.9	8 400	44.1	68.8	7 300	48.0
50.0													11.0	53.1	8 900	29.0	62.6	7 900	39.4	66.5	6 900	50.0
52.0																21.4	58.2	7 400	34.0	63.8	6 400	52.0
54.0																			27.8	60.4	5 900	54.0
56.0																			19.9	55.7	5 500	56.0



Liftcrane Luffing Jib Capacities

**Luffing Jib No. 149 With
Jib Backstay Pendants On
Boom No. 82
83 730 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



999 SERIES 2

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

Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib 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	73.8	86.1	32 300*																			15.2
16.0	72.6	85.9	31 700*																			16.0
18.0	69.6	85.1	30 500*	72.0	85.6	37 800*																18.0
20.0	66.4	84.3	29 900*	68.9	84.9	36 300*																20.0
22.0	63.2	83.4	28 400*	65.8	84.0	33 900	69.5	84.8	32 800													22.0
24.0	59.9	82.2	26 500*	62.6	83.0	30 900	66.4	83.9	29 200													24.0
26.0	56.5	81.0	24 100*	59.2	81.9	27 800	63.2	83.0	26 400	67.0	83.7	24 900										26.0
28.0	52.9	79.5	21 900*	55.8	80.6	25 200	59.9	81.9	23 900	63.8	82.8	22 600										28.0
30.0	49.2	77.9	20 100*	52.2	79.1	23 000	56.5	80.6	21 800	60.5	81.7	20 600										30.0
32.0	45.2	76.0	18 300*	48.4	77.4	21 200	52.9	79.1	20 000	57.1	80.4	18 900										32.0
34.0	40.9	73.8	16 800*	44.4	75.5	19 500	49.1	77.5	18 500	53.5	79.0	17 400	60.3	80.7	15 700							34.0
36.0	36.2	71.3	15 500*	40.0	73.2	18 100	45.2	75.6	17 100	49.8	77.4	16 100	56.9	79.4	14 500							36.0
38.0	30.9	68.2	14 400*	35.2	70.6	16 800	40.9	73.4	15 800	45.9	75.6	14 900	53.3	78.0	13 400							38.0
40.0	24.6	64.3	13 600*	29.7	67.4	15 600	36.2	70.8	14 800	41.7	73.4	13 900	49.6	76.4	12 400	56.5	78.0	11 000				40.0
42.0	16.0	58.7	13 100*	23.1	63.2	14 600	30.8	67.8	13 800	37.1	71.0	12 900	45.6	74.5	11 600	52.9	76.6	10 200				42.0
44.0				13.6	57.0	13 600	24.5	63.8	12 900	31.9	68.0	12 100	41.4	72.4	10 800	49.2	74.9	9 500				44.0
46.0							15.9	58.2	12 000	25.7	64.2	11 300	36.8	69.9	10 100	45.2	73.1	8 900	52.3	74.8	7 700	46.0
48.0										17.7	59.1	10 600	31.5	66.9	9 400	40.9	70.9	8 300	48.5	73.1	7 200	48.0
50.0													25.3	63.1	8 800	36.2	68.3	7 700	44.5	71.1	6 700	50.0
52.0													17.1	57.8	8 300	30.9	65.2	7 300	40.2	68.9	6 200	52.0
54.0																24.6	61.3	6 800	35.4	66.3	5 800	54.0
56.0																16.0	55.8	6 300	29.9	63.1	5 400	56.0
58.0																			23.4	59.0	5 000	58.0
60.0																			14.1	52.9	4 700	60.0

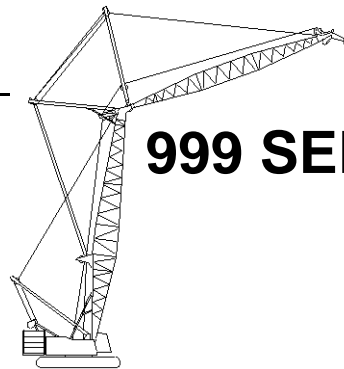


Liftcrane Luffing Jib Capacities

999 SERIES 2

Luffing Jib No. 149 With
Jib Backstay Pendants On
Boom No. 82
83 730 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

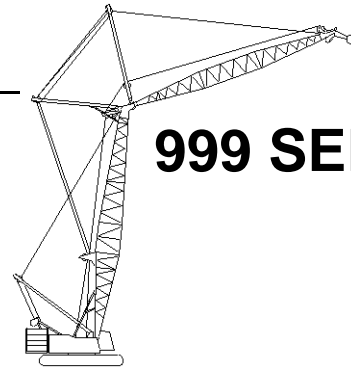
Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib 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	89.3	29 500*																			15.2
16.0	73.9	89.0	29 300*																			16.0
18.0	71.1	88.4	28 500*																			18.0
20.0	68.2	87.6	27 500*	70.5	88.1	34 100*																20.0
22.0	65.3	86.8	27 000*	67.6	87.4	32 800*																22.0
24.0	62.3	85.7	25 600*	64.7	86.5	30 500*	68.2	87.3	29 100													24.0
26.0	59.2	84.6	23 400*	61.7	85.4	27 600	65.2	86.4	26 100													26.0
28.0	56.0	83.3	21 400*	58.5	84.2	25 000	62.2	85.4	23 700	65.8	86.1	22 400										28.0
30.0	52.7	81.8	19 600*	55.3	82.9	22 900	59.1	84.2	21 600	62.8	85.2	20 400										30.0
32.0	49.2	80.2	18 000*	52.0	81.4	21 000	55.9	82.9	19 800	59.7	84.0	18 600										32.0
34.0	45.5	78.3	16 500*	48.4	79.7	19 400	52.6	81.4	18 200	56.5	82.8	17 200										34.0
36.0	41.6	76.2	15 200*	44.7	77.8	17 900	49.1	79.8	16 900	53.2	81.3	15 900	59.5	83.0	14 200							36.0
38.0	37.3	73.7	14 100*	40.7	75.6	16 600	45.4	77.9	15 700	49.8	79.7	14 700	56.3	81.8	13 100							38.0
40.0	32.5	70.8	13 100*	36.3	73.0	15 500	41.5	75.8	14 600	46.1	77.9	13 700	53.0	80.3	12 200							40.0
42.0	27.0	67.2	12 400*	31.5	70.0	14 400	37.2	73.3	13 600	42.2	75.8	12 700	49.6	78.7	11 300	56.0	80.4	10 000				42.0
44.0	20.2	62.5	11 800*	25.8	66.2	13 500	32.4	70.3	12 700	38.0	73.4	11 900	45.9	76.8	10 500	52.7	78.9	9 300				44.0
46.0				18.5	61.2	12 600	26.9	66.8	11 900	33.4	70.5	11 100	42.0	74.7	9 800	49.2	77.2	8 600				46.0
48.0							20.0	62.0	11 100	28.0	67.1	10 400	37.8	72.3	9 200	45.5	75.4	8 000				48.0
50.0							8.9	54.0	10 400	21.4	62.6	9 800	33.1	69.4	8 600	41.6	73.2	7 500	48.6	75.4	6 400	50.0
52.0													27.7	65.9	8 100	37.3	70.7	7 000	44.8	73.4	5 900	52.0
54.0													21.0	61.4	7 500	32.5	67.8	6 500	40.9	71.2	5 500	54.0
56.0													10.9	54.1	7 100	27.0	64.2	6 100	36.5	68.7	5 100	56.0
58.0																20.2	59.5	5 700	31.6	65.7	4 800	58.0
60.0																			26.0	62.0	4 400	60.0
62.0																			18.8	57.0	4 100	62.0
64.0																			5.2	47.1	3 800	64.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 149 With
Jib Backstay Pendants On
Boom No. 82
83 730 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



999 SERIES 2

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

Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib 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	76.0	92.4	27 300*																			15.2
16.0	75.0	92.2	27 100*																			16.0
18.0	72.4	91.6	26 600*																			18.0
20.0	69.7	90.9	25 900*	71.9	91.4	31 500*																20.0
22.0	67.0	90.1	25 100*	69.2	90.6	30 800*																22.0
24.0	64.3	89.2	24 200*	66.5	89.8	29 200*																24.0
26.0	61.5	88.1	22 700*	63.7	88.9	27 200	67.0	89.7	26 000													26.0
28.0	58.5	86.9	20 900*	60.9	87.8	25 000	64.2	88.8	23 600													28.0
30.0	55.5	85.6	19 200*	57.9	86.6	22 800	61.4	87.7	21 500	64.7	88.6	20 300										30.0
32.0	52.4	84.1	17 600*	54.9	85.2	20 900	58.5	86.6	19 700	61.9	87.5	18 600										32.0
34.0	49.2	82.5	16 300*	51.8	83.7	19 300	55.5	85.2	18 200	59.0	86.4	17 100										34.0
36.0	45.7	80.6	15 000*	48.5	82.0	17 800	52.4	83.8	16 800	56.0	85.1	15 800										36.0
38.0	42.1	78.5	13 900*	45.0	80.1	16 600	49.1	82.1	15 600	52.9	83.6	14 600	58.9	85.4	13 100							38.0
40.0	38.2	76.1	12 900*	41.3	77.9	15 400	45.7	80.2	14 500	49.7	82.0	13 600	55.9	84.1	12 100							40.0
42.0	33.8	73.3	12 000*	37.3	75.4	14 300	42.0	78.1	13 500	46.3	80.2	12 700	52.8	82.6	11 200							42.0
44.0	29.0	69.9	11 300*	32.9	72.5	13 300*	38.1	75.7	12 600	42.7	78.1	11 800	49.5	81.0	10 500	55.5	82.7	9 200				44.0
46.0	23.1	65.8	10 800*	27.9	69.1	12 500*	33.8	72.9	11 800	38.8	75.8	11 100	46.1	79.1	9 800	52.4	81.2	8 500				46.0
48.0	15.3	59.9	10 400*	21.8	64.6	11 800	28.9	69.5	11 100	34.6	73.0	10 400	42.5	77.1	9 100	49.2	79.5	8 000				48.0
50.0				13.2	58.1	11 100	23.1	65.3	10 400	29.8	69.8	9 700	38.6	74.7	8 500	45.7	77.7	7 400				50.0
52.0							15.2	59.4	9 800	24.2	65.8	9 100	34.3	71.9	8 000	42.1	75.6	6 900	48.6	77.7	5 900	52.0
54.0										16.9	60.3	8 600	29.5	68.7	7 500	38.2	73.1	6 500	45.1	75.8	5 400	54.0
56.0													23.8	64.6	7 000	33.8	70.3	6 100	41.4	73.6	5 000	56.0
58.0													16.4	59.0	6 600	29.0	67.0	5 600	37.5	71.1	4 700	58.0
60.0																23.1	62.8	5 300	33.1	68.2	4 400	60.0
62.0																15.3	56.9	4 900	28.1	64.8	4 100	62.0
64.0																			22.0	60.4	3 800	64.0
66.0																			13.6	54.0	3 500	66.0

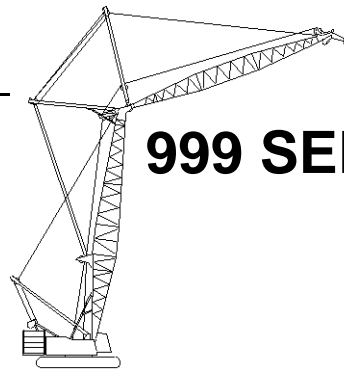


Liftcrane Luffing Jib Capacities

999 SERIES 2

Luffing Jib No. 149 With
Jib Backstay Pendants On
Boom No. 82
83 730 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

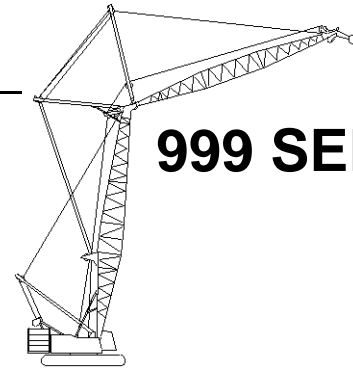
Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib 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	75.1	95.2	25 000*																			16.8
18.0	73.5	94.8	24 600*																			18.0
20.0	71.1	94.2	23 700*	73.0	94.6	28 900*																20.0
22.0	68.6	93.4	23 200*	70.6	93.9	28 600*																22.0
24.0	66.0	92.5	22 700*	68.0	93.1	27 700*																24.0
26.0	63.4	91.6	21 900*	65.5	92.2	26 000*	68.5	93.0	25 800													26.0
28.0	60.7	90.5	20 300*	62.9	91.3	24 300*	66.0	92.2	23 400													28.0
30.0	58.0	89.3	18 700*	60.2	90.2	22 600	63.4	91.2	21 300	66.4	91.9	20 000										30.0
32.0	55.1	87.9	17 300*	57.4	88.9	20 700	60.7	90.1	19 500	63.8	91.0	18 300										32.0
34.0	52.2	86.5	16 000*	54.6	87.5	19 100	57.9	88.9	18 000	61.2	89.9	16 900										34.0
36.0	49.2	84.8	14 800*	51.6	86.0	17 700	55.1	87.6	16 600	58.4	88.7	15 500										36.0
38.0	45.9	82.9	13 700*	48.5	84.3	16 400	52.2	86.1	15 400	55.6	87.4	14 400	61.0	88.9	12 800							38.0
40.0	42.5	80.8	12 700*	45.3	82.4	15 200	49.1	84.4	14 300	52.7	85.9	13 400	58.3	87.7	11 800							40.0
42.0	38.9	78.5	11 800*	41.8	80.3	14 200	45.9	82.5	13 300	49.7	84.3	12 400	55.5	86.4	11 000							42.0
44.0	35.0	75.8	11 000*	38.1	77.9	13 200*	42.5	80.4	12 400	46.5	82.5	11 600	52.5	84.9	10 200							44.0
46.0	30.6	72.6	10 400*	34.1	75.1	12 300*	38.9	78.1	11 600	43.1	80.4	10 800	49.5	83.3	9 500	55.1	85.0	8 300				46.0
48.0	25.5	68.8	9 800*	29.6	71.8	11 600*	34.9	75.4	10 900	39.5	78.1	10 100	46.3	81.5	8 900	52.2	83.5	7 700				48.0
50.0	19.2	63.8	9 500*	24.3	67.8	10 900*	30.5	72.2	10 200	35.6	75.5	9 500	42.9	79.4	8 300	49.2	81.8	7 100				50.0
52.0				17.6	62.4	10 300	25.4	68.3	9 600	31.3	72.4	8 900	39.3	77.1	7 800	45.9	80.0	6 700	51.7	81.7	5 600	52.0
54.0							19.1	63.3	9 000	26.4	68.7	8 400	35.4	74.4	7 300	42.5	77.9	6 200	48.6	80.0	5 200	54.0
56.0							9.0	55.1	8 500	20.3	64.0	7 900	31.1	71.3	6 800	38.9	75.5	5 800	45.4	78.1	4 800	56.0
58.0													26.1	67.5	6 400	35.0	72.8	5 400	42.0	75.9	4 400	58.0
60.0													19.9	62.7	6 000	30.6	69.7	5 100	38.3	73.5	4 100	60.0
62.0													10.8	55.2	5 600	25.5	65.8	4 700	34.3	70.8	3 800	62.0
64.0																19.2	60.9	4 400	29.8	67.5	3 500	64.0
66.0																			24.5	63.5	3 200	66.0
68.0																			17.9	58.2	3 000	68.0
70.0																			6.1	48.4	2 700	70.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 149 With
Jib Backstay Pendants On
Boom No. 82
83 730 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



999 SERIES 2

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

Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib 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	76.0	98.3	23 000*																			16.8
18.0	74.5	98.0	22 700*																			18.0
20.0	72.2	97.4	22 200*																			20.0
22.0	69.9	96.7	21 600*	71.7	97.1	26 200*																22.0
24.0	67.5	95.9	20 900*	69.4	96.4	25 900*																24.0
26.0	65.1	95.0	20 700*	67.0	95.6	24 900*	69.8	96.3	25 400													26.0
28.0	62.6	94.0	19 800*	64.6	94.7	23 500*	67.5	95.5	23 200													28.0
30.0	60.1	92.9	18 400*	62.1	93.7	22 000*	65.0	94.6	21 100													30.0
32.0	57.5	91.6	17 100*	59.5	92.5	20 500*	62.6	93.6	19 400	65.5	94.4	18 100										32.0
34.0	54.8	90.3	15 800*	56.9	91.3	18 900	60.0	92.5	17 800	63.0	93.4	16 700										34.0
36.0	52.0	88.8	14 600*	54.2	89.9	17 500	57.4	91.2	16 400	60.5	92.3	15 400										36.0
38.0	49.1	87.1	13 600*	51.4	88.3	16 200	54.8	89.9	15 200	57.9	91.1	14 200										38.0
40.0	46.1	85.2	12 700*	48.5	86.6	15 100	52.0	88.4	14 100	55.2	89.7	13 200	60.3	91.3	11 700							40.0
42.0	42.9	83.2	11 800*	45.5	84.7	14 000	49.1	86.7	13 100	52.5	88.3	12 300	57.8	90.1	10 800							42.0
44.0	39.6	80.9	11 000*	42.3	82.6	13 100	46.1	84.8	12 300	49.6	86.6	11 500	55.1	88.7	10 100							44.0
46.0	35.9	78.2	10 200*	38.8	80.2	12 300	42.9	82.8	11 500	46.6	84.8	10 700	52.3	87.2	9 300	57.5	88.7	8 100				46.0
48.0	31.9	75.2	9 700*	35.1	77.5	11 500	39.5	80.4	10 700	43.5	82.8	10 000	49.5	85.6	8 700	54.8	87.3	7 500				48.0
50.0	27.4	71.6	9 200*	31.0	74.4	10 800*	35.9	77.8	10 100	40.1	80.5	9 300	46.5	83.8	8 100	52.0	85.8	7 000				50.0
52.0	22.0	67.2	8 800*	26.4	70.7	10 100	31.8	74.8	9 500	36.5	77.9	8 700	43.3	81.7	7 600	49.1	84.1	6 500				52.0
54.0	14.8	61.0	8 600*	20.7	66.0	9 600	27.3	71.2	8 900	32.6	75.0	8 200	39.9	79.4	7 100	46.1	82.3	6 000	51.5	84.0	5 000	54.0
56.0				12.9	59.2	9 000	21.9	66.7	8 400	28.2	71.5	7 700	36.3	76.8	6 700	43.0	80.2	5 600	48.6	82.3	4 600	56.0
58.0							14.7	60.5	7 900				32.4	73.9	6 200	39.6	77.9	5 200	45.6	80.4	4 200	58.0
60.0										16.2	61.5	6 800	27.9	70.4	5 800	35.9	75.3	4 900	42.4	78.3	3 900	60.0
62.0													22.6	66.0	5 500	31.9	72.3	4 500	39.0	75.9	3 700	62.0
64.0													15.7	60.1	5 100	27.4	68.7	4 200	35.3	73.2	3 400	64.0
66.0																22.0	64.2	3 900	31.2	70.1	3 100	66.0
68.0																14.8	58.1	3 600	26.5	66.4	2 800	68.0
70.0																			20.9	61.8	2 600	70.0
72.0																			13.2	55.1	2 300	72.0

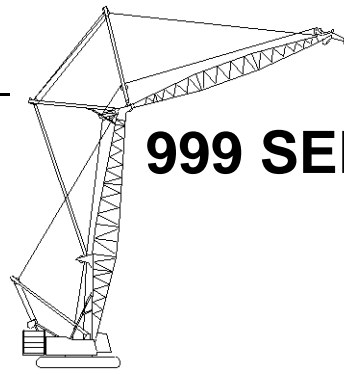


Liftcrane Luffing Jib Capacities

999 SERIES 2

Luffing Jib No. 149 With
Jib Backstay Pendants On
Boom No. 82
83 730 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, 54.9m (180 Ft.) Luffing Jib

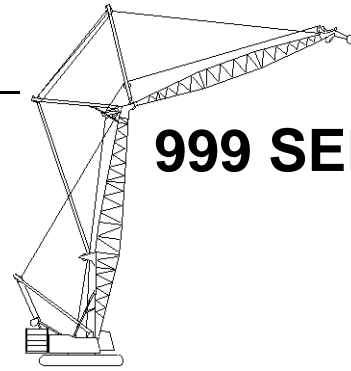
Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
18.3	75.1	101.1	20 900*																18.3
20.0	73.2	100.6	20 500*																20.0
22.0	71.0	99.9	20 000*	72.8	100.3	23 900*													22.0
24.0	68.8	99.2	19 700*	70.6	99.7	23 800*													24.0
26.0	66.5	98.3	19 300*	68.4	98.9	23 500*													26.0
28.0	64.2	97.4	18 700*	66.1	98.0	22 400*	68.8	98.8	22 700										28.0
30.0	61.9	96.4	17 800*	63.8	97.1	21 100*	66.5	97.9	21 000										30.0
32.0	59.5	95.2	16 600*	61.4	96.0	19 900*	64.2	97.0	19 100	66.9	97.7	17 900							32.0
34.0	57.0	94.0	15 400*	59.0	94.9	18 600*	61.9	96.0	17 600	64.6	96.8	16 400							34.0
36.0	54.5	92.6	14 300*	56.5	93.6	17 300	59.5	94.8	16 200	62.3	95.8	15 100							36.0
38.0	51.9	91.1	13 300*	54.0	92.2	16 000	57.0	93.6	15 000	59.9	94.7	14 000							38.0
40.0	49.1	89.4	12 400*	51.3	90.6	14 900	54.4	92.2	13 900	57.4	93.4	13 000	62.1	94.8	11 400				40.0
42.0	46.3	87.5	11 600*	48.6	88.9	13 900	51.8	90.7	12 900	54.9	92.1	12 000	59.7	93.7	10 600				42.0
44.0	43.3	85.5	10 800*	45.7	87.0	12 900	49.1	89.0	12 100	52.3	90.6	11 200	57.3	92.4	9 800				44.0
46.0	40.1	83.2	10 100*	42.7	84.9	12 100	46.3	87.1	11 300	49.6	88.9	10 500	54.8	91.1	9 100				46.0
48.0	36.8	80.7	9 500*	39.5	82.6	11 300	43.3	85.1	10 600	46.8	87.1	9 800	52.1	89.5	8 500	57.0	91.0	7 200	48.0
50.0	33.1	77.8	8 900*	36.0	80.0	10 600	40.1	82.8	9 900	43.8	85.1	9 200	49.4	87.9	7 900	54.5	89.6	6 700	50.0
52.0	29.0	74.4	8 500*	32.3	77.0	10 000	36.7	80.3	9 300	40.7	82.9	8 600	46.6	86.1	7 400	51.9	88.1	6 200	52.0
54.0	24.2	70.3	8 100*	28.1	73.5	9 400	33.0	77.3	8 700	37.3	80.4	8 000	43.6	84.0	6 900	49.1	86.4	5 800	54.0
56.0	18.4	65.1	7 900*	23.1	69.2	8 800	28.9	73.9	8 200	33.7	77.5	7 500	40.5	81.8	6 400	46.3	84.6	5 400	56.0
58.0				16.9	63.6	8 300	24.1	69.9	7 700	29.7	74.2	7 100	37.1	79.3	6 000	43.3	82.6	5 000	58.0
60.0							18.3	64.6	7 200	25.1	70.3	6 600	33.5	76.4	5 600	40.1	80.3	4 600	60.0
62.0							9.2	56.1	6 700	19.5	65.3	6 200	29.4	73.1	5 300	36.8	77.7	4 300	62.0
64.0										11.4	57.8	5 800	24.8	69.1	4 900	33.1	74.8	4 000	64.0
66.0													19.1	64.0	4 500	29.0	71.4	3 700	66.0
68.0													10.7	56.3	4 200	24.2	67.4	3 400	68.0
70.0																18.4	62.1	3 100	70.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 149 With
Jib Backstay Pendants On
Boom No. 82
83 730 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



999 SERIES 2

45.7m (150 Ft.) Boom, 57.9m (190 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	
18.3	75.9	104.2	19 300*																18.3
20.0	74.2	103.8	19 000*																20.0
22.0	72.1	103.1	18 700*																22.0
24.0	70.0	102.4	18 300*	71.7	102.9	21 700*													24.0
26.0	67.9	101.6	17 900*	69.6	102.2	21 600*													26.0
28.0	65.7	100.8	17 400*	67.4	101.4	21 300*	70.0	102.0	21 000*										28.0
30.0	63.5	99.8	17 000*	65.3	100.5	20 200*	67.8	101.3	20 600										30.0
32.0	61.3	98.7	16 100*	63.0	99.5	19 100*	65.7	100.4	19 100										32.0
34.0	59.0	97.6	15 000*	60.8	98.4	18 000*	63.5	99.4	17 500	66.1	100.2	16 400							34.0
36.0	56.6	96.3	14 000*	58.5	97.2	16 900*	61.2	98.4	16 100	63.9	99.2	15 000							36.0
38.0	54.2	94.9	13 100*	56.1	95.9	15 800*	58.9	97.2	14 900	61.6	98.2	13 900							38.0
40.0	51.7	93.4	12 200*	53.7	94.5	14 800	56.6	95.9	13 800	59.4	97.0	12 900							40.0
42.0	49.1	91.7	11 400*	51.2	92.9	13 800	54.2	94.5	12 800	57.0	95.8	11 900	61.5	97.2	10 500				42.0
44.0	46.4	89.8	10 700*	48.6	91.2	12 800	51.7	93.0	12 000	54.6	94.4	11 100	59.2	96.0	9 700				44.0
46.0	43.6	87.8	10 000*	45.9	89.3	12 000	49.1	91.3	11 200	52.1	92.9	10 400	56.9	94.8	9 000				46.0
48.0	40.6	85.6	9 400*	43.0	87.3	11 200	46.4	89.4	10 500	49.6	91.2	9 700	54.5	93.4	8 400				48.0
50.0	37.5	83.1	8 800*	40.0	85.0	10 500	43.6	87.4	9 800	46.9	89.4	9 000	52.0	91.8	7 800				50.0
52.0	34.1	80.3	8 300*	36.8	82.4	9 900	40.6	85.2	9 200	44.1	87.4	8 500	49.4	90.2	7 300	54.2	92.0	6 100	52.0
54.0	30.3	77.0	7 900*	33.3	79.5	9 300	37.4	82.7	8 600	41.2	85.2	7 900	46.7	88.4	6 800	51.7	90.4	5 700	54.0
56.0	26.1	73.2	7 500*	29.5	76.2	8 800	34.0	79.9	8 100	38.0	82.8	7 400	43.9	86.4	6 300	49.1	88.7	5 300	56.0
58.0	21.0	68.6	7 300*	25.1	72.3	8 200	30.3	76.6	7 600	34.7	80.0	7 000	41.0	84.1	5 900	46.4	86.9	4 900	58.0
60.0	14.4	62.2	7 000*	19.9	67.3	7 800	26.0	72.8	7 100	31.0	76.8	6 500	37.8	81.7	5 500	43.6	84.9	4 500	60.0
62.0				12.6	60.3	7 100	21.0	68.1	6 700	26.8	73.2	6 100	34.4	78.9	5 200	40.7	82.6	4 200	62.0
64.0							14.3	61.7	6 300	21.9	68.7	5 800	30.7	75.7	4 800	37.5	80.1	3 900	64.0
66.0										15.7	62.7	5 400	26.6	72.0	4 500	34.1	77.3	3 600	66.0
68.0													21.6	67.4	4 200	30.3	74.1	3 300	68.0
70.0													15.2	61.3	3 900	26.1	70.3	3 100	70.0
72.0																21.0	65.6	2 800	72.0
74.0																14.4	59.2	2 600	74.0

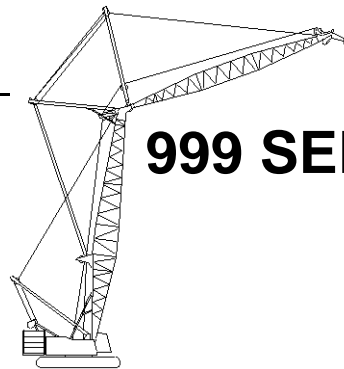


Liftcrane Luffing Jib Capacities

999 SERIES 2

Luffing Jib No. 149 With
Jib Backstay Pendants On
Boom No. 82
83 730 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, 61.0m (200 Ft.) Luffing Jib

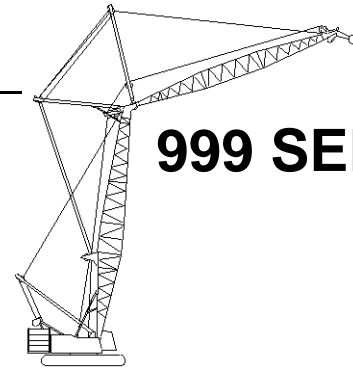
Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
19.8	75.1	107.0	17 500*													19.8
20.0	75.0	106.9	17 500*													20.0
22.0	73.0	106.3	17 300*													22.0
24.0	71.0	105.7	16 900*	72.6	106.1	19 800*										24.0
26.0	69.0	104.9	16 600*	70.6	105.4	19 700*										26.0
28.0	67.0	104.1	16 300*	68.6	104.7	19 500*										28.0
30.0	64.9	103.2	15 900*	66.6	103.8	19 200*	69.0	104.5	19 000*							30.0
32.0	62.8	102.2	15 500*	64.5	102.9	18 300*	67.0	103.7	18 800							32.0
34.0	60.7	101.1	14 600*	62.4	101.9	17 300*	64.9	102.8	17 300	67.3	103.5	16 100				34.0
36.0	58.5	99.9	13 600*	60.2	100.8	16 300*	62.8	101.8	15 900	65.3	102.6	14 800				36.0
38.0	56.2	98.6	12 700*	58.0	99.6	15 400*	60.6	100.7	14 700	63.2	101.6	13 700				38.0
40.0	53.9	97.2	12 000*	55.8	98.2	14 500*	58.5	99.5	13 600	61.0	100.5	12 600				40.0
42.0	51.6	95.7	11 200*	53.5	96.8	13 500	56.2	98.2	12 600	58.9	99.4	11 700				42.0
44.0	49.1	94.0	10 500*	51.1	95.2	12 600	53.9	96.8	11 800	56.6	98.1	10 900	60.9	99.5	9 500	44.0
46.0	46.6	92.2	9 800*	48.6	93.5	11 800	51.5	95.3	11 000	54.3	96.7	10 100	58.7	98.4	8 800	46.0
48.0	43.9	90.1	9 200*	46.0	91.6	11 100	49.1	93.6	10 200	52.0	95.2	9 400	56.5	97.1	8 200	48.0
50.0	41.1	87.9	8 700*	43.3	89.6	10 400	46.5	91.8	9 600	49.5	93.5	8 800	54.2	95.7	7 600	50.0
52.0	38.1	85.5	8 200*	40.5	87.3	9 700	43.9	89.7	9 000	47.0	91.7	8 200	51.8	94.2	7 000	52.0
54.0	34.9	82.7	7 700*	37.5	84.8	9 100	41.1	87.5	8 400	44.4	89.7	7 700	49.4	92.5	6 600	54.0
56.0	31.5	79.6	7 300*	34.3	82.0	8 600	38.1	85.1	7 900	41.6	87.6	7 200	46.8	90.7	6 100	56.0
58.0	27.6	76.1	7 000*	30.7	78.9	8 000	34.9	82.3	7 400	38.6	85.1	6 800	44.2	88.7	5 700	58.0
60.0	23.2	71.8	6 700*	26.8	75.2	7 600	31.4	79.2	6 900	35.5	82.5	6 300	41.4	86.5	5 300	60.0
62.0	17.7	66.3	6 600*	22.2	70.7	7 100	27.6	75.6	6 500	32.1	79.4	5 900	38.5	84.1	4 900	62.0
64.0	9.5	57.8	5 700*	16.4	64.8	6 700	23.1	71.3	6 100	28.3	75.9	5 500	35.3	81.4	4 600	64.0
66.0							17.6	65.8	5 800	24.0	71.8	5 200	31.9	78.3	4 300	66.0
68.0							9.3	57.2	5 400	18.7	66.6	4 900	28.1	74.8	4 000	68.0
70.0										11.3	58.9	4 500	23.7	70.6	3 700	70.0
72.0													18.4	65.3	3 400	72.0
74.0													10.7	57.4	3 100	74.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 149 With
Jib Backstay Pendants On
Boom No. 82
83 730 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



999 SERIES 2

45.7m (150 Ft.) Boom, 64.0m (210 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
19.8	75.9	110.1	16 100*													19.8
20.0	75.7	110.1	16 100*													20.0
22.0	73.8	109.5	15 900*													22.0
24.0	72.0	108.9	15 700*													24.0
26.0	70.1	108.2	15 400*	71.6	108.6	18 000*										26.0
28.0	68.1	107.4	15 100*	69.7	107.9	17 800*										28.0
30.0	66.2	106.6	14 900*	67.7	107.1	17 700*	70.0	107.8	17 200*							30.0
32.0	64.2	105.6	14 600*	65.8	106.3	17 400*	68.1	107.0	17 200*							32.0
34.0	62.2	104.6	14 100*	63.8	105.3	16 600*	66.2	106.2	17 000							34.0
36.0	60.2	103.5	13 200*	61.8	104.3	15 700*	64.2	105.2	15 800	66.5	105.9	14 600				36.0
38.0	58.1	102.3	12 400*	59.7	103.1	14 900*	62.2	104.2	14 500	64.5	105.0	13 500				38.0
40.0	55.9	100.9	11 700*	57.6	101.9	14 100*	60.1	103.1	13 500	62.5	104.0	12 500				40.0
42.0	53.7	99.5	11 000*	55.5	100.6	13 200*	58.0	101.9	12 500	60.5	102.9	11 500				42.0
44.0	51.5	98.0	10 300*	53.3	99.1	12 500*	55.9	100.6	11 600	58.4	101.7	10 700				44.0
46.0	49.1	96.3	9 700*	51.0	97.5	11 700	53.7	99.1	10 800	56.3	100.4	10 000	60.4	101.9	8 600	46.0
48.0	46.7	94.5	9 100*	48.6	95.8	10 900	51.4	97.6	10 100	54.1	99.0	9 300	58.3	100.7	7 900	48.0
50.0	44.2	92.5	8 600*	46.2	94.0	10 200	49.1	95.9	9 400	51.8	97.5	8 700	56.2	99.4	7 400	50.0
52.0	41.5	90.3	8 100*	43.6	91.9	9 600	46.7	94.1	8 800	49.5	95.8	8 100	54.0	98.0	6 800	52.0
54.0	38.7	87.9	7 600*	40.9	89.7	9 000	44.1	92.1	8 200	47.1	94.0	7 500	51.7	96.5	6 400	54.0
56.0	35.7	85.2	7 200*	38.1	87.2	8 400	41.5	89.9	7 700	44.6	92.0	7 100	49.4	94.8	5 900	56.0
58.0	32.5	82.2	6 800*	35.1	84.5	7 900	38.7	87.5	7 200	42.0	89.9	6 600	47.0	93.0	5 500	58.0
60.0	29.0	78.8	6 500*	31.8	81.4	7 400	35.7	84.8	6 800	39.2	87.5	6 200	44.4	91.0	5 100	60.0
62.0	25.0	74.8	6 300*	28.2	77.9	7 000	32.5	81.8	6 400	36.2	84.9	5 800	41.8	88.8	4 800	62.0
64.0	20.2	69.9	6 100*	24.1	73.8	6 600	28.9	78.4	6 000	33.1	82.0	5 400	39.0	86.5	4 400	64.0
66.0	14.0	63.3	5 600*	19.1	68.6	6 200	24.9	74.4	5 600	29.6	78.6	5 000	36.1	83.8	4 100	66.0
68.0				12.4	61.4	5 500	20.2	69.5	5 200	25.7	74.8	4 700	32.9	80.9	3 800	68.0
70.0							13.9	62.8	4 900	21.1	70.1	4 400	29.4	77.5	3 500	70.0
72.0										15.2	63.8	4 100	25.4	73.6	3 300	72.0
74.0													20.8	68.8	3 000	74.0
76.0													14.8	62.5	2 700	76.0

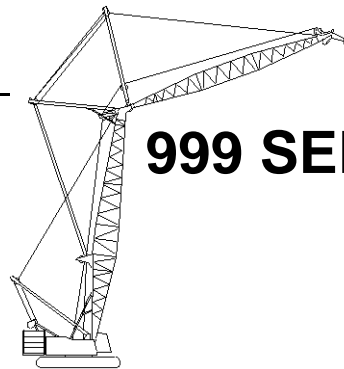


Liftcrane Luffing Jib Capacities

999 SERIES 2

Luffing Jib No. 149 With
Jib Backstay Pendants On
Boom No. 82
83 730 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, 67.1m (220 Ft.) Luffing Jib

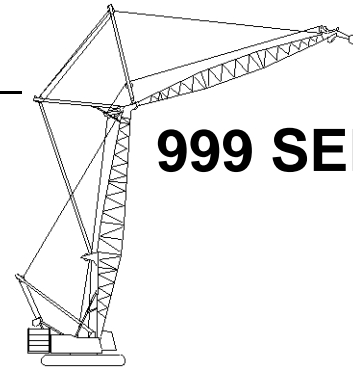
Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
21.3	75.2	112.9	14 600*										21.3
22.0	74.6	112.7	14 600*										22.0
24.0	72.8	112.1	14 400*										24.0
26.0	71.0	111.4	14 300*	72.4	111.9	16 400*							26.0
28.0	69.2	110.7	14 000*	70.6	111.2	16 200*							28.0
30.0	67.3	109.9	13 700*	68.8	110.4	16 100*							30.0
32.0	65.5	109.0	13 400*	67.0	109.6	16 000*	69.2	110.3	15 600*				32.0
34.0	63.6	108.0	13 200*	65.1	108.7	15 700*	67.3	109.5	15 500*				34.0
36.0	61.6	107.0	12 800*	63.2	107.7	15 100*	65.4	108.6	15 300				36.0
38.0	59.7	105.8	12 100*	61.2	106.6	14 300*	63.5	107.6	14 300	65.8	108.4	13 300	38.0
40.0	57.7	104.6	11 300*	59.3	105.5	13 600*	61.6	106.6	13 200	63.9	107.4	12 200	40.0
42.0	55.6	103.3	10 700*	57.3	104.2	12 900*	59.6	105.4	12 300	62.0	106.4	11 300	42.0
44.0	53.5	101.8	10 100*	55.2	102.9	12 200*	57.6	104.2	11 400	60.0	105.3	10 500	44.0
46.0	51.3	100.3	9 500*	53.1	101.4	11 500	55.6	102.9	10 600	58.0	104.1	9 700	46.0
48.0	49.1	98.6	8 900*	50.9	99.8	10 700	53.5	101.4	9 900	56.0	102.7	9 000	48.0
50.0	46.8	96.8	8 400*	48.6	98.1	10 000	51.3	99.9	9 200	53.9	101.3	8 400	50.0
52.0	44.4	94.8	7 900*	46.3	96.3	9 400	49.1	98.2	8 600	51.7	99.8	7 900	52.0
54.0	41.9	92.6	7 500*	43.9	94.2	8 800	46.8	96.4	8 100	49.5	98.1	7 300	54.0
56.0	39.2	90.3	7 100*	41.3	92.0	8 200	44.4	94.4	7 500	47.2	96.3	6 800	56.0
58.0	36.4	87.6	6 700*	38.7	89.6	7 700	41.8	92.2	7 100	44.8	94.4	6 400	58.0
60.0	33.4	84.7	6 400*	35.8	87.0	7 300	39.2	89.8	6 600	42.3	92.2	6 000	60.0
62.0	30.1	81.5	6 100*	32.8	84.0	6 800	36.4	87.2	6 200	39.7	89.9	5 600	62.0
64.0	26.5	77.7	5 800*	29.4	80.6	6 400	33.4	84.3	5 800	36.9	87.3	5 200	64.0
66.0	22.3	73.2	5 700*	25.7	76.8	6 000	30.1	81.0	5 400	33.9	84.5	4 900	66.0
68.0	17.1	67.5	5 200*	21.3	72.1	5 600	26.4	77.3	5 100	30.7	81.3	4 500	68.0
70.0	9.5	58.9	4 100*	15.9	66.0	5 200	22.2	72.8	4 700	27.1	77.6	4 200	70.0
72.0							17.1	67.1	4 400	23.0	73.3	3 900	72.0
74.0							9.4	58.3	4 100	18.1	67.8	3 600	74.0
76.0										11.2	60.0	3 300	76.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 149 With
Jib Backstay Pendants On
Boom No. 82
83 730 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



999 SERIES 2

45.7m (150 Ft.) Boom, 70.1m (230 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 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	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
21.3	75.8	116.0	13 600*										21.3
22.0	75.3	115.9	13 600*										22.0
24.0	73.6	115.3	13 400*										24.0
26.0	71.9	114.7	13 200*	73.2	115.1	15 500*							26.0
28.0	70.1	114.0	12 900*	71.5	114.4	15 300*							28.0
30.0	68.4	113.2	12 700*	69.8	113.7	15 200*							30.0
32.0	66.6	112.3	12 500*	68.0	112.9	15 100*	70.1	113.6	14 900*				32.0
34.0	64.8	111.4	12 200*	66.2	112.1	14 400*	68.4	112.8	14 900*				34.0
36.0	63.0	110.4	11 700*	64.4	111.1	13 700*	66.6	112.0	14 800*				36.0
38.0	61.1	109.4	11 100*	62.6	110.1	13 100*	64.8	111.0	14 200				38.0
40.0	59.2	108.2	10 400*	60.7	109.0	12 400*	63.0	110.0	13 100	65.1	110.8	12 100	40.0
42.0	57.3	106.9	9 800*	58.8	107.8	11 800*	61.1	109.0	12 100	63.3	109.8	11 200	42.0
44.0	55.3	105.6	9 300*	56.9	106.6	11 200*	59.2	107.8	11 200	61.4	108.8	10 400	44.0
46.0	53.3	104.1	8 700*	54.9	105.2	10 600*	57.3	106.5	10 500	59.6	107.6	9 600	46.0
48.0	51.2	102.6	8 300*	52.9	103.7	10 000*	55.3	105.2	9 700	57.6	106.4	8 900	48.0
50.0	49.1	100.9	7 800*	50.8	102.1	9 400*	53.3	103.7	9 100	55.7	105.1	8 300	50.0
52.0	46.9	99.1	7 400*	48.7	100.4	8 900*	51.2	102.2	8 500	53.7	103.6	7 700	52.0
54.0	44.6	97.1	6 900*	46.4	98.6	8 400*	49.1	100.5	7 900	51.6	102.1	7 200	54.0
56.0	42.2	95.0	6 500*	44.1	96.6	7 900*	46.9	98.7	7 400	49.5	100.4	6 700	56.0
58.0	39.7	92.6	6 200*	41.7	94.4	7 500*	44.6	96.7	6 900	47.3	98.6	6 200	58.0
60.0	37.0	90.1	5 900*	39.2	92.0	7 100	42.2	94.6	6 400	45.0	96.7	5 800	60.0
62.0	34.2	87.2	5 700*	36.5	89.4	6 700	39.7	92.2	6 000	42.6	94.6	5 400	62.0
64.0	31.2	84.1	5 400*	33.6	86.5	6 300	37.0	89.7	5 700	40.1	92.3	5 100	64.0
66.0	27.8	80.5	5 200*	30.5	83.3	5 900	34.2	86.8	5 300	37.5	89.7	4 700	66.0
68.0	24.0	76.3	5 000*	27.1	79.6	5 500	31.1	83.7	5 000	34.7	87.0	4 400	68.0
70.0	19.5	71.2	4 900*	23.2	75.3	5 200	27.8	80.1	4 600	31.7	83.9	4 100	70.0
72.0	13.7	64.4	4 000*	18.5	69.9	4 800	24.0	75.9	4 300	28.4	80.4	3 800	72.0
74.0				12.2	62.5	4 000*	19.5	70.8	4 000	24.7	76.3	3 500	74.0
76.0							13.6	63.9	3 700	20.4	71.4	3 200	76.0
78.0										14.9	65.0	3 000	78.0

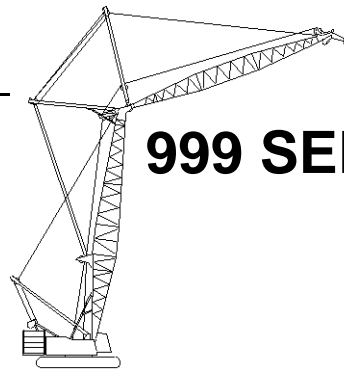


Liftcrane Luffing Jib Capacities

999 SERIES 2

Luffing Jib No. 149 With
Jib Backstay Pendants On
Boom No. 82
83 730 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, 73.2m (240 Ft.) Luffing Jib

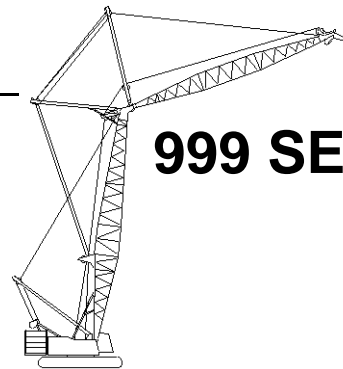
Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
22.9	75.2	118.8	12 400*										22.9
24.0	74.3	118.5	12 300*										24.0
26.0	72.6	117.9	12 200*	74.0	118.2	14 100*							26.0
28.0	71.0	117.2	12 000*	72.3	117.6	14 000*							28.0
30.0	69.3	116.5	11 800*	70.7	116.9	13 900*							30.0
32.0	67.6	115.7	11 600*	69.0	116.2	13 700*	71.0	116.8	13 600*				32.0
34.0	65.9	114.8	11 400*	67.3	115.4	13 600*	69.3	116.1	13 500*				34.0
36.0	64.2	113.8	11 100*	65.6	114.5	13 100*	67.6	115.3	13 400*				36.0
38.0	62.4	112.8	10 600*	63.8	113.5	12 500*	65.9	114.4	13 300*				38.0
40.0	60.7	111.7	10 000*	62.1	112.5	11 900*	64.2	113.5	12 900	66.2	114.2	11 900	40.0
42.0	58.8	110.5	9 500*	60.3	111.4	11 300*	62.4	112.4	11 900	64.5	113.2	10 900	42.0
44.0	57.0	109.3	9 000*	58.5	110.2	10 800*	60.6	111.3	11 000	62.7	112.2	10 100	44.0
46.0	55.1	107.9	8 500*	56.6	108.9	10 200*	58.8	110.2	10 300	61.0	111.2	9 400	46.0
48.0	53.1	106.4	8 000*	54.7	107.5	9 700*	57.0	108.9	9 500	59.1	110.0	8 700	48.0
50.0	51.1	104.9	7 600*	52.7	106.0	9 200*	55.1	107.5	8 900	57.3	108.7	8 100	50.0
52.0	49.1	103.2	7 200*	50.7	104.4	8 700*	53.1	106.1	8 300	55.4	107.4	7 500	52.0
54.0	47.0	101.4	6 800*	48.7	102.7	8 200*	51.1	104.5	7 700	53.5	105.9	7 000	54.0
56.0	44.8	99.4	6 400*	46.5	100.9	7 800*	49.1	102.8	7 200	51.5	104.4	6 500	56.0
58.0	42.5	97.3	6 100*	44.3	98.9	7 400	47.0	101.0	6 700	49.4	102.7	6 100	58.0
60.0	40.1	95.0	5 800*	42.0	96.7	6 900	44.8	99.0	6 300	47.3	100.9	5 600	60.0
62.0	37.6	92.5	5 500*	39.6	94.4	6 500	42.5	96.9	5 900	45.2	99.0	5 200	62.0
64.0	34.9	89.7	5 300*	37.1	91.8	6 100	40.1	94.6	5 500	42.9	96.9	4 900	64.0
66.0	32.1	86.7	5 000*	34.4	89.0	5 700	37.6	92.1	5 100	40.5	94.6	4 500	66.0
68.0	29.0	83.2	4 800*	31.5	85.9	5 300	34.9	89.3	4 700	38.0	92.2	4 200	68.0
70.0	25.5	79.3	4 600*	28.3	82.4	5 000	32.0	86.2	4 400	35.4	89.4	3 900	70.0
72.0	21.5	74.6	4 200*	24.7	78.3	4 700	28.9	82.8	4 100	32.6	86.4	3 600	72.0
74.0	16.7	68.7	3 700*	20.6	73.4	4 300	25.4	78.9	3 800	29.5	83.1	3 300	74.0
76.0	9.6	60.0	2 700*	15.5	67.2	3 700*	21.5	74.2	3 600	26.1	79.2	3 100	76.0
78.0							16.6	68.3	3 300	22.2	74.7	2 800	78.0
80.0							9.5	59.4	2 900	17.6	69.1	2 500	80.0
82.0										11.1	61.1	2 300	82.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 149 With
Jib Backstay Pendants On
Boom No. 82
83 730 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



999 SERIES 2

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

Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib 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	63.7	70.2	48 700*b																			13.7
14.0	62.8	70.0	48 400*b																			14.0
16.0	56.6	68.8	46 300*b	61.9	69.7	50 300*b																16.0
18.0	49.7	67.2	42 700*	55.6	68.5	45 500b																18.0
20.0	42.1	65.2	37 800*	48.7	66.8	39 800	57.3	68.6	37 900b	65.1	69.6	36 100b										20.0
22.0	33.1	62.5	34 200*	40.9	64.8	35 200	50.6	67.0	33 500	59.0	68.5	31 900b										22.0
24.0	20.8	58.4	31 800*	31.5	61.9	31 500	43.1	65.1	30 000	52.4	67.1	28 500										24.0
26.0							34.3	62.5	27 100	45.1	65.2	25 700	59.4	67.6	23 400b							26.0
28.0							22.6	58.6	24 600	36.7	62.8	23 400	52.9	66.2	21 300b							28.0
30.0										26.1	59.4	21 300	45.7	64.4	19 400							30.0
32.0										2.6	51.0	19 500	37.4	62.1	17 800	53.0	64.9	16 100				32.0
34.0													27.0	58.7	16 400	45.8	63.1	14 800				34.0
36.0																37.6	60.8	13 700				36.0
38.0																27.2	57.5	12 700	45.5	61.3	11 300	38.0
40.0																			37.1	59.0	10 500	40.0
42.0																			26.7	55.6	9 700	42.0

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

Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib 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	67.2	73.5	45 500*b																			13.7
14.0	66.5	73.4	45 100*b																			14.0
16.0	61.2	72.4	42 500*b	65.7	73.1	48 600*b																16.0
18.0	55.6	71.1	40 400*	60.4	72.1	44 900*																18.0
20.0	49.6	69.5	36 400*	54.8	70.8	39 700	61.8	72.1	37 700b													20.0
22.0	43.0	67.6	32 500*	48.7	69.1	35 100	56.3	70.9	33 300	63.2	72.0	31 700b										22.0
24.0	35.5	65.0	29 400*	42.0	67.1	31 400	50.4	69.3	29 800	57.8	70.8	28 300										24.0
26.0	26.0	61.5	27 100*	34.2	64.5	28 300	43.9	67.4	26 900	52.0	69.4	25 500										26.0
28.0				24.3	60.8	25 700	36.4	65.0	24 500	45.6	67.5	23 100	58.2	69.9	21 000							28.0
30.0							27.3	61.6	22 300	38.5	65.3	21 200	52.4	68.5	19 200							30.0
32.0							13.0	55.9	20 500	29.9	62.2	19 400	46.1	66.7	17 600							32.0
34.0										17.8	57.5	17 900	39.0	64.5	16 200	52.5	67.2	14 500				34.0
36.0													30.6	61.5	15 000	46.2	65.4	13 400				36.0
38.0													18.9	57.0	13 900	39.2	63.2	12 400				38.0
40.0																30.8	60.2	11 500	45.9	63.6	10 200	40.0
42.0																			38.8	61.4	9 500	42.0
44.0																			30.3	58.4	8 800	44.0

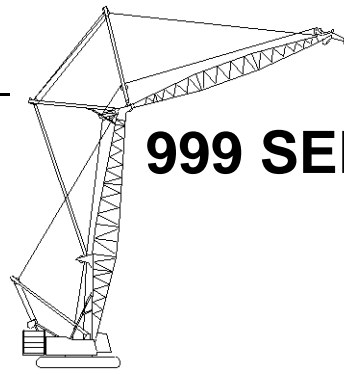


Liftcrane Luffing Jib Capacities

999 SERIES 2

Luffing Jib No. 149 With
Jib Backstay Pendants On
Boom No. 82
83 730 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, 27.4m (90 Ft.) Luffing Jib

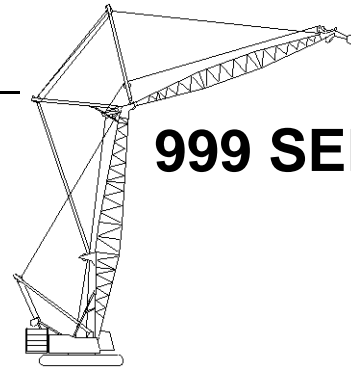
Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib 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	69.9	76.8	41 700*b																			13.7
14.0	69.2	76.7	41 500*b																			14.0
16.0	64.7	75.8	39 600*b	68.6	76.5	47 100*b																16.0
18.0	59.9	74.7	38 200*	64.0	75.6	43 700*																18.0
20.0	54.9	73.4	35 100*	59.2	74.4	39 600	65.2	75.5	37 500b													20.0
22.0	49.6	71.8	31 600*	54.1	73.1	35 000	60.5	74.5	33 200	66.4	75.4	31 500b										22.0
24.0	43.7	69.9	28 300*	48.7	71.4	31 300	55.5	73.2	29 700	61.7	74.4	28 100										24.0
26.0	37.2	67.5	25 700*	42.8	69.4	28 200	50.2	71.6	26 800	56.8	73.1	25 300										26.0
28.0	29.4	64.3	23 600*	36.1	66.9	25 700	44.5	69.7	24 300	51.6	71.7	23 000										28.0
30.0	18.8	59.7	22 300*	28.1	63.6	23 400	38.0	67.4	22 200	46.0	69.9	21 000	57.2	72.3	19 000							30.0
32.0				16.7	58.6	21 500	30.4	64.4	20 400	39.8	67.6	19 300	52.0	70.8	17 400							32.0
34.0							20.4	60.0	18 800	32.6	64.8	17 800	46.4	69.0	16 100							34.0
36.0										23.4	60.9	16 500	40.2	66.8	14 800	52.1	69.5	13 300				36.0
38.0										5.8	52.8	15 200	33.1	64.1	13 800	46.5	67.7	12 300				38.0
40.0													24.2	60.3	12 800	40.4	65.5	11 400	51.9	67.7	10 000	40.0
42.0																33.3	62.8	10 600	46.3	65.9	9 300	42.0
44.0																24.4	59.0	9 900	40.1	63.8	8 600	44.0
46.0																			32.9	61.0	8 000	46.0
48.0																			23.9	57.1	7 500	48.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 149 With
Jib Backstay Pendants On
Boom No. 82
83 730 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



999 SERIES 2

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

Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib 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	72.0	80.1	38 700*b																			13.7
14.0	71.4	80.0	38 400*b																			14.0
16.0	67.4	79.2	36 900*b	70.8	79.7	45 300*b																16.0
18.0	63.2	78.2	35 400*	66.8	78.9	42 200*																18.0
20.0	58.9	77.1	33 800*	62.6	78.0	39 300	67.9	78.9	37 400b													20.0
22.0	54.3	75.7	30 500*	58.2	76.8	34 800	63.7	78.0	33 000													22.0
24.0	49.5	74.1	27 500*	53.6	75.4	31 100	59.4	76.8	29 500	64.8	77.8	27 900										24.0
26.0	44.3	72.2	24 900*	48.8	73.7	28 100	54.9	75.5	26 600	60.5	76.7	25 100										26.0
28.0	38.5	69.9	22 600*	43.5	71.8	25 500	50.1	73.9	24 100	56.1	75.5	22 800										28.0
30.0	31.9	67.0	20 800*	37.6	69.4	23 300	44.9	72.1	22 000	51.4	74.0	20 800										30.0
32.0	23.6	63.0	19 500*	30.8	66.3	21 400	39.3	69.8	20 300	46.3	72.2	19 100	56.4	74.6	17 200							32.0
34.0				22.1	62.2	19 800	32.7	67.0	18 700	40.8	70.0	17 600	51.7	73.1	15 800							34.0
36.0							24.7	63.2	17 300	34.5	67.3	16 300	46.7	71.3	14 600							36.0
38.0							12.4	57.0	16 000	27.0	63.9	15 100	41.2	69.2	13 600	51.8	71.8	12 000				38.0
40.0													35.0	66.6	12 600	46.8	70.0	11 100				40.0
42.0													27.6	63.2	11 700	41.3	67.9	10 300				42.0
44.0													17.5	58.2	10 900	35.1	65.3	9 600	46.6	68.3	8 400	44.0
46.0																27.8	61.9	9 000	41.1	66.1	7 800	46.0
48.0																17.7	57.0	8 400	34.8	63.5	7 200	48.0
50.0																			27.4	60.1	6 700	50.0

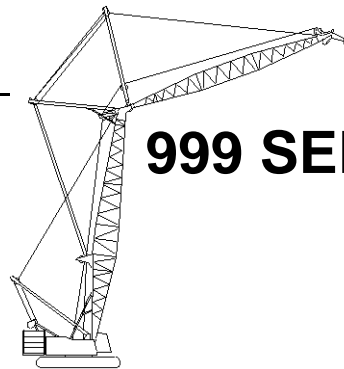


Liftcrane Luffing Jib Capacities

999 SERIES 2

Luffing Jib No. 149 With
Jib Backstay Pendants On
Boom No. 82
83 730 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, 33.5m (110 Ft.) Luffing Jib

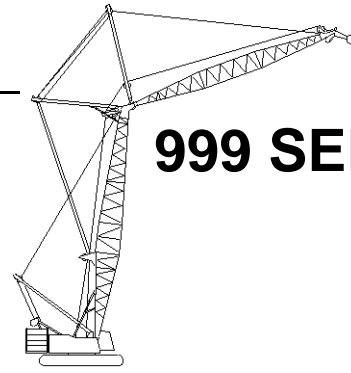
Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib 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	73.7	83.3	35 900*b																			13.7
14.0	73.2	83.2	35 800*b																			14.0
16.0	69.5	82.5	34 800*b	72.6	83.0	42 500*b																16.0
18.0	65.8	81.6	33 000*	69.0	82.2	40 800*																18.0
20.0	62.0	80.6	31 600*	65.3	81.4	38 200	70.0	82.2	37 300													20.0
22.0	58.0	79.4	29 700*	61.4	80.3	34 900	66.3	81.3	32 900													22.0
24.0	53.9	78.0	26 700*	57.4	79.1	31 100	62.5	80.4	29 400													24.0
26.0	49.5	76.4	24 300*	53.2	77.7	28 000	58.5	79.2	26 500	63.5	80.2	25 000										26.0
28.0	44.7	74.5	22 100*	48.8	76.0	25 500	54.4	77.8	24 100	59.5	79.1	22 700										28.0
30.0	39.6	72.3	20 100*	44.0	74.1	23 300	50.0	76.2	22 000	55.5	77.8	20 700										30.0
32.0	33.8	69.5	18 500*	38.8	71.8	21 400	45.3	74.4	20 200	51.2	76.3	19 000	59.8	78.2	17 100							32.0
34.0	26.9	66.0	17 300*	32.8	68.9	19 800	40.2	72.2	18 600	46.6	74.5	17 500	55.8	76.9	15 700							34.0
36.0	17.5	60.9	16 500*	25.7	65.3	18 300	34.5	69.5	17 300	41.6	72.4	16 300	51.5	75.4	14 600							36.0
38.0				15.7	59.8	17 000	27.8	66.1	16 000	36.1	69.8	15 100	46.9	73.6	13 500							38.0
40.0							18.9	61.3	14 900	29.7	66.6	14 000	42.0	71.5	12 500	51.6	74.1	11 000				40.0
42.0										21.5	62.3	13 100	36.5	69.0	11 700	47.0	72.3	10 300				42.0
44.0													30.1	65.9	10 900	42.1	70.3	9 600				44.0
46.0													22.2	61.7	10 200	36.6	67.8	8 900	46.8	70.6	7 700	46.0
48.0																30.3	64.6	8 300	41.8	68.5	7 200	48.0
50.0																22.4	60.5	7 800	36.3	65.9	6 700	50.0
52.0																			30.0	62.8	6 300	52.0
54.0																			22.0	58.6	5 800	54.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 149 With
Jib Backstay Pendants On
Boom No. 82
83 730 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



999 SERIES 2

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

Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib 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	86.4	33 200*b																			13.7
14.0	74.6	86.4	33 000*b																			14.0
16.0	71.3	85.7	31 800*																			16.0
18.0	68.0	85.0	30 900*	70.8	85.5	38 200*																18.0
20.0	64.5	84.0	29 500*	67.5	84.7	37 000*																20.0
22.0	61.0	83.0	28 400*	64.0	83.8	34 200	68.4	84.7	32 700													22.0
24.0	57.3	81.8	26 200*	60.4	82.7	30 900	64.9	83.8	29 200													24.0
26.0	53.5	80.4	23 800*	56.7	81.5	27 900	61.4	82.7	26 300	65.8	83.6	24 800										26.0
28.0	49.4	78.7	21 600*	52.9	80.0	25 300	57.7	81.5	23 900	62.3	82.6	22 500										28.0
30.0	45.1	76.8	19 800*	48.8	78.3	23 100	53.9	80.1	21 800	58.7	81.4	20 500										30.0
32.0	40.5	74.6	18 100*	44.4	76.4	21 200	49.9	78.5	20 000	54.9	80.1	18 800	62.6	81.7	16 800							32.0
34.0	35.3	72.0	16 700*	39.7	74.2	19 600	45.6	76.7	18 500	51.0	78.6	17 300	59.0	80.6	15 500							34.0
36.0	29.3	68.8	15 600*	34.4	71.4	18 100	41.0	74.5	17 100	46.8	76.8	16 000	55.2	79.2	14 300							36.0
38.0	21.9	64.5	14 700*	28.3	68.1	16 800	35.9	71.9	15 800	42.3	74.7	14 900	51.3	77.7	13 200							38.0
40.0				20.5	63.5	15 700	30.1	68.8	14 800	37.3	72.2	13 800	47.1	75.9	12 300	55.3	77.9	10 800				40.0
42.0							22.9	64.7	13 800	31.7	69.3	12 900	42.6	73.9	11 400	51.3	76.4	10 000				42.0
44.0							12.1	58.1	12 800	24.9	65.5	12 000	37.7	71.5	10 700	47.2	74.6	9 300				44.0
46.0													32.1	68.5	10 000	42.7	72.6	8 700	51.2	74.6	7 400	46.0
48.0													25.5	64.8	9 300	37.8	70.2	8 100	47.0	72.9	6 900	48.0
50.0													16.4	59.4	8 700	32.2	67.2	7 600	42.5	70.8	6 400	50.0
52.0																25.6	63.5	7 100	37.5	68.4	6 000	52.0
54.0																16.7	58.2	6 600	31.9	65.4	5 600	54.0
56.0																			25.3	61.7	5 200	56.0

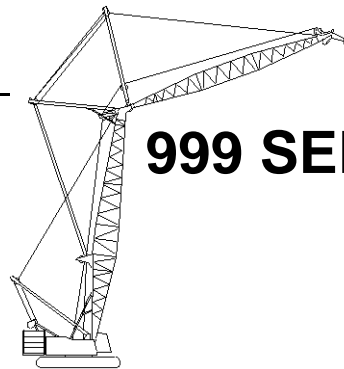


Liftcrane Luffing Jib Capacities

999 SERIES 2

Luffing Jib No. 149 With
Jib Backstay Pendants On
Boom No. 82
83 730 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

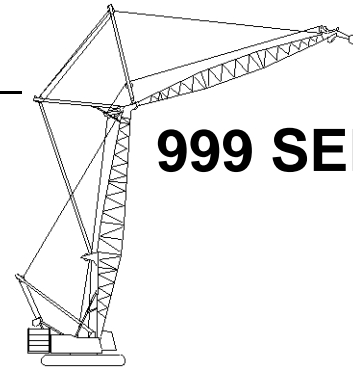
Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib 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	74.0	89.2	30 000*																			15.2
16.0	72.8	88.9	29 800*																			16.0
18.0	69.7	88.2	28 800*																			18.0
20.0	66.6	87.4	27 700*	69.3	88.0	34 500*																20.0
22.0	63.4	86.5	26 700*	66.1	87.2	32 900*																22.0
24.0	60.1	85.4	25 400*	62.9	86.2	30 400*	67.0	87.1	29 100													24.0
26.0	56.7	84.1	23 200*	59.6	85.1	27 700	63.8	86.2	26 100	67.8	86.9	24 600										26.0
28.0	53.1	82.7	21 100*	56.2	83.8	25 100	60.5	85.1	23 700	64.6	86.0	22 300										28.0
30.0	49.4	81.0	19 400*	52.6	82.3	23 000	57.1	83.9	21 600	61.4	85.0	20 300										30.0
32.0	45.4	79.1	17 800*	48.8	80.6	21 100	53.6	82.4	19 900	58.0	83.8	18 600										32.0
34.0	41.2	77.0	16 300*	44.8	78.7	19 500	49.8	80.8	18 300	54.5	82.4	17 200	61.6	84.1	15 300							34.0
36.0	36.5	74.4	15 100*	40.5	76.5	18 000	45.9	79.0	16 900	50.8	80.9	15 900	58.2	82.9	14 100							36.0
38.0	31.2	71.4	14 100*	35.7	73.9	16 700	41.7	76.9	15 700	47.0	79.1	14 700	54.7	81.5	13 100							38.0
40.0	25.0	67.6	13 300*	30.4	70.8	15 500*	37.1	74.4	14 600	42.8	77.0	13 700	51.1	80.0	12 100							40.0
42.0	16.6	62.1	12 800*	23.9	66.8	14 500	31.9	71.4	13 600	38.3	74.7	12 800	47.2	78.2	11 300	54.8	80.2	9 800				42.0
44.0				14.9	60.9	13 600	25.8	67.7	12 700	33.3	71.8	11 900	43.1	76.2	10 500	51.2	78.7	9 100				44.0
46.0							17.8	62.5	11 900	27.5	68.3	11 100	38.6	73.9	9 800	47.3	76.9	8 500				46.0
48.0										20.2	63.7	10 400	33.7	71.1	9 200	43.2	74.9	7 900	51.0	76.9	6 700	48.0
50.0													27.9	67.6	8 600	38.7	72.6	7 400	47.1	75.2	6 200	50.0
52.0													20.8	63.1	8 000	33.8	69.8	6 900	43.0	73.1	5 800	52.0
54.0																28.1	66.4	6 500	38.5	70.8	5 400	54.0
56.0																20.9	61.9	6 000	33.5	68.0	5 000	56.0
58.0																			27.8	64.5	4 700	58.0
60.0																			20.5	59.9	4 300	60.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 149 With
Jib Backstay Pendants On
Boom No. 82
83 730 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



999 SERIES 2

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

Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib 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	92.3	27 800*																			15.2
16.0	74.1	92.1	27 600*																			16.0
18.0	71.3	91.5	27 000*																			18.0
20.0	68.4	90.7	26 100*	70.8	91.3	32 000*																20.0
22.0	65.4	89.8	25 200*	67.9	90.5	31 100*																22.0
24.0	62.4	88.8	24 200*	65.0	89.6	29 100*	68.7	90.4	28 800													24.0
26.0	59.4	87.7	22 500*	62.0	88.6	27 000*	65.8	89.6	25 900													26.0
28.0	56.2	86.4	20 600*	58.9	87.4	24 900	62.8	88.6	23 500	66.6	89.4	22 000										28.0
30.0	52.8	85.0	18 900*	55.7	86.1	22 800	59.7	87.5	21 400	63.6	88.4	20 100										30.0
32.0	49.4	83.3	17 400*	52.3	84.6	20 900	56.5	86.2	19 600	60.5	87.4	18 400										32.0
34.0	45.7	81.5	16 100*	48.8	82.9	19 300	53.2	84.8	18 100	57.4	86.1	16 900										34.0
36.0	41.8	79.3	14 800*	45.1	81.0	17 800	49.8	83.1	16 700	54.1	84.7	15 600	60.8	86.5	13 800							36.0
38.0	37.5	76.9	13 700*	41.2	78.9	16 500*	46.1	81.3	15 500	50.7	83.2	14 500	57.6	85.2	12 800							38.0
40.0	32.8	74.0	12 800*	36.8	76.4	15 300*	42.2	79.2	14 400	47.1	81.4	13 500	54.3	83.9	11 900							40.0
42.0	27.3	70.4	12 000*	32.0	73.4	14 200*	38.0	76.8	13 500	43.3	79.4	12 500	50.9	82.3	11 000							42.0
44.0	20.6	65.8	11 500*	26.4	69.7	13 300*	33.4	74.0	12 600	39.2	77.0	11 700	47.4	80.5	10 300	54.4	82.6	8 900				44.0
46.0				19.4	64.9	12 600	28.0	70.5	11 800	34.6	74.3	11 000	43.6	78.5	9 600	51.0	81.0	8 200				46.0
48.0							21.5	66.1	11 000	29.5	71.1	10 200	39.5	76.2	8 900	47.4	79.2	7 700				48.0
50.0							11.8	59.1	10 300	23.4	66.9	9 600	35.0	73.6	8 400	43.6	77.2	7 100	50.9	79.2	6 000	50.0
52.0													29.9	70.3	7 800	39.6	74.9	6 700	47.3	77.5	5 500	52.0
54.0													23.8	66.3	7 300	35.1	72.3	6 200	43.5	75.5	5 100	54.0
56.0													15.7	60.6	6 800	30.0	69.1	5 800	39.4	73.1	4 700	56.0
58.0																24.0	65.1	5 400	34.8	70.5	4 400	58.0
60.0																15.9	59.4	5 000	29.7	67.2	4 100	60.0
62.0																			23.7	63.2	3 800	62.0
64.0																			15.4	57.3	3 500	64.0

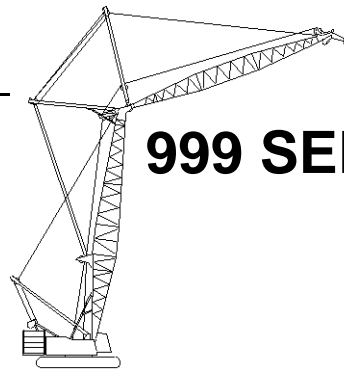


Liftcrane Luffing Jib Capacities

999 SERIES 2

Luffing Jib No. 149 With
Jib Backstay Pendants On
Boom No. 82
83 730 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

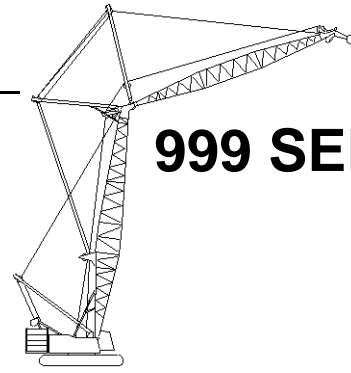
Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib 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	95.1	25 500*																			16.8
18.0	72.5	94.7	25 100*																			18.0
20.0	69.9	94.0	24 400*	72.1	94.5	29 700*																20.0
22.0	67.2	93.2	23 500*	69.5	93.8	29 100*																22.0
24.0	64.4	92.3	22 900*	66.8	92.9	27 900*																24.0
26.0	61.6	91.2	21 800*	64.0	92.0	26 000*	67.5	92.9	25 800													26.0
28.0	58.7	90.1	20 100*	61.2	91.0	24 200*	64.8	92.0	23 400													28.0
30.0	55.7	88.7	18 500*	58.3	89.8	22 400*	61.9	91.0	21 300	65.5	91.8	20 000										30.0
32.0	52.6	87.3	17 100*	55.2	88.4	20 700*	59.0	89.8	19 500	62.7	90.8	18 300										32.0
34.0	49.3	85.6	15 700*	52.1	86.9	19 100*	56.1	88.5	18 000	59.8	89.7	16 900										34.0
36.0	45.9	83.8	14 600*	48.8	85.2	17 600*	53.0	87.1	16 600	56.8	88.5	15 500										36.0
38.0	42.3	81.7	13 500*	45.4	83.4	16 300*	49.7	85.4	15 400	53.8	87.0	14 400	60.0	88.8	12 700							38.0
40.0	38.4	79.3	12 500*	41.7	81.2	15 100*	46.3	83.6	14 400	50.6	85.5	13 400	57.1	87.6	11 800							40.0
42.0	34.1	76.5	11 700*	37.8	78.8	14 000*	42.7	81.5	13 400	47.2	83.7	12 500	54.0	86.2	10 900							42.0
44.0	29.2	73.2	11 000*	33.4	75.9	13 000*	38.9	79.2	12 500	43.7	81.7	11 600	50.8	84.6	10 200							44.0
46.0	23.5	69.1	10 500*	28.4	72.5	12 200*	34.6	76.5	11 700	39.9	79.4	10 900	47.5	82.8	9 500	54.1	84.9	8 100				46.0
48.0	15.9	63.3	10 200*	22.5	68.2	11 600*	29.8	73.2	11 000	35.8	76.8	10 200	43.9	80.9	8 900	50.9	83.3	7 600				48.0
50.0				14.4	62.0	11 000	24.2	69.2	10 300	31.1	73.7	9 600	40.2	78.6	8 300	47.5	81.5	7 100				50.0
52.0							16.9	63.7	9 600	25.8	69.9	9 000	36.1	76.0	7 800	44.0	79.6	6 600	50.7	81.5	5 400	52.0
54.0										19.1	65.0	8 400	31.5	73.0	7 300	40.2	77.3	6 200	47.4	79.8	5 000	54.0
56.0													26.2	69.3	6 800	36.1	74.7	5 700	43.8	77.8	4 700	56.0
58.0													19.6	64.4	6 400	31.6	71.7	5 300	40.1	75.5	4 300	58.0
60.0																26.3	68.0	5 000	35.9	72.9	4 000	60.0
62.0																19.8	63.2	4 600	31.4	69.9	3 700	62.0
64.0																9.5	55.3	4 300	26.1	66.1	3 400	64.0
66.0																			19.4	61.2	3 200	66.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 149 With
Jib Backstay Pendants On
Boom No. 82
83 730 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



999 SERIES 2

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

Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib 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	75.2	98.2	23 700*																			16.8
18.0	73.7	97.9	23 100*																			18.0
20.0	71.2	97.2	22 700*	73.3	97.7	27 300*																20.0
22.0	68.7	96.5	21 900*	70.8	97.0	27 100*																22.0
24.0	66.1	95.6	21 500*	68.3	96.3	26 400*																24.0
26.0	63.5	94.7	20 700*	65.7	95.4	24 900*	69.0	96.2	25 600													26.0
28.0	60.9	93.6	19 500*	63.1	94.4	23 300*	66.4	95.4	23 200													28.0
30.0	58.1	92.4	18 000*	60.5	93.3	21 700*	63.8	94.4	21 100													30.0
32.0	55.3	91.1	16 600*	57.7	92.1	20 200*	61.2	93.3	19 300	64.5	94.2	18 100										32.0
34.0	52.4	89.6	15 400*	54.9	90.7	18 700*	58.5	92.2	17 800	61.9	93.2	16 600										34.0
36.0	49.3	87.9	14 300*	51.9	89.2	17 300*	55.6	90.8	16 400	59.2	92.1	15 300										36.0
38.0	46.1	86.1	13 200*	48.8	87.5	16 000*	52.7	89.4	15 200	56.4	90.8	14 200										38.0
40.0	42.7	84.0	12 300*	45.6	85.7	14 800*	49.7	87.7	14 100	53.5	89.4	13 100	59.4	91.2	11 500							40.0
42.0	39.1	81.7	11 500*	42.2	83.6	13 800*	46.5	85.9	13 200	50.5	87.8	12 200	56.6	89.9	10 700							42.0
44.0	35.2	79.0	10 700*	38.5	81.2	12 900*	43.1	83.9	12 300	47.3	86.0	11 400	53.7	88.5	9 900							44.0
46.0	30.8	75.8	10 100*	34.6	78.4	12 000*	39.6	81.6	11 500	44.0	84.0	10 600	50.7	86.9	9 200	56.6	88.6	7 900				46.0
48.0	25.8	72.0	9 600*	30.1	75.2	11 300*	35.7	78.9	10 800	40.5	81.8	10 000	47.6	85.1	8 600	53.8	87.2	7 300				48.0
50.0	19.5	67.1	9 300*	24.9	71.3	10 600*	31.4	75.8	10 100	36.7	79.2	9 300	44.3	83.2	8 100	50.8	85.6	6 800				50.0
52.0				18.4	66.1	10 200	26.4	72.1	9 500	32.5	76.3	8 700	40.8	81.0	7 500	47.6	83.8	6 300				52.0
54.0							20.4	67.4	8 900	27.8	72.8	8 200	37.0	78.4	7 100	44.3	81.9	5 900	50.6	83.8	4 800	54.0
56.0							11.6	60.2	8 400	22.1	68.4	7 700	32.8	75.5	6 600	40.8	79.7	5 500	47.5	82.1	4 400	56.0
58.0													28.1	72.1	6 200	37.1	77.2	5 100	44.2	80.1	4 100	58.0
60.0													22.5	67.7	5 800	32.9	74.2	4 700	40.7	77.9	3 800	60.0
62.0													15.1	61.7	5 400	28.2	70.8	4 400	36.9	75.3	3 500	62.0
64.0																22.7	66.5	4 100	32.7	72.4	3 200	64.0
66.0																15.3	60.5	3 800	28.0	68.9	2 900	66.0
68.0																			22.4	64.6	2 700	68.0
70.0																			14.8	58.5	2 400	70.0

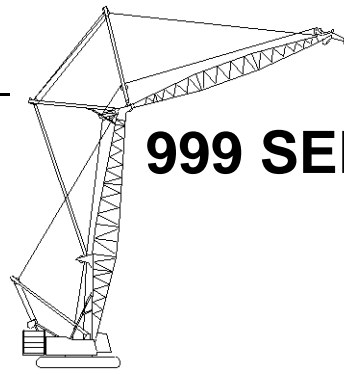


Liftcrane Luffing Jib Capacities

999 SERIES 2

Luffing Jib No. 149 With
Jib Backstay Pendants On
Boom No. 82
83 730 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, 51.8m (170 Ft.) Luffing Jib

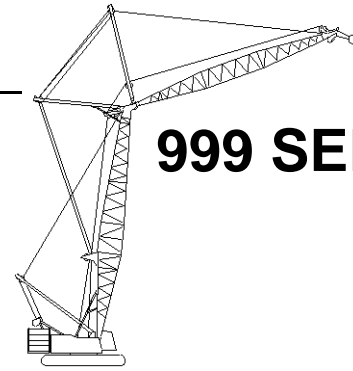
Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
18.3	74.3	101.0	21 500*																18.3
20.0	72.3	100.5	21 100*																20.0
22.0	70.0	99.8	20 300*	72.0	100.2	24 800*													22.0
24.0	67.6	99.0	20 000*	69.6	99.5	24 600*													24.0
26.0	65.2	98.1	19 500*	67.3	98.7	23 800*	70.3	99.5	24 100										26.0
28.0	62.7	97.1	18 900*	64.8	97.8	22 500*	67.9	98.7	23 100										28.0
30.0	60.2	96.0	17 700*	62.4	96.8	21 100*	65.5	97.8	21 000										30.0
32.0	57.6	94.7	16 400*	59.8	95.7	19 700*	63.0	96.8	19 200	66.1	97.6	17 900							32.0
34.0	54.9	93.4	15 200*	57.2	94.4	18 400*	60.5	95.7	17 600	63.7	96.7	16 400							34.0
36.0	52.2	91.9	14 100*	54.5	93.1	17 100*	57.9	94.5	16 300	61.2	95.6	15 100							36.0
38.0	49.3	90.2	13 100*	51.7	91.5	15 900*	55.3	93.2	15 100	58.6	94.4	14 000							38.0
40.0	46.3	88.4	12 200*	48.9	89.8	14 800*	52.5	91.7	14 000	56.0	93.1	13 000	61.3	94.7	11 300				40.0
42.0	43.1	86.3	11 400*	45.8	88.0	13 800*	49.6	90.0	13 000	53.2	91.7	12 100	58.8	93.5	10 500				42.0
44.0	39.8	84.0	10 700*	42.6	85.9	12 800*	46.7	88.2	12 100	50.4	90.1	11 200	56.1	92.2	9 700				44.0
46.0	36.1	81.4	10 000*	39.2	83.5	12 000*	43.5	86.2	11 400	47.4	88.3	10 500	53.4	90.8	9 100				46.0
48.0	32.1	78.4	9 400*	35.5	80.9	11 200*	40.2	83.9	10 600	44.3	86.3	9 800	50.6	89.2	8 400	56.2	90.9	7 100	48.0
50.0	27.6	74.9	8 900*	31.5	77.8	10 500*	36.6	81.4	10 000	41.1	84.1	9 200	47.7	87.4	7 900	53.5	89.5	6 600	50.0
52.0	22.3	70.5	8 600*	26.9	74.2	10 000*	32.6	78.4	9 400	37.5	81.6	8 600	44.6	85.5	7 300	50.7	87.9	6 100	52.0
54.0	15.3	64.5	8 400*	21.4	69.6	9 500	28.2	74.9	8 800	33.7	78.8	8 100	41.3	83.3	6 900	47.7	86.1	5 700	54.0
56.0				13.9	63.2	8 900	23.0	70.7	8 300	29.4	75.5	7 600	37.8	80.9	6 400	44.6	84.2	5 300	56.0
58.0							16.3	64.9	7 800	24.5	71.5	7 100	34.0	78.0	6 000	41.4	82.0	4 900	58.0
60.0										18.3	66.2	6 700	29.7	74.8	5 600	37.9	79.6	4 600	60.0
62.0													24.8	70.8	5 300	34.1	76.8	4 200	62.0
64.0													18.8	65.7	4 900	29.8	73.5	3 900	64.0
66.0																24.9	69.6	3 600	66.0
68.0																18.9	64.5	3 400	68.0
70.0																9.6	56.4	3 100	70.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 149 With
Jib Backstay Pendants On
Boom No. 82
83 730 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



999 SERIES 2

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

Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
18.3	75.2	104.1	19 900*																18.3
20.0	73.4	103.7	19 600*																20.0
22.0	71.2	103.0	19 100*	73.0	103.4	22 700*													22.0
24.0	68.9	102.3	18 700*	70.8	102.8	22 600*													24.0
26.0	66.7	101.4	18 300*	68.6	102.0	22 300*													26.0
28.0	64.4	100.5	17 800*	66.3	101.2	21 400*	69.2	102.0	21 900										28.0
30.0	62.0	99.5	17 100*	64.0	100.2	20 200*	66.9	101.1	20 900										30.0
32.0	59.6	98.3	15 900*	61.7	99.2	19 000*	64.6	100.2	19 000	67.5	100.9	17 600							32.0
34.0	57.2	97.1	14 800*	59.2	98.0	17 900*	62.3	99.2	17 400	65.2	100.0	16 200							34.0
36.0	54.6	95.7	13 800*	56.8	96.8	16 700*	59.9	98.1	16 100	62.9	99.1	14 900							36.0
38.0	52.0	94.2	12 800*	54.2	95.4	15 600*	57.4	96.8	14 800	60.5	98.0	13 700							38.0
40.0	49.3	92.5	12 000*	51.6	93.8	14 500*	54.9	95.5	13 800	58.1	96.8	12 700							40.0
42.0	46.4	90.7	11 200*	48.9	92.1	13 600*	52.3	94.0	12 800	55.6	95.4	11 800	60.7	97.1	10 200				42.0
44.0	43.5	88.7	10 500*	46.0	90.3	12 600*	49.6	92.3	12 000	53.0	94.0	11 000	58.3	95.9	9 500				44.0
46.0	40.3	86.4	9 800*	43.0	88.2	11 800*	46.8	90.5	11 100	50.3	92.4	10 300	55.8	94.6	8 800				46.0
48.0	36.9	83.9	9 200*	39.8	85.9	11 100*	43.8	88.5	10 400	47.5	90.6	9 600	53.2	93.1	8 200				48.0
50.0	33.3	81.0	8 700*	36.4	83.3	10 400*	40.7	86.3	9 700	44.6	88.6	9 000	50.5	91.5	7 600	55.8	93.2	6 300	50.0
52.0	29.2	77.6	8 300*	32.7	80.4	9 800*	37.4	83.8	9 200	41.5	86.5	8 400	47.7	89.7	7 100	53.2	91.8	5 900	52.0
54.0	24.5	73.6	7 900*	28.5	76.9	9 300*	33.7	80.9	8 600	38.2	84.0	7 900	44.8	87.8	6 600	50.6	90.2	5 400	54.0
56.0	18.7	68.4	7 700*	23.7	72.8	8 800	29.7	77.6	8 100	34.7	81.3	7 400	41.8	85.7	6 200	47.8	88.4	5 000	56.0
58.0				17.7	67.4	8 300	25.1	73.7	7 600	30.8	78.1	6 900	38.5	83.2	5 800	44.9	86.5	4 700	58.0
60.0							19.5	68.7	7 100	26.4	74.4	6 400	35.0	80.5	5 400	41.8	84.4	4 300	60.0
62.0							11.4	61.3	6 700	21.1	69.8	6 100	31.1	77.4	5 000	38.6	82.0	4 000	62.0
64.0										14.0	63.3	5 700	26.7	73.7	4 700	35.0	79.2	3 700	64.0
66.0													21.5	69.2	4 400	31.2	76.1	3 400	66.0
68.0													14.6	62.9	4 100	26.8	72.5	3 100	68.0
70.0																21.6	67.9	2 900	70.0
72.0																14.8	61.7	2 600	72.0

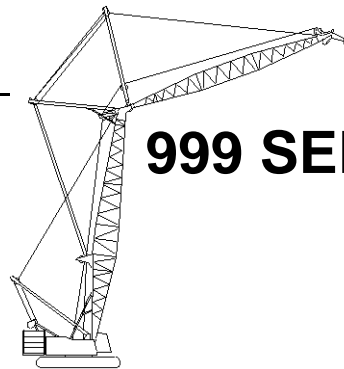


Liftcrane Luffing Jib Capacities

999 SERIES 2

Luffing Jib No. 149 With
Jib Backstay Pendants On
Boom No. 82
83 730 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, 57.9m (190 Ft.) Luffing Jib

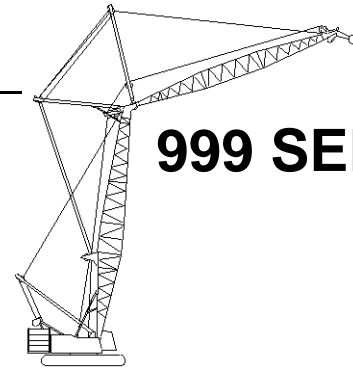
Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
18.3	76.0	107.3	18 400*													18.3
20.0	74.3	106.8	18 200*													20.0
22.0	72.2	106.2	17 800*													22.0
24.0	70.1	105.5	17 400*	71.9	106.0	20 700*										24.0
26.0	68.0	104.7	17 000*	69.8	105.3	20 600*										26.0
28.0	65.8	103.9	16 600*	67.6	104.5	20 300*	70.3	105.2	20 000*							28.0
30.0	63.6	102.9	16 100*	65.5	103.6	19 400*	68.2	104.4	20 000*							30.0
32.0	61.4	101.8	15 400*	63.3	102.6	18 300*	66.1	103.6	18 900							32.0
34.0	59.1	100.7	14 400*	61.0	101.6	17 300*	63.9	102.6	17 300	66.6	103.4	16 100				34.0
36.0	56.7	99.4	13 500*	58.7	100.4	16 300*	61.6	101.6	15 900	64.5	102.5	14 800				36.0
38.0	54.3	98.0	12 600*	56.4	99.1	15 200*	59.4	100.4	14 700	62.2	101.5	13 700				38.0
40.0	51.8	96.5	11 800*	54.0	97.7	14 300*	57.0	99.2	13 700	60.0	100.3	12 600				40.0
42.0	49.3	94.8	11 000*	51.5	96.1	13 400*	54.6	97.8	12 700	57.6	99.1	11 700				42.0
44.0	46.6	93.0	10 300*	48.9	94.4	12 500*	52.1	96.3	11 800	55.3	97.8	10 900	60.1	99.4	9 400	44.0
46.0	43.8	91.0	9 700*	46.2	92.6	11 700*	49.6	94.6	11 100	52.8	96.3	10 200	57.8	98.2	8 700	46.0
48.0	40.8	88.8	9 100*	43.3	90.5	10 900*	46.9	92.8	10 300	50.3	94.7	9 500	55.4	96.9	8 100	48.0
50.0	37.7	86.3	8 600*	40.3	88.3	10 300*	44.1	90.8	9 700	47.6	92.9	8 900	53.0	95.4	7 500	50.0
52.0	34.3	83.5	8 100*	37.2	85.8	9 700*	41.2	88.6	9 100	44.9	91.0	8 300	50.4	93.8	7 000	52.0
54.0	30.5	80.3	7 700*	33.7	82.9	9 200*	38.0	86.2	8 500	42.0	88.8	7 800	47.8	92.1	6 600	54.0
56.0	26.3	76.5	7 300*	29.9	79.6	8 600*	34.7	83.4	8 000	38.9	86.4	7 300	45.1	90.1	6 100	56.0
58.0	21.3	71.9	7 100*	25.6	75.8	8 200	31.0	80.3	7 500	35.6	83.8	6 800	42.2	88.0	5 700	58.0
60.0	14.8	65.6	6 900*	20.5	71.0	7 700	26.8	76.6	7 000	32.0	80.7	6 400	39.1	85.6	5 300	60.0
62.0				13.6	64.3	7 200	22.0	72.1	6 600	28.0	77.2	6 000	35.8	83.0	4 900	62.0
64.0							15.7	66.1	6 200	23.3	73.0	5 600	32.2	80.0	4 600	64.0
66.0										17.6	67.5	5 300	28.3	76.5	4 300	66.0
68.0													23.7	72.3	4 000	68.0
70.0													18.0	67.0	3 700	70.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 149 With
Jib Backstay Pendants On
Boom No. 82
83 730 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



999 SERIES 2

48.8m (160 Ft.) Boom, 61.0m (200 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
19.8	75.3	110.1	16 700*													19.8
20.0	75.1	110.0	16 700*													20.0
22.0	73.1	109.4	16 500*													22.0
24.0	71.1	108.8	16 200*	72.8	109.2	19 000*										24.0
26.0	69.1	108.0	15 800*	70.8	108.5	18 900*										26.0
28.0	67.1	107.2	15 500*	68.8	107.8	18 700*										28.0
30.0	65.0	106.3	15 200*	66.8	107.0	18 400*	69.4	107.7	18 200*							30.0
32.0	62.9	105.3	14 900*	64.7	106.0	17 500*	67.3	106.9	18 200*							32.0
34.0	60.8	104.2	13 900*	62.6	105.0	16 600*	65.3	106.0	17 100							34.0
36.0	58.6	103.0	13 100*	60.5	103.9	15 700*	63.2	105.0	15 700	65.8	105.8	14 600				36.0
38.0	56.4	101.7	12 200*	58.3	102.7	14 800*	61.0	104.0	14 500	63.7	104.9	13 400				38.0
40.0	54.1	100.3	11 500*	56.0	101.4	13 900*	58.9	102.8	13 500	61.6	103.8	12 400				40.0
42.0	51.7	98.8	10 800*	53.7	100.0	13 100*	56.6	101.5	12 500	59.4	102.7	11 500				42.0
44.0	49.3	97.1	10 100*	51.3	98.4	12 300*	54.3	100.1	11 600	57.2	101.4	10 700				44.0
46.0	46.7	95.3	9 400*	48.9	96.7	11 500*	52.0	98.6	10 900	54.9	100.1	10 000	59.6	101.8	8 500	46.0
48.0	44.0	93.3	8 900*	46.3	94.9	10 800*	49.5	96.9	10 100	52.6	98.6	9 300	57.4	100.5	7 800	48.0
50.0	41.3	91.1	8 400*	43.6	92.9	10 100*	47.0	95.1	9 500	50.2	97.0	8 700	55.1	99.2	7 300	50.0
52.0	38.3	88.7	7 900*	40.8	90.6	9 600*	44.4	93.2	8 900	47.7	95.2	8 100	52.8	97.7	6 800	52.0
54.0	35.1	85.9	7 500*	37.8	88.2	9 000*	41.6	91.0	8 300	45.1	93.3	7 500	50.4	96.1	6 300	54.0
56.0	31.7	82.9	7 100*	34.6	85.4	8 500*	38.7	88.6	7 800	42.3	91.2	7 100	47.9	94.4	5 900	56.0
58.0	27.8	79.3	6 800*	31.1	82.3	8 000	35.5	85.9	7 300	39.4	88.8	6 600	45.3	92.4	5 500	58.0
60.0	23.4	75.1	6 600*	27.2	78.6	7 500	32.1	82.9	6 900	36.3	86.2	6 200	42.5	90.3	5 100	60.0
62.0	18.0	69.7	6 400*	22.7	74.2	7 100	28.3	79.4	6 400	33.0	83.3	5 800	39.6	88.0	4 700	62.0
64.0	10.1	61.5	5 800*	17.1	68.6	6 700	24.0	75.2	6 000	29.3	79.9	5 400	36.6	85.4	4 400	64.0
66.0							18.7	70.0	5 700	25.2	76.0	5 100	33.3	82.5	4 000	66.0
68.0							11.3	62.4	5 300	20.2	71.1	4 700	29.6	79.2	3 800	68.0
70.0										13.6	64.4	4 400	25.5	75.3	3 500	70.0
72.0													20.6	70.5	3 200	72.0
74.0													14.2	64.0	3 000	74.0

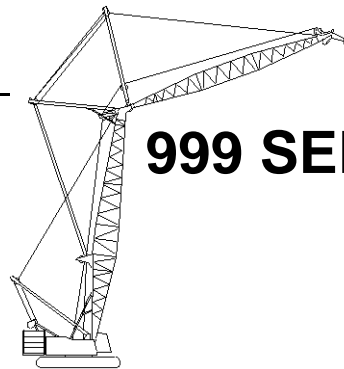


Liftcrane Luffing Jib Capacities

999 SERIES 2

Luffing Jib No. 149 With
Jib Backstay Pendants On
Boom No. 82
83 730 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, 64.0m (210 Ft.) Luffing Jib

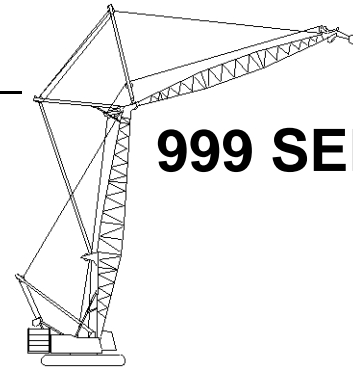
Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
19.8	76.0	113.2	15 400*													19.8
20.0	75.8	113.2	15 400*													20.0
22.0	73.9	112.6	15 200*													22.0
24.0	72.1	112.0	15 000*													24.0
26.0	70.2	111.3	14 700*	71.8	111.8	17 300*										26.0
28.0	68.2	110.5	14 400*	69.9	111.1	17 100*										28.0
30.0	66.3	109.7	14 200*	68.0	110.3	17 000*										30.0
32.0	64.3	108.7	13 900*	66.0	109.4	16 700*	68.5	110.2	16 600*							32.0
34.0	62.3	107.7	13 400*	64.0	108.5	15 900*	66.5	109.4	16 400							34.0
36.0	60.3	106.6	12 700*	62.0	107.4	15 100*	64.6	108.4	15 600	67.0	109.2	14 400				36.0
38.0	58.2	105.4	11 900*	60.0	106.3	14 300*	62.6	107.4	14 400	65.1	108.3	13 200				38.0
40.0	56.0	104.1	11 200*	57.9	105.1	13 500*	60.5	106.3	13 300	63.1	107.3	12 200				40.0
42.0	53.8	102.6	10 600*	55.7	103.7	12 800*	58.4	105.1	12 300	61.0	106.2	11 300				42.0
44.0	51.6	101.1	9 900*	53.5	102.3	12 000*	56.3	103.8	11 500	59.0	105.0	10 500				44.0
46.0	49.2	99.4	9 300*	51.2	100.7	11 300*	54.1	102.4	10 700	56.8	103.8	9 800	61.2	105.3	8 300	46.0
48.0	46.8	97.6	8 800*	48.9	99.0	10 600*	51.8	100.9	10 000	54.7	102.4	9 100	59.1	104.1	7 700	48.0
50.0	44.3	95.6	8 200*	46.4	97.2	10 000*	49.5	99.2	9 300	52.4	100.9	8 500	57.0	102.9	7 100	50.0
52.0	41.7	93.4	7 800*	43.9	95.2	9 400*	47.1	97.4	8 700	50.1	99.3	7 900	54.8	101.5	6 600	52.0
54.0	38.9	91.1	7 400*	41.2	93.0	8 900*	44.6	95.5	8 200	47.7	97.5	7 400	52.6	100.0	6 100	54.0
56.0	35.9	88.4	7 000*	38.4	90.6	8 400	42.0	93.3	7 600	45.3	95.6	6 900	50.3	98.4	5 700	56.0
58.0	32.7	85.4	6 600*	35.4	87.9	7 900	39.2	91.0	7 100	42.7	93.5	6 500	47.9	96.7	5 300	58.0
60.0	29.2	82.0	6 400*	32.2	84.8	7 400	36.2	88.3	6 700	39.9	91.2	6 000	45.4	94.7	4 900	60.0
62.0	25.2	78.1	6 100*	28.6	81.4	6 900	33.1	85.4	6 300	37.0	88.6	5 600	42.9	92.7	4 500	62.0
64.0	20.5	73.3	5 900*	24.5	77.3	6 500	29.6	82.1	5 900	33.9	85.8	5 300	40.1	90.4	4 200	64.0
66.0	14.4	66.8	5 700*	19.7	72.3	6 100	25.7	78.2	5 500	30.5	82.6	4 900	37.2	87.8	3 900	66.0
68.0				13.3	65.4	5 600	21.1	73.5	5 200	26.8	78.9	4 600	34.2	85.0	3 600	68.0
70.0							15.3	67.3	4 800	22.4	74.4	4 300	30.8	81.8	3 300	70.0
72.0										17.0	68.7	4 000	27.0	78.2	3 100	72.0
74.0													22.7	73.8	2 800	74.0
76.0													17.4	68.2	2 600	76.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 149 With
Jib Backstay Pendants On
Boom No. 82
83 730 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



999 SERIES 2

48.8m (160 Ft.) Boom, 67.1m (220 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 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	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
21.3	75.3	116.0	14 100*										21.3
22.0	74.7	115.8	14 000*										22.0
24.0	72.9	115.2	13 900*										24.0
26.0	71.1	114.5	13 600*	72.6	115.0	15 800*							26.0
28.0	69.3	113.8	13 400*	70.8	114.3	15 700*							28.0
30.0	67.4	113.0	13 200*	69.0	113.6	15 500*							30.0
32.0	65.6	112.1	12 900*	67.2	112.7	15 400*	69.5	113.5	15 100*				32.0
34.0	63.7	111.1	12 600*	65.3	111.8	15 200*	67.7	112.7	15 000*				34.0
36.0	61.7	110.1	12 200*	63.4	110.9	14 400*	65.8	111.8	14 900*				36.0
38.0	59.8	108.9	11 500*	61.5	109.8	13 800*	63.9	110.9	14 200	66.3	111.6	13 000	38.0
40.0	57.8	107.7	10 900*	59.5	108.7	13 100*	62.0	109.8	13 100	64.4	110.7	12 000	40.0
42.0	55.7	106.4	10 300*	57.5	107.4	12 400*	60.0	108.7	12 100	62.5	109.7	11 100	42.0
44.0	53.6	105.0	9 700*	55.4	106.1	11 700*	58.0	107.5	11 300	60.5	108.6	10 300	44.0
46.0	51.5	103.4	9 100*	53.3	104.6	11 100*	56.0	106.2	10 500	58.5	107.4	9 600	46.0
48.0	49.2	101.7	8 600*	51.1	103.0	10 400*	53.9	104.7	9 800	56.5	106.1	8 900	48.0
50.0	46.9	99.9	8 100*	48.9	101.3	9 800*	51.7	103.2	9 100	54.4	104.7	8 200	50.0
52.0	44.5	97.9	7 600*	46.6	99.5	9 300*	49.5	101.5	8 500	52.3	103.2	7 700	52.0
54.0	42.0	95.8	7 200*	44.1	97.5	8 700	47.2	99.7	7 900	50.1	101.6	7 200	54.0
56.0	39.4	93.4	6 800*	41.6	95.3	8 200	44.8	97.8	7 400	47.8	99.8	6 700	56.0
58.0	36.6	90.8	6 500*	39.0	92.9	7 700	42.3	95.7	7 000	45.4	97.9	6 200	58.0
60.0	33.6	88.0	6 200*	36.1	90.3	7 200	39.7	93.3	6 500	43.0	95.8	5 800	60.0
62.0	30.3	84.7	5 900*	33.1	87.4	6 800	36.9	90.8	6 100	40.4	93.5	5 400	62.0
64.0	26.7	81.0	5 700*	29.8	84.1	6 300	33.9	87.9	5 700	37.7	91.0	5 000	64.0
66.0	22.5	76.5	5 500*	26.1	80.2	5 900	30.7	84.7	5 300	34.7	88.3	4 700	66.0
68.0	17.4	70.9	5 200*	21.8	75.7	5 600	27.1	81.0	5 000	31.6	85.2	4 400	68.0
70.0	10.1	62.6	4 200*	16.6	69.8	5 200	23.1	76.7	4 600	28.1	81.6	4 100	70.0
72.0							18.1	71.3	4 300	24.2	77.5	3 800	72.0
74.0							11.2	63.5	4 000	19.5	72.4	3 500	74.0
76.0										13.4	65.5	3 200	76.0

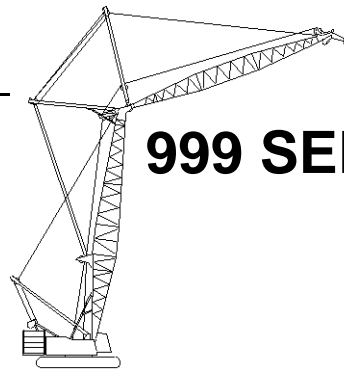


Liftcrane Luffing Jib Capacities

999 SERIES 2

Luffing Jib No. 149 With
Jib Backstay Pendants On
Boom No. 82
83 730 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, 70.1m (230 Ft.) Luffing Jib

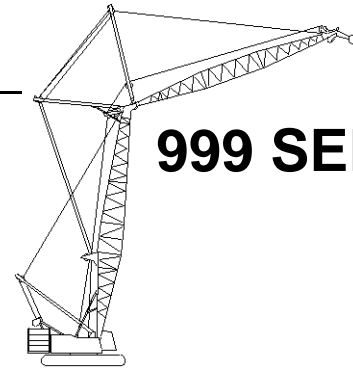
Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
21.3	75.9	119.1	13 100*										21.3
22.0	75.4	118.9	13 000*										22.0
24.0	73.7	118.4	12 900*										24.0
26.0	72.0	117.7	12 600*	73.4	118.2	14 900*							26.0
28.0	70.2	117.0	12 400*	71.7	117.5	14 700*							28.0
30.0	68.5	116.3	12 200*	70.0	116.8	14 600*							30.0
32.0	66.7	115.4	11 900*	68.2	116.0	14 400*	70.4	116.7	14 400*				32.0
34.0	64.9	114.5	11 700*	66.4	115.2	13 800*	68.7	116.0	14 400*				34.0
36.0	63.1	113.5	11 200*	64.6	114.3	13 200*	66.9	115.1	14 300*				36.0
38.0	61.2	112.5	10 600*	62.8	113.3	12 500*	65.1	114.2	14 000				38.0
40.0	59.3	111.3	10 000*	60.9	112.2	11 900*	63.3	113.3	13 000	65.6	114.1	11 800	40.0
42.0	57.4	110.1	9 400*	59.1	111.0	11 300*	61.4	112.2	12 000	63.8	113.1	11 000	42.0
44.0	55.4	108.7	8 900*	57.1	109.7	10 700*	59.6	111.0	11 100	61.9	112.1	10 100	44.0
46.0	53.4	107.3	8 400*	55.1	108.4	10 200*	57.6	109.8	10 300	60.1	110.9	9 400	46.0
48.0	51.4	105.7	7 900*	53.1	106.9	9 600*	55.7	108.5	9 600	58.1	109.7	8 700	48.0
50.0	49.2	104.0	7 500*	51.0	105.3	9 100*	53.7	107.0	9 000	56.2	108.4	8 100	50.0
52.0	47.0	102.2	7 000*	48.9	103.6	8 600*	51.6	105.5	8 400	54.2	107.0	7 600	52.0
54.0	44.7	100.2	6 700*	46.7	101.8	8 100*	49.5	103.8	7 800	52.1	105.5	7 000	54.0
56.0	42.3	98.1	6 300*	44.4	99.8	7 600*	47.3	102.0	7 300	50.0	103.9	6 500	56.0
58.0	39.8	95.8	6 000*	42.0	97.7	7 200*	45.0	100.1	6 800	47.9	102.1	6 100	58.0
60.0	37.2	93.3	5 700*	39.4	95.3	6 900*	42.6	98.0	6 400	45.6	100.2	5 700	60.0
62.0	34.4	90.4	5 500*	36.8	92.7	6 500*	40.1	95.7	5 900	43.2	98.1	5 300	62.0
64.0	31.3	87.3	5 200*	33.9	89.9	6 200*	37.5	93.2	5 600	40.8	95.9	4 900	64.0
66.0	28.0	83.8	5 000*	30.8	86.7	5 800	34.7	90.4	5 200	38.2	93.4	4 600	66.0
68.0	24.2	79.6	4 900*	27.5	83.1	5 400	31.7	87.3	4 900	35.5	90.7	4 200	68.0
70.0	19.8	74.6	4 600*	23.6	78.8	5 100	28.4	83.8	4 500	32.5	87.7	4 000	70.0
72.0	14.1	67.9	4 100*	19.1	73.6	4 800	24.7	79.7	4 200	29.3	84.4	3 700	72.0
74.0				13.0	66.5	4 100*	20.4	74.9	3 900	25.7	80.5	3 400	74.0
76.0							14.9	68.4	3 700	21.6	75.8	3 100	76.0
78.0										16.5	69.9	2 900	78.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 149 With
Jib Backstay Pendants On
Boom No. 82
83 730 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



999 SERIES 2

48.8m (160 Ft.) Boom, 73.2m (240 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			Jib Oper. Rad. m
	Jib Point	Luffing Jib	Capacity Kilograms	Jib Point	Luffing Jib	Capacity Kilograms	Jib Point	Luffing Jib	Capacity Kilograms	
	Ang. Deg.	Elev. m		Ang. Deg.	Elev. m		Ang. Deg.	Elev. m		
22.9	75.3	121.9	11 900*							22.9
24.0	74.4	121.5	11 900*							24.0
26.0	72.7	120.9	11 700*							26.0
28.0	71.1	120.3	11 500*	72.5	120.7	13 500*				28.0
30.0	69.4	119.5	11 300*	70.8	120.1	13 400*				30.0
32.0	67.7	118.7	11 100*	69.2	119.3	13 200*				32.0
34.0	66.0	117.9	10 900*	67.5	118.5	13 100*	69.6	119.2	13 000*	34.0
36.0	64.3	116.9	10 700*	65.8	117.6	12 500*	67.9	118.4	13 000*	36.0
38.0	62.5	115.9	10 100*	64.0	116.7	12 000*	66.2	117.6	12 900*	38.0
40.0	60.7	114.8	9 600*	62.3	115.7	11 400*	64.5	116.7	12 700	40.0
42.0	58.9	113.7	9 100*	60.5	114.5	10 900*	62.7	115.7	11 800	42.0
44.0	57.1	112.4	8 600*	58.7	113.4	10 300*	61.0	114.6	10 900	44.0
46.0	55.2	111.0	8 100*	56.8	112.1	9 800*	59.1	113.4	10 100	46.0
48.0	53.2	109.6	7 700*	54.9	110.7	9 300*	57.3	112.2	9 400	48.0
50.0	51.3	108.0	7 300*	52.9	109.2	8 800*	55.4	110.8	8 800	50.0
52.0	49.2	106.3	6 900*	51.0	107.6	8 300*	53.5	109.4	8 200	52.0
54.0	47.1	104.5	6 500*	48.9	105.9	7 900*	51.5	107.8	7 600	54.0
56.0	44.9	102.6	6 100*	46.8	104.1	7 500*	49.5	106.1	7 100	56.0
58.0	42.6	100.5	5 800*	44.6	102.1	7 100*	47.3	104.3	6 600	58.0
60.0	40.2	98.2	5 500*	42.3	100.0	6 700*	45.2	102.4	6 200	60.0
62.0	37.7	95.7	5 300*	39.9	97.7	6 400*	42.9	100.3	5 800	62.0
64.0	35.1	92.9	5 000*	37.4	95.2	6 000	40.5	98.0	5 400	64.0
66.0	32.2	89.9	4 800*	34.7	92.4	5 700	38.0	95.6	5 000	66.0
68.0	29.1	86.5	4 600*	31.8	89.3	5 300	35.4	92.9	4 700	68.0
70.0	25.7	82.6	4 400*	28.6	85.8	5 000	32.6	89.9	4 400	70.0
72.0	21.8	77.9	4 100*	25.1	81.8	4 600	29.5	86.5	4 000	72.0
74.0	17.0	72.2	3 700*	21.1	77.1	4 300	26.1	82.7	3 700	74.0
76.0	10.1	63.6	2 800*	16.1	71.0	3 800	22.3	78.1	3 500	76.0
78.0							17.6	72.5	3 200	78.0
80.0							11.1	64.5	2 900	80.0

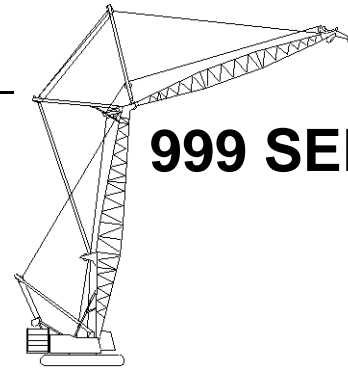


Liftcrane Luffing Jib Capacities

999 SERIES 2

Luffing Jib No. 149 With
Jib Backstay Pendants On
Boom No. 82
83 730 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, 21.3m (70 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m		
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib 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	64.0	73.3	44 300*b																			13.7		
14.0	63.2	73.1	44 000*b																			14.0		
16.0	56.9	71.9	42 100*b	62.6	72.9	49 100*b																16.0		
18.0	50.1	70.4	39 600*	56.3	71.7	45 100b																18.0		
20.0	42.6	68.4	35 400*	49.4	70.1	39 700	58.5	71.8	37 600b													20.0		
22.0	33.6	65.7	32 100*	41.8	68.0	35 100	51.9	70.4	33 300b	60.6	71.8	31 500b										22.0		
24.0	21.6	61.7	29 900*	32.6	65.3	31 400	44.6	68.5	29 800	54.2	70.5	28 100										24.0		
26.0							36.1	66.1	26 900	47.1	68.8	25 400	61.9	71.0	22 900b							26.0		
28.0							25.2	62.5	24 400	39.1	66.5	23 000	55.5	69.7	20 800b							28.0		
30.0										29.3	63.5	21 100	48.6	68.1	19 000							30.0		
32.0												13.9	58.2	19 300	40.8	66.0	17 500	56.5	68.5	15 600b		32.0		
34.0															31.5	63.2	16 100	49.7	67.0	14 300		34.0		
36.0															18.1	58.6	14 800	42.0	64.9	13 200		36.0		
38.0																		33.0	62.2	12 200		38.0		
40.0																		20.6	58.1	11 300	42.7	63.3	10 000	40.0
42.0																					33.8	60.7	9 200	42.0
44.0																					21.8	56.7	8 600	44.0

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

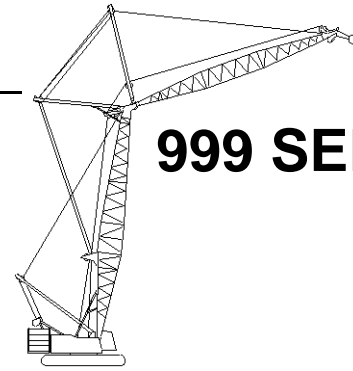
Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib 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	67.5	76.6	41 000*b																			13.7
14.0	66.8	76.5	40 800*b																			14.0
16.0	61.5	75.5	39 000*b	66.3	76.3	47 400*b																16.0
18.0	55.9	74.2	37 500*	61.0	75.3	44 000*b																18.0
20.0	50.0	72.7	34 000*	55.4	74.0	39 600	62.8	75.3	37 400b													20.0
22.0	43.4	70.7	30 500*	49.4	72.4	35 000	57.4	74.2	33 100	64.6	75.3	31 300b										22.0
24.0	35.9	68.2	27 700*	42.7	70.4	31 300	51.5	72.7	29 600	59.3	74.2	27 900										24.0
26.0	26.6	64.8	25 500*	35.1	67.8	28 200	45.1	70.8	26 700	53.6	72.8	25 200										26.0
28.0				25.5	64.3	25 700	37.9	68.5	24 200	47.4	71.1	22 900	60.4	73.4	20 500b							28.0
30.0							29.2	65.4	22 100	40.5	68.9	20 900	54.7	72.0	18 700							30.0
32.0							16.6	60.4	20 300	32.4	66.1	19 200	48.7	70.4	17 200							32.0
34.0										21.7	62.0	17 700	41.9	68.4	15 800	55.6	70.8	14 000				34.0
36.0													34.1	65.7	14 600	49.6	69.3	12 900				36.0
38.0													24.2	62.0	13 600	43.0	67.3	12 000				38.0
40.0																35.4	64.7	11 100	50.1	67.6	9 700	40.0
42.0																25.9	61.2	10 300	43.5	65.7	9 000	42.0
44.0																9.6	54.6	9 600	36.0	63.2	8 400	44.0
46.0																			26.7	59.8	7 800	46.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 149 With
Jib Backstay Pendants On
Boom No. 82
83 730 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



999 SERIES 2

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

Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib 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	70.1	79.9	38 200*b																			13.7
14.0	69.5	79.8	38 000*b																			14.0
16.0	64.9	78.9	36 200*b	69.0	79.6	45 200*b																16.0
18.0	60.2	77.8	34 700*	64.5	78.7	42 800*b																18.0
20.0	55.2	76.5	32 900*	59.7	77.6	39 400	66.1	78.7	37 300b													20.0
22.0	49.9	75.0	29 500*	54.7	76.3	34 900	61.4	77.7	33 000													22.0
24.0	44.1	73.0	26 600*	49.3	74.7	31 200	56.5	76.5	29 500	63.0	77.7	27 800										24.0
26.0	37.6	70.7	24 200*	43.5	72.7	28 100	51.2	75.0	26 600	58.2	76.5	25 000										26.0
28.0	29.9	67.6	22 300*	36.9	70.3	25 600	45.6	73.1	24 200	53.1	75.1	22 700										28.0
30.0	19.6	63.1	21 100*	29.0	67.1	23 400	39.3	70.9	22 100	47.6	73.4	20 800	59.2	75.7	18 600							30.0
32.0				18.2	62.3	21 500	32.0	68.0	20 300	41.5	71.3	19 000	54.1	74.3	17 100							32.0
34.0							22.6	64.0	18 700	34.6	68.6	17 600	48.7	72.7	15 700							34.0
36.0										26.1	65.1	16 200	42.8	70.7	14 500	54.9	73.1	12 800				36.0
38.0										13.1	59.2	15 000	36.1	68.2	13 400	49.5	71.6	11 800				38.0
40.0													28.0	64.9	12 500	43.7	69.6	11 000				40.0
42.0													16.6	59.8	11 600	37.1	67.2	10 200	49.9	69.9	8 800	42.0
44.0																29.3	64.0	9 500	44.2	68.0	8 200	44.0
46.0																18.7	59.4	8 800	37.7	65.6	7 600	46.0
48.0																			30.0	62.5	7 100	48.0
50.0																			19.7	58.0	6 600	50.0

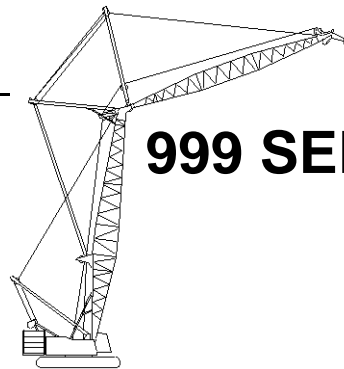


Liftcrane Luffing Jib Capacities

999 SERIES 2

Luffing Jib No. 149 With
Jib Backstay Pendants On
Boom No. 82
83 730 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

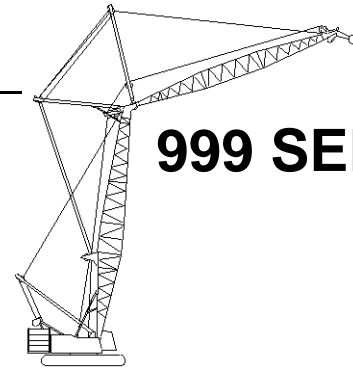
Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib 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	72.2	83.1	36 000*b																			13.7
14.0	71.6	83.0	35 700*b																			14.0
16.0	67.6	82.3	34 100*b	71.2	82.9	42 000*b																16.0
18.0	63.4	81.3	32 400*	67.2	82.1	40 500*																18.0
20.0	59.1	80.2	31 000*	63.0	81.1	37 800*	68.6	82.1	37 000b													20.0
22.0	54.6	78.9	28 600*	58.7	80.0	34 400*	64.5	81.2	32 700													22.0
24.0	49.8	77.3	25 800*	54.1	78.6	31 100	60.2	80.1	29 300													24.0
26.0	44.6	75.4	23 400*	49.3	77.0	28 000	55.7	78.8	26 400	61.7	80.0	24 800										26.0
28.0	38.9	73.1	21 400*	44.1	75.0	25 400	51.0	77.3	23 900	57.3	78.8	22 500										28.0
30.0	32.3	70.2	19 700*	38.3	72.7	23 200	45.9	75.5	21 900	52.7	77.4	20 500										30.0
32.0	24.1	66.3	18 400*	31.6	69.7	21 300	40.4	73.3	20 100	47.7	75.7	18 800	58.2	78.1	16 700							32.0
34.0				23.2	65.8	19 700	34.0	70.6	18 500	42.3	73.6	17 400	53.6	76.7	15 400							34.0
36.0							26.4	67.0	17 100	36.3	71.1	16 000	48.7	75.0	14 200							36.0
38.0							15.5	61.6	15 900	29.2	67.9	14 900	43.4	73.0	13 200	54.3	75.5	11 500				38.0
40.0										19.8	63.4	13 800	37.6	70.6	12 300	49.5	73.8	10 700				40.0
42.0													30.7	67.6	11 400	44.2	71.9	9 900				42.0
44.0													22.0	63.4	10 600	38.5	69.6	9 300				44.0
46.0																31.8	66.7	8 600	44.7	70.3	7 300	46.0
48.0																23.5	62.7	8 000	38.9	68.0	6 800	48.0
50.0																9.7	55.7	7 400	32.4	65.1	6 300	50.0
52.0																			24.2	61.3	5 900	52.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 149 With
Jib Backstay Pendants On
Boom No. 82
83 730 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



999 SERIES 2

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

Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m	
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib 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	73.9	86.3	33 400*b																			13.7	
14.0	73.4	86.3	33 200*b																				14.0
16.0	69.7	85.6	31 800*b																				16.0
18.0	66.0	84.7	30 200*	69.4	85.4	37 800*																	18.0
20.0	62.2	83.7	29 100*	65.7	84.5	36 300*	70.7	85.3	37 000														20.0
22.0	58.2	82.5	27 700*	61.8	83.5	33 300*	67.0	84.5	32 600														22.0
24.0	54.1	81.2	25 200*	57.8	82.3	30 500*	63.2	83.6	29 200														24.0
26.0	49.7	79.6	22 900*	53.7	80.9	27 800*	59.3	82.4	26 300	64.5	83.5	24 700											26.0
28.0	45.0	77.7	20 900*	49.3	79.3	25 300*	55.2	81.1	23 900	60.6	82.4	22 400											28.0
30.0	39.9	75.4	19 100*	44.5	77.4	23 100*	50.8	79.6	21 800	56.6	81.2	20 500											30.0
32.0	34.1	72.7	17 600*	39.3	75.1	21 100*	46.2	77.8	20 000	52.3	79.7	18 800	61.4	81.6	16 700								32.0
34.0	27.3	69.3	16 400*	33.5	72.3	19 300*	41.2	75.6	18 500	47.8	78.0	17 300	57.4	80.4	15 300								34.0
36.0	18.2	64.3	15 700*	26.5	68.7	18 000*	35.6	73.0	17 100	43.0	76.0	16 000	53.2	79.0	14 200								36.0
38.0				17.0	63.6	16 900	29.1	69.8	15 900	37.6	73.5	14 900	48.7	77.3	13 200								38.0
40.0							20.8	65.4	14 800	31.5	70.6	13 800	44.0	75.4	12 200	53.8	77.8	10 600					40.0
42.0										23.9	66.6	12 900	38.7	73.0	11 400	49.4	76.1	9 800					42.0
44.0										12.6	60.3	12 000	32.8	70.2	10 600	44.7	74.2	9 200					44.0
46.0													25.6	66.5	9 900	39.5	72.0	8 600	49.8	74.5	7 200		46.0
48.0													15.6	61.0	9 300	33.7	69.2	8 000	45.1	72.6	6 800		48.0
50.0																26.8	65.7	7 500	39.9	70.4	6 300		50.0
52.0																17.4	60.6	7 000	34.2	67.7	5 900		52.0
54.0																			27.4	64.2	5 400		54.0
56.0																			18.3	59.3	5 000		56.0

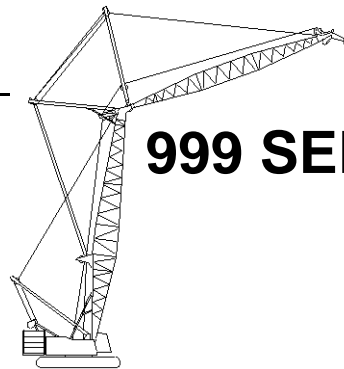


Liftcrane Luffing Jib Capacities

999 SERIES 2

Luffing Jib No. 149 With
Jib Backstay Pendants On
Boom No. 82
83 730 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

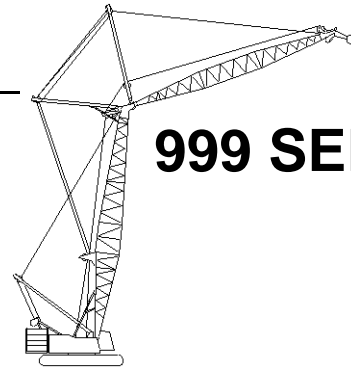
Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib 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	89.5	31 000*b																			13.7
14.0	74.8	89.4	30 800*b																			14.0
16.0	71.5	88.8	29 500*b																			16.0
18.0	68.1	88.0	28 700*	71.2	88.6	35 200*																18.0
20.0	64.7	87.1	27 500*	67.8	87.8	34 300*																20.0
22.0	61.2	86.1	26 100*	64.4	86.9	32 000*	69.0	87.8	32 500													22.0
24.0	57.5	84.9	24 500*	60.8	85.9	29 400*	65.6	87.0	28 900													24.0
26.0	53.7	83.5	22 300*	57.1	84.6	27 000*	62.1	86.0	26 100	66.7	86.8	24 400										26.0
28.0	49.6	81.9	20 400*	53.3	83.2	24 700*	58.4	84.8	23 700	63.3	85.9	22 200										28.0
30.0	45.4	80.0	18 600*	49.2	81.6	22 500*	54.7	83.4	21 600	59.7	84.8	20 200										30.0
32.0	40.7	77.8	17 100*	44.9	79.7	20 600*	50.7	81.9	19 800	56.0	83.5	18 600										32.0
34.0	35.6	75.2	15 800*	40.2	77.5	19 000*	46.5	80.1	18 300	52.1	82.0	17 100	60.4	84.0	15 100							34.0
36.0	29.6	72.0	14 700*	35.0	74.8	17 400*	41.9	78.0	16 900	47.9	80.3	15 800	56.7	82.7	13 900							36.0
38.0	22.3	67.8	14 000*	29.0	71.5	16 200*	36.9	75.5	15 700	43.5	78.3	14 700	52.8	81.3	12 900							38.0
40.0				21.5	67.2	15 300*	31.2	72.5	14 600	38.7	75.9	13 600	48.8	79.6	11 900	57.3	81.5	10 300				40.0
42.0							24.4	68.6	13 600	33.3	73.1	12 700	44.4	77.7	11 100	53.4	80.1	9 600				42.0
44.0							14.7	62.7	12 700	26.9	69.6	11 900	39.7	75.4	10 400	49.4	78.4	8 900				44.0
46.0										18.5	64.7	11 100	34.4	72.7	9 700	45.1	76.6	8 300				46.0
48.0													28.3	69.3	9 100	40.4	74.3	7 700	49.7	76.8	6 400	48.0
50.0													20.5	64.8	8 500	35.2	71.7	7 200	45.4	74.9	6 000	50.0
52.0																29.2	68.5	6 800	40.8	72.7	5 600	52.0
54.0																21.8	64.2	6 300	35.6	70.1	5 200	54.0
56.0																9.8	56.8	5 900	29.7	67.0	4 800	56.0
58.0																			22.4	62.8	4 500	58.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 149 With
Jib Backstay Pendants On
Boom No. 82
83 730 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



999 SERIES 2

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

Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib 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	74.1	92.2	27 800*																			15.2
16.0	73.0	92.0	27 400*																			16.0
18.0	69.9	91.3	26 500*																			18.0
20.0	66.8	90.5	25 800*	69.6	91.1	32 200*																20.0
22.0	63.6	89.6	24 700*	66.5	90.3	30 600*																22.0
24.0	60.3	88.5	23 700*	63.3	89.3	28 400*	67.6	90.3	28 800													24.0
26.0	56.9	87.2	21 700*	60.0	88.2	26 200*	64.4	89.4	25 900													26.0
28.0	53.3	85.8	19 900*	56.5	87.0	24 100*	61.1	88.3	23 500	65.5	89.3	22 000										28.0
30.0	49.6	84.2	18 200*	53.0	85.5	22 100*	57.7	87.1	21 500	62.2	88.3	20 000										30.0
32.0	45.6	82.3	16 800*	49.2	83.9	20 300*	54.2	85.8	19 700	58.9	87.1	18 400										32.0
34.0	41.4	80.2	15 400*	45.2	82.0	18 600*	50.6	84.2	18 200	55.4	85.8	16 900										34.0
36.0	36.8	77.6	14 300*	41.0	79.8	17 200*	46.7	82.4	16 800	51.8	84.3	15 600	59.6	86.3	13 700							36.0
38.0	31.5	74.6	13 300*	36.3	77.3	15 800*	42.5	80.3	15 600	48.0	82.6	14 500	56.1	85.0	12 700							38.0
40.0	25.3	70.8	12 600*	31.0	74.2	14 700*	38.0	77.9	14 500	43.9	80.6	13 500	52.6	83.6	11 800							40.0
42.0	17.1	65.5	12 200*	24.6	70.3	13 900*	32.9	75.0	13 500	39.6	78.3	12 600	48.8	81.9	11 000							42.0
44.0				16.1	64.7	13 300*	27.0	71.5	12 600	34.7	75.6	11 700	44.8	80.0	10 200	53.1	82.4	8 700				44.0
46.0							19.5	66.7	11 800	29.1	72.3	11 000	40.5	77.8	9 500	49.4	80.7	8 100				46.0
48.0										22.3	68.1	10 300	35.7	75.2	8 900	45.4	78.9	7 500				48.0
50.0										12.3	61.4	9 600	30.3	72.0	8 300	41.1	76.7	7 000	49.6	79.1	5 800	50.0
52.0													23.8	68.0	7 800	36.4	74.2	6 600	45.7	77.2	5 400	52.0
54.0													14.8	62.1	7 300	31.2	71.1	6 100	41.5	75.1	5 000	54.0
56.0																24.9	67.3	5 700	36.8	72.6	4 600	56.0
58.0																16.5	61.8	5 300	31.6	69.6	4 300	58.0
60.0																			25.4	65.8	4 000	60.0
62.0																			17.3	60.5	3 600	62.0

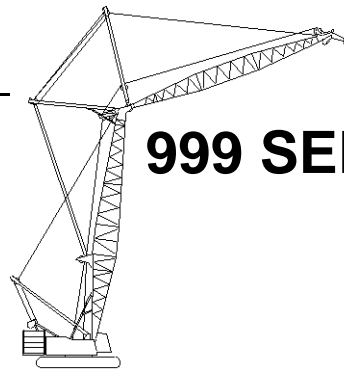


Liftcrane Luffing Jib Capacities

999 SERIES 2

Luffing Jib No. 149 With
Jib Backstay Pendants On
Boom No. 82
83 730 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

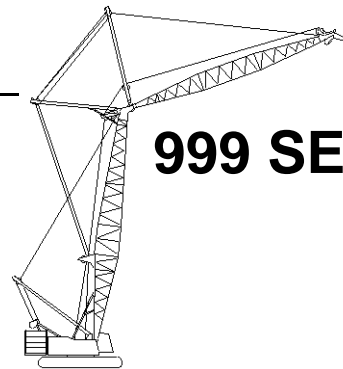
Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib 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	95.4	26 200*																			15.2
16.0	74.2	95.2	25 900*																			16.0
18.0	71.4	94.6	25 000*																			18.0
20.0	68.5	93.8	23 900*	71.1	94.4	29 700*																20.0
22.0	65.6	92.9	23 200*	68.3	93.6	28 800*																22.0
24.0	62.6	92.0	22 500*	65.3	92.7	27 200*	69.3	93.6	28 300													24.0
26.0	59.5	90.8	21 100*	62.3	91.7	25 300*	66.3	92.8	25 700													26.0
28.0	56.3	89.5	19 300*	59.2	90.6	23 400*	63.4	91.8	23 300													28.0
30.0	53.0	88.1	17 800*	56.0	89.3	21 600*	60.3	90.7	21 200	64.4	91.7	19 800										30.0
32.0	49.6	86.5	16 300*	52.7	87.8	19 900*	57.1	89.5	19 500	61.4	90.7	18 100										32.0
34.0	45.9	84.6	15 100*	49.2	86.2	18 300*	53.9	88.1	17 900	58.2	89.5	16 700										34.0
36.0	42.0	82.5	14 000*	45.5	84.3	16 800*	50.4	86.5	16 600	55.0	88.1	15 400										36.0
38.0	37.7	80.1	13 000*	41.6	82.2	15 600*	46.8	84.7	15 400	51.6	86.6	14 200	58.9	88.7	12 400							38.0
40.0	33.0	77.2	12 100*	37.3	79.7	14 500*	43.0	82.6	14 300	48.1	84.9	13 200	55.6	87.4	11 500							40.0
42.0	27.6	73.7	11 400*	32.6	76.8	13 400*	38.8	80.3	13 300	44.3	82.9	12 300	52.3	85.9	10 700							42.0
44.0	21.0	69.2	10 900*	27.1	73.2	12 600*	34.3	77.5	12 500	40.3	80.7	11 500	48.8	84.2	10 000							44.0
46.0				20.2	68.5	12 000*	29.1	74.2	11 600	35.9	78.1	10 700	45.1	82.3	9 300	52.8	84.7	7 800				46.0
48.0							22.8	70.0	10 900	30.9	75.0	10 100	41.1	80.1	8 700	49.3	83.0	7 300				48.0
50.0							14.1	63.9	10 200	25.1	71.2	9 400	36.8	77.6	8 100	45.7	81.2	6 800				50.0
52.0										17.6	65.9	8 800	32.0	74.6	7 600	41.7	79.0	6 300	49.6	81.4	5 100	52.0
54.0													26.4	71.0	7 100	37.5	76.6	5 900	45.9	79.5	4 700	54.0
56.0													19.3	66.1	6 600	32.7	73.7	5 500	42.0	77.4	4 400	56.0
58.0																27.3	70.1	5 100	37.8	75.0	4 000	58.0
60.0																20.5	65.5	4 700	33.1	72.1	3 700	60.0
62.0																9.9	57.9	4 400	27.7	68.7	3 400	62.0
64.0																		4 400	21.1	64.1	3 100	64.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 149 With
Jib Backstay Pendants On
Boom No. 82
83 730 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



999 SERIES 2

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

Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib 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	98.2	23 800*																			16.8
18.0	72.7	97.8	23 400*																			18.0
20.0	70.0	97.1	22 400*	72.4	97.6	27 600*																20.0
22.0	67.3	96.3	22 000*	69.8	96.9	27 100*																22.0
24.0	64.6	95.4	21 300*	67.1	96.1	26 100*																24.0
26.0	61.8	94.3	20 400*	64.3	95.2	24 300*	68.0	96.1	25 600													26.0
28.0	58.9	93.2	18 800*	61.5	94.1	22 600*	65.3	95.2	23 200													28.0
30.0	55.9	91.9	17 300*	58.6	92.9	21 000*	62.5	94.2	21 100	66.2	95.1	19 700										30.0
32.0	52.8	90.4	16 000*	55.6	91.6	19 500*	59.6	93.1	19 400	63.4	94.1	18 000										32.0
34.0	49.5	88.8	14 800*	52.4	90.1	18 000*	56.6	91.8	17 800	60.6	93.0	16 600										34.0
36.0	46.1	86.9	13 700*	49.2	88.5	16 600*	53.5	90.4	16 500	57.6	91.8	15 300										36.0
38.0	42.5	84.8	12 700*	45.8	86.6	15 300*	50.3	88.8	15 300	54.6	90.4	14 200										38.0
40.0	38.6	82.5	11 800*	42.1	84.5	14 200*	47.0	87.0	14 200	51.4	88.9	13 200	58.2	91.0	11 400							40.0
42.0	34.3	79.7	11 100*	38.2	82.1	13 300*	43.4	85.0	13 300	48.1	87.2	12 300	55.2	89.7	10 600							42.0
44.0	29.5	76.4	10 400*	33.9	79.3	12 300*	39.6	82.7	12 400	44.6	85.2	11 500	52.1	88.2	9 900							44.0
46.0	23.8	72.4	10 000*	29.0	76.0	11 600*	35.4	80.0	11 600	40.9	83.0	10 700	48.8	86.5	9 200	55.7	88.5	7 800				46.0
48.0	16.3	66.7	9 700*	23.2	71.8	11 000*	30.8	76.9	10 800	36.9	80.5	10 000	45.4	84.6	8 600	52.6	87.0	7 200				48.0
50.0				15.4	65.9	10 600*	25.4	73.1	10 200	32.4	77.6	9 400	41.7	82.5	8 000	49.3	85.3	6 700				50.0
52.0							18.5	68.0	9 600	27.3	74.0	8 800	37.7	80.0	7 500	45.9	83.5	6 200				52.0
54.0										21.1	69.5	8 300	33.4	77.2	7 000	42.2	81.4	5 800	49.6	83.7	4 600	54.0
56.0										12.0	62.5	7 700	28.4	73.8	6 600	38.3	79.0	5 400	46.2	81.9	4 300	56.0
58.0													22.5	69.5	6 100	34.0	76.2	5 100	42.5	79.8	3 900	58.0
60.0													14.3	63.3	5 700	29.2	72.9	4 700	38.6	77.4	3 600	60.0
62.0																23.4	68.8	4 400	34.4	74.6	3 400	62.0
64.0																15.8	63.0	4 000	29.6	71.4	3 100	64.0
66.0																			23.9	67.3	2 800	66.0
68.0																			16.5	61.7	2 600	68.0

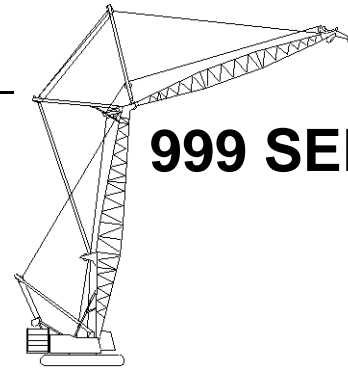


Liftcrane Luffing Jib Capacities

999 SERIES 2

Luffing Jib No. 149 With
Jib Backstay Pendants On
Boom No. 82
83 730 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, 48.8m (160 Ft.) Luffing Jib

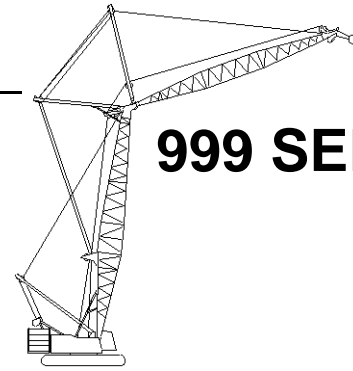
Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib 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	75.3	101.3	22 100*																16.8
18.0	73.8	101.0	21 700*																18.0
20.0	71.3	100.3	21 100*	73.6	100.8	25 400*													20.0
22.0	68.8	99.6	20 500*	71.1	100.1	25 100*													22.0
24.0	66.3	98.7	19 900*	68.6	99.4	24 600*													24.0
26.0	63.7	97.8	19 400*	66.0	98.5	23 400*	69.5	99.4	24 600										26.0
28.0	61.0	96.7	18 400*	63.4	97.6	21 900*	66.9	98.5	23 000										28.0
30.0	58.3	95.5	17 000*	60.7	96.5	20 500*	64.3	97.6	20 900										30.0
32.0	55.4	94.2	15 700*	58.0	95.3	19 000*	61.7	96.6	19 100	65.2	97.5	17 800							32.0
34.0	52.5	92.7	14 600*	55.2	93.9	17 700*	59.0	95.4	17 600	62.6	96.5	16 300							34.0
36.0	49.5	91.1	13 500*	52.2	92.4	16 400*	56.2	94.1	16 300	59.9	95.4	15 100							36.0
38.0	46.3	89.2	12 600*	49.2	90.8	15 200*	53.3	92.7	15 100	57.1	94.1	13 900							38.0
40.0	42.9	87.2	11 700*	46.0	88.9	14 100*	50.3	91.1	14 000	54.3	92.8	12 900	60.4	94.6	11 200				40.0
42.0	39.3	84.8	10 900*	42.6	86.8	13 100*	47.1	89.3	13 100	51.3	91.2	12 000	57.7	93.4	10 400				42.0
44.0	35.4	82.2	10 200*	38.9	84.5	12 300*	43.8	87.3	12 200	48.2	89.5	11 200	54.8	92.0	9 600				44.0
46.0	31.1	79.1	9 600*	35.0	81.8	11 500*	40.2	85.0	11 400	44.9	87.6	10 500	51.9	90.5	8 900				46.0
48.0	26.1	75.3	9 100*	30.6	78.6	10 800*	36.4	82.5	10 700	41.5	85.4	9 800	48.8	88.8	8 300	55.3	90.8	6 900	48.0
50.0	19.9	70.5	8 800*	25.5	74.8	10 200*	32.2	79.5	10 000	37.7	82.9	9 200	45.6	86.9	7 800	52.3	89.3	6 400	50.0
52.0				19.2	69.8	9 800*	27.4	75.9	9 400	33.7	80.1	8 600	42.2	84.8	7 300	49.3	87.6	6 000	52.0
54.0							21.6	71.4	8 800	29.1	76.8	8 100	38.5	82.4	6 800	46.1	85.8	5 500	54.0
56.0							13.7	65.0	8 300	23.7	72.7	7 600	34.5	79.7	6 400	42.7	83.7	5 200	56.0
58.0										16.8	67.1	7 100	30.1	76.5	5 900	39.1	81.4	4 800	58.0
60.0													24.9	72.5	5 600	35.1	78.7	4 400	60.0
62.0													18.4	67.4	5 200	30.8	75.5	4 100	62.0
64.0													7.5	58.3	4 800	25.7	71.7	3 800	64.0
66.0																19.5	66.8	3 500	66.0
68.0																9.9	58.9	3 200	68.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 149 With
Jib Backstay Pendants On
Boom No. 82
83 730 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



999 SERIES 2

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

Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
18.3	74.4	104.1	20 200*																18.3
20.0	72.5	103.5	19 700*																20.0
22.0	70.1	102.8	19 200*	72.2	103.4	23 200*													22.0
24.0	67.8	102.1	18 700*	69.9	102.7	22 900*													24.0
26.0	65.3	101.2	18 000*	67.5	101.9	22 300*	70.7	102.6	22 600*										26.0
28.0	62.9	100.2	17 500*	65.1	101.0	21 000*	68.4	101.8	22 300										28.0
30.0	60.3	99.1	16 600*	62.6	100.0	19 800*	65.9	101.0	20 800										30.0
32.0	57.8	97.9	15 300*	60.1	98.8	18 500*	63.5	100.0	19 000	66.8	100.9	17 600							32.0
34.0	55.1	96.5	14 300*	57.5	97.6	17 300*	61.0	99.0	17 400	64.3	99.9	16 100							34.0
36.0	52.3	95.0	13 200*	54.8	96.3	16 100*	58.4	97.8	16 100	61.8	98.9	14 900							36.0
38.0	49.5	93.4	12 300*	52.0	94.7	15 000*	55.8	96.4	14 900	59.3	97.7	13 700							38.0
40.0	46.5	91.5	11 500*	49.2	93.1	14 000*	53.0	95.0	13 900	56.7	96.5	12 700	62.3	98.1	11 000				40.0
42.0	43.3	89.5	10 700*	46.2	91.2	13 000*	50.2	93.4	12 900	54.0	95.1	11 900	59.8	96.9	10 100				42.0
44.0	39.9	87.2	10 000*	43.0	89.2	12 100*	47.2	91.6	12 000	51.2	93.5	11 000	57.2	95.7	9 400				44.0
46.0	36.3	84.6	9 400*	39.6	86.9	11 300*	44.1	89.6	11 200	48.2	91.8	10 300	54.5	94.3	8 800				46.0
48.0	32.4	81.6	8 900*	36.0	84.2	10 600*	40.8	87.4	10 500	45.2	89.9	9 600	51.7	92.8	8 200				48.0
50.0	27.9	78.1	8 400*	31.9	81.2	10 000*	37.3	84.9	9 800	41.9	87.7	9 000	48.8	91.1	7 600	54.9	93.1	6 200	50.0
52.0	22.6	73.8	8 100*	27.4	77.6	9 400*	33.4	82.0	9 200	38.5	85.3	8 400	45.8	89.2	7 100	52.1	91.6	5 800	52.0
54.0	15.7	67.9	7 900*	22.0	73.2	9 000*	29.1	78.7	8 700	34.7	82.6	7 900	42.6	87.1	6 600	49.3	89.9	5 300	54.0
56.0				14.9	67.1	8 700*	24.0	74.6	8 200	30.6	79.4	7 400	39.2	84.8	6 200	46.3	88.1	5 000	56.0
58.0							17.7	69.2	7 600	25.9	75.6	7 000	35.5	82.1	5 800	43.1	86.1	4 600	58.0
60.0										20.1	70.8	6 500	31.5	79.1	5 400	39.7	83.7	4 300	60.0
62.0										11.8	63.6	6 100	26.9	75.4	5 000	36.1	81.1	4 000	62.0
64.0													21.4	70.9	4 700	32.1	78.1	3 700	64.0
66.0													13.9	64.4	4 400	27.6	74.6	3 400	66.0
68.0																22.2	70.2	3 100	68.0
70.0																15.2	64.1	2 800	70.0

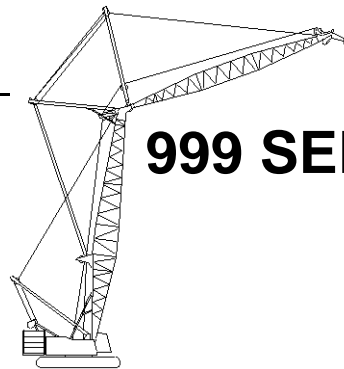


Liftcrane Luffing Jib Capacities

999 SERIES 2

Luffing Jib No. 149 With
Jib Backstay Pendants On
Boom No. 82
83 730 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, 54.9m (180 Ft.) Luffing Jib

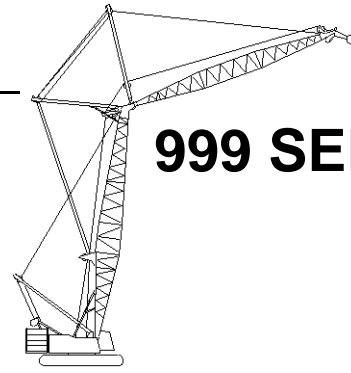
Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
18.3	75.3	107.2	18 700*													18.3
20.0	73.5	106.7	18 400*													20.0
22.0	71.3	106.1	17 900*	73.3	106.6	21 400*										22.0
24.0	69.1	105.3	17 300*	71.1	105.9	21 200*										24.0
26.0	66.8	104.5	17 000*	68.8	105.1	21 100*										26.0
28.0	64.5	103.6	16 600*	66.6	104.3	20 100*	69.6	105.1	20 700*							28.0
30.0	62.1	102.6	15 900*	64.3	103.4	19 000*	67.4	104.3	20 300							30.0
32.0	59.7	101.4	14 900*	61.9	102.3	17 900*	65.1	103.4	18 800							32.0
34.0	57.3	100.2	13 900*	59.5	101.2	16 700*	62.7	102.4	17 200	65.9	103.3	15 900				34.0
36.0	54.8	98.8	12 900*	57.0	99.9	15 700*	60.4	101.3	15 900	63.5	102.3	14 600				36.0
38.0	52.1	97.3	12 100*	54.5	98.6	14 700*	57.9	100.1	14 700	61.2	101.3	13 500				38.0
40.0	49.4	95.7	11 200*	51.9	97.0	13 700*	55.4	98.8	13 600	58.7	100.1	12 500				40.0
42.0	46.6	93.8	10 500*	49.2	95.4	12 800*	52.8	97.3	12 700	56.3	98.8	11 600	61.6	100.5	9 900	42.0
44.0	43.6	91.8	9 800*	46.3	93.5	11 900*	50.1	95.7	11 800	53.7	97.4	10 800	59.2	99.3	9 200	44.0
46.0	40.5	89.6	9 200*	43.3	91.5	11 100*	47.3	93.9	11 000	51.0	95.8	10 100	56.8	98.0	8 500	46.0
48.0	37.1	87.0	8 700*	40.2	89.2	10 400*	44.4	91.9	10 300	48.3	94.1	9 400	54.2	96.6	7 900	48.0
50.0	33.5	84.2	8 200*	36.8	86.7	9 800*	41.3	89.7	9 700	45.4	92.2	8 800	51.6	95.1	7 400	50.0
52.0	29.4	80.9	7 800*	33.1	83.8	9 300*	38.0	87.3	9 100	42.4	90.1	8 200	48.8	93.4	6 800	52.0
54.0	24.8	76.9	7 400*	29.0	80.4	8 700*	34.4	84.5	8 500	39.1	87.7	7 700	46.0	91.5	6 400	54.0
56.0	19.1	71.8	7 200*	24.3	76.3	8 300*	30.5	81.3	8 000	35.7	85.1	7 200	43.0	89.5	5 900	56.0
58.0				18.4	71.1	8 000	26.0	77.5	7 500	31.9	82.0	6 700	39.8	87.2	5 600	58.0
60.0							20.6	72.8	7 000	27.6	78.5	6 300	36.4	84.6	5 200	60.0
62.0							13.3	66.1	6 600	22.6	74.1	5 900	32.7	81.6	4 800	62.0
64.0										16.2	68.3	5 500	28.5	78.2	4 500	64.0
66.0													23.7	74.0	4 100	66.0
68.0													17.6	68.6	3 800	68.0
70.0													7.9	59.5	3 500	70.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 149 With
Jib Backstay Pendants On
Boom No. 82
83 730 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



999 SERIES 2

51.8m (170 Ft.) Boom, 57.9m (190 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
19.8	74.6	110.0	17 100*													19.8
20.0	74.4	109.9	17 100*													20.0
22.0	72.3	109.3	16 700*													22.0
24.0	70.2	108.6	16 300*	72.1	109.1	19 500*										24.0
26.0	68.1	107.8	15 900*	70.0	108.4	19 400*										26.0
28.0	65.9	107.0	15 500*	67.9	107.6	19 100*										28.0
30.0	63.7	106.0	15 100*	65.7	106.8	18 100*	68.6	107.6	19 000*							30.0
32.0	61.5	104.9	14 400*	63.5	105.8	17 200*	66.5	106.8	18 600							32.0
34.0	59.2	103.8	13 500*	61.3	104.7	16 200*	64.3	105.8	17 100	67.2	106.6	15 800				34.0
36.0	56.9	102.5	12 600*	59.0	103.6	15 200*	62.1	104.8	15 800	65.0	105.7	14 500				36.0
38.0	54.5	101.1	11 800*	56.6	102.3	14 300*	59.8	103.7	14 600	62.8	104.7	13 400				38.0
40.0	52.0	99.6	11 000*	54.2	100.9	13 400*	57.5	102.4	13 500	60.6	103.6	12 400				40.0
42.0	49.4	98.0	10 300*	51.7	99.4	12 500*	55.1	101.1	12 600	58.3	102.4	11 500				42.0
44.0	46.7	96.1	9 600*	49.1	97.7	11 700*	52.6	99.6	11 700	55.9	101.1	10 700	61.0	102.8	9 000	44.0
46.0	43.9	94.1	9 000*	46.5	95.8	11 000*	50.1	98.0	10 900	53.5	99.7	10 000	58.7	101.6	8 400	46.0
48.0	41.0	91.9	8 500*	43.6	93.8	10 300*	47.4	96.2	10 200	50.9	98.1	9 300	56.4	100.4	7 800	48.0
50.0	37.8	89.5	8 000*	40.7	91.6	9 700*	44.6	94.2	9 600	48.3	96.4	8 700	53.9	98.9	7 200	50.0
52.0	34.4	86.7	7 600*	37.5	89.1	9 100*	41.7	92.1	9 000	45.6	94.5	8 100	51.4	97.4	6 800	52.0
54.0	30.7	83.5	7 200*	34.1	86.3	8 600*	38.6	89.7	8 400	42.7	92.4	7 600	48.9	95.7	6 300	54.0
56.0	26.5	79.8	6 900*	30.3	83.0	8 200*	35.3	87.0	7 900	39.7	90.1	7 100	46.2	93.8	5 800	56.0
58.0	21.6	75.2	6 700*	26.1	79.3	7 700*	31.7	83.9	7 400	36.5	87.5	6 600	43.3	91.8	5 500	58.0
60.0	15.2	69.1	6 600*	21.1	74.6	7 500*	27.7	80.4	6 900	33.0	84.6	6 200	40.3	89.5	5 100	60.0
62.0				14.5	68.2	7 200	23.0	76.1	6 500	29.1	81.2	5 800	37.1	87.0	4 700	62.0
64.0							17.1	70.4	6 100	24.6	77.2	5 500	33.7	84.2	4 400	64.0
66.0										19.3	72.1	5 100	29.9	80.9	4 100	66.0
68.0										11.6	64.7	4 800	25.6	77.0	3 800	68.0
70.0													20.4	72.2	3 500	70.0
72.0													13.5	65.5	3 200	72.0

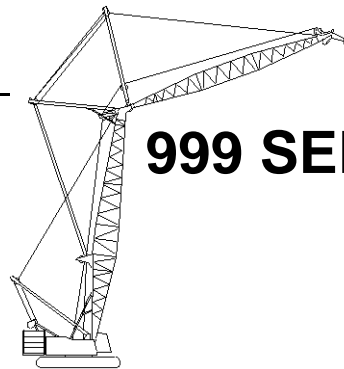


Liftcrane Luffing Jib Capacities

999 SERIES 2

Luffing Jib No. 149 With
Jib Backstay Pendants On
Boom No. 82
83 730 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, 61.0m (200 Ft.) Luffing Jib

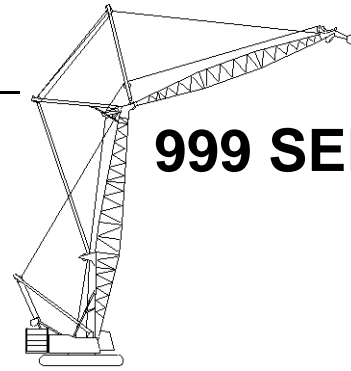
Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
19.8	75.4	113.1	15 800*													19.8
20.0	75.2	113.1	15 800*													20.0
22.0	73.2	112.5	15 600*													22.0
24.0	71.2	111.8	15 200*													24.0
26.0	69.2	111.1	14 900*	71.0	111.7	17 800*										26.0
28.0	67.2	110.3	14 600*	69.0	110.9	17 700*										28.0
30.0	65.1	109.4	14 200*	67.0	110.1	17 300*	69.7	110.9	17 300*							30.0
32.0	63.0	108.4	13 900*	64.9	109.2	16 400*	67.7	110.1	17 300*							32.0
34.0	60.9	107.3	13 000*	62.8	108.2	15 600*	65.7	109.2	17 000							34.0
36.0	58.7	106.1	12 200*	60.7	107.1	14 700*	63.6	108.2	15 600	66.4	109.1	14 300				36.0
38.0	56.5	104.9	11 500*	58.5	105.9	13 900*	61.4	107.2	14 400	64.3	108.1	13 200				38.0
40.0	54.2	103.5	10 700*	56.3	104.6	13 000*	59.3	106.0	13 300	62.2	107.1	12 200				40.0
42.0	51.8	101.9	10 100*	54.0	103.2	12 300*	57.1	104.8	12 300	60.0	106.0	11 300				42.0
44.0	49.4	100.3	9 400*	51.6	101.7	11 500*	54.8	103.4	11 500	57.8	104.8	10 500				44.0
46.0	46.8	98.4	8 900*	49.1	100.0	10 800*	52.4	101.9	10 700	55.6	103.4	9 700	60.5	105.2	8 200	46.0
48.0	44.2	96.5	8 300*	46.6	98.1	10 100*	50.0	100.3	10 000	53.2	102.0	9 100	58.3	104.0	7 500	48.0
50.0	41.4	94.3	7 900*	43.9	96.1	9 500*	47.5	98.5	9 300	50.8	100.4	8 500	56.0	102.7	7 000	50.0
52.0	38.5	91.8	7 400*	41.1	93.9	9 000*	44.9	96.6	8 700	48.4	98.7	7 900	53.7	101.3	6 500	52.0
54.0	35.3	89.1	7 000*	38.2	91.5	8 500*	42.1	94.4	8 200	45.8	96.8	7 400	51.3	99.7	6 000	54.0
56.0	31.9	86.1	6 700*	35.0	88.7	8 000*	39.2	92.1	7 700	43.1	94.7	6 900	48.9	98.0	5 600	56.0
58.0	28.1	82.6	6 400*	31.5	85.7	7 600*	36.1	89.4	7 200	40.2	92.5	6 500	46.3	96.2	5 200	58.0
60.0	23.7	78.4	6 200*	27.7	82.1	7 200*	32.8	86.5	6 800	37.2	89.9	6 000	43.6	94.1	4 800	60.0
62.0	18.4	73.1	6 000*	23.2	77.8	6 900*	29.1	83.1	6 400	33.9	87.1	5 700	40.8	91.9	4 500	62.0
64.0	10.7	65.1	5 900*	17.8	72.3	6 600	24.9	79.1	5 900	30.4	83.9	5 300	37.8	89.4	4 200	64.0
66.0							19.8	74.1	5 600	26.3	80.1	5 000	34.6	86.6	3 900	66.0
68.0							13.0	67.2	5 200	21.7	75.5	4 600	31.1	83.5	3 600	68.0
70.0										15.7	69.5	4 300	27.2	79.9	3 300	70.0
72.0													22.7	75.5	3 000	72.0
74.0													17.0	69.8	2 800	74.0
76.0													8.1	60.6	2 500	76.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 149 With
Jib Backstay Pendants On
Boom No. 82
83 730 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



999 SERIES 2

51.8m (170 Ft.) Boom, 64.0m (210 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	
21.3	74.7	115.9	14 500*										21.3
22.0	74.0	115.7	14 400*										22.0
24.0	72.2	115.1	14 200*										24.0
26.0	70.3	114.4	13 900*	72.0	114.9	16 400*							26.0
28.0	68.3	113.6	13 600*	70.1	114.2	16 300*							28.0
30.0	66.4	112.7	13 300*	68.2	113.4	16 100*							30.0
32.0	64.4	111.8	13 000*	66.2	112.5	15 700*	68.8	113.4	15 800*				32.0
34.0	62.4	110.8	12 600*	64.2	111.6	14 900*	66.9	112.6	15 700*				34.0
36.0	60.4	109.7	11 900*	62.2	110.6	14 200*	64.9	111.6	15 400				36.0
38.0	58.3	108.5	11 100*	60.2	109.5	13 400*	62.9	110.6	14 200	65.6	111.5	13 000	38.0
40.0	56.1	107.2	10 500*	58.1	108.2	12 700*	60.9	109.6	13 100	63.6	110.6	12 000	40.0
42.0	54.0	105.8	9 900*	55.9	106.9	12 000*	58.8	108.4	12 200	61.6	109.5	11 100	42.0
44.0	51.7	104.2	9 300*	53.7	105.5	11 300*	56.7	107.1	11 300	59.5	108.4	10 300	44.0
46.0	49.4	102.6	8 700*	51.5	104.0	10 600*	54.5	105.7	10 600	57.4	107.1	9 600	46.0
48.0	46.9	100.8	8 200*	49.1	102.3	10 000*	52.3	104.2	9 800	55.3	105.8	8 900	48.0
50.0	44.4	98.8	7 700*	46.7	100.4	9 400*	50.0	102.6	9 200	53.0	104.3	8 300	50.0
52.0	41.8	96.6	7 300*	44.2	98.5	8 800*	47.6	100.8	8 600	50.8	102.7	7 700	52.0
54.0	39.0	94.2	6 900*	41.5	96.3	8 400*	45.1	98.9	8 000	48.4	101.0	7 200	54.0
56.0	36.1	91.6	6 600*	38.7	93.9	7 900*	42.5	96.8	7 500	45.9	99.1	6 700	56.0
58.0	32.9	88.6	6 200*	35.7	91.2	7 500*	39.7	94.4	7 100	43.4	97.1	6 300	58.0
60.0	29.4	85.3	5 900*	32.5	88.2	7 100*	36.8	91.9	6 600	40.7	94.8	5 900	60.0
62.0	25.4	81.4	5 700*	29.0	84.8	6 800*	33.7	89.0	6 200	37.8	92.3	5 500	62.0
64.0	20.8	76.6	5 500*	25.0	80.8	6 500*	30.3	85.8	5 800	34.8	89.6	5 100	64.0
66.0	14.8	70.2	5 400*	20.3	75.9	6 100	26.5	82.0	5 400	31.5	86.5	4 800	66.0
68.0				14.1	69.3	5 600	22.0	77.5	5 100	27.8	82.9	4 400	68.0
70.0							16.5	71.6	4 700	23.6	78.7	4 100	70.0
72.0										18.6	73.4	3 800	72.0
74.0										11.5	65.8	3 500	74.0

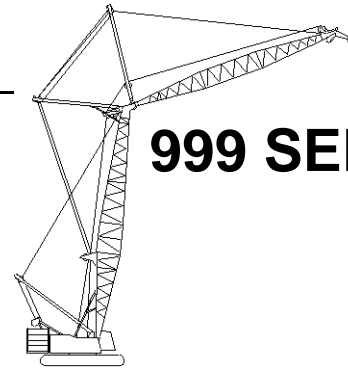


Liftcrane Luffing Jib Capacities

999 SERIES 2

Luffing Jib No. 149 With
Jib Backstay Pendants On
Boom No. 82
83 730 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, 67.1m (220 Ft.) Luffing Jib

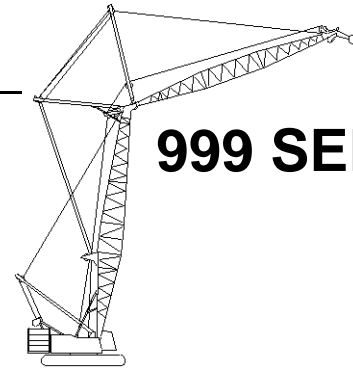
Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
21.3	75.4	119.0	13 300*										21.3
22.0	74.8	118.8	13 300*										22.0
24.0	73.0	118.3	13 100*										24.0
26.0	71.2	117.6	12 900*	72.8	118.1	15 000*							26.0
28.0	69.4	116.9	12 700*	71.0	117.4	14 900*							28.0
30.0	67.5	116.1	12 400*	69.2	116.7	14 800*							30.0
32.0	65.7	115.2	12 200*	67.4	115.9	14 600*	69.8	116.6	14 400*				32.0
34.0	63.8	114.2	11 900*	65.5	115.0	14 200*	68.0	115.9	14 300*				34.0
36.0	61.9	113.2	11 500*	63.6	114.0	13 600*	66.1	115.0	14 300*				36.0
38.0	59.9	112.1	10 800*	61.7	113.0	12 900*	64.3	114.1	13 900				38.0
40.0	57.9	110.8	10 200*	59.7	111.8	12 300*	62.3	113.0	12 900	64.9	114.0	11 700	40.0
42.0	55.8	109.5	9 600*	57.7	110.6	11 600*	60.4	111.9	12 000	63.0	113.0	10 900	42.0
44.0	53.7	108.1	9 000*	55.6	109.3	10 900*	58.4	110.7	11 100	61.0	111.9	10 100	44.0
46.0	51.6	106.5	8 500*	53.5	107.8	10 300*	56.4	109.4	10 300	59.1	110.7	9 300	46.0
48.0	49.3	104.9	8 000*	51.4	106.3	9 800*	54.3	108.0	9 600	57.0	109.5	8 700	48.0
50.0	47.0	103.1	7 500*	49.1	104.6	9 200*	52.1	106.5	9 000	55.0	108.1	8 100	50.0
52.0	44.6	101.1	7 100*	46.8	102.8	8 700*	49.9	104.9	8 400	52.9	106.6	7 500	52.0
54.0	42.1	98.9	6 700*	44.4	100.8	8 200*	47.6	103.1	7 800	50.7	105.0	7 000	54.0
56.0	39.5	96.6	6 400*	41.9	98.6	7 800*	45.3	101.2	7 300	48.4	103.3	6 500	56.0
58.0	36.7	94.0	6 100*	39.2	96.2	7 300*	42.8	99.1	6 800	46.1	101.4	6 100	58.0
60.0	33.7	91.2	5 800*	36.4	93.6	7 000*	40.2	96.8	6 400	43.6	99.4	5 600	60.0
62.0	30.5	87.9	5 500*	33.4	90.7	6 600*	37.4	94.3	6 000	41.1	97.2	5 300	62.0
64.0	26.9	84.2	5 300*	30.2	87.5	6 300	34.5	91.5	5 600	38.4	94.7	4 900	64.0
66.0	22.8	79.8	5 100*	26.5	83.7	5 900	31.3	88.4	5 200	35.5	92.0	4 500	66.0
68.0	17.8	74.3	5 000*	22.3	79.2	5 500	27.8	84.8	4 900	32.4	89.0	4 300	68.0
70.0	10.6	66.2	4 300*	17.2	73.6	5 200	23.9	80.6	4 500	29.1	85.6	4 000	70.0
72.0							19.1	75.4	4 200	25.3	81.7	3 700	72.0
74.0							12.8	68.3	4 000	20.9	76.9	3 400	74.0
76.0										15.2	70.6	3 100	76.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 149 With
Jib Backstay Pendants On
Boom No. 82
83 730 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



999 SERIES 2

51.8m (170 Ft.) Boom, 70.1m (230 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			Jib Oper. Rad. m
	Jib Point	Luffing Jib	Capacity Kilograms	Jib Point	Luffing Jib	Capacity Kilograms	Jib Point	Luffing Jib	Capacity Kilograms	
	Ang. Deg.	Elev. m		Ang. Deg.	Elev. m		Ang. Deg.	Elev. m		
21.3	76.0	122.2	12 400*							21.3
22.0	75.5	122.0	12 400*							22.0
24.0	73.8	121.4	12 200*							24.0
26.0	72.0	120.8	12 000*	73.6	121.3	14 200*				26.0
28.0	70.3	120.1	11 700*	71.9	120.6	14 100*				28.0
30.0	68.6	119.4	11 500*	70.1	119.9	13 900*				30.0
32.0	66.8	118.5	11 200*	68.4	119.2	13 600*	70.8	119.9	13 700*	32.0
34.0	65.0	117.6	11 000*	66.6	118.3	13 000*	69.0	119.1	13 700*	34.0
36.0	63.2	116.6	10 500*	64.8	117.4	12 400*	67.2	118.3	13 600*	36.0
38.0	61.3	115.6	9 900*	63.0	116.4	11 800*	65.5	117.4	13 600*	38.0
40.0	59.4	114.4	9 300*	61.1	115.3	11 200*	63.6	116.5	12 800	40.0
42.0	57.5	113.2	8 800*	59.3	114.2	10 600*	61.8	115.4	11 800	42.0
44.0	55.5	111.8	8 300*	57.3	112.9	10 000*	59.9	114.3	11 000	44.0
46.0	53.5	110.4	7 800*	55.4	111.6	9 500*	58.0	113.1	10 200	46.0
48.0	51.5	108.8	7 400*	53.3	110.1	9 000*	56.0	111.8	9 500	48.0
50.0	49.3	107.2	7 000*	51.3	108.6	8 500*	54.0	110.3	8 800	50.0
52.0	47.1	105.4	6 500*	49.1	106.9	8 000*	52.0	108.8	8 200	52.0
54.0	44.8	103.4	6 200*	46.9	105.1	7 600*	49.9	107.2	7 700	54.0
56.0	42.5	101.3	5 900*	44.6	103.1	7 200*	47.7	105.4	7 200	56.0
58.0	40.0	99.0	5 600*	42.2	100.9	6 800*	45.4	103.5	6 700	58.0
60.0	37.3	96.4	5 300*	39.7	98.6	6 400*	43.1	101.4	6 300	60.0
62.0	34.5	93.7	5 000*	37.1	96.1	6 100*	40.6	99.2	5 900	62.0
64.0	31.5	90.5	4 800*	34.2	93.2	5 800*	38.0	96.7	5 500	64.0
66.0	28.2	87.0	4 700*	31.2	90.1	5 600*	35.2	94.0	5 100	66.0
68.0	24.4	82.9	4 500*	27.8	86.5	5 300*	32.3	90.9	4 800	68.0
70.0	20.1	77.9	4 400*	24.1	82.3	5 100	29.0	87.5	4 500	70.0
72.0	14.5	71.4	4 000*	19.6	77.3	4 700	25.4	83.6	4 200	72.0
74.0				13.8	70.5	4 200	21.2	78.9	3 900	74.0
76.0							16.0	72.8	3 600	76.0

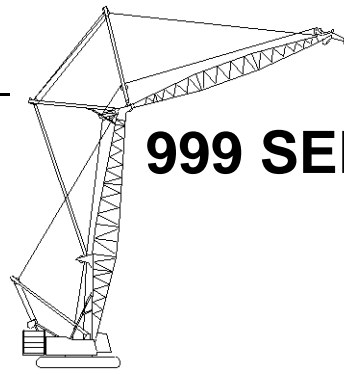


Liftcrane Luffing Jib Capacities

999 SERIES 2

Luffing Jib No. 149 With
Jib Backstay Pendants On
Boom No. 82
83 730 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, 73.2m (240 Ft.) Luffing Jib

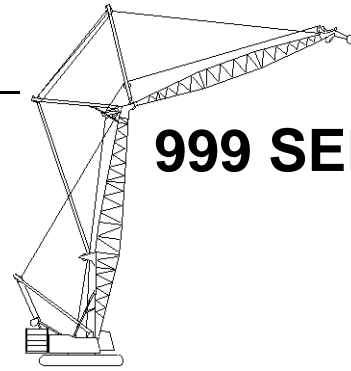
Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
22.9	75.4	124.9	11 200*							22.9
24.0	74.5	124.6	11 100*							24.0
26.0	72.8	124.0	11 000*							26.0
28.0	71.2	123.4	10 700*	72.7	123.8	12 700*				28.0
30.0	69.5	122.6	10 500*	71.0	123.2	12 500*				30.0
32.0	67.8	121.8	10 300*	69.3	122.4	12 400*				32.0
34.0	66.1	121.0	10 100*	67.7	121.6	12 300*	69.9	122.4	12 200*	34.0
36.0	64.4	120.0	9 900*	65.9	120.8	11 800*	68.2	121.6	12 200*	36.0
38.0	62.6	119.0	9 600*	64.2	119.8	11 300*	66.5	120.8	12 100*	38.0
40.0	60.8	117.9	9 000*	62.5	118.8	10 700*	64.8	119.9	12 000*	40.0
42.0	59.0	116.8	8 500*	60.7	117.7	10 200*	63.1	118.9	11 700*	42.0
44.0	57.2	115.5	8 100*	58.8	116.5	9 700*	61.3	117.8	10 800*	44.0
46.0	55.3	114.2	7 600*	57.0	115.3	9 200*	59.5	116.7	10 000*	46.0
48.0	53.3	112.7	7 200*	55.1	113.9	8 800*	57.6	115.4	9 300*	48.0
50.0	51.4	111.1	6 800*	53.2	112.4	8 300*	55.8	114.1	8 700*	50.0
52.0	49.3	109.5	6 400*	51.2	110.9	7 800*	53.8	112.7	8 100*	52.0
54.0	47.2	107.7	6 100*	49.1	109.2	7 400*	51.9	111.1	7 500*	54.0
56.0	45.0	105.7	5 800*	47.0	107.4	7 000*	49.8	109.5	7 000*	56.0
58.0	42.8	103.6	5 500*	44.8	105.4	6 700*	47.7	107.7	6 500*	58.0
60.0	40.4	101.3	5 200*	42.5	103.3	6 300*	45.6	105.8	6 100*	60.0
62.0	37.9	98.8	5 000*	40.1	101.0	6 000*	43.3	103.7	5 700*	62.0
64.0	35.2	96.1	4 700*	37.6	98.5	5 700*	41.0	101.5	5 300*	64.0
66.0	32.4	93.1	4 500*	35.0	95.7	5 500*	38.5	99.1	4 900*	66.0
68.0	29.3	89.7	4 300*	32.1	92.7	5 200*	35.9	96.4	4 600*	68.0
70.0	25.9	85.8	4 200*	29.0	89.2	4 900*	33.1	93.5	4 300*	70.0
72.0	22.0	81.3	3 900*	25.5	85.3	4 600*	30.1	90.2	4 000*	72.0
74.0	17.2	75.5	3 500*	21.6	80.6	4 300*	26.8	86.4	3 700*	74.0
76.0	10.6	67.3	2 900*	16.7	74.8	3 900*	23.0	82.1	3 400*	76.0
78.0							18.5	76.7	3 100*	78.0
80.0							12.6	69.4	2 900*	80.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 149 With
Jib Backstay Pendants On
Boom No. 82
83 730 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



999 SERIES 2

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

Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib 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	64.3	76.4	40 900*b																			13.7
14.0	63.5	76.2	40 600*b																			14.0
16.0	57.2	75.0	38 800*b																			16.0
18.0	50.5	73.5	37 300*	57.0	74.8	44 500*b																18.0
20.0	43.0	71.6	34 000*	50.2	73.3	39 600	59.7	75.1	37 400b													20.0
22.0	34.2	68.9	30 900*	42.6	71.3	35 000	53.2	73.7	33 000b	62.3	75.1	31 200b										22.0
24.0	22.4	65.1	28 800*	33.7	68.7	31 300	46.0	71.9	29 600	55.9	73.9	27 800b										24.0
26.0							37.8	69.6	26 700	49.1	72.3	25 100										26.0
28.0							27.5	66.4	24 200	41.4	70.2	22 800	58.1	73.2	20 400b							28.0
30.0										32.2	67.4	20 800	51.4	71.7	18 600							30.0
32.0										19.2	63.1	19 000	44.0	69.8	17 100							32.0
34.0													35.4	67.3	15 700	53.3	70.7	13 800b				34.0
36.0													24.3	63.7	14 500	46.1	68.9	12 700				36.0
38.0																37.9	66.6	11 800				38.0
40.0																27.7	63.4	11 000	47.6	67.4	9 400	40.0
42.0																			39.7	65.2	8 700	42.0
44.0																			30.0	62.3	8 100	44.0

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

Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib 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	67.8	79.7	38 100*b																			13.7
14.0	67.0	79.6	37 900*b																			14.0
16.0	61.8	78.6	36 100*b																			16.0
18.0	56.2	77.3	34 700*	61.5	78.4	42 700*b																18.0
20.0	50.3	75.8	32 700*	56.0	77.2	38 900	63.8	78.6	37 100b													20.0
22.0	43.8	73.9	29 300*	50.0	75.6	34 900	58.4	77.4	32 800b	66.0	78.5	30 900b										22.0
24.0	36.3	71.4	26 700*	43.5	73.7	31 200	52.6	76.0	29 300	60.7	77.5	27 500										24.0
26.0	27.2	68.1	24 700*	36.0	71.2	28 100	46.4	74.2	26 500	55.1	76.2	24 800										26.0
28.0				26.7	67.8	25 600	39.3	72.0	24 100	49.1	74.6	22 600										28.0
30.0							31.0	69.1	22 000	42.4	72.5	20 600	57.0	75.5	18 300							30.0
32.0							19.6	64.6	20 100	34.7	70.0	18 900	51.1	74.0	16 800							32.0
34.0										25.0	66.3	17 400	44.7	72.2	15 500							34.0
36.0													37.4	69.8	14 300	52.8	73.0	12 500				36.0
38.0													28.5	66.6	13 200	46.5	71.2	11 500				38.0
40.0																39.5	69.0	10 700				40.0
42.0																31.2	66.1	9 900	47.8	69.7	8 500	42.0
44.0																19.9	61.7	9 200	41.0	67.6	7 900	44.0
46.0																			33.0	64.9	7 300	46.0
48.0																			22.6	60.9	6 800	48.0

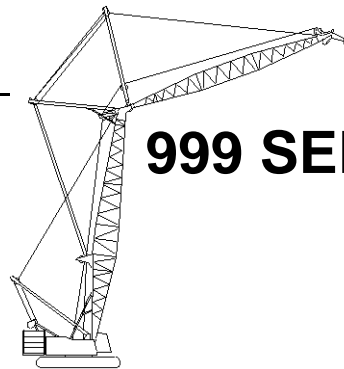


Liftcrane Luffing Jib Capacities

999 SERIES 2

Luffing Jib No. 149 With
Jib Backstay Pendants On
Boom No. 82
83 730 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



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

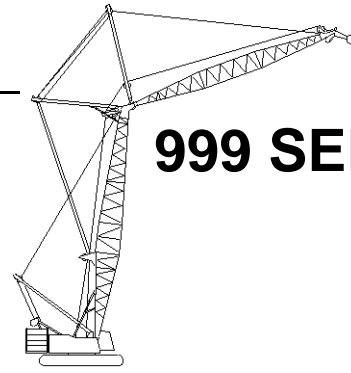
Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib 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	70.4	83.0	35 600*b																			13.7
14.0	69.7	82.9	35 300*b																			14.0
16.0	65.2	82.0	33 700*b																			16.0
18.0	60.4	81.0	32 600*	65.0	81.9	40 200*b																18.0
20.0	55.5	79.7	31 400*	60.2	80.8	37 500*	66.9	81.9	37 000b													20.0
22.0	50.2	78.1	28 400*	55.2	79.5	34 100*	62.3	81.0	32 700b													22.0
24.0	44.4	76.2	25 700*	49.9	77.9	30 900*	57.4	79.8	29 200	64.2	80.9	27 400										24.0
26.0	37.9	73.8	23 400*	44.1	76.0	28 000	52.2	78.3	26 400	59.5	79.8	24 700										26.0
28.0	30.3	70.8	21 600*	37.6	73.6	25 500	46.7	76.5	23 900	54.4	78.5	22 400										28.0
30.0	20.2	66.4	20 500*	30.0	70.5	23 300	40.5	74.4	21 900	49.1	76.9	20 500										30.0
32.0				19.7	66.0	21 400	33.4	71.6	20 100	43.2	74.9	18 800	56.1	77.9	16 600							32.0
34.0							24.6	67.9	18 500	36.5	72.4	17 300	50.9	76.3	15 300							34.0
36.0										28.6	69.2	16 000	45.2	74.5	14 200							36.0
38.0										17.6	64.3	14 800	38.8	72.2	13 100	52.4	75.3	11 400				38.0
40.0													31.4	69.3	12 200	46.8	73.5	10 600				40.0
42.0													21.8	65.1	11 300	40.7	71.4	9 800				42.0
44.0																33.6	68.7	9 100	47.9	72.0	7 700	44.0
46.0																24.8	65.0	8 500	41.9	70.0	7 100	46.0
48.0																			35.1	67.4	6 600	48.0
50.0																			26.8	63.9	6 100	50.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 149 With
Jib Backstay Pendants On
Boom No. 82
83 730 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



999 SERIES 2

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

Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	
13.7	72.4	86.2	33 200*b																			13.7
14.0	71.8	86.1	33 000*b																			14.0
16.0	67.8	85.4	31 800*b																			16.0
18.0	63.7	84.4	30 500*	67.6	85.2	37 600*b																18.0
20.0	59.4	83.3	29 000*	63.5	84.3	36 100*	69.4	85.2	36 700b													20.0
22.0	54.8	82.0	27 700*	59.2	83.1	33 000*	65.3	84.4	32 400													22.0
24.0	50.0	80.4	25 000*	54.6	81.8	30 100*	61.0	83.3	29 000													24.0
26.0	44.9	78.5	22 800*	49.8	80.2	27 400*	56.6	82.1	26 100	62.8	83.3	24 400										26.0
28.0	39.2	76.2	20 800*	44.6	78.3	25 000*	51.9	80.6	23 800	58.5	82.2	22 200										28.0
30.0	32.7	73.4	19 200*	38.9	76.0	22 900*	46.9	78.8	21 700	53.9	80.8	20 200										30.0
32.0	24.6	69.6	18 100*	32.3	73.1	21 000*	41.4	76.7	19 900	49.1	79.2	18 600	59.9	81.5	16 300							32.0
34.0				24.2	69.3	19 600	35.3	74.1	18 400	43.8	77.2	17 100	55.4	80.2	15 000							34.0
36.0							28.0	70.8	17 000	38.0	74.8	15 800	50.7	78.6	13 900							36.0
38.0							18.0	65.9	15 700	31.2	71.9	14 700	45.6	76.8	12 800							38.0
40.0										22.7	67.8	13 600	40.0	74.6	11 900	52.0	77.6	10 200				40.0
42.0													33.6	71.8	11 100	47.0	75.8	9 500				42.0
44.0													25.8	68.2	10 400	41.6	73.7	8 900				44.0
46.0																35.4	71.2	8 300	48.1	74.3	6 800	46.0
48.0																28.1	67.8	7 700	42.7	72.3	6 300	48.0
50.0																18.3	63.0	7 100	36.7	69.8	5 900	50.0
52.0																			29.7	66.7	5 500	52.0
54.0																			20.6	62.3	5 100	54.0

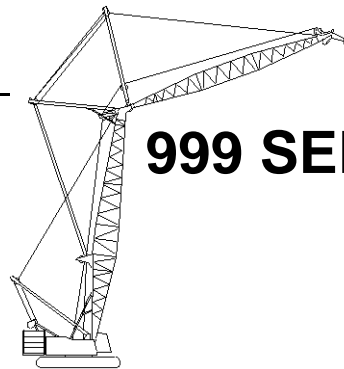


Liftcrane Luffing Jib Capacities

999 SERIES 2

Luffing Jib No. 149 With
Jib Backstay Pendants On
Boom No. 82
83 730 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



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

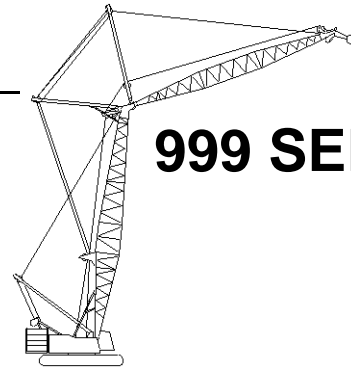
Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib 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	89.4	30 900*b																			13.7
14.0	73.5	89.3	30 700*b																			14.0
16.0	69.9	88.6	29 600*b																			16.0
18.0	66.2	87.8	28 400*	69.8	88.5	35 200*																18.0
20.0	62.4	86.8	27 100*	66.1	87.7	34 000*																20.0
22.0	58.5	85.7	26 400*	62.2	86.7	31 800*	67.7	87.7	32 400													22.0
24.0	54.3	84.3	24 300*	58.3	85.5	29 100*	63.9	86.8	28 900													24.0
26.0	49.9	82.7	22 000*	54.1	84.1	26 600*	60.0	85.7	26 100	65.5	86.7	24 300										26.0
28.0	45.3	80.8	20 200*	49.7	82.5	24 400*	55.9	84.4	23 700	61.6	85.7	22 100										28.0
30.0	40.2	78.6	18 500*	45.1	80.6	22 300*	51.7	82.9	21 600	57.6	84.5	20 200										30.0
32.0	34.4	75.9	17 100*	39.9	78.4	20 500*	47.1	81.2	19 900	53.5	83.1	18 500	62.9	85.0	16 200							32.0
34.0	27.7	72.5	16 000*	34.2	75.7	18 800*	42.2	79.1	18 300	49.0	81.5	17 000	59.0	83.8	14 900							34.0
36.0	18.7	67.7	15 300*	27.3	72.2	17 500*	36.7	76.6	17 000	44.3	79.5	15 800	54.9	82.5	13 800							36.0
38.0				18.3	67.3	16 600*	30.4	73.5	15 700	39.1	77.2	14 700	50.5	80.9	12 800							38.0
40.0							22.6	69.4	14 700	33.2	74.4	13 600	45.9	79.1	11 900	56.0	81.4	10 200				40.0
42.0										26.1	70.8	12 700	40.9	76.9	11 000	51.7	79.9	9 400				42.0
44.0										16.4	65.5	11 800	35.2	74.3	10 300	47.2	78.1	8 800				44.0
46.0													28.6	71.0	9 700	42.3	76.1	8 200				46.0
48.0													20.1	66.5	9 000	36.8	73.6	7 600	48.1	76.6	6 300	48.0
50.0																30.6	70.5	7 100	43.3	74.6	5 800	50.0
52.0																22.8	66.4	6 600	38.0	72.2	5 400	52.0
54.0																			31.9	69.3	5 000	54.0
56.0																			24.5	65.5	4 700	56.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 149 With
Jib Backstay Pendants On
Boom No. 82
83 730 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



999 SERIES 2

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

Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	
13.7	75.4	92.6	28 800*b																			13.7
14.0	75.0	92.5	28 600*b																			14.0
16.0	71.7	91.9	27 500*b																			16.0
18.0	68.3	91.1	26 700*	71.5	91.7	32 800*																18.0
20.0	64.9	90.2	25 400*	68.2	91.0	31 900*																20.0
22.0	61.4	89.2	24 800*	64.7	90.1	30 500*	69.6	91.0	31 700													22.0
24.0	57.7	88.0	23 400*	61.2	89.0	28 100*	66.2	90.2	28 800													24.0
26.0	53.9	86.6	21 400*	57.5	87.8	25 800*	62.7	89.2	25 900	67.6	90.1	24 100										26.0
28.0	49.9	85.0	19 600*	53.7	86.4	23 700*	59.1	88.0	23 400	64.2	89.2	21 800										28.0
30.0	45.6	83.1	18 100*	49.7	84.8	21 800*	55.4	86.7	21 400	60.6	88.1	19 900										30.0
32.0	41.0	81.0	16 600*	45.4	82.9	20 000*	51.4	85.2	19 600	57.0	86.8	18 300										32.0
34.0	35.9	78.4	15 300*	40.8	80.7	18 400*	47.3	83.5	18 100	53.1	85.4	16 800	61.8	87.4	14 700							34.0
36.0	30.0	75.2	14 300*	35.6	78.1	17 000*	42.8	81.4	16 800	49.0	83.8	15 500	58.2	86.2	13 500							36.0
38.0	22.8	71.1	13 600*	29.7	74.9	15 800*	37.9	79.0	15 600	44.7	81.8	14 400	54.4	84.8	12 500							38.0
40.0				22.4	70.7	14 900*	32.4	76.1	14 500	40.0	79.6	13 400	50.4	83.2	11 600							40.0
42.0							25.8	72.4	13 500	34.8	76.9	12 500	46.2	81.4	10 800	55.5	83.7	9 200				42.0
44.0							16.9	67.1	12 600	28.7	73.6	11 700	41.6	79.3	10 100	51.5	82.2	8 500				44.0
46.0										21.1	69.2	10 900	36.6	76.8	9 400	47.4	80.4	7 900				46.0
48.0													30.8	73.7	8 800	42.9	78.4	7 400				48.0
50.0													23.8	69.7	8 200	38.0	76.0	6 900	48.2	78.9	5 500	50.0
52.0																32.5	73.1	6 400	43.8	77.0	5 100	52.0
54.0																25.9	69.4	6 000	39.0	74.6	4 800	54.0
56.0																17.1	64.2	5 600	33.6	71.9	4 400	56.0
58.0																			27.4	68.4	4 100	58.0
60.0																			19.2	63.6	3 800	60.0

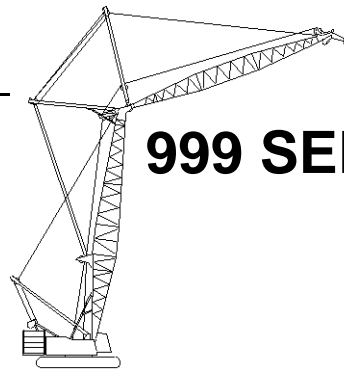


Liftcrane Luffing Jib Capacities

999 SERIES 2

Luffing Jib No. 149 With
Jib Backstay Pendants On
Boom No. 82
83 730 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



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

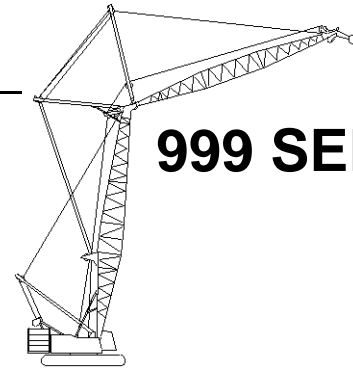
Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib 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	95.3	26 100*b																			15.2
16.0	73.1	95.1	25 800*b																			16.0
18.0	70.1	94.4	25 100*																			18.0
20.0	67.0	93.6	24 200*	69.9	94.3	29 900*																20.0
22.0	63.8	92.7	23 000*	66.8	93.4	28 900*																22.0
24.0	60.5	91.6	22 400*	63.6	92.5	27 100*	68.2	93.5	28 400													24.0
26.0	57.1	90.3	20 800*	60.3	91.4	25 000*	65.0	92.6	25 700													26.0
28.0	53.5	88.9	19 100*	56.9	90.1	23 100*	61.7	91.6	23 300	66.3	92.5	21 600										28.0
30.0	49.8	87.3	17 600*	53.4	88.7	21 300*	58.4	90.4	21 200	63.1	91.6	19 700										30.0
32.0	45.9	85.5	16 200*	49.6	87.1	19 600*	54.9	89.0	19 500	59.8	90.4	18 100										32.0
34.0	41.6	83.3	15 000*	45.7	85.2	18 100*	51.2	87.5	18 000	56.4	89.2	16 600										34.0
36.0	37.0	80.8	13 900*	41.4	83.1	16 700*	47.4	85.8	16 600	52.8	87.7	15 400	60.9	89.7	13 300							36.0
38.0	31.8	77.8	13 000*	36.8	80.6	15 500*	43.3	83.7	15 400	49.0	86.1	14 200	57.5	88.5	12 300							38.0
40.0	25.7	74.1	12 300*	31.6	77.6	14 400*	38.8	81.4	14 400	45.0	84.2	13 200	54.0	87.1	11 400							40.0
42.0	17.7	68.9	11 800*	25.4	73.8	13 500*	33.9	78.6	13 400	40.8	82.0	12 400	50.3	85.5	10 600							42.0
44.0				17.2	68.5	13 000*	28.2	75.2	12 500	36.0	79.4	11 500	46.4	83.7	9 900	55.0	86.0	8 300				44.0
46.0							21.1	70.8	11 700	30.7	76.3	10 800	42.2	81.6	9 200	51.3	84.5	7 700				46.0
48.0										24.3	72.3	10 100	37.6	79.2	8 600	47.5	82.7	7 200				48.0
50.0										15.6	66.7	9 400	32.5	76.3	8 100	43.4	80.7	6 700				50.0
52.0													26.6	72.7	7 500	38.9	78.4	6 200	48.3	81.2	4 900	52.0
54.0													18.9	67.8	7 100	34.0	75.6	5 800	44.2	79.3	4 600	54.0
56.0																28.3	72.3	5 400	39.9	77.0	4 200	56.0
58.0																21.3	67.8	5 000	35.0	74.3	3 900	58.0
60.0																			29.5	71.1	3 600	60.0
62.0																			22.8	66.9	3 300	62.0
64.0																			13.2	60.6	3 000	64.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 149 With
Jib Backstay Pendants On
Boom No. 82
83 730 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



999 SERIES 2

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

Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. m
	Jib Point Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Point Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Point Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Point Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Point Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Point Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
15.2	75.4	98.5	24 300*																15.2
16.0	74.4	98.3	24 200*																16.0
18.0	71.6	97.6	23 300*																18.0
20.0	68.7	96.9	22 800*	71.4	97.5	27 800*													20.0
22.0	65.8	96.0	22 000*	68.6	96.7	27 200*													22.0
24.0	62.8	95.1	21 300*	65.6	95.9	25 900*													24.0
26.0	59.7	93.9	20 200*	62.6	94.9	24 100*	66.9	96.0	25 500										26.0
28.0	56.5	92.7	18 600*	59.6	93.8	22 400*	63.9	95.0	23 000										28.0
30.0	53.2	91.2	17 100*	56.4	92.5	20 700*	60.9	93.9	21 000	65.2	95.0	19 500							30.0
32.0	49.7	89.6	15 800*	53.1	91.0	19 100*	57.7	92.7	19 300	62.2	93.9	17 800							32.0
34.0	46.1	87.8	14 600*	49.6	89.4	17 700*	54.5	91.4	17 700	59.1	92.8	16 400							34.0
36.0	42.2	85.7	13 600*	45.9	87.6	16 300*	51.1	89.8	16 400	55.9	91.5	15 100							36.0
38.0	38.0	83.2	12 600*	42.0	85.4	15 100*	47.5	88.1	15 200	52.5	90.0	14 000	60.1	92.1	12 100				38.0
40.0	33.3	80.4	11 800*	37.8	83.0	14 100*	43.7	86.1	14 100	49.0	88.4	13 000	56.9	90.8	11 200				40.0
42.0	28.0	77.0	11 100*	33.1	80.1	13 200*	39.6	83.8	13 200	45.3	86.5	12 100	53.6	89.4	10 400				42.0
44.0	21.4	72.5	10 600*	27.7	76.7	12 300*	35.2	81.1	12 300	41.4	84.3	11 300	50.2	87.8	9 600				44.0
46.0				21.1	72.1	11 700*	30.1	77.9	11 500	37.1	81.8	10 600	46.6	86.0	9 000	54.6	88.3	7 400	46.0
48.0							24.1	73.9	10 800	32.3	78.9	9 900	42.7	84.0	8 400	51.2	86.8	6 900	48.0
50.0							16.1	68.3	10 100	26.8	75.3	9 300	38.6	81.6	7 800	47.6	85.0	6 400	50.0
52.0										19.8	70.5	8 700	34.0	78.8	7 300	43.8	83.1	5 900	52.0
54.0													28.7	75.5	6 800	39.7	80.8	5 500	54.0
56.0													22.4	71.2	6 400	35.3	78.1	5 200	56.0
58.0																30.2	75.0	4 800	58.0
60.0																24.3	71.0	4 400	60.0
62.0																16.3	65.4	4 100	62.0

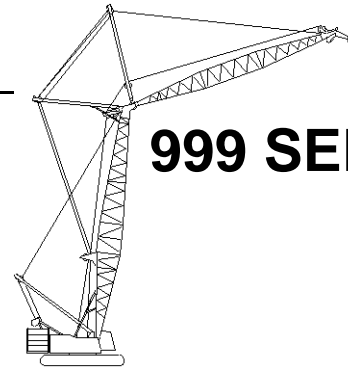


Liftcrane Luffing Jib Capacities

999 SERIES 2

Luffing Jib No. 149 With
Jib Backstay Pendants On
Boom No. 82
83 730 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



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

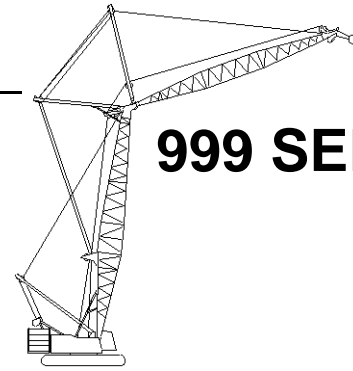
Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib 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	74.4	101.2	22 400*																16.8
18.0	72.8	100.9	22 000*																18.0
20.0	70.2	100.2	21 000*	72.7	100.7	25 800*													20.0
22.0	67.5	99.4	20 700*	70.1	100.0	25 400*													22.0
24.0	64.7	98.5	20 000*	67.4	99.2	24 700*													24.0
26.0	61.9	97.4	19 100*	64.6	98.3	23 300*	68.5	99.3	25 100										26.0
28.0	59.0	96.3	18 200*	61.8	97.3	21 800*	65.8	98.4	23 000										28.0
30.0	56.0	95.0	16 800*	58.9	96.1	20 300*	63.0	97.4	20 900										30.0
32.0	52.9	93.5	15 600*	55.9	94.8	18 800*	60.1	96.3	19 200	64.2	97.4	17 700							32.0
34.0	49.7	91.9	14 400*	52.8	93.3	17 500*	57.2	95.1	17 700	61.3	96.3	16 300							34.0
36.0	46.3	90.1	13 400*	49.5	91.7	16 200*	54.1	93.7	16 300	58.4	95.1	15 100							36.0
38.0	42.7	88.0	12 400*	46.1	89.9	15 000*	51.0	92.1	15 200	55.4	93.8	13 900							38.0
40.0	38.8	85.6	11 600*	42.5	87.8	14 000*	47.6	90.4	14 100	52.3	92.3	12 900	59.4	94.5	11 100				40.0
42.0	34.6	82.9	10 800*	38.6	85.4	13 000*	44.1	88.4	13 100	49.0	90.7	12 000	56.4	93.2	10 300				42.0
44.0	29.8	79.7	10 200*	34.4	82.6	12 200*	40.3	86.1	12 200	45.6	88.8	11 200	53.3	91.7	9 500				44.0
46.0	24.2	75.6	9 700*	29.6	79.4	11 400*	36.2	83.6	11 500	41.9	86.7	10 500	50.1	90.1	8 900	57.2	92.0	7 300	46.0
48.0	16.8	70.2	9 500*	23.9	75.3	10 800*	31.7	80.5	10 700	38.0	84.2	9 800	46.7	88.3	8 300	54.2	90.7	6 800	48.0
50.0				16.4	69.7	10 400*	26.5	76.9	10 100	33.7	81.4	9 200	43.2	86.3	7 700	51.0	89.1	6 300	50.0
52.0							20.0	72.1	9 500	28.7	78.0	8 600	39.3	84.0	7 300	47.7	87.4	5 900	52.0
54.0										22.9	73.8	8 100	35.1	81.3	6 800	44.2	85.4	5 500	54.0
56.0										15.0	67.8	7 600	30.4	78.1	6 300	40.4	83.1	5 100	56.0
58.0													25.0	74.2	5 900	36.3	80.6	4 700	58.0
60.0													18.0	69.0	5 600	31.8	77.6	4 400	60.0
62.0																26.6	73.9	4 100	62.0
64.0																20.1	69.2	3 800	64.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 149 With
Jib Backstay Pendants On
Boom No. 82
83 730 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



999 SERIES 2

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

Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	
16.8	75.4	104.4	20 800*																16.8
18.0	73.9	104.0	20 500*																18.0
20.0	71.5	103.4	19 900*																20.0
22.0	69.0	102.7	19 100*	71.4	103.2	23 600*													22.0
24.0	66.4	101.8	18 800*	68.8	102.5	23 200*													24.0
26.0	63.8	100.9	18 000*	66.3	101.7	22 300*	69.9	102.5	23 100*										26.0
28.0	61.2	99.8	17 600*	63.7	100.7	20 900*	67.4	101.7	22 600										28.0
30.0	58.4	98.6	16 300*	61.0	99.6	19 600*	64.8	100.8	20 700										30.0
32.0	55.6	97.3	15 100*	58.3	98.5	18 200*	62.2	99.8	19 000	65.9	100.8	17 500							32.0
34.0	52.7	95.8	14 000*	55.5	97.1	17 000*	59.5	98.7	17 400	63.3	99.8	16 000							34.0
36.0	49.6	94.2	13 000*	52.6	95.6	15 800*	56.7	97.4	16 100	60.6	98.7	14 800							36.0
38.0	46.5	92.4	12 100*	49.5	94.0	14 700*	53.8	96.0	14 900	57.9	97.5	13 700							38.0
40.0	43.1	90.3	11 300*	46.3	92.2	13 600*	50.8	94.4	13 900	55.0	96.1	12 700	61.5	98.0	10 800				40.0
42.0	39.5	88.0	10 600*	42.9	90.1	12 700*	47.7	92.7	12 900	52.1	94.6	11 800	58.8	96.8	10 000				42.0
44.0	35.6	85.4	9 900*	39.3	87.8	11 900*	44.4	90.7	12 000	49.0	93.0	11 000	56.0	95.5	9 300				44.0
46.0	31.3	82.3	9 400*	35.4	85.1	11 100*	40.9	88.5	11 300	45.8	91.1	10 300	53.1	94.1	8 700				46.0
48.0	26.3	78.6	8 900*	31.1	82.0	10 500*	37.1	86.0	10 500	42.4	89.0	9 600	50.1	92.4	8 000	56.8	94.4	6 500	48.0
50.0	20.3	73.8	8 600*	26.1	78.3	9 900*	33.0	83.1	9 900	38.8	86.6	9 000	46.9	90.6	7 500	53.9	93.0	6 100	50.0
52.0				20.0	73.5	9 500*	28.3	79.7	9 300	34.8	83.9	8 400	43.6	88.6	7 000	50.9	91.4	5 600	52.0
54.0							22.8	75.4	8 700	30.4	80.7	7 900	40.0	86.3	6 600	47.8	89.7	5 200	54.0
56.0							15.5	69.5	8 200	25.3	76.8	7 400	36.1	83.7	6 100	44.5	87.7	4 800	56.0
58.0										18.9	71.8	7 000	31.9	80.7	5 700	41.0	85.5	4 500	58.0
60.0													27.0	77.1	5 300	37.2	83.0	4 100	60.0
62.0													21.2	72.6	5 000	33.1	80.1	3 800	62.0
64.0													13.0	65.9	4 600	28.4	76.7	3 500	64.0
66.0																22.9	72.4	3 200	66.0
68.0																15.6	66.6	3 000	68.0

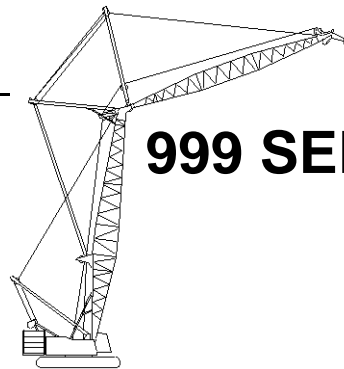


Liftcrane Luffing Jib Capacities

999 SERIES 2

Luffing Jib No. 149 With
Jib Backstay Pendants On
Boom No. 82
83 730 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



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

Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
18.3	74.6	107.1	19 100*													18.3
20.0	72.6	106.6	18 700*													20.0
22.0	70.3	105.9	18 200*	72.5	106.5	21 900*										22.0
24.0	67.9	105.1	17 700*	70.2	105.8	21 700*										24.0
26.0	65.5	104.3	17 200*	67.8	105.0	21 100*										26.0
28.0	63.0	103.3	16 700*	65.4	104.1	20 100*	68.8	105.0	21 300*							28.0
30.0	60.5	102.2	15 900*	62.9	103.1	18 900*	66.4	104.2	20 500							30.0
32.0	57.9	101.0	14 700*	60.4	102.0	17 700*	63.9	103.2	18 800	67.4	104.1	17 300				32.0
34.0	55.2	99.6	13 700*	57.8	100.8	16 600*	61.5	102.2	17 300	65.0	103.2	15 900				34.0
36.0	52.5	98.1	12 800*	55.1	99.4	15 500*	58.9	101.0	15 900	62.5	102.2	14 600				36.0
38.0	49.6	96.5	11 900*	52.3	98.0	14 400*	56.3	99.7	14 700	60.0	101.1	13 500				38.0
40.0	46.6	94.7	11 100*	49.5	96.3	13 500*	53.5	98.3	13 700	57.4	99.8	12 500				40.0
42.0	43.5	92.7	10 400*	46.5	94.5	12 500*	50.7	96.7	12 700	54.7	98.5	11 600	60.8	100.3	9 800	42.0
44.0	40.1	90.4	9 700*	43.3	92.4	11 700*	47.8	95.0	11 900	51.9	96.9	10 800	58.2	99.1	9 100	44.0
46.0	36.5	87.8	9 100*	40.0	90.2	11 000*	44.7	93.0	11 100	49.0	95.3	10 100	55.6	97.8	8 400	46.0
48.0	32.6	84.9	8 600*	36.4	87.6	10 300*	41.4	90.8	10 400	46.0	93.4	9 500	52.8	96.4	7 900	48.0
50.0	28.1	81.4	8 200*	32.4	84.6	9 700*	37.9	88.4	9 700	42.8	91.3	8 800	50.0	94.7	7 300	50.0
52.0	22.9	77.1	7 900*	27.9	81.1	9 200*	34.1	85.6	9 100	39.4	89.0	8 200	47.0	92.9	6 800	52.0
54.0	16.2	71.3	7 700*	22.7	76.8	8 800*	29.9	82.4	8 600	35.8	86.4	7 700	43.9	90.9	6 400	54.0
56.0				15.8	70.9	8 500*	25.0	78.4	8 100	31.7	83.3	7 300	40.6	88.7	5 900	56.0
58.0							19.0	73.4	7 500	27.2	79.7	6 800	37.0	86.2	5 500	58.0
60.0										21.7	75.2	6 400	33.1	83.3	5 200	60.0
62.0										14.5	69.0	6 000	28.8	79.9	4 800	62.0
64.0													23.7	75.7	4 500	64.0
66.0													17.2	70.3	4 100	66.0