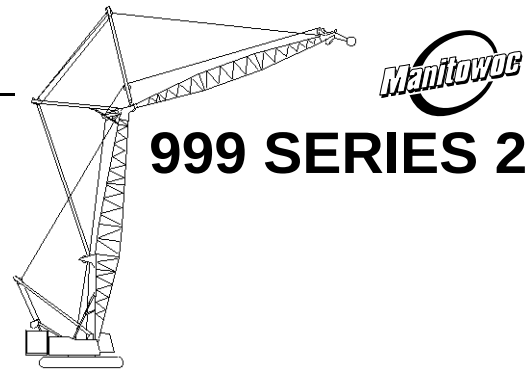




Liftcrane Luffing Jib Capacities

**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**

Maximum Operating Wind Speeds (all boom lengths)

**10 m/s with 21.3m thru 33.5m Luffing Jib
7 m/s with 36.6m thru 61.0m Luffing Jib
5 m/s with 64.0m thru 73.2m Luffing Jib**

LIFTING CAPACITIES: Lifting capacities for various boom lengths, boom angles, luffing jib lengths, and luffing jib operating radii are for freely suspended loads and are calculated to comply with EN 13000, ISO 4305 and include factors based on a 4.0 degree tipping angle. Capacities based on structural competence are denoted by an asterisk (*). Capacities indicated by (b) require 1 770 kg minimum block weight.

Consult Luffing Jib Raising Procedure chart **No. 9270-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, etc., beneath boom, intermediate fall and luffing jib point sheaves, is considered part of luffing jib load. Reeved hoist line included in luffing jib weight. Boom and luffing jib are not to be lowered beyond radii where combined weights are greater than rated capacity. Where no capacity is shown, operation is not intended or approved.

OPERATING CONDITIONS: Machine to operate on a firm uniformly supporting surface with 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. 8405-A** and Luffing Jib Raising Procedure chart **No. 9270-A**. Crane operator judgment must be used to allow for dynamic load effects of swinging, hoisting or lowering, travel, wind conditions, as well as adverse operating conditions and physical machine depreciation. Refer to operators manual for operating guidelines.

WIND CONDITIONS: Machine may be operated in winds stated in Maximum Operating Wind Speed table provided crane operator judgment is used to allow for wind effect on lifted load and other considerations noted on capacity chart are followed. Wind will have a considerable effect on load with a large "sail area" and must be compensated for accordingly by reducing load ratings, reducing operating speeds, or by a combination of both. Wind speed to be measured at luffing jib point elevation. **Operation is not permitted when wind is above conditions stated in Maximum Operating Wind Speed table.** Park crane

(upper inline with crawlers) with load block on ground or secured and position boom at 75 degrees and luffing jib at 55 degrees for luffing jib lengths 21.3m thru 42.7m; position boom at 80 degrees and luffing jib at 60 degrees for luffing jib lengths 45.7m thru 73.2m. Lower boom and luffing jib onto blocking at ground level when wind is above conditions stated in Maximum Parking Wind Speed table.

MACHINE TRAVEL: Machine to travel on a firm, level (not to exceed 13 mm in 3m) and uniformly supporting surface. *Travel with 100 percent of rated load prohibited.* Travel restricted to 90 percent of rated capacity with speed not to exceed 0.4 m/s. Boom and luffing jib must be within angle range shown in capacity chart. Refer to Maximum Allowable Travel Specification chart **No. 8360-C**.

MAX PERMISSIBLE SLEWING SPEED: Slewing operation with working load shall not exceed 0.4 m/s as measured at the operating radius. The amount of time to brake or start slewing a working load shall not be less than 2.5 seconds.

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. 8347-AM** for intermediate fall capacities. Consult chart **No. 8363-AM** for lifting off lower boom point with luffing jib attached. Consult chart **No. 8353-AM** for fixed jib on luffing jib capacities. Chart **No. 8363-AM** cannot be used when fixed jib No. 134 is attached to luffing jib No. 149.



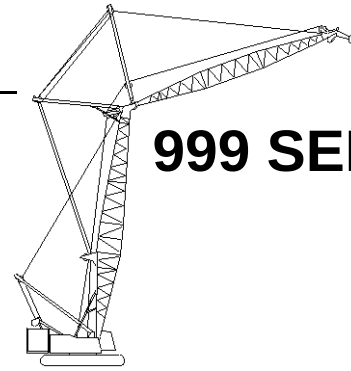
Liftcrane Luffing Jib Capacities

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**

**Maximum Operating Wind Speeds
(all boom lengths)**

10 m/s with 21.3m thru 33.5m Luffing Jib
7 m/s with 36.6m thru 61.0m Luffing Jib
5 m/s with 64.0m thru 73.2m Luffing Jib



Maximum Parking Wind Speeds (all boom lengths)	
Luffing Jib Lengths	Lower To Ground
21.3m - 42.7m	22 m/s
45.7m - 51.8m	18 m/s
54.9m - 61.0m	16 m/s
64.0m - 67.1m	13 m/s
70.1m - 73.2m	11 m/s

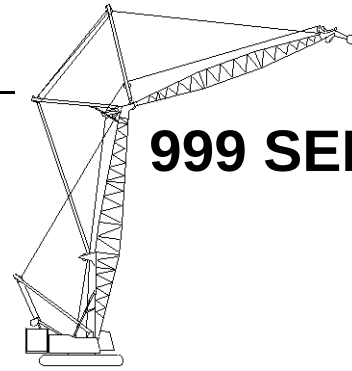
Deduct From Luffing Jib Capacities When Fixed Jib Is Attached	
Fixed Jib Length	Fixed Jib No. 134
9.1m	1 860 kg
12.2m	2 220 kg
15.2m	2 630 kg
18.3m	3 040 kg
21.3m	3 360 kg
24.4m	3 810 kg

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.

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.	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	
11.0	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 200b	66.6	46.0	59 700b													14.0
16.0	53.7	43.8	52 700*	56.5	44.3	53 200	60.6	45.0	51 800b	64.4	45.5	50 700b										16.0
18.0	46.6	42.1	46 200*	49.7	42.8	47 000	54.1	43.7	45 800	58.2	44.3	44 600										18.0
20.0	38.5	39.8	39 900*	42.1	40.8	42 000	47.1	42.0	40 900	51.6	42.9	39 900	58.4	43.8	38 200							20.0
22.0	28.5	36.7	34 700*	33.1	38.1	36 900	39.0	39.7	36 100	44.2	41.0	35 300	51.8	42.4	33 900							22.0
24.0	12.2	30.9	25 100*	20.8	34.0	31 100*	29.2	36.7	32 200	35.7	38.5	31 400	44.5	40.5	30 100	51.8	41.7	28 900				24.0
26.0										24.6	34.9	28 300	36.0	38.1	27 100	44.5	39.8	26 000	51.6	40.8	24 800	26.0
28.0													25.0	34.5	24 600	36.0	37.4	23 500	44.3	38.9	22 500	28.0
30.0																25.1	33.9	21 400	35.7	36.4	20 500	30.0
32.0																			24.7	32.9	18 700	32.0



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**

**Maximum Operating Wind Speeds
(all boom lengths)**

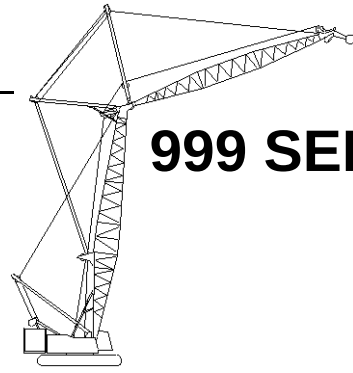
**10 m/s with 21.3m thru 33.5m Luffing Jib
7 m/s with 36.6m thru 61.0m Luffing Jib
5 m/s with 64.0m thru 73.2m Luffing Jib**

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.	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	
11.0	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	59 800b	69.7	49.3	58 400b													14.0
16.0	58.9	47.5	51 600*	61.2	47.9	52 000	64.6	48.5	50 700b													16.0
18.0	53.1	46.1	45 700*	55.6	46.7	46 000	59.2	47.3	44 800	62.6	47.8	43 700										18.0
20.0	46.9	44.4	39 600*	49.6	45.1	41 100	53.5	46.0	40 000	57.1	46.6	39 000										20.0
22.0	40.0	42.2	34 800*	43.0	43.1	36 800	47.3	44.3	36 000	51.3	45.2	35 000	57.3	46.2	33 500							22.0
24.0	31.8	39.3	30 900*	35.5	40.6	32 500*	40.4	42.1	32 000	44.8	43.3	31 200	51.5	44.7	29 800							24.0
26.0	20.8	35.1	26 600*	26.0	37.1	29 000*	32.3	39.3	28 800	37.6	40.9	28 000	45.1	42.8	26 800	51.5	44.0	25 600				26.0
28.0							21.6	35.2	26 000	28.8	37.8	25 400	37.8	40.5	24 300	45.1	42.2	23 200	51.3	43.1	22 200	28.0
30.0										15.8	32.7	23 200	29.1	37.4	22 100	37.9	39.8	21 100	44.9	41.2	20 100	30.0
32.0													16.4	32.4	20 300	29.1	36.7	19 300	37.6	38.9	18 400	32.0
34.0																			28.8	35.7	16 900	34.0
36.0																			16.0	30.6	15 600	36.0

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.	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	
11.0	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 600b																14.0
16.0	62.7	51.0	50 600*	64.7	51.4	50 900	67.6	51.8	49 800b													16.0
18.0	57.8	49.8	45 400*	59.9	50.3	45 000	63.0	50.9	43 900													18.0
20.0	52.7	48.4	39 400*	54.9	49.0	40 300	58.1	49.7	39 200	61.2	50.2	38 200										20.0
22.0	47.2	46.7	34 600*	49.6	47.4	36 300	53.0	48.3	35 400	56.3	49.0	34 400	61.3	49.7	33 000							22.0
24.0	41.1	44.6	30 700*	43.7	45.4	32 300*	47.5	46.6	31 800	51.0	47.5	31 000	56.4	48.5	29 600							24.0
26.0	34.1	41.9	27 500*	37.2	43.0	28 800*	41.4	44.5	28 600	45.3	45.6	27 800	51.2	47.0	26 600	56.4	47.8	25 400				26.0
28.0	25.4	38.3	24 700*	29.4	39.9	26 000*	34.5	41.8	25 900	39.0	43.3	25 200	45.5	45.2	24 100	51.2	46.3	22 900				28.0
30.0	11.7	32.0	18 800*	18.8	35.2	22 600*	26.0	38.3	23 600	31.6	40.4	23 000	39.2	42.9	21 900	45.5	44.5	20 900				30.0
32.0							12.9	32.4	21 300	22.1	36.3	21 100	31.9	40.0	20 100	39.3	42.2	19 100	45.4	43.5	18 100	32.0
34.0													22.5	36.0	18 500	31.9	39.3	17 600	39.1	41.3	16 700	34.0
36.0																22.5	35.3	16 200	31.7	38.4	15 400	36.0
38.0																			22.2	34.3	14 200	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**

**Maximum Operating Wind Speeds
(all boom lengths)**

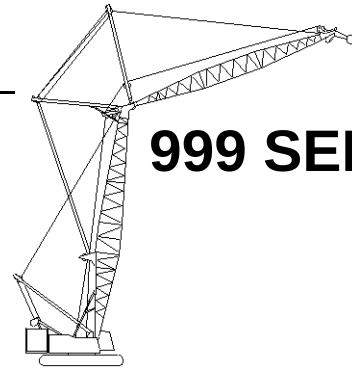
**10 m/s with 21.3m thru 33.5m Luffing Jib
7 m/s with 36.6m thru 61.0m Luffing Jib
5 m/s with 64.0m thru 73.2m Luffing Jib**

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 000b																14.0
16.0	65.6	54.4	49 400*	67.4	54.7	50 100																16.0
18.0	61.4	53.4	44 800*	63.2	53.8	44 300	65.9	54.3	43 100													18.0
20.0	57.0	52.2	39 600*	58.9	52.7	39 600	61.6	53.2	38 500	64.3	53.7	37 500										20.0
22.0	52.3	50.7	34 600*	54.3	51.3	35 800	57.2	52.0	34 700	60.0	52.6	33 800										22.0
24.0	47.4	49.0	30 700*	49.5	49.7	32 300	52.6	50.6	31 600	55.6	51.3	30 700	60.2	52.1	29 300							24.0
26.0	41.9	46.9	27 500*	44.3	47.8	28 800*	47.7	48.9	28 500	50.8	49.8	27 700	55.7	50.8	26 400							26.0
28.0	35.8	44.4	24 800*	38.5	45.4	25 900*	42.3	46.8	25 800	45.7	47.9	25 100	51.0	49.3	23 900	55.7	50.1	22 800				28.0
30.0	28.6	41.1	22 600*	31.9	42.5	23 500*	36.2	44.3	23 500	40.1	45.7	22 900	45.9	47.5	21 800	51.0	48.6	20 700				30.0
32.0	19.0	36.4	19 900*	23.6	38.6	21 400*	29.1	41.1	21 500	33.7	43.0	20 900	40.3	45.3	19 900	45.9	46.8	18 900	50.8	47.7	18 000	32.0
34.0							19.7	36.5	19 700	26.0	39.4	19 300	34.0	42.6	18 300	40.3	44.6	17 400	45.8	45.9	16 500	34.0
36.0										14.8	33.8	17 800	26.3	39.0	16 900	34.0	41.9	16 000	40.2	43.6	15 200	36.0
38.0													15.3	33.5	15 700	26.3	38.3	14 800	33.8	40.9	14 000	38.0
40.0																			26.1	37.3	13 000	40.0
42.0																			15.0	31.8	12 100	42.0

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 500b																14.0
16.0	68.0	57.8	48 200*	69.5	58.0	49 300																16.0
18.0	64.2	56.8	43 900*	65.8	57.2	43 500	68.2	57.6	42 400													18.0
20.0	60.3	55.8	39 500*	62.0	56.2	38 900	64.4	56.7	37 900	66.8	57.0	36 900										20.0
22.0	56.3	54.5	34 500*	58.0	55.0	35 200	60.6	55.6	34 200	63.0	56.1	33 200										22.0
24.0	52.0	53.0	30 600*	53.9	53.6	32 000	56.5	54.4	31 100	59.1	54.9	30 200										24.0
26.0	47.5	51.3	27 400*	49.5	52.0	28 700*	52.3	52.9	28 400	55.0	53.6	27 600	59.2	54.5	26 300							26.0
28.0	42.6	49.2	24 700*	44.7	50.1	25 700*	47.8	51.2	25 700	50.6	52.1	25 000	55.1	53.1	23 800							28.0
30.0	37.2	46.8	22 400*	39.6	47.8	23 300*	42.9	49.1	23 400	46.0	50.2	22 700	50.8	51.6	21 600	55.1	52.4	20 600				30.0
32.0	31.0	43.8	20 500*	33.8	45.1	21 300*	37.5	46.7	21 500	41.0	48.1	20 800	46.2	49.8	19 800	50.8	50.9	18 800				32.0
34.0	23.3	39.8	18 700*	26.9	41.6	19 500*	31.4	43.7	19 700	35.4	45.5	19 200	41.2	47.6	18 200	46.2	49.1	17 200	50.7	50.0	16 400	34.0
36.0	11.4	33.1	14 700*	17.5	36.5	17 300*	23.9	39.8	18 200	28.8	42.2	17 700	35.6	45.0	16 800	41.2	46.9	15 900	46.1	48.2	15 000	36.0
38.0							12.5	33.5	16 400	20.4	37.7	16 400	29.0	41.8	15 600	35.6	44.4	14 700	41.0	46.0	13 900	38.0
40.0													20.7	37.3	14 400	29.1	41.1	13 600	35.4	43.4	12 900	40.0
42.0																20.8	36.7	12 700	28.9	40.1	12 000	42.0
44.0																			20.5	35.6	11 200	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**

**Maximum Operating Wind Speeds
(all boom lengths)**

**10 m/s with 21.3m thru 33.5m Luffing Jib
7 m/s with 36.6m thru 61.0m Luffing Jib
5 m/s with 64.0m thru 73.2m Luffing Jib**

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.	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	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	48 200																16.0
18.0	66.5	60.2	42 800*	68.0	60.5	42 600																18.0
20.0	63.0	59.2	38 800	64.5	59.6	38 100	66.7	60.0	37 100													20.0
22.0	59.4	58.1	34 400*	61.0	58.6	34 400	63.2	59.1	33 400	65.4	59.5	32 500										22.0
24.0	55.7	56.8	30 300*	57.3	57.3	31 300	59.6	58.0	30 400	61.9	58.5	29 500										24.0
26.0	51.8	55.3	27 100*	53.5	55.9	28 400*	55.9	56.7	27 800	58.3	57.3	27 000	62.0	58.0	25 700							26.0
28.0	47.6	53.6	24 400*	49.4	54.3	25 500*	52.0	55.2	25 400	54.5	55.9	24 700	58.4	56.8	23 500							28.0
30.0	43.2	51.6	22 100*	45.1	52.4	23 100*	47.9	53.5	23 100	50.5	54.4	22 400	54.6	55.5	21 300							30.0
32.0	38.3	49.2	20 200*	40.4	50.2	21 000*	43.5	51.5	21 100	46.3	52.5	20 500	50.6	53.9	19 500	54.6	54.8	18 500				32.0
34.0	32.9	46.3	18 500*	35.3	47.6	19 100*	38.6	49.1	19 400	41.7	50.4	18 900	46.4	52.1	17 900	50.7	53.2	16 900				34.0
36.0	26.4	42.7	17 000*	29.3	44.3	17 600*	33.2	46.3	18 000	36.7	47.9	17 400	41.9	50.0	16 500	46.4	51.4	15 600	50.5	52.3	14 700	36.0
38.0	17.8	37.7	15 100*	21.9	40.0	16 300*	26.8	42.7	16 700	31.0	44.9	16 100	36.9	47.5	15 200	41.9	49.3	14 400	46.3	50.5	13 600	38.0
40.0							18.4	37.8	15 400	24.0	40.9	15 000	31.2	44.4	14 100	36.9	46.8	13 300	41.8	48.4	12 500	40.0
42.0										14.1	34.9	14 000	24.3	40.5	13 200	31.2	43.8	12 400	36.7	45.9	11 600	42.0
44.0													14.5	34.7	12 300	24.3	39.9	11 600	31.0	42.8	10 800	44.0
46.0																			24.1	38.9	10 100	46.0
48.0																			14.2	32.9	9 500	48.0



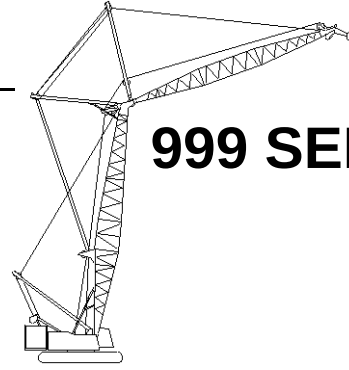
Liftcrane Luffing Jib Capacities

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**

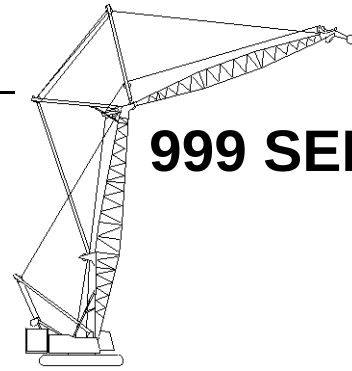
**Maximum Operating Wind Speeds
(all boom lengths)**

10 m/s with 21.3m thru 33.5m Luffing Jib
7 m/s with 36.6m thru 61.0m Luffing Jib
5 m/s with 64.0m thru 73.2m Luffing Jib



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.	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	75.0	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	47 100																16.0
18.0	68.4	63.5	41 800*	69.7	63.8	42 000																18.0
20.0	65.3	62.7	38 300	66.6	63.0	37 600	68.6	63.4	36 600													20.0
22.0	62.0	61.6	34 400	63.4	62.0	34 000	65.4	62.5	33 000													22.0
24.0	58.7	60.5	30 500*	60.1	60.9	30 900	62.2	61.5	30 000	64.3	61.9	29 200										24.0
26.0	55.2	59.1	27 200*	56.7	59.7	28 300	58.9	60.3	27 400	61.0	60.8	26 600										26.0
28.0	51.6	57.6	24 500*	53.1	58.2	25 600*	55.4	59.0	25 200	57.6	59.6	24 500	61.1	60.4	23 200							28.0
30.0	47.7	55.9	22 200*	49.4	56.6	23 100*	51.8	57.5	23 100	54.1	58.2	22 400	57.7	59.1	21 300							30.0
32.0	43.7	53.9	20 200*	45.4	54.7	21 000*	48.0	55.8	21 100	50.4	56.7	20 500	54.2	57.8	19 400	57.7	58.5	18 400				32.0
34.0	39.2	51.6	18 500*	41.2	52.5	19 100*	43.9	53.8	19 400	46.5	54.8	18 800	50.5	56.2	17 800	54.2	57.1	16 800				34.0
36.0	34.3	48.9	17 000*	36.5	50.0	17 600*	39.5	51.5	17 900	42.3	52.8	17 300	46.6	54.4	16 400	50.5	55.5	15 500				36.0
38.0	28.7	45.5	15 700*	31.2	47.0	16 200*	34.6	48.8	16 600	37.8	50.3	16 100	42.5	52.3	15 200	46.6	53.7	14 300				38.0
40.0	21.8	41.2	14 400*	25.0	43.1	15 000*	29.1	45.5	15 400	32.7	47.4	14 900	37.9	49.9	14 000	42.5	51.6	13 200	46.5	52.8	12 500	40.0
42.0	11.2	34.2	11 500*	16.6	37.7	13 400*	22.2	41.2	14 400	26.7	43.9	13 900	32.8	47.0	13 100	37.9	49.2	12 300	42.3	50.7	11 500	42.0
44.0							12.1	34.5	12 800	19.1	39.0	13 000	26.9	43.5	12 200	32.9	46.3	11 500	37.8	48.3	10 700	44.0
46.0													19.4	38.7	11 400	27.0	42.8	10 700	32.7	45.4	10 000	46.0
48.0																19.5	38.0	10 000	26.8	41.8	9 300	48.0
50.0																			19.2	37.0	8 700	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**

**Maximum Operating Wind Speeds
(all boom lengths)**

**10 m/s with 21.3m thru 33.5m Luffing Jib
7 m/s with 36.6m thru 61.0m Luffing Jib
5 m/s with 64.0m thru 73.2m Luffing Jib**

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.	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	
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	41 100																18.0
20.0	67.1	66.0	37 500	68.4	66.3	36 800	70.2	66.6	35 800													20.0
22.0	64.2	65.1	33 900	65.4	65.4	33 200	67.3	65.8	32 300													22.0
24.0	61.1	64.0	30 300*	62.4	64.4	30 200	64.4	64.9	29 300	66.2	65.3	28 500										24.0
26.0	58.0	62.8	26 900*	59.4	63.3	27 600	61.3	63.9	26 800	63.2	64.3	26 000										26.0
28.0	54.8	61.5	24 200*	56.2	62.0	25 300	58.2	62.7	24 600	60.2	63.2	23 900										28.0
30.0	51.4	59.9	21 900*	52.8	60.5	22 800*	55.0	61.3	22 700	57.0	62.0	22 000	60.3	62.7	20 900							30.0
32.0	47.8	58.2	19 900*	49.4	58.9	20 700*	51.6	59.8	20 900	53.7	60.5	20 200	57.1	61.5	19 100							32.0
34.0	44.1	56.2	18 200*	45.7	57.0	18 900*	48.0	58.1	19 100	50.3	59.0	18 500	53.8	60.1	17 500	57.1	60.8	16 500				34.0
36.0	40.0	54.0	16 700*	41.8	54.9	17 300*	44.3	56.1	17 600	46.7	57.2	17 000	50.4	58.5	16 100	53.8	59.4	15 200				36.0
38.0	35.6	51.3	15 300*	37.5	52.4	15 900*	40.2	53.9	16 300	42.8	55.1	15 700	46.8	56.7	14 800	50.4	57.8	14 000				38.0
40.0	30.6	48.2	14 200*	32.8	49.5	14 700*	35.8	51.3	15 100	38.7	52.7	14 600	42.9	54.6	13 800	46.8	56.0	12 900	50.3	56.9	12 100	40.0
42.0	24.7	44.3	13 200*	27.3	46.0	13 600*	30.9	48.2	14 100	34.1	50.0	13 600	38.8	52.3	12 800	43.0	54.0	12 000	46.7	55.1	11 200	42.0
44.0	16.9	38.9	11 800*	20.6	41.4	12 600*	25.1	44.3	13 100	28.8	46.6	12 600	34.2	49.5	11 900	38.8	51.6	11 100	42.9	53.0	10 400	44.0
46.0							17.5	39.0	12 200	22.5	42.4	11 800	29.0	46.2	11 100	34.3	48.9	10 400	38.7	50.7	9 700	46.0
48.0										13.6	36.0	11 100	22.8	42.0	10 400	29.1	45.5	9 700	34.1	47.9	9 000	48.0
50.0													14.0	35.8	9 700	22.8	41.3	9 000	28.9	44.6	8 400	50.0
52.0																			22.6	40.3	7 800	52.0
54.0																			13.7	34.0	7 400	54.0



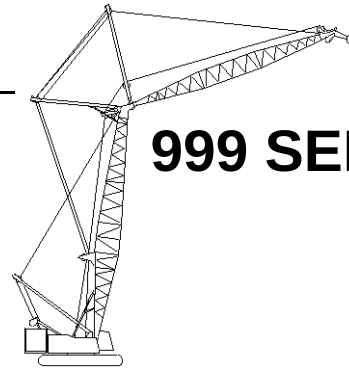
Liftcrane Luffing Jib Capacities

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**

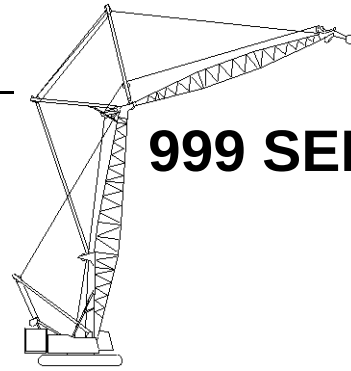
**Maximum Operating Wind Speeds
(all boom lengths)**

10 m/s with 21.3m thru 33.5m Luffing Jib
7 m/s with 36.6m thru 61.0m Luffing Jib
5 m/s with 64.0m thru 73.2m Luffing Jib



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	36 200																20.0
22.0	66.0	68.4	33 400	67.2	68.8	32 700	68.9	69.1	31 800													22.0
24.0	63.2	67.5	30 100	64.4	67.8	29 700	66.2	68.3	28 800													24.0
26.0	60.4	66.4	26 800*	61.6	66.8	27 200	63.4	67.3	26 400	65.2	67.7	25 600										26.0
28.0	57.4	65.2	24 100*	58.7	65.6	25 000	60.5	66.2	24 200	62.3	66.7	23 500										28.0
30.0	54.4	63.8	21 800*	55.7	64.3	22 700*	57.6	65.0	22 400	59.5	65.6	21 600										30.0
32.0	51.2	62.2	19 800*	52.6	62.8	20 600*	54.6	63.6	20 700	56.5	64.3	20 000	59.6	65.1	18 900							32.0
34.0	47.9	60.5	18 000*	49.3	61.2	18 700*	51.4	62.1	19 000	53.4	62.9	18 400	56.6	63.8	17 400							34.0
36.0	44.4	58.5	16 500*	45.9	59.3	17 100*	48.1	60.4	17 500	50.2	61.3	16 900	53.5	62.4	16 000	56.6	63.1	15 000				36.0
38.0	40.7	56.3	15 200*	42.3	57.2	15 800*	44.6	58.4	16 200	46.8	59.5	15 600	50.3	60.8	14 700	53.5	61.7	13 800				38.0
40.0	36.6	53.8	14 000*	38.4	54.8	14 500*	40.9	56.2	15 000	43.3	57.4	14 500	46.9	59.0	13 600	50.3	60.1	12 800				40.0
42.0	32.1	50.8	13 000*	34.1	52.1	13 400*	36.8	53.7	13 900	39.4	55.1	13 400	43.4	57.0	12 600	47.0	58.3	11 800	50.2	59.2	11 100	42.0
44.0	26.9	47.2	12 100*	29.2	48.7	12 400*	32.4	50.8	13 000	35.2	52.4	12 500	39.6	54.7	11 700	43.4	56.3	11 000	46.9	57.4	10 200	44.0
46.0	20.6	42.5	11 200*	23.5	44.6	11 600*	27.3	47.2	12 100	30.6	49.3	11 700	35.4	52.0	11 000	39.6	54.0	10 200	43.3	55.4	9 500	46.0
48.0	11.1	35.3	8 900*	15.8	38.9	10 500*	21.0	42.6	11 300*	25.1	45.4	10 900	30.7	48.9	10 200	35.4	51.3	9 500	39.5	53.0	8 800	48.0
50.0							11.9	35.6	10 000*	18.2	40.3	10 200	25.3	45.0	9 600	30.8	48.2	8 900	35.3	50.4	8 200	50.0
52.0													18.4	39.9	9 000	25.3	44.4	8 300	30.6	47.2	7 700	52.0
54.0																18.5	39.3	7 800	25.2	43.4	7 200	54.0
56.0																			18.2	38.2	6 700	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**

**Maximum Operating Wind Speeds
(all boom lengths)**

**10 m/s with 21.3m thru 33.5m Luffing Jib
7 m/s with 36.6m thru 61.0m Luffing Jib
5 m/s with 64.0m thru 73.2m Luffing Jib**

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.	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	
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	35 500																20.0
22.0	67.6	71.8	32 800	68.7	72.1	32 000																22.0
24.0	65.0	70.9	29 700	66.1	71.2	29 100	67.8	71.6	28 200													24.0
26.0	62.4	69.9	26 600*	63.5	70.2	26 600	65.2	70.7	25 800	66.8	71.1	24 900										26.0
28.0	59.7	68.7	23 800*	60.9	69.2	24 400	62.6	69.7	23 600	64.2	70.1	22 900										28.0
30.0	56.9	67.5	21 500*	58.1	68.0	22 400	59.9	68.6	21 800	61.6	69.1	21 100										30.0
32.0	54.1	66.1	19 500*	55.3	66.6	20 300*	57.1	67.3	20 200	58.8	67.9	19 500	61.7	68.6	18 400							32.0
34.0	51.1	64.5	17 800*	52.4	65.1	18 500*	54.2	65.9	18 700	56.0	66.6	18 100	58.9	67.4	17 000							34.0
36.0	48.0	62.8	16 300*	49.3	63.5	16 900*	51.3	64.4	17 200	53.1	65.2	16 600	56.1	66.1	15 700							36.0
38.0	44.7	60.9	14 900*	46.1	61.6	15 500*	48.2	62.7	15 900	50.1	63.6	15 300	53.2	64.7	14 400							38.0
40.0	41.2	58.7	13 700*	42.7	59.6	14 200*	44.9	60.7	14 700	47.0	61.8	14 200	50.2	63.1	13 300	53.3	64.0	12 500				40.0
42.0	37.5	56.2	12 700*	39.1	57.2	13 100*	41.4	58.6	13 700	43.6	59.7	13 100	47.1	61.3	12 300	50.2	62.4	11 500				42.0
44.0	33.4	53.3	11 700*	35.2	54.5	12 200*	37.7	56.1	12 700	40.1	57.5	12 200	43.7	59.3	11 400	47.1	60.6	10 600	50.2	61.5	9 900	44.0
46.0	28.8	50.0	10 900*	30.8	51.4	11 300*	33.6	53.3	11 800*	36.2	54.9	11 400	40.2	57.0	10 600	43.8	58.6	9 900	47.0	59.7	9 200	46.0
48.0	23.3	45.8	10 200*	25.8	47.6	10 500*	29.1	49.9	10 900*	32.0	51.9	10 700	36.4	54.5	9 900	40.2	56.4	9 200	43.7	57.7	8 500	48.0
50.0	16.2	40.1	9 100*	19.5	42.7	9 800*	23.7	45.8	10 200*	27.2	48.3	10 000	32.1	51.5	9 300	36.4	53.8	8 600	40.1	55.4	7 900	50.0
52.0							16.7	40.2	9 500*	21.3	43.8	9 300	27.3	47.9	8 700	32.2	50.8	8 000	36.3	52.8	7 300	52.0
54.0										13.2	37.1	8 800	21.6	43.4	8 100	27.4	47.2	7 500	32.0	49.8	6 900	54.0
56.0													13.6	36.9	7 600	21.6	42.7	7 000	27.2	46.2	6 400	56.0
58.0																			21.4	41.7	6 000	58.0
60.0																			13.3	35.1	5 600	60.0



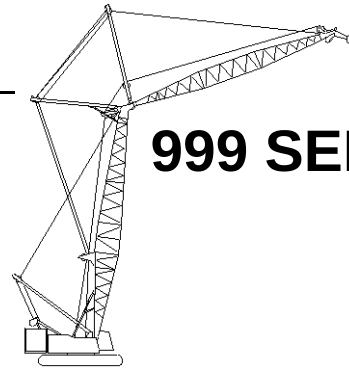
Liftcrane Luffing Jib Capacities

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**

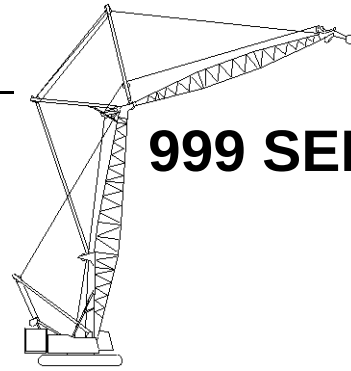
**Maximum Operating Wind Speeds
(all boom lengths)**

**10 m/s with 21.3m thru 33.5m Luffing Jib
7 m/s with 36.6m thru 61.0m Luffing Jib
5 m/s with 64.0m thru 73.2m Luffing Jib**



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	35 000																20.0
22.0	69.0	75.1	31 400	70.0	75.3	31 600																22.0
24.0	66.6	74.2	29 500	67.6	74.5	28 800	69.1	74.9	27 900													24.0
26.0	64.2	73.3	26 800*	65.2	73.6	26 300	66.7	74.1	25 500													26.0
28.0	61.7	72.3	24 000*	62.7	72.6	24 200	64.3	73.1	23 400	65.8	73.5	22 600										28.0
30.0	59.1	71.1	21 600*	60.2	71.5	22 300	61.8	72.1	21 600	63.4	72.5	20 800										30.0
32.0	56.5	69.8	19 600*	57.6	70.3	20 500	59.3	70.9	20 000	60.9	71.5	19 300										32.0
34.0	53.8	68.4	17 800*	54.9	68.9	18 600*	56.6	69.7	18 500	58.3	70.3	17 900	61.0	71.0	16 800							34.0
36.0	51.0	66.8	16 300*	52.2	67.4	16 900*	53.9	68.3	17 200	55.6	68.9	16 600	58.4	69.8	15 600							36.0
38.0	48.0	65.1	15 000*	49.3	65.8	15 500*	51.1	66.7	15 900	52.9	67.5	15 300	55.7	68.5	14 400							38.0
40.0	45.0	63.2	13 800*	46.3	63.9	14 300*	48.2	65.0	14 700	50.1	65.9	14 200	53.0	67.0	13 300	55.7	67.8	12 400				40.0
42.0	41.7	61.0	12 700*	43.1	61.9	13 100*	45.1	63.1	13 700	47.1	64.1	13 100	50.2	65.4	12 300	53.0	66.3	11 500				42.0
44.0	38.2	58.6	11 700*	39.7	59.6	12 100*	41.9	60.9	12 700	44.0	62.1	12 200	47.2	63.6	11 400	50.2	64.7	10 600				44.0
46.0	34.5	55.8	10 900*	36.1	57.0	11 200*	38.5	58.5	11 800	40.7	59.8	11 400	44.1	61.6	10 600	47.2	62.9	9 900	50.1	63.8	9 100	46.0
48.0	30.3	52.6	10 100*	32.1	54.0	10 400*	34.7	55.8	10 900*	37.1	57.3	10 600	40.8	59.4	9 900	44.1	60.9	9 200	47.1	62.0	8 500	48.0
50.0	25.5	48.8	9 400*	27.6	50.4	9 700*	30.5	52.6	10 100*	33.2	54.4	9 900	37.2	56.9	9 200	40.8	58.7	8 500	44.0	60.0	7 800	50.0
52.0	19.6	43.9	8 700*	22.3	46.1	9 000*	25.8	48.8	9 400*	28.9	51.1	9 300	33.3	54.0	8 600	37.2	56.2	7 900	40.7	57.8	7 300	52.0
54.0	11.0	36.3	6 900*	15.3	40.0	8 200*	20.0	44.0	8 800*	23.8	46.9	8 700	29.0	50.7	8 000	33.4	53.3	7 400	37.1	55.3	6 800	54.0
56.0							11.7	36.7	7 800*	17.4	41.5	8 200	24.0	46.6	7 500	29.0	50.0	6 900	33.2	52.4	6 300	56.0
58.0													17.6	41.2	7 100	24.0	45.9	6 500	28.9	49.0	5 900	58.0
60.0																17.7	40.5	6 000	23.9	44.9	5 500	60.0
62.0																			17.5	39.5	5 100	62.0
64.0																			6.3	29.6	4 800	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**

**Maximum Operating Wind Speeds
(all boom lengths)**

**10 m/s with 21.3m thru 33.5m Luffing Jib
7 m/s with 36.6m thru 61.0m Luffing Jib
5 m/s with 64.0m thru 73.2m Luffing Jib**

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.	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	
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	31 200																22.0
24.0	68.0	77.5	27 800*	68.9	77.8	28 200																24.0
26.0	65.7	76.7	26 300	66.7	77.0	25 700	68.1	77.4	24 900													26.0
28.0	63.4	75.7	23 800*	64.4	76.1	23 600	65.8	76.5	22 800	67.3	76.8	22 100										28.0
30.0	61.0	74.6	21 400*	62.0	75.0	21 800	63.5	75.5	21 000	65.0	75.9	20 300										30.0
32.0	58.6	73.4	19 400*	59.6	73.9	20 100	61.1	74.5	19 500	62.6	74.9	18 800										32.0
34.0	56.1	72.1	17 600*	57.2	72.6	18 300*	58.7	73.3	18 000	60.2	73.8	17 400										34.0
36.0	53.5	70.7	16 100*	54.6	71.3	16 700*	56.2	72.0	16 800	57.8	72.6	16 100	60.3	73.3	15 200							36.0
38.0	50.9	69.1	14 700*	52.0	69.8	15 300*	53.7	70.6	15 600	55.3	71.3	15 000	57.9	72.1	14 100							38.0
40.0	48.1	67.4	13 500*	49.3	68.1	14 000*	51.0	69.0	14 400	52.7	69.8	13 900	55.4	70.8	13 000							40.0
42.0	45.2	65.5	12 400*	46.4	66.2	12 900*	48.3	67.3	13 400	50.0	68.2	12 800	52.8	69.3	12 000	55.4	70.1	11 200				42.0
44.0	42.2	63.4	11 500*	43.5	64.2	11 800*	45.4	65.4	12 400	47.2	66.4	11 900	50.1	67.7	11 100	52.8	68.6	10 300				44.0
46.0	38.9	61.0	10 600*	40.3	62.0	10 900*	42.3	63.3	11 500	44.3	64.4	11 100	47.3	65.9	10 300	50.1	67.0	9 600				46.0
48.0	35.4	58.3	9 800*	36.9	59.4	10 100*	39.1	60.9	10 700*	41.2	62.2	10 300	44.4	63.9	9 600	47.3	65.2	8 900	50.0	66.1	8 100	48.0
50.0	31.6	55.2	9 100*	33.3	56.5	9 400*	35.6	58.2	9 900*	37.8	59.7	9 600	41.3	61.7	8 900	44.4	63.3	8 200	47.2	64.3	7 500	50.0
52.0	27.3	51.6	8 500*	29.2	53.2	8 700*	31.8	55.2	9 100*	34.3	56.9	9 000	38.0	59.3	8 300	41.3	61.1	7 600	44.3	62.3	7 000	52.0
54.0	22.2	47.2	7 900*	24.5	49.1	8 100*	27.6	51.6	8 500*	30.3	53.7	8 400	34.4	56.5	7 800	38.0	58.6	7 100	41.2	60.1	6 500	54.0
56.0	15.6	41.2	7 000*	18.7	44.0	7 600*	22.5	47.3	7 900*	25.8	49.9	7 900	30.4	53.3	7 200	34.4	55.8	6 600	37.9	57.7	6 000	56.0
58.0							16.1	41.4	7 300*	20.4	45.1	7 400	26.0	49.5	6 700	30.5	52.6	6 100	34.3	54.9	5 600	58.0
60.0										12.9	38.2	6 900	20.6	44.8	6 300	26.0	48.8	5 700	30.3	51.7	5 200	60.0
62.0													13.2	38.0	5 900	20.6	44.1	5 300	25.8	47.9	4 800	62.0
64.0																13.3	37.4	5 000	20.4	43.1	4 400	64.0
66.0																			13.0	36.2	4 200	66.0



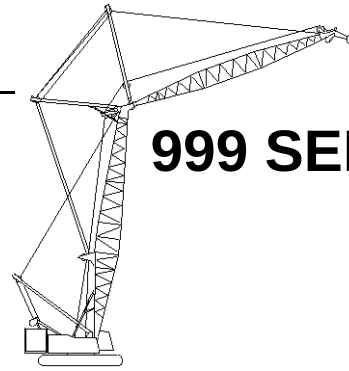
Liftcrane Luffing Jib Capacities

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**

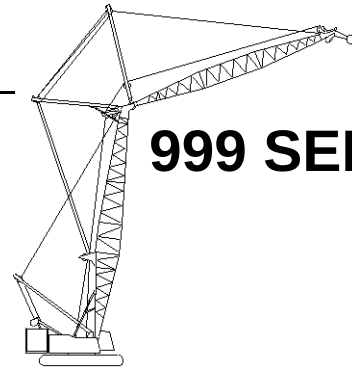
**Maximum Operating Wind Speeds
(all boom lengths)**

10 m/s with 21.3m thru 33.5m Luffing Jib
7 m/s with 36.6m thru 61.0m Luffing Jib
5 m/s with 64.0m thru 73.2m Luffing Jib



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	27 700																24.0
26.0	67.1	80.0	24 600	68.0	80.3	25 300	69.3	80.6	24 500													26.0
28.0	64.9	79.1	23 800	65.8	79.4	23 200	67.2	79.8	22 400													28.0
30.0	62.7	78.1	21 200*	63.6	78.5	21 400	65.0	78.9	20 700	66.4	79.3	19 900										30.0
32.0	60.4	77.0	19 200*	61.4	77.4	19 800	62.8	77.9	19 100	64.2	78.3	18 400										32.0
34.0	58.1	75.8	17 400*	59.1	76.2	18 200*	60.5	76.8	17 700	62.0	77.3	17 100										34.0
36.0	55.7	74.5	15 900*	56.7	75.0	16 500*	58.2	75.6	16 400	59.7	76.2	15 800										36.0
38.0	53.3	73.0	14 500*	54.3	73.6	15 100*	55.9	74.3	15 300	57.4	74.9	14 700	59.8	75.7	13 700							38.0
40.0	50.8	71.4	13 300*	51.8	72.1	13 800*	53.4	72.9	14 300	55.0	73.6	13 700	57.4	74.5	12 800							40.0
42.0	48.1	69.7	12 300*	49.3	70.4	12 700*	50.9	71.3	13 200	52.5	72.1	12 700	55.0	73.1	11 900							42.0
44.0	45.4	67.8	11 300*	46.6	68.6	11 700*	48.3	69.6	12 300	49.9	70.5	11 800	52.6	71.6	11 000	55.1	72.4	10 100				44.0
46.0	42.5	65.7	10 400*	43.8	66.5	10 800*	45.6	67.7	11 300*	47.3	68.7	10 900	50.0	70.0	10 100	52.6	70.9	9 400				46.0
48.0	39.5	63.4	9 600*	40.8	64.3	9 900*	42.7	65.6	10 500*	44.5	66.7	10 100	47.4	68.2	9 400	50.0	69.3	8 700				48.0
50.0	36.2	60.8	8 900*	37.7	61.8	9 200*	39.7	63.3	9 700*	41.6	64.5	9 500	44.6	66.3	8 800	47.4	67.5	8 100	50.0	68.4	7 400	50.0
52.0	32.7	57.8	8 300*	34.3	59.0	8 600*	36.4	60.7	9 000*	38.5	62.1	8 800	41.7	64.1	8 200	44.6	65.6	7 500	47.3	66.6	6 800	52.0
54.0	28.8	54.4	7 700*	30.5	55.8	7 900*	32.9	57.8	8 300*	35.2	59.4	8 200	38.6	61.7	7 600	41.7	63.4	6 900	44.5	64.6	6 300	54.0
56.0	24.3	50.3	7 200*	26.3	52.1	7 400*	29.0	54.4	7 700*	31.5	56.3	7 700	35.3	59.0	7 100	38.6	61.0	6 400	41.6	62.5	5 800	56.0
58.0	18.8	45.1	6 700*	21.3	47.5	6 900*	24.6	50.3	7 200*	27.5	52.7	7 200	31.7	55.9	6 600	35.3	58.3	6 000	38.5	60.1	5 400	58.0
60.0	10.9	37.4	5 200*	14.8	41.2	6 200*	19.2	45.3	6 700*	22.7	48.4	6 800	27.6	52.3	6 100	31.7	55.2	5 600	35.2	57.4	5 000	60.0
62.0							11.5	37.8	5 900*	16.8	42.7	6 400	22.9	48.0	5 700	27.6	51.7	5 200	31.6	54.3	4 600	62.0
64.0										6.7	32.7	5 700	17.0	42.4	5 400	22.9	47.4	4 800	27.5	50.7	4 300	64.0
66.0																17.0	41.7	4 500	22.8	46.3	4 000	66.0
68.0																			16.8	40.7	3 700	68.0
70.0																			6.8	30.8	3 500	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**

**Maximum Operating Wind Speeds
(all boom lengths)**

**10 m/s with 21.3m thru 33.5m Luffing Jib
7 m/s with 36.6m thru 61.0m Luffing Jib
5 m/s with 64.0m thru 73.2m Luffing Jib**

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.	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	
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	24 800	70.4	83.9	23 900													26.0
28.0	66.2	82.5	21 500*	67.1	82.8	22 700	68.4	83.1	21 900													28.0
30.0	64.1	81.5	20 800*	65.0	81.9	20 900	66.3	82.3	20 200													30.0
32.0	62.0	80.5	18 900*	62.9	80.9	19 300	64.3	81.3	18 600	65.6	81.7	17 900										32.0
34.0	59.9	79.4	17 200*	60.8	79.8	17 900	62.2	80.3	17 200	63.5	80.8	16 600										34.0
36.0	57.7	78.1	15 600*	58.6	78.6	16 300*	60.0	79.2	16 000	61.4	79.7	15 400										36.0
38.0	55.4	76.8	14 300*	56.4	77.3	14 800*	57.8	78.0	14 900	59.2	78.5	14 300	61.4	79.2	13 300							38.0
40.0	53.1	75.3	13 100*	54.1	75.9	13 600*	55.5	76.6	13 900	57.0	77.3	13 300	59.3	78.1	12 300							40.0
42.0	50.7	73.7	12 000*	51.7	74.4	12 400*	53.2	75.2	12 900	54.7	75.9	12 400	57.0	76.8	11 500							42.0
44.0	48.2	72.0	11 000*	49.2	72.7	11 400*	50.8	73.6	12 000	52.3	74.4	11 500	54.8	75.4	10 700							44.0
46.0	45.6	70.1	10 100*	46.7	70.9	10 500*	48.3	71.9	11 100*	49.9	72.8	10 700	52.4	73.9	9 900	54.8	74.7	9 100				46.0
48.0	42.9	68.0	9 400*	44.0	68.9	9 700*	45.7	70.0	10 200*	47.4	71.0	9 900	50.0	72.3	9 100	52.4	73.2	8 400				48.0
50.0	40.0	65.7	8 600*	41.3	66.7	8 900*	43.0	67.9	9 400*	44.8	69.0	9 200	47.5	70.5	8 500	50.0	71.6	7 800				50.0
52.0	37.0	63.2	8 000*	38.3	64.2	8 200*	40.2	65.6	8 700*	42.0	66.9	8 600	44.8	68.6	7 800	47.5	69.8	7 200	49.9	70.7	6 500	52.0
54.0	33.7	60.3	7 400*	35.1	61.5	7 600*	37.2	63.1	8 000*	39.1	64.5	8 000	42.1	66.4	7 300	44.9	67.9	6 600	47.4	68.9	6 000	54.0
56.0	30.1	57.1	6 900*	31.7	58.4	7 100*	33.9	60.3	7 400*	36.0	61.9	7 400	39.2	64.1	6 800	42.1	65.7	6 100	44.8	67.0	5 500	56.0
58.0	26.1	53.2	6 400*	27.8	54.9	6 600*	30.3	57.0	6 900*	32.6	58.9	6 900	36.1	61.4	6 300	39.2	63.4	5 700	42.0	64.8	5 100	58.0
60.0	21.3	48.6	5 900*	23.4	50.6	6 100*	26.3	53.3	6 300*	28.9	55.5	6 500	32.7	58.5	5 900	36.1	60.8	5 300	39.1	62.4	4 700	60.0
62.0	15.2	42.4	5 200*	18.0	45.2	5 700*	21.6	48.7	5 900*	24.7	51.5	6 000	29.0	55.1	5 400	32.7	57.8	4 900	36.0	59.8	4 300	62.0
64.0	1.9	28.5	3 000*	10.1	37.0	4 500*	15.6	42.6	5 500*	19.6	46.4	5 700	24.8	51.1	5 100	29.0	54.4	4 500	32.6	56.8	4 000	64.0
66.0										12.7	39.3	5 200	19.8	46.1	4 700	24.8	50.4	4 200	28.9	53.4	3 600	66.0
68.0													12.9	39.1	4 400	19.8	45.4	3 900	24.7	49.4	3 400	68.0
70.0																13.0	38.5	3 600	19.6	44.4	3 100	70.0
72.0																			12.7	37.3	2 900	72.0



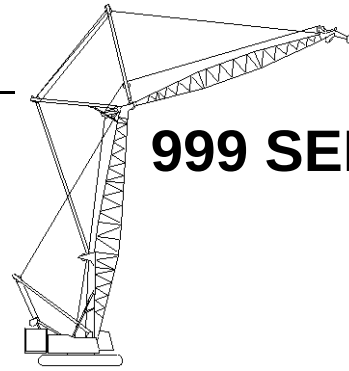
Liftcrane Luffing Jib Capacities

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**

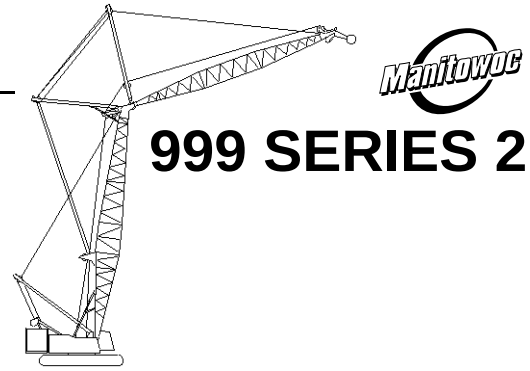
**Maximum Operating Wind Speeds
(all boom lengths)**

**10 m/s with 21.3m thru 33.5m Luffing Jib
7 m/s with 36.6m thru 61.0m Luffing Jib
5 m/s with 64.0m thru 73.2m Luffing Jib**



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	22 100		69.5	86.4	21 400																		28.0
30.0	65.5	84.9	19 100*		66.3	85.2	20 800		67.5	85.6	20 000																		30.0
32.0	63.5	83.9	18 800*		64.3	84.3	19 100		65.6	84.7	18 500		66.8	85.1	17 800														32.0
34.0	61.4	82.9	17 500*		62.3	83.3	17 700		63.6	83.8	17 100		64.8	84.1	16 400														34.0
36.0	59.4	81.7	15 800*		60.3	82.1	16 400		61.6	82.7	15 800		62.8	83.2	15 200														36.0
38.0	57.3	80.5	14 400*		58.2	80.9	15 000*		59.5	81.6	14 700		60.8	82.1	14 200														38.0
40.0	55.1	79.1	13 200*		56.0	79.6	13 700*		57.4	80.3	13 700		58.7	80.9	13 200		60.9	81.6	12 300										40.0
42.0	52.9	77.6	12 100*		53.8	78.2	12 600*		55.2	79.0	12 800		56.6	79.6	12 300		58.8	80.4	11 400										42.0
44.0	50.6	76.0	11 200*		51.6	76.7	11 600*		53.0	77.5	12 000		54.4	78.2	11 500		56.7	79.1	10 600										44.0
46.0	48.2	74.3	10 300*		49.2	75.0	10 600*		50.7	75.9	11 200		52.2	76.7	10 700		54.5	77.7	9 900		56.7	78.4	9 100						46.0
48.0	45.8	72.4	9 400*		46.8	73.2	9 800*		48.4	74.2	10 300*		49.9	75.1	9 900		52.2	76.2	9 200		54.5	77.0	8 400						48.0
50.0	43.2	70.3	8 700*		44.3	71.2	9 000*		45.9	72.3	9 500*		47.5	73.3	9 200		49.9	74.6	8 500		52.3	75.5	7 800						50.0
52.0	40.5	68.1	8 000*		41.6	69.0	8 300*		43.3	70.2	8 700*		45.0	71.3	8 600		47.5	72.8	7 900		49.9	73.9	7 200		52.2	74.6	6 500		52.0
54.0	37.6	65.6	7 400*		38.9	66.6	7 700*		40.6	68.0	8 100*		42.4	69.2	8 000		45.0	70.9	7 300		47.6	72.1	6 600		49.9	73.0	6 000		54.0
56.0	34.6	62.8	6 900*		35.9	64.0	7 100*		37.8	65.5	7 500*		39.6	66.9	7 400		42.4	68.8	6 800		45.1	70.2	6 100		47.5	71.2	5 500		56.0
58.0	31.2	59.7	6 300*		32.7	61.0	6 500*		34.7	62.8	6 900*		36.7	64.3	6 900		39.7	66.4	6 300		42.5	68.1	5 700		45.0	69.3	5 100		58.0
60.0	27.5	56.1	5 800*		29.2	57.6	6 000*		31.4	59.6	6 300*		33.5	61.4	6 400		36.8	63.9	5 900		39.7	65.8	5 200		42.4	67.1	4 700		60.0
62.0	23.3	51.8	5 400*		25.2	53.6	5 600*		27.8	56.1	5 900*		30.1	58.2	6 000		33.6	61.0	5 400		36.8	63.2	4 900		39.6	64.8	4 300		62.0
64.0	18.2	46.4	5 000*		20.5	48.8	5 200*		23.6	51.8	5 400*		26.3	54.4	5 600		30.2	57.7	5 000		33.7	60.3	4 500		36.7	62.2	3 900		64.0
66.0	10.8	38.5	3 700*		14.4	42.3	4 700*		18.5	46.5	5 000*		21.8	49.8	5 200		26.4	54.0	4 700		30.2	57.1	4 100		33.6	59.4	3 600		66.0
68.0									11.4	38.9	4 400*		16.2	43.9	4 900		22.0	49.5	4 300		26.4	53.3	3 800		30.1	56.1	3 300		68.0
70.0													7.1	33.9	4 200*		16.4	43.6	4 000		22.0	48.8	3 500		26.3	52.3	3 000		70.0
72.0																					16.5	42.9	3 300		21.9	47.8	2 800		72.0
74.0																									16.3	41.9	2 500		74.0
76.0																									7.2	32.0	2 300		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**

**Maximum Operating Wind Speeds
(all boom lengths)**

**10 m/s with 21.3m thru 33.5m Luffing Jib
7 m/s with 36.6m thru 61.0m Luffing Jib
5 m/s with 64.0m thru 73.2m Luffing Jib**

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.	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	
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	18 700	66.8	88.1	18 000	67.9	88.4	17 300										32.0
34.0	62.9	86.3	16 600*	63.7	86.7	17 300	64.9	87.1	16 600	66.1	87.5	16 000										34.0
36.0	60.9	85.2	15 700*	61.7	85.6	16 100	63.0	86.2	15 400	64.2	86.6	14 800										36.0
38.0	58.9	84.1	14 200*	59.8	84.5	14 800	61.0	85.1	14 300	62.3	85.5	13 700										38.0
40.0	56.9	82.8	13 000*	57.8	83.3	13 500*	59.1	83.9	13 300	60.3	84.4	12 800	62.3	85.1	11 800							40.0
42.0	54.8	81.4	11 900*	55.7	81.9	12 300*	57.0	82.6	12 400	58.3	83.2	11 900	60.4	83.9	11 000							42.0
44.0	52.7	79.9	10 900*	53.6	80.5	11 300*	55.0	81.3	11 600	56.3	81.9	11 000	58.4	82.7	10 200							44.0
46.0	50.5	78.3	10 000*	51.5	79.0	10 300*	52.8	79.8	10 800	54.2	80.5	10 300	56.3	81.5	9 500							46.0
48.0	48.3	76.6	9 200*	49.2	77.3	9 500*	50.6	78.2	10 100	52.0	79.0	9 600	54.2	80.0	8 800	56.3	80.8	8 100				48.0
50.0	45.9	74.7	8 400*	46.9	75.5	8 700*	48.4	76.5	9 200*	49.8	77.4	8 900	52.1	78.5	8 200	54.3	79.4	7 500				50.0
52.0	43.5	72.7	7 700*	44.5	73.5	8 100*	46.0	74.6	8 500*	47.5	75.6	8 300	49.9	76.9	7 600	52.1	77.8	6 900				52.0
54.0	40.9	70.4	7 100*	42.0	71.3	7 400*	43.6	72.6	7 800*	45.2	73.6	7 700	47.6	75.1	7 000	49.9	76.2	6 400	52.0	76.9	5 700	54.0
56.0	38.2	68.0	6 600*	39.4	69.0	6 800*	41.1	70.3	7 200*	42.7	71.5	7 200	45.2	73.2	6 500	47.6	74.4	5 800	49.8	75.3	5 200	56.0
58.0	35.3	65.3	6 100*	36.6	66.4	6 300*	38.4	67.9	6 600*	40.1	69.2	6 600	42.8	71.1	6 000	45.2	72.5	5 400	47.6	73.5	4 800	58.0
60.0	32.2	62.2	5 600*	33.6	63.5	5 800*	35.5	65.2	6 100*	37.3	66.7	6 200	40.2	68.8	5 600	42.8	70.4	5 000	45.2	71.6	4 400	60.0
62.0	28.8	58.8	5 100*	30.3	60.3	5 300*	32.4	62.2	5 600*	34.4	63.9	5 800	37.4	66.3	5 200	40.2	68.1	4 600	42.7	69.5	4 000	62.0
64.0	25.0	54.8	4 700*	26.7	56.5	4 900*	29.0	58.8	5 100*	31.2	60.8	5 300	34.5	63.5	4 800	37.4	65.6	4 200	40.1	67.2	3 700	64.0
66.0	20.5	50.0	4 400*	22.5	52.1	4 500*	25.2	54.8	4 700*	27.7	57.2	5 000	31.3	60.4	4 400	34.5	62.8	3 900	37.3	64.7	3 300	66.0
68.0	14.8	43.5	3 700*	17.4	46.5	4 100*	20.8	50.1	4 400*	23.7	53.0	4 600	27.8	56.8	4 100	31.3	59.7	3 500	34.4	61.9	3 000	68.0
70.0	3.7	30.8	1 900*	10.1	38.1	3 200*	15.2	43.8	4 000*	18.9	47.7	4 200*	23.8	52.6	3 800	27.8	56.1	3 200	31.2	58.7	2 700	70.0
72.0										12.4	40.4	3 800*	19.1	47.4	3 500	23.8	51.9	2 900	27.7	55.1	2 400	72.0
74.0													12.7	40.2	3 200	19.1	46.7	2 700	23.7	50.9	2 200	74.0
76.0																12.7	39.6	2 500	19.0	45.7	2 000	76.0



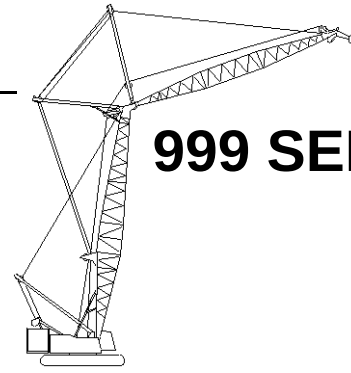
Liftcrane Luffing Jib Capacities

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**

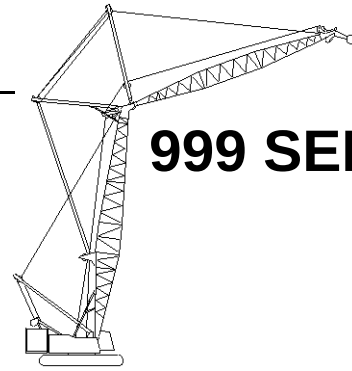
**Maximum Operating Wind Speeds
(all boom lengths)**

**10 m/s with 21.3m thru 33.5m Luffing Jib
7 m/s with 36.6m thru 61.0m Luffing Jib
5 m/s with 64.0m thru 73.2m Luffing Jib**



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.	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	
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	18 300	67.8	91.4	17 600													32.0
34.0	64.1	89.7	15 800*	64.9	90.1	16 900	66.0	90.5	16 200	67.2	90.8	15 600										34.0
36.0	62.3	88.7	15 300*	63.1	89.1	15 700	64.2	89.6	15 100	65.4	89.9	14 400										36.0
38.0	60.4	87.6	14 000*	61.2	88.0	14 600	62.4	88.5	14 000	63.6	89.0	13 400										38.0
40.0	58.5	86.4	12 700*	59.3	86.9	13 300*	60.5	87.4	13 000	61.7	87.9	12 400										40.0
42.0	56.6	85.1	11 600*	57.4	85.6	12 100*	58.6	86.3	12 100	59.8	86.8	11 500	61.8	87.4	10 700							42.0
44.0	54.6	83.7	10 700*	55.4	84.3	11 100*	56.7	85.0	11 300	57.9	85.6	10 700	59.9	86.3	9 900							44.0
46.0	52.6	82.2	9 800*	53.4	82.8	10 200*	54.7	83.6	10 500	56.0	84.3	10 000	58.0	85.1	9 200							46.0
48.0	50.5	80.6	9 000*	51.4	81.3	9 300*	52.7	82.1	9 800	54.0	82.8	9 300	56.0	83.8	8 500							48.0
50.0	48.3	78.9	8 200*	49.2	79.6	8 500*	50.6	80.5	9 000*	51.9	81.3	8 700	54.0	82.4	7 900	56.0	83.1	7 200				50.0
52.0	46.0	77.0	7 600*	47.0	77.8	7 800*	48.4	78.8	8 300*	49.8	79.7	8 100	52.0	80.8	7 400	54.0	81.7	6 700				52.0
54.0	43.7	75.0	6 900*	44.7	75.8	7 200*	46.2	76.9	7 600*	47.6	77.9	7 500	49.9	79.2	6 800	52.0	80.1	6 200				54.0
56.0	41.3	72.8	6 400*	42.3	73.7	6 600*	43.9	74.9	7 000*	45.3	76.0	7 000	47.7	77.4	6 300	49.9	78.5	5 700				56.0
58.0	38.7	70.4	5 800*	39.8	71.4	6 100*	41.4	72.7	6 400*	43.0	73.9	6 500	45.4	75.5	5 800	47.7	76.7	5 200	49.8	77.6	4 600	58.0
60.0	36.0	67.7	5 300*	37.2	68.8	5 600*	38.9	70.3	5 900*	40.5	71.6	6 000	43.0	73.4	5 400	45.4	74.8	4 800	47.6	75.8	4 200	60.0
62.0	33.1	64.8	4 900*	34.4	66.0	5 100*	36.2	67.7	5 400*	37.9	69.1	5 600	40.6	71.2	5 000	43.1	72.7	4 400	45.3	73.9	3 800	62.0
64.0	29.9	61.5	4 500*	31.3	62.9	4 700*	33.3	64.7	4 900*	35.1	66.4	5 200	38.0	68.7	4 600	40.6	70.5	4 000	43.0	71.8	3 400	64.0
66.0	26.5	57.7	4 100*	28.0	59.3	4 300*	30.1	61.5	4 500*	32.1	63.3	4 800	35.2	66.0	4 200	38.0	68.0	3 700	40.5	69.5	3 100	66.0
68.0	22.5	53.2	3 800*	24.2	55.2	3 900*	26.7	57.7	4 100*	28.9	59.9	4 400*	32.2	62.9	3 900	35.2	65.3	3 300	37.9	67.1	2 800	68.0
70.0	17.6	47.7	3 500*	19.8	50.1	3 600*	22.7	53.3	3 800*	25.3	55.9	4 000*	29.0	59.5	3 600	32.3	62.3	3 000	35.1	64.3	2 600	70.0
72.0				14.1	43.4	3 100*	17.9	47.8	3 400*	21.1	51.2	3 700*	25.4	55.6	3 300	29.0	58.8	2 800	32.2	61.3	2 300	72.0
74.0							11.3	39.9	2 900*	15.8	45.1	3 300*	21.2	50.8	3 000	25.4	54.9	2 500	28.9	57.9	2 000	74.0
76.0										7.4	35.1	2 800*	16.0	44.8	2 700	21.2	50.2	2 200	25.3	53.9	1 800	76.0
78.0																16.0	44.1	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**

**Maximum Operating Wind Speeds
(all boom lengths)**

**10 m/s with 21.3m thru 33.5m Luffing Jib
7 m/s with 36.6m thru 61.0m Luffing Jib
5 m/s with 64.0m thru 73.2m Luffing Jib**

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



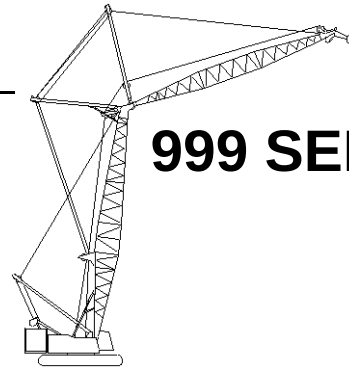
Liftcrane Luffing Jib Capacities

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**

**Maximum Operating Wind Speeds
(all boom lengths)**

10 m/s with 21.3m thru 33.5m Luffing Jib
7 m/s with 36.6m thru 61.0m Luffing Jib
5 m/s with 64.0m thru 73.2m Luffing Jib

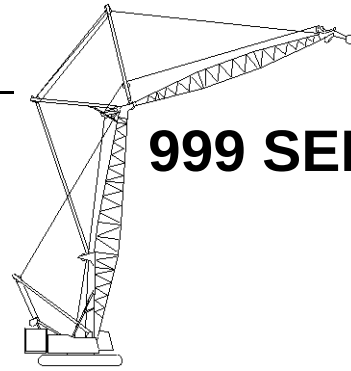


27.4m (90 Ft.) Boom, 21.3m (70 Ft.) Luffing Jib

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 500b	63.5	48.7	59 700b																14.0
16.0	54.1	46.9	53 200	57.2	47.5	52 000b	61.7	48.2	50 700b													16.0
18.0	47.0	45.2	47 000	50.5	46.0	46 100	55.4	47.0	44 700	59.9	47.6	43 400b										18.0
20.0	39.0	43.0	42 100	43.0	44.1	41 300	48.4	45.3	40 000	53.4	46.3	38 800	60.9	47.3	36 900b							20.0
22.0	29.1	39.9	37 400	34.1	41.5	37 000	40.6	43.2	36 000	46.3	44.5	34 900	54.5	45.9	33 200							22.0
24.0	13.6	34.5	28 100*	22.4	37.6	32 900	31.2	40.3	32 000	38.1	42.2	31 100	47.5	44.3	29 700							24.0
26.0										27.9	39.0	28 000	39.5	42.1	26 600	48.4	43.7	25 300				26.0
28.0													29.8	39.1	24 100	40.6	41.6	22 900	49.1	42.9	21 700	28.0
30.0													15.0	33.9	22 000	31.2	38.8	20 900	41.4	40.9	19 700	30.0
32.0																17.7	34.1	19 100	32.2	38.1	18 100	32.0
34.0																		19 100	19.4	33.8	16 600	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 100b	67.0	52.1	58 400b																14.0
16.0	59.2	50.6	52 000	61.8	51.1	50 900b	65.5	51.7	49 500b													16.0
18.0	53.5	49.2	46 000	56.2	49.9	45 000	60.2	50.6	43 700	64.0	51.1	42 400										18.0
20.0	47.3	47.5	41 200	50.3	48.3	40 300	54.6	49.3	39 100	58.6	50.0	37 900										20.0
22.0	40.4	45.4	37 200	43.8	46.4	36 400	48.5	47.6	35 300	52.9	48.6	34 200	59.5	49.6	32 500							22.0
24.0	32.2	42.6	33 400	36.3	43.9	32 700	41.8	45.6	31 800	46.6	46.8	30 900	53.8	48.3	29 300							24.0
26.0	21.5	38.4	29 100*	27.1	40.6	29 400	33.9	42.9	28 600	39.6	44.6	27 700	47.7	46.6	26 300	54.6	47.7	25 000				26.0
28.0							23.9	39.1	25 900	31.3	41.7	25 100	40.8	44.4	23 800	48.5	46.0	22 500				28.0
30.0										20.1	37.4	22 900	32.8	41.7	21 700	41.8	44.0	20 500	49.1	45.2	19 400	30.0
32.0													22.3	37.7	19 900	33.9	41.3	18 800	42.4	43.2	17 700	32.0
34.0																		17 300	34.7	40.6	16 300	34.0
36.0																			25.0	37.0	15 000	36.0
38.0																			6.8	29.5	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**

**Maximum Operating Wind Speeds
(all boom lengths)**

**10 m/s with 21.3m thru 33.5m Luffing Jib
7 m/s with 36.6m thru 61.0m Luffing Jib
5 m/s with 64.0m thru 73.2m Luffing Jib**

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.	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	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 700b	69.7	55.4	57 100b																14.0
16.0	62.9	54.1	51 000	65.2	54.5	49 900b	68.4	55.0	48 500b													16.0
18.0	58.1	53.0	45 000	60.4	53.5	44 100	63.8	54.1	42 800													18.0
20.0	53.0	51.5	40 400	55.5	52.2	39 500	59.0	52.9	38 300	62.4	53.5	37 100										20.0
22.0	47.5	49.8	36 500	50.2	50.6	35 700	54.0	51.6	34 600	57.6	52.3	33 500										22.0
24.0	41.4	47.7	33 100	44.4	48.7	32 400	48.6	49.9	31 400	52.4	50.9	30 500	58.4	52.0	28 900							24.0
26.0	34.5	45.1	29 800*	37.9	46.4	29 300	42.6	47.9	28 400	46.9	49.1	27 500	53.3	50.6	26 100							26.0
28.0	26.0	41.5	26 800*	30.3	43.3	26 500	35.9	45.4	25 700	40.8	47.0	24 900	47.8	48.9	23 600	54.0	50.0	22 300				28.0
30.0	12.8	35.6	21 000*	20.2	38.9	24 200	27.8	42.1	23 400	33.7	44.3	22 700	41.8	46.8	21 500	48.6	48.3	20 300				30.0
32.0							16.2	36.9	21 500	25.0	40.6	20 800	34.9	44.2	19 600	42.6	46.3	18 600	49.1	47.5	17 500	32.0
34.0													26.6	40.7	18 100	35.9	43.8	17 000	43.2	45.6	16 000	34.0
36.0													14.0	35.1	16 700	27.8	40.5	15 700	36.6	43.1	14 800	36.0
38.0																16.2	35.3	14 600	28.7	39.9	13 700	38.0
40.0																			17.6	35.0	12 700	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.	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	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 200b	71.8	58.6	56 100b																14.0
16.0	65.8	57.5	50 100	67.8	57.9	48 900																16.0
18.0	61.6	56.5	44 300	63.7	56.9	43 300	66.6	57.5	42 100													18.0
20.0	57.2	55.3	39 700	59.3	55.8	38 800	62.4	56.5	37 600	65.4	56.9	36 500										20.0
22.0	52.6	53.8	35 900	54.8	54.5	35 100	58.1	55.3	34 000	61.2	55.9	32 900										22.0
24.0	47.6	52.1	32 700	50.0	52.9	31 900	53.5	53.9	30 900	56.8	54.7	29 900										24.0
26.0	42.2	50.1	29 700*	44.9	51.0	29 200	48.6	52.2	28 300	52.1	53.2	27 300	57.5	54.3	25 800							26.0
28.0	36.2	47.6	26 800*	39.2	48.7	26 400	43.3	50.2	25 600	47.1	51.4	24 800	52.9	52.9	23 400							28.0
30.0	29.1	44.3	24 400*	32.6	45.9	24 100	37.4	47.8	23 300	41.6	49.3	22 600	47.9	51.2	21 300	53.5	52.3	20 100				30.0
32.0	19.7	39.8	21 800*	24.6	42.1	22 100	30.5	44.8	21 400	35.5	46.8	20 600	42.6	49.1	19 500	48.6	50.6	18 400				32.0
34.0							21.8	40.6	19 700	28.2	43.5	19 000	36.6	46.6	17 900	43.3	48.6	16 800	49.1	49.8	15 800	34.0
36.0										18.5	38.7	17 600	29.5	43.5	16 500	37.4	46.2	15 500	43.8	47.9	14 500	36.0
38.0													20.4	39.0	15 300	30.5	43.2	14 300	38.0	45.5	13 400	38.0
40.0																21.8	39.0	13 300	31.3	42.5	12 400	40.0
42.0																			22.7	38.5	11 600	42.0
44.0																			7.6	30.7	10 800	44.0



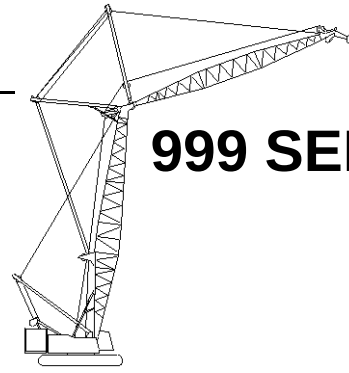
Liftcrane Luffing Jib Capacities

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**

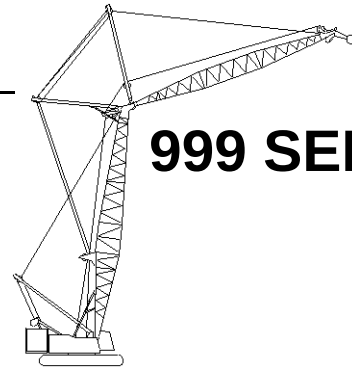
**Maximum Operating Wind Speeds
(all boom lengths)**

10 m/s with 21.3m thru 33.5m Luffing Jib
7 m/s with 36.6m thru 61.0m Luffing Jib
5 m/s with 64.0m thru 73.2m Luffing Jib



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*																			12.2
14.0	71.8	61.6	54 700*																			14.0
16.0	68.2	60.9	49 200	69.9	61.2	48 200																16.0
18.0	64.4	59.9	43 500	66.2	60.3	42 600																18.0
20.0	60.5	58.9	39 000	62.4	59.3	38 200	65.1	59.9	37 000													20.0
22.0	56.5	57.6	35 200	58.5	58.2	34 500	61.3	58.8	33 400	64.0	59.4	32 400										22.0
24.0	52.3	56.1	32 100	54.3	56.8	31 400	57.3	57.6	30 400	60.1	58.3	29 400										24.0
26.0	47.8	54.4	29 400	49.9	55.2	28 800	53.1	56.2	27 800	56.1	57.0	26 900	60.8	57.9	25 400							26.0
28.0	42.9	52.4	26 700*	45.3	53.3	26 300	48.6	54.5	25 500	51.8	55.5	24 700	56.7	56.6	23 300							28.0
30.0	37.5	50.0	24 300*	40.2	51.1	24 000	43.8	52.6	23 200	47.3	53.7	22 400	52.5	55.2	21 200							30.0
32.0	31.4	47.0	22 200*	34.4	48.4	22 000	38.6	50.2	21 300	42.4	51.7	20 500	48.0	53.5	19 400	53.1	54.6	18 200				32.0
34.0	23.8	43.1	20 300*	27.7	45.0	20 200	32.6	47.4	19 600	36.9	49.2	18 900	43.2	51.5	17 800	48.6	52.9	16 700				34.0
36.0	12.4	36.7	16 400*	18.7	40.2	18 700	25.4	43.7	18 100	30.7	46.1	17 400	37.9	49.1	16 400	43.9	51.0	15 400	49.1	52.1	14 400	36.0
38.0							15.2	38.1	16 800	22.9	42.1	16 200	31.8	46.1	15 200	38.6	48.6	14 200	44.3	50.2	13 300	38.0
40.0													24.3	42.3	14 100	32.6	45.8	13 200	39.1	47.9	12 300	40.0
42.0													13.3	36.2	13 200	25.4	42.1	12 300	33.2	45.1	11 400	42.0
44.0																15.3	36.5	11 500	26.2	41.5	10 600	44.0
46.0																			16.5	36.2	9 900	46.0



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**

**Maximum Operating Wind Speeds
(all boom lengths)**

**10 m/s with 21.3m thru 33.5m Luffing Jib
7 m/s with 36.6m thru 61.0m Luffing Jib
5 m/s with 64.0m thru 73.2m Luffing Jib**

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.	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	73.9	64.9	53 500*																			13.7
14.0	73.4	64.8	52 800*																			14.0
16.0	70.1	64.1	48 000	71.7	64.4	47 200																16.0
18.0	66.7	63.3	42 600	68.3	63.6	41 700																18.0
20.0	63.2	62.4	38 200	64.9	62.8	37 400	67.3	63.2	36 200													20.0
22.0	59.6	61.2	34 500	61.4	61.7	33 700	63.9	62.3	32 600	66.3	62.7	31 600										22.0
24.0	55.9	59.9	31 400	57.7	60.5	30 700	60.3	61.2	29 700	62.9	61.7	28 700										24.0
26.0	52.0	58.5	28 800	53.9	59.1	28 100	56.6	60.0	27 100	59.3	60.6	26 200										26.0
28.0	47.9	56.7	26 400	49.9	57.5	25 900	52.8	58.5	25 000	55.5	59.3	24 100	59.8	60.2	22 700							28.0
30.0	43.4	54.7	23 900*	45.6	55.7	23 800	48.7	56.8	23 000	51.6	57.8	22 100	56.1	59.0	20 800							30.0
32.0	38.6	52.4	21 900*	41.0	53.5	21 700	44.3	54.9	21 000	47.4	56.0	20 200	52.2	57.5	19 000	56.6	58.4	17 900				32.0
34.0	33.2	49.6	20 100*	35.8	50.9	20 000	39.6	52.6	19 300	43.0	54.0	18 600	48.1	55.8	17 500	52.8	56.9	16 300				34.0
36.0	26.8	46.0	18 600*	30.0	47.7	18 400	34.3	49.9	17 800	38.1	51.6	17 200	43.7	53.8	16 100	48.7	55.2	15 000				36.0
38.0	18.4	41.0	16 700*	22.8	43.6	17 100	28.1	46.5	16 500	32.6	48.7	15 900	38.9	51.5	14 800	44.3	53.3	13 900	49.1	54.4	12 900	38.0
40.0							20.2	41.9	15 300	26.0	45.1	14 800	33.5	48.7	13 800	39.6	51.0	12 800	44.7	52.5	11 900	40.0
42.0										17.3	39.9	13 700	27.2	45.2	12 800	34.3	48.3	11 900	40.0	50.3	11 100	42.0
44.0													19.0	40.3	12 000	28.1	44.9	11 100	34.8	47.6	10 300	44.0
46.0																20.3	40.3	10 400	28.7	44.3	9 600	46.0
48.0																			21.1	39.9	8 900	48.0
50.0																			8.2	31.9	8 400	50.0



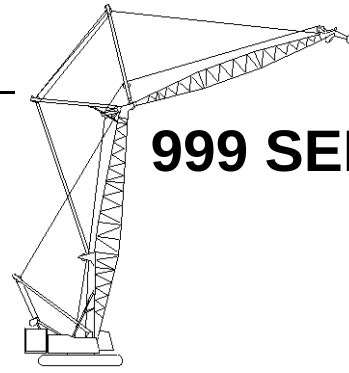
Liftcrane Luffing Jib Capacities

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**

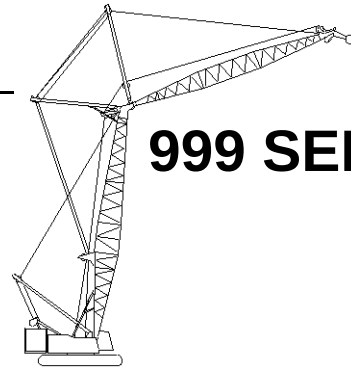
**Maximum Operating Wind Speeds
(all boom lengths)**

10 m/s with 21.3m thru 33.5m Luffing Jib
7 m/s with 36.6m thru 61.0m Luffing Jib
5 m/s with 64.0m thru 73.2m Luffing Jib



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	42 100	70.1	66.9	41 200																18.0
20.0	65.4	65.7	37 700	66.9	66.1	36 900	69.2	66.5	35 700													20.0
22.0	62.2	64.7	34 100	63.8	65.2	33 300	66.0	65.7	32 200													22.0
24.0	58.9	63.6	31 000	60.5	64.1	30 300	62.8	64.7	29 300	65.1	65.2	28 300										24.0
26.0	55.4	62.3	28 400	57.1	62.8	27 800	59.5	63.6	26 800	61.9	64.1	25 900										26.0
28.0	51.8	60.8	26 200	53.5	61.4	25 600	56.1	62.3	24 600	58.5	63.0	23 800										28.0
30.0	47.9	59.0	24 000	49.8	59.8	23 600	52.5	60.8	22 800	55.0	61.6	21 900	59.1	62.6	20 600							30.0
32.0	43.9	57.1	21 900*	45.9	58.0	21 700	48.7	59.1	21 000	51.4	60.1	20 200	55.6	61.3	19 000							32.0
34.0	39.5	54.8	20 000*	41.6	55.8	19 900	44.7	57.2	19 200	47.5	58.4	18 500	52.0	59.8	17 400	56.1	60.7	16 300				34.0
36.0	34.6	52.1	18 500*	37.0	53.3	18 400	40.4	55.0	17 700	43.4	56.3	17 100	48.2	58.1	16 000	52.5	59.2	15 000				36.0
38.0	29.0	48.8	17 100*	31.8	50.4	17 100	35.6	52.4	16 400	39.0	54.0	15 800	44.1	56.1	14 800	48.7	57.5	13 800				38.0
40.0	22.2	44.5	15 800*	25.7	46.6	15 800	30.2	49.2	15 300	34.1	51.3	14 700	39.8	53.8	13 700	44.7	55.6	12 800	49.1	56.7	11 900	40.0
42.0	12.0	37.8	13 000*	17.6	41.4	14 700	23.7	45.2	14 200	28.4	47.9	13 600	34.9	51.2	12 700	40.4	53.4	11 900	45.1	54.8	11 000	42.0
44.0							14.5	39.2	13 300	21.4	43.5	12 700	29.4	47.9	11 900	35.6	50.8	11 000	40.8	52.6	10 200	44.0
46.0													22.7	43.7	11 100	30.2	47.6	10 300	36.1	50.1	9 500	46.0
48.0													12.9	37.3	10 400	23.7	43.6	9 600	30.7	47.0	8 800	48.0
50.0																14.6	37.6	9 000	24.4	43.0	8 200	50.0
52.0																			15.7	37.4	7 700	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**

**Maximum Operating Wind Speeds
(all boom lengths)**

**10 m/s with 21.3m thru 33.5m Luffing Jib
7 m/s with 36.6m thru 61.0m Luffing Jib
5 m/s with 64.0m thru 73.2m Luffing Jib**

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.	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	
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	41 200	71.5	70.2	40 300																18.0
20.0	67.3	69.1	36 900	68.7	69.4	36 100	70.7	69.8	34 900													20.0
22.0	64.3	68.2	33 400	65.8	68.6	32 600	67.9	69.0	31 500													22.0
24.0	61.3	67.1	30 400	62.8	67.6	29 700	64.9	68.1	28 600													24.0
26.0	58.2	65.9	27 800	59.7	66.4	27 100	61.9	67.1	26 200	64.0	67.6	25 200										26.0
28.0	54.9	64.6	25 600	56.5	65.2	24 900	58.8	65.9	24 000	61.0	66.5	23 200										28.0
30.0	51.6	63.1	23 600	53.2	63.7	23 100	55.6	64.6	22 200	57.9	65.3	21 400										30.0
32.0	48.0	61.3	21 500*	49.7	62.1	21 400	52.2	63.1	20 600	54.6	63.9	19 800	58.4	64.9	18 600							32.0
34.0	44.3	59.4	19 700*	46.1	60.3	19 700	48.7	61.4	18 900	51.2	62.4	18 300	55.1	63.6	17 100							34.0
36.0	40.2	57.1	18 100*	42.2	58.2	18 100	45.0	59.5	17 500	47.7	60.7	16 800	51.8	62.1	15 700	55.6	63.0	14 600				36.0
38.0	35.8	54.5	16 800*	38.0	55.8	16 800	41.0	57.3	16 200	43.9	58.7	15 500	48.2	60.4	14 500	52.2	61.5	13 500				38.0
40.0	30.9	51.4	15 500*	33.3	52.9	15 600	36.7	54.8	15 000	39.8	56.4	14 400	44.5	58.4	13 400	48.7	59.8	12 400				40.0
42.0	25.0	47.6	14 500*	28.0	49.5	14 500	31.9	51.8	13 900	35.3	53.7	13 400	40.5	56.2	12 400	45.0	57.9	11 500	49.1	59.0	10 700	42.0
44.0	17.4	42.3	13 100*	21.4	45.0	13 500	26.2	48.1	13 000	30.3	50.6	12 500	36.1	53.6	11 500	41.0	55.7	10 700	45.4	57.1	9 900	44.0
46.0							19.1	43.2	12 100	24.4	46.6	11 600	31.2	50.6	10 800	36.7	53.2	9 900	41.4	55.0	9 100	46.0
48.0										16.4	41.1	10 900	25.4	46.8	10 100	31.9	50.2	9 300	37.1	52.5	8 500	48.0
50.0													18.0	41.6	9 400	26.2	46.5	8 700	32.3	49.6	7 900	50.0
52.0																19.1	41.6	8 100	26.8	46.0	7 400	52.0
54.0																			19.9	41.2	6 900	54.0
56.0																			8.5	33.0	6 500	56.0



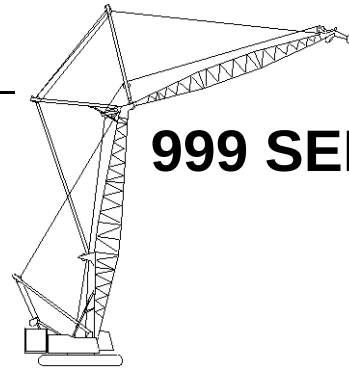
Liftcrane Luffing Jib Capacities

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**

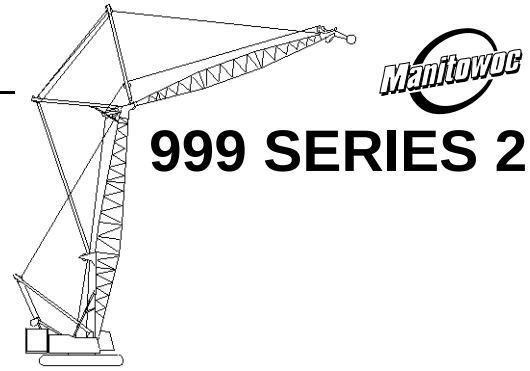
**Maximum Operating Wind Speeds
(all boom lengths)**

10 m/s with 21.3m thru 33.5m Luffing Jib
7 m/s with 36.6m thru 61.0m Luffing Jib
5 m/s with 64.0m thru 73.2m Luffing Jib



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	36 400	70.2	72.7	35 500																20.0
22.0	66.2	71.5	32 800	67.5	71.9	32 100	69.4	72.3	31 000													22.0
24.0	63.4	70.6	29 900	64.7	71.0	29 200	66.7	71.5	28 200													24.0
26.0	60.5	69.5	27 300	61.9	69.9	26 700	63.9	70.5	25 700	65.9	71.0	24 800										26.0
28.0	57.6	68.3	25 200	59.0	68.8	24 500	61.1	69.5	23 700	63.1	70.0	22 800										28.0
30.0	54.6	66.9	23 200	56.0	67.5	22 700	58.2	68.3	21 800	60.2	68.9	21 000										30.0
32.0	51.4	65.4	21 400	52.9	66.0	21 000	55.1	66.9	20 200	57.3	67.6	19 500	60.7	68.5	18 200							32.0
34.0	48.1	63.6	19 600*	49.7	64.4	19 500	52.0	65.4	18 700	54.2	66.3	18 000	57.8	67.3	16 800							34.0
36.0	44.6	61.7	18 000*	46.3	62.6	18 000	48.7	63.7	17 300	51.1	64.7	16 700	54.7	65.9	15 600							36.0
38.0	40.9	59.5	16 600*	42.7	60.5	16 700	45.3	61.8	16 000	47.7	63.0	15 400	51.6	64.4	14 300	55.1	65.3	13 300				38.0
40.0	36.8	57.0	15 300*	38.8	58.1	15 400	41.6	59.7	14 800	44.2	61.0	14 200	48.3	62.7	13 300	52.0	63.8	12 300				40.0
42.0	32.4	54.0	14 200*	34.6	55.4	14 400	37.6	57.2	13 800	40.5	58.8	13 200	44.8	60.7	12 300	48.7	62.1	11 400				42.0
44.0	27.2	50.4	13 300*	29.8	52.2	13 400	33.2	54.4	12 800	36.4	56.2	12 300	41.1	58.6	11 400	45.3	60.2	10 500	49.1	61.3	9 700	44.0
46.0	21.0	45.9	12 400*	24.2	48.2	12 500	28.3	50.9	12 000	31.9	53.2	11 500	37.1	56.1	10 600	41.6	58.1	9 800	45.6	59.5	9 000	46.0
48.0	11.8	38.8	10 200*	16.8	42.7	11 600	22.3	46.6	11 200	26.7	49.5	10 700	32.6	53.1	9 900	37.6	55.6	9 100	42.0	57.3	8 300	48.0
50.0							14.0	40.3	10 600	20.2	44.8	10 100	27.6	49.6	9 300	33.3	52.8	8 500	38.0	54.9	7 700	50.0
52.0													21.4	45.1	8 700	28.3	49.3	7 900	33.7	52.1	7 200	52.0
54.0													12.5	38.4	8 200	22.3	45.0	7 400	28.8	48.7	6 700	54.0
56.0																14.0	38.7	7 000	22.9	44.5	6 300	56.0
58.0																			15.0	38.5	5 900	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**

**Maximum Operating Wind Speeds
(all boom lengths)**

**10 m/s with 21.3m thru 33.5m Luffing Jib
7 m/s with 36.6m thru 61.0m Luffing Jib
5 m/s with 64.0m thru 73.2m Luffing Jib**

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.	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	
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	34 800																20.0
22.0	67.7	74.9	32 300	69.0	75.2	31 400																22.0
24.0	65.2	74.0	29 300	66.4	74.3	28 600	68.2	74.8	27 500													24.0
26.0	62.5	73.0	26 700	63.8	73.4	26 100	65.7	73.9	25 200	67.5	74.3	24 200										26.0
28.0	59.9	71.8	24 600	61.1	72.3	24 000	63.1	72.9	23 100	64.9	73.4	22 200										28.0
30.0	57.1	70.6	22 700	58.4	71.1	22 100	60.4	71.8	21 300	62.3	72.4	20 500										30.0
32.0	54.2	69.2	21 000	55.6	69.8	20 500	57.6	70.6	19 700	59.6	71.2	18 900	62.7	72.0	17 600							32.0
34.0	51.2	67.7	19 300*	52.7	68.3	19 000	54.8	69.2	18 300	56.8	70.0	17 600	60.0	70.8	16 300							34.0
36.0	48.1	65.9	17 700*	49.6	66.7	17 700	51.8	67.7	17 000	53.9	68.6	16 300	57.2	69.6	15 100							36.0
38.0	44.9	64.0	16 300*	46.5	64.9	16 400	48.7	66.0	15 700	50.9	67.0	15 100	54.4	68.2	14 000							38.0
40.0	41.4	61.8	15 000*	43.1	62.8	15 200	45.5	64.1	14 600	47.8	65.3	13 900	51.4	66.7	13 000	54.8	67.6	12 000				40.0
42.0	37.7	59.4	13 900*	39.5	60.5	14 100	42.1	62.0	13 500	44.5	63.3	12 900	48.3	65.0	12 000	51.8	66.1	11 000				42.0
44.0	33.6	56.5	12 900*	35.6	57.9	13 100	38.4	59.6	12 600	41.0	61.1	12 000	45.1	63.1	11 100	48.8	64.4	10 200				44.0
46.0	29.0	53.2	12 100*	31.3	54.8	12 300	34.4	56.9	11 700	37.3	58.6	11 200	41.6	60.9	10 300	45.5	62.5	9 500	49.0	63.6	8 700	46.0
48.0	23.6	49.1	11 300*	26.3	51.1	11 500	29.9	53.6	11 000	33.2	55.7	10 400	37.9	58.5	9 600	42.1	60.4	8 800	45.8	61.8	8 000	48.0
50.0	16.7	43.5	10 200*	20.3	46.3	10 800	24.8	49.7	10 200	28.5	52.3	9 700	33.9	55.7	8 900	38.4	58.0	8 200	42.4	59.7	7 400	50.0
52.0							18.2	44.5	9 600	23.0	48.1	9 100	29.3	52.3	8 400	34.4	55.3	7 600	38.8	57.3	6 900	52.0
54.0										15.8	42.3	8 600	24.0	48.3	7 800	30.0	52.0	7 100	34.8	54.6	6 400	54.0
56.0													17.2	42.8	7 300	24.8	48.1	6 600	30.4	51.4	5 900	56.0
58.0																18.2	42.9	6 200	25.3	47.5	5 600	58.0
60.0																			18.9	42.5	5 200	60.0
62.0																			8.7	34.1	4 900	62.0



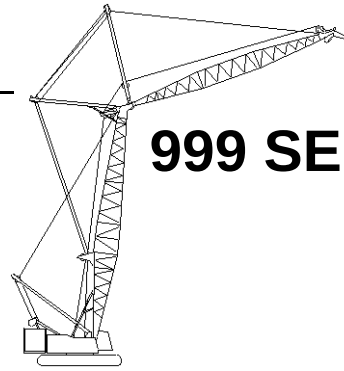
Liftcrane Luffing Jib Capacities

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**

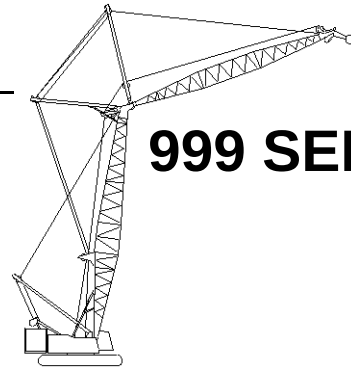
**Maximum Operating Wind Speeds
(all boom lengths)**

10 m/s with 21.3m thru 33.5m Luffing Jib
7 m/s with 36.6m thru 61.0m Luffing Jib
5 m/s with 64.0m thru 73.2m Luffing Jib



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.	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	
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	34 400																20.0
22.0	69.1	78.2	30 400*	70.3	78.4	31 000																22.0
24.0	66.7	77.3	29 000	67.9	77.7	28 200	69.6	78.0	27 200													24.0
26.0	64.3	76.4	26 500	65.5	76.8	25 800	67.2	77.2	24 900													26.0
28.0	61.8	75.4	24 300	63.0	75.8	23 700	64.8	76.3	22 800	66.5	76.7	22 000										28.0
30.0	59.2	74.2	22 500	60.5	74.7	21 900	62.3	75.3	21 100	64.0	75.8	20 300										30.0
32.0	56.6	72.9	20 800	57.9	73.5	20 300	59.7	74.2	19 500	61.5	74.7	18 700										32.0
34.0	53.9	71.5	19 300	55.2	72.1	18 800	57.1	72.9	18 100	59.0	73.6	17 300	61.9	74.3	16 100							34.0
36.0	51.1	70.0	17 800*	52.5	70.7	17 500	54.4	71.6	16 800	56.4	72.3	16 100	59.4	73.2	15 000							36.0
38.0	48.2	68.2	16 300*	49.6	69.0	16 400	51.7	70.0	15 700	53.6	70.9	15 000	56.8	71.9	13 900							38.0
40.0	45.1	66.3	15 100*	46.6	67.2	15 200	48.8	68.3	14 600	50.8	69.3	13 900	54.1	70.5	13 000	57.1	71.3	12 000				40.0
42.0	41.9	64.2	14 000*	43.5	65.2	14 100	45.7	66.5	13 500	47.9	67.6	12 900	51.3	69.0	12 000	54.4	70.0	11 000				42.0
44.0	38.4	61.8	12 900*	40.1	62.9	13 100	42.5	64.4	12 600	44.8	65.6	12 000	48.4	67.3	11 100	51.7	68.4	10 200				44.0
46.0	34.7	59.0	12 000*	36.5	60.3	12 200	39.1	62.0	11 700	41.6	63.5	11 200	45.3	65.4	10 300	48.8	66.7	9 400	51.9	67.6	8 600	46.0
48.0	30.5	55.9	11 200*	32.6	57.4	11 400	35.4	59.3	10 900	38.1	61.0	10 400	42.1	63.2	9 600	45.7	64.9	8 800	49.0	65.9	8 000	48.0
50.0	25.8	52.1	10 500*	28.1	53.9	10 700	31.4	56.3	10 200	34.3	58.2	9 700	38.6	60.9	8 900	42.5	62.8	8 100	46.0	64.1	7 400	50.0
52.0	20.0	47.2	9 800*	22.9	49.6	10 000	26.7	52.6	9 600	30.1	55.0	9 100	34.9	58.1	8 300	39.1	60.4	7 600	42.8	62.0	6 800	52.0
54.0	11.6	39.9	8 100*	16.2	43.8	9 200	21.2	48.0	9 000	25.2	51.1	8 500	30.8	55.0	7 800	35.4	57.7	7 000	39.5	59.7	6 300	54.0
56.0							13.6	41.4	8 400	19.3	46.1	8 000	26.1	51.2	7 300	31.4	54.7	6 600	35.8	57.0	5 900	56.0
58.0													20.4	46.5	6 800	26.7	51.0	6 100	31.8	54.0	5 500	58.0
60.0													12.3	39.4	6 400	21.2	46.4	5 700	27.2	50.4	5 100	60.0
62.0																13.6	39.9	5 300	21.8	45.9	4 700	62.0
64.0																			14.5	39.7	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**

**Maximum Operating Wind Speeds
(all boom lengths)**

**10 m/s with 21.3m thru 33.5m Luffing Jib
7 m/s with 36.6m thru 61.0m Luffing Jib
5 m/s with 64.0m thru 73.2m Luffing Jib**

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.	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	
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	30 600																22.0
24.0	68.1	80.6	27 000*	69.2	80.9	27 600																24.0
26.0	65.8	79.8	25 900	66.9	80.1	25 300	68.5	80.5	24 300													26.0
28.0	63.5	78.8	23 800	64.6	79.2	23 200	66.3	79.7	22 300													28.0
30.0	61.1	77.7	22 000	62.3	78.2	21 400	63.9	78.7	20 500	65.6	79.2	19 700										30.0
32.0	58.7	76.6	20 300	59.9	77.1	19 800	61.6	77.7	19 000	63.3	78.2	18 200										32.0
34.0	56.2	75.3	18 900	57.4	75.8	18 400	59.2	76.5	17 600	60.9	77.1	16 800										34.0
36.0	53.7	73.8	17 500	54.9	74.5	17 100	56.7	75.3	16 300	58.5	75.9	15 600	61.3	76.7	14 500							36.0
38.0	51.0	72.3	16 000*	52.3	73.0	15 900	54.1	73.9	15 200	56.0	74.6	14 600	58.9	75.6	13 500							38.0
40.0	48.2	70.5	14 800*	49.6	71.3	14 900	51.5	72.3	14 200	53.4	73.2	13 600	56.4	74.3	12 500							40.0
42.0	45.4	68.6	13 600*	46.8	69.5	13 800	48.8	70.6	13 300	50.7	71.6	12 700	53.8	72.9	11 700	56.7	73.7	10 700				42.0
44.0	42.3	66.5	12 600*	43.8	67.5	12 800	45.9	68.8	12 300	48.0	69.9	11 700	51.2	71.3	10 800	54.2	72.3	9 900				44.0
46.0	39.1	64.2	11 700*	40.7	65.2	12 000	42.9	66.7	11 400	45.1	67.9	10 900	48.4	69.6	10 000	51.5	70.7	9 100				46.0
48.0	35.6	61.5	10 900*	37.3	62.7	11 200	39.7	64.4	10 700	42.0	65.8	10 100	45.5	67.7	9 300	48.8	69.0	8 500	51.8	69.9	7 600	48.0
50.0	31.8	58.5	10 100*	33.7	59.9	10 400	36.3	61.8	9 900	38.7	63.4	9 400	42.5	65.6	8 600	45.9	67.2	7 800	49.0	68.2	7 100	50.0
52.0	27.5	54.9	9 500*	29.6	56.6	9 800	32.6	58.8	9 300	35.2	60.7	8 800	39.3	63.2	8 000	42.9	65.1	7 200	46.2	66.4	6 500	52.0
54.0	22.5	50.5	8 900*	25.0	52.7	9 100	28.4	55.4	8 700	31.4	57.6	8 200	35.8	60.6	7 400	39.7	62.8	6 700	43.2	64.3	6 000	54.0
56.0	16.1	44.7	8 000*	19.4	47.7	8 600	23.5	51.2	8 100	27.1	54.0	7 700	32.0	57.6	7 000	36.3	60.2	6 300	40.0	62.0	5 600	56.0
58.0							17.5	45.7	7 600	21.9	49.5	7 200	27.8	54.0	6 500	32.6	57.2	5 800	36.6	59.5	5 100	58.0
60.0										15.2	43.4	6 800	22.8	49.7	6 100	28.4	53.8	5 400	32.9	56.6	4 700	60.0
62.0													16.5	44.0	5 700	23.6	49.6	5 000	28.8	53.2	4 400	62.0
64.0													4.7	32.9	5 300	17.5	44.1	4 700	24.1	49.1	4 100	64.0
66.0																			18.1	43.8	3 700	66.0
68.0																			8.9	35.2	3 500	68.0



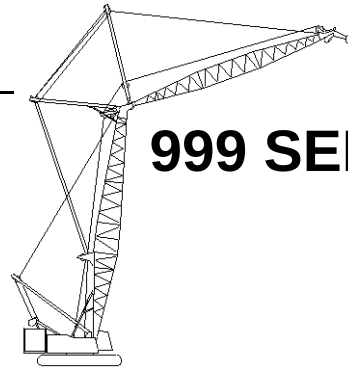
Liftcrane Luffing Jib Capacities

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**

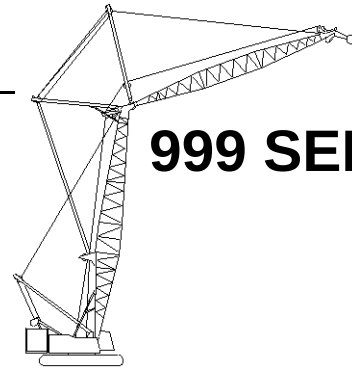
**Maximum Operating Wind Speeds
(all boom lengths)**

10 m/s with 21.3m thru 33.5m Luffing Jib
7 m/s with 36.6m thru 61.0m Luffing Jib
5 m/s with 64.0m thru 73.2m Luffing Jib



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	27 100																24.0
26.0	67.2	83.1	24 000*	68.2	83.4	24 800	69.7	83.8	23 900													26.0
28.0	65.0	82.2	23 500	66.0	82.6	22 800	67.6	83.0	21 900													28.0
30.0	62.8	81.2	21 600	63.8	81.6	21 000	65.4	82.1	20 200													30.0
32.0	60.5	80.1	20 000	61.6	80.6	19 400	63.2	81.1	18 600	64.8	81.6	17 900										32.0
34.0	58.2	78.9	18 500	59.3	79.4	18 000	61.0	80.1	17 200	62.6	80.6	16 500										34.0
36.0	55.9	77.6	17 200	57.0	78.2	16 700	58.7	78.9	16 000	60.3	79.5	15 300										36.0
38.0	53.4	76.1	15 900	54.6	76.8	15 600	56.3	77.6	14 900	58.0	78.3	14 200	60.7	79.1	13 200							38.0
40.0	50.9	74.6	14 600*	52.1	75.3	14 600	53.9	76.2	13 900	55.6	76.9	13 300	58.4	77.9	12 300							40.0
42.0	48.3	72.8	13 500*	49.5	73.6	13 700	51.4	74.6	13 000	53.2	75.5	12 400	56.0	76.6	11 400							42.0
44.0	45.6	70.9	12 400*	46.9	71.8	12 700	48.8	72.9	12 200	50.6	73.9	11 600	53.6	75.2	10 600	56.3	76.0	9 700				44.0
46.0	42.7	68.9	11 500*	44.1	69.8	11 800	46.1	71.1	11 300	48.0	72.2	10 700	51.0	73.6	9 800	53.9	74.6	9 000				46.0
48.0	39.7	66.5	10 700*	41.1	67.6	11 000	43.2	69.0	10 500	45.3	70.2	10 000	48.4	71.9	9 100	51.4	73.0	8 300				48.0
50.0	36.4	63.9	9 900*	38.0	65.1	10 300	40.3	66.7	9 800	42.4	68.1	9 300	45.7	70.0	8 500	48.8	71.3	7 700				50.0
52.0	32.9	61.0	9 300*	34.6	62.4	9 500*	37.1	64.2	9 100	39.3	65.8	8 600	42.9	67.9	7 800	46.1	69.5	7 100	49.0	70.5	6 300	52.0
54.0	29.0	57.6	8 600*	30.9	59.2	8 900*	33.6	61.4	8 500	36.1	63.2	8 100	39.8	65.6	7 300	43.3	67.4	6 600	46.3	68.7	5 900	54.0
56.0	24.6	53.6	8 100*	26.8	55.5	8 300*	29.8	58.1	8 000	32.5	60.2	7 500	36.6	63.0	6 800	40.3	65.2	6 100	43.5	66.7	5 400	56.0
58.0	19.2	48.5	7 600*	21.9	51.0	7 800*	25.5	54.2	7 500	28.6	56.8	7 100	33.1	60.1	6 300	37.1	62.6	5 600	40.5	64.4	5 000	58.0
60.0	11.5	41.0	6 100*	15.6	45.0	7 200*	20.3	49.3	7 000	24.1	52.6	6 600	29.3	56.8	5 900	33.6	59.8	5 200	37.4	61.9	4 600	60.0
62.0							13.3	42.6	6 600	18.5	47.4	6 200	24.9	52.8	5 500	29.8	56.5	4 800	33.9	59.1	4 200	62.0
64.0										10.4	39.4	5 800	19.5	47.8	5 100	25.5	52.6	4 500	30.2	55.8	3 900	64.0
66.0													12.1	40.5	4 800	20.3	47.8	4 200	25.9	52.0	3 600	66.0
68.0																13.3	41.0	3 900	20.8	47.3	3 300	68.0
70.0																			14.1	40.8	3 000	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**

**Maximum Operating Wind Speeds
(all boom lengths)**

**10 m/s with 21.3m thru 33.5m Luffing Jib
7 m/s with 36.6m thru 61.0m Luffing Jib
5 m/s with 64.0m thru 73.2m Luffing Jib**

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.	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	
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	24 300	70.8	87.1	23 300													26.0
28.0	66.3	85.6	21 100*	67.3	85.9	22 300	68.8	86.3	21 400													28.0
30.0	64.3	84.6	20 800	65.3	85.0	20 500	66.7	85.5	19 700													30.0
32.0	62.1	83.6	19 500	63.2	84.0	19 000	64.7	84.6	18 100	66.1	85.0	17 400										32.0
34.0	60.0	82.5	18 000	61.0	82.9	17 500	62.5	83.5	16 800	64.0	84.0	16 000										34.0
36.0	57.8	81.2	16 800	58.8	81.8	16 300	60.4	82.4	15 600	61.9	83.0	14 900										36.0
38.0	55.5	79.9	15 600	56.6	80.5	15 200	58.2	81.2	14 500	59.8	81.8	13 800										38.0
40.0	53.2	78.5	14 300*	54.3	79.1	14 100	56.0	79.9	13 500	57.6	80.6	12 800	60.1	81.5	11 800							40.0
42.0	50.8	76.9	13 200*	52.0	77.6	13 200	53.6	78.5	12 600	55.3	79.3	12 000	57.9	80.2	10 900							42.0
44.0	48.3	75.1	12 200*	49.5	75.9	12 400	51.3	76.9	11 800	53.0	77.8	11 200	55.7	78.9	10 200							44.0
46.0	45.7	73.3	11 300*	47.0	74.1	11 600	48.8	75.2	11 000	50.6	76.2	10 400	53.3	77.5	9 500	56.0	78.3	8 600				46.0
48.0	43.0	71.2	10 400*	44.3	72.1	10 800	46.2	73.4	10 200	48.1	74.5	9 700	50.9	75.9	8 800	53.6	76.9	8 000				48.0
50.0	40.2	68.9	9 700*	41.6	69.9	10 000	43.6	71.3	9 500	45.5	72.6	9 000	48.5	74.2	8 200	51.3	75.3	7 400				50.0
52.0	37.1	66.4	9 000*	38.6	67.5	9 300*	40.7	69.1	8 900	42.7	70.5	8 400	45.9	72.3	7 600	48.8	73.6	6 800	51.5	74.5	6 000	52.0
54.0	33.9	63.5	8 300*	35.5	64.9	8 600*	37.7	66.6	8 200	39.9	68.2	7 800	43.2	70.2	7 000	46.2	71.8	6 300	49.0	72.8	5 600	54.0
56.0	30.3	60.3	7 800*	32.0	61.8	8 000*	34.5	63.8	7 700	36.8	65.6	7 300	40.3	68.0	6 500	43.6	69.7	5 800	46.5	71.0	5 100	56.0
58.0	26.3	56.5	7 200*	28.3	58.3	7 500*	31.0	60.7	7 200	33.5	62.7	6 800	37.3	65.5	6 100	40.7	67.5	5 300	43.8	69.0	4 700	58.0
60.0	21.6	51.9	6 800*	23.9	54.2	7 000*	27.1	57.0	6 700	29.9	59.4	6 300	34.1	62.6	5 600	37.7	65.0	4 900	41.0	66.8	4 300	60.0
62.0	15.6	45.8	6 100*	18.7	48.9	6 500*	22.5	52.6	6 300	25.8	55.6	5 900	30.5	59.4	5 200	34.5	62.3	4 500	38.0	64.3	3 900	62.0
64.0	4.1	33.8	4 000*	11.2	41.2	5 600*	16.9	46.9	5 900	21.0	50.9	5 500	26.5	55.7	4 900	31.0	59.1	4 200	34.8	61.6	3 600	64.0
66.0										14.8	44.6	5 100	21.9	51.2	4 500	27.1	55.4	3 900	31.4	58.4	3 300	66.0
68.0													16.0	45.2	4 200	22.6	51.0	3 600	27.5	54.8	3 000	68.0
70.0													5.5	34.3	4 000	16.9	45.3	3 300	23.0	50.5	2 700	70.0
72.0																			17.5	45.0	2 500	72.0
74.0																			9.1	36.3	2 300	74.0



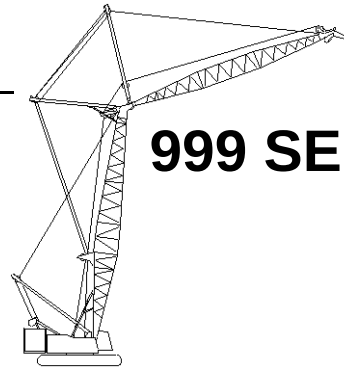
Liftcrane Luffing Jib Capacities

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**

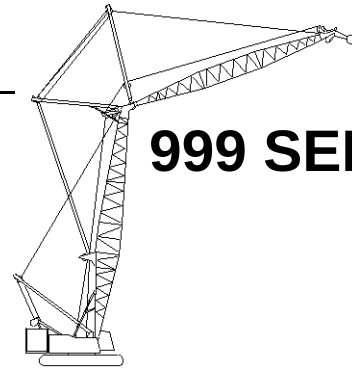
**Maximum Operating Wind Speeds
(all boom lengths)**

10 m/s with 21.3m thru 33.5m Luffing Jib
7 m/s with 36.6m thru 61.0m Luffing Jib
5 m/s with 64.0m thru 73.2m Luffing Jib



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	21 600	69.8	89.6	20 900												28.0	
30.0	65.6	88.0	18 700*	66.5	88.3	20 400	67.9	88.8	19 600												30.0	
32.0	63.6	87.0	18 500*	64.5	87.4	18 800	65.9	87.9	18 000	67.3	88.3	17 200									32.0	
34.0	61.6	86.0	18 000	62.5	86.4	17 400	64.0	87.0	16 700	65.4	87.4	15 900									34.0	
36.0	59.5	84.8	16 700	60.5	85.3	16 200	61.9	85.9	15 500	63.4	86.4	14 700									36.0	
38.0	57.4	83.6	15 500	58.4	84.1	15 100	59.9	84.8	14 400	61.3	85.4	13 700									38.0	
40.0	55.2	82.2	14 500	56.3	82.8	14 100	57.8	83.6	13 400	59.3	84.2	12 800	61.7	85.0	11 700						40.0	
42.0	53.0	80.8	13 300*	54.1	81.4	13 100	55.6	82.2	12 500	57.2	82.9	11 900	59.6	83.8	10 900						42.0	
44.0	50.7	79.2	12 300*	51.8	79.9	12 300	53.4	80.8	11 700	55.0	81.6	11 100	57.5	82.6	10 100						44.0	
46.0	48.3	77.4	11 300*	49.5	78.2	11 500	51.2	79.2	10 900	52.8	80.1	10 300	55.4	81.2	9 400						46.0	
48.0	45.9	75.6	10 500*	47.1	76.4	10 800	48.8	77.5	10 200	50.5	78.5	9 700	53.1	79.8	8 700	55.6	80.6	7 900			48.0	
50.0	43.3	73.5	9 700*	44.6	74.4	10 100	46.4	75.7	9 500	48.1	76.8	9 000	50.9	78.2	8 200	53.4	79.2	7 300			50.0	
52.0	40.6	71.3	9 000*	41.9	72.3	9 300*	43.8	73.7	8 900	45.6	74.9	8 400	48.5	76.5	7 600	51.2	77.6	6 800			52.0	
54.0	37.8	68.8	8 400*	39.2	69.9	8 700*	41.2	71.5	8 300	43.1	72.8	7 800	46.0	74.6	7 000	48.8	75.9	6 300	51.4	76.8	5 600	54.0
56.0	34.7	66.0	7 800*	36.2	67.3	8 000*	38.3	69.0	7 700	40.3	70.5	7 300	43.5	72.6	6 500	46.4	74.1	5 800	49.0	75.1	5 100	56.0
58.0	31.4	62.9	7 200*	33.0	64.4	7 500*	35.3	66.3	7 200	37.5	68.0	6 800	40.8	70.3	6 100	43.8	72.1	5 300	46.6	73.3	4 700	58.0
60.0	27.7	59.3	6 700*	29.5	61.0	6 900*	32.1	63.3	6 700	34.4	65.2	6 300	38.0	67.9	5 600	41.2	69.9	4 900	44.1	71.3	4 300	60.0
62.0	23.6	55.1	6 300*	25.6	57.1	6 500*	28.5	59.8	6 300	31.1	62.1	5 900	34.9	65.1	5 200	38.3	67.4	4 500	41.4	69.1	3 900	62.0
64.0	18.5	49.8	5 800*	21.0	52.4	6 000*	24.4	55.7	5 800	27.3	58.4	5 400	31.6	62.0	4 800	35.3	64.7	4 200	38.6	66.7	3 500	64.0
66.0	11.4	42.1	4 600*	15.2	46.2	5 500*	19.5	50.7	5 500	23.1	54.1	5 100	28.0	58.5	4 400	32.1	61.7	3 800	35.6	64.0	3 200	66.0
68.0							13.0	43.7	5 100	17.9	48.7	4 700	23.8	54.3	4 100	28.5	58.2	3 500	32.4	61.0	2 900	68.0
70.0										10.4	40.5	4 400	18.8	49.1	3 800	24.4	54.1	3 200	28.8	57.6	2 700	70.0
72.0													11.9	41.6	3 500	19.6	49.1	2 900	24.8	53.6	2 400	72.0
74.0																			20.1	48.6	2 200	74.0
76.0																			13.8	41.9	1 900	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**

**Maximum Operating Wind Speeds
(all boom lengths)**

**10 m/s with 21.3m thru 33.5m Luffing Jib
7 m/s with 36.6m thru 61.0m Luffing Jib
5 m/s with 64.0m thru 73.2m Luffing Jib**

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.	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	
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	18 700													30.0
32.0	64.9	90.4	16 600*	65.8	90.8	18 300	67.1	91.2	17 500													32.0
34.0	63.0	89.4	16 400*	63.9	89.8	17 000	65.2	90.4	16 200	66.6	90.7	15 500										34.0
36.0	61.0	88.3	16 000	62.0	88.8	15 800	63.3	89.4	15 000	64.7	89.8	14 300										36.0
38.0	59.0	87.2	15 100	60.0	87.7	14 700	61.4	88.3	13 900	62.8	88.8	13 200										38.0
40.0	57.0	85.9	14 100	58.0	86.5	13 600	59.4	87.2	13 000	60.8	87.7	12 300										40.0
42.0	54.9	84.5	13 100	55.9	85.1	12 700	57.4	85.9	12 100	58.8	86.6	11 400	61.1	87.3	10 400							42.0
44.0	52.8	83.1	12 000*	53.8	83.7	11 900	55.3	84.6	11 300	56.8	85.3	10 600	59.2	86.2	9 700							44.0
46.0	50.6	81.5	11 100*	51.7	82.2	11 100	53.2	83.1	10 500	54.7	83.9	9 900	57.1	84.9	9 000							46.0
48.0	48.4	79.7	10 200*	49.5	80.5	10 400	51.1	81.5	9 800	52.6	82.4	9 300	55.1	83.6	8 300							48.0
50.0	46.0	77.9	9 500*	47.2	78.7	9 800	48.8	79.8	9 200	50.4	80.8	8 700	53.0	82.1	7 800	55.4	83.0	6 900				50.0
52.0	43.6	75.8	8 700*	44.8	76.8	9 000*	46.5	78.0	8 600	48.1	79.1	8 100	50.8	80.5	7 200	53.2	81.5	6 400				52.0
54.0	41.0	73.6	8 100*	42.3	74.6	8 400*	44.1	76.0	8 000	45.8	77.2	7 500	48.5	78.8	6 700	51.1	79.9	5 900				54.0
56.0	38.3	71.2	7 500*	39.7	72.3	7 700*	41.5	73.8	7 500	43.3	75.1	7 000	46.2	76.9	6 300	48.8	78.2	5 500	51.3	79.1	4 700	56.0
58.0	35.5	68.5	6 900*	36.9	69.7	7 200*	38.9	71.4	7 000	40.8	72.9	6 500	43.7	74.9	5 800	46.5	76.4	5 100	49.0	77.4	4 400	58.0
60.0	32.4	65.5	6 400*	33.9	66.9	6 600*	36.0	68.8	6 400	38.1	70.4	6 000	41.2	72.7	5 300	44.1	74.4	4 600	46.7	75.6	4 000	60.0
62.0	29.0	62.1	6 000*	30.7	63.7	6 100*	33.0	65.8	6 000	35.2	67.7	5 600	38.5	70.3	4 900	41.5	72.2	4 200	44.3	73.6	3 600	62.0
64.0	25.2	58.1	5 500*	27.1	60.0	5 700*	29.7	62.5	5 600	32.1	64.6	5 200	35.7	67.6	4 500	38.9	69.8	3 900	41.8	71.4	3 300	64.0
66.0	20.8	53.3	5 100*	23.0	55.6	5 300*	26.0	58.6	5 200	28.6	61.2	4 800	32.6	64.6	4 200	36.0	67.2	3 500	39.1	69.1	3 000	66.0
68.0	15.1	47.0	4 500*	18.0	50.2	5 000*	21.7	54.0	4 900	24.8	57.2	4 500	29.2	61.2	3 800	33.0	64.2	3 300	36.3	66.5	2 600	68.0
70.0	5.0	35.4	2 800*	11.1	42.3	4 100*	16.4	48.1	4 500	20.3	52.2	4 100	25.5	57.3	3 500	29.7	60.9	3 000	33.3	63.5	2 400	70.0
72.0										14.4	45.7	3 800	21.1	52.5	3 300	26.0	57.1	2 700	30.0	60.3	2 100	72.0
74.0													15.5	46.4	3 000	21.7	52.5	2 400	26.4	56.5	1 900	74.0
76.0													6.1	35.6	2 700	16.4	46.5	2 200				76.0



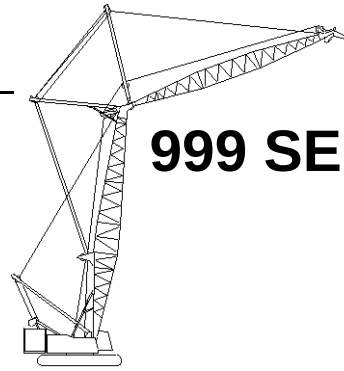
Liftcrane Luffing Jib Capacities

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**

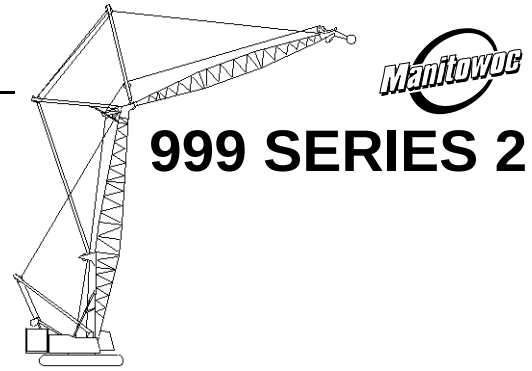
**Maximum Operating Wind Speeds
(all boom lengths)**

10 m/s with 21.3m thru 33.5m Luffing Jib
7 m/s with 36.6m thru 61.0m Luffing Jib
5 m/s with 64.0m thru 73.2m Luffing Jib



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

**Maximum Operating Wind Speeds
(all boom lengths)**

**10 m/s with 21.3m thru 33.5m Luffing Jib
7 m/s with 36.6m thru 61.0m Luffing Jib
5 m/s with 64.0m thru 73.2m Luffing Jib**

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	16 000	67.4	97.0	15 500												34.0	
36.0	63.6	95.2	13 800*	64.5	95.6	15 000	65.7	96.1	14 200	66.9	96.5	13 500									36.0	
38.0	61.9	94.2	13 600*	62.7	94.6	13 900	64.0	95.2	13 200	65.2	95.6	12 500									38.0	
40.0	60.1	93.1	13 300	60.9	93.6	12 900	62.2	94.2	12 200	63.5	94.6	11 600									40.0	
42.0	58.2	91.9	12 500	59.1	92.4	12 000	60.4	93.1	11 300	61.7	93.6	10 700									42.0	
44.0	56.4	90.6	11 600	57.3	91.1	11 200	58.6	91.9	10 500	59.9	92.5	10 000									44.0	
46.0	54.5	89.2	10 600*	55.4	89.8	10 400	56.7	90.6	9 800	58.1	91.2	9 200	60.2	92.1	8 300						46.0	
48.0	52.5	87.7	9 700*	53.5	88.3	9 700	54.8	89.2	9 100	56.2	89.9	8 600	58.4	90.9	7 700						48.0	
50.0	50.5	86.1	8 900*	51.5	86.8	9 100	52.9	87.7	8 500	54.3	88.5	8 000	56.5	89.6	7 100						50.0	
52.0	48.4	84.3	8 200*	49.4	85.1	8 500	50.9	86.1	7 900	52.3	87.0	7 400	54.6	88.2	6 600	56.7	89.0	5 800			52.0	
54.0	46.3	82.5	7 600*	47.3	83.3	7 900	48.8	84.4	7 400	50.3	85.4	6 900	52.6	86.7	6 000	54.8	87.6	5 300			54.0	
56.0	44.1	80.5	7 000*	45.1	81.4	7 300*	46.7	82.6	6 900	48.2	83.7	6 400	50.6	85.1	5 600	52.9	86.1	4 800			56.0	
58.0	41.8	78.3	6 400*	42.9	79.3	6 700*	44.5	80.6	6 500	46.1	81.8	6 000	48.6	83.4	5 200	50.9	84.5	4 400			58.0	
60.0	39.3	75.9	5 900*	40.5	77.0	6 100*	42.2	78.5	6 000	43.8	79.8	5 500	46.4	81.5	4 800	48.8	82.8	4 100	51.1	83.7	3 300	60.0
62.0	36.8	73.4	5 500*	38.0	74.5	5 600*	39.8	76.2	5 600	41.5	77.6	5 200	44.2	79.5	4 400	46.7	81.0	3 700	49.0	82.0	3 000	62.0
64.0	34.0	70.5	5 000*	35.4	71.8	5 200*	37.3	73.6	5 200	39.1	75.2	4 800	41.9	77.4	4 100	44.5	79.0	3 400	46.9	80.2	2 700	64.0
66.0	31.1	67.3	4 600*	32.5	68.8	4 800*	34.6	70.8	4 800	36.5	72.6	4 400	39.5	75.0	3 700	42.2	76.9	3 100	44.7	78.2	2 400	66.0
68.0	27.9	63.8	4 200*	29.5	65.5	4 400*	31.7	67.7	4 400	33.8	69.7	4 000	36.9	72.4	3 400	39.8	74.6	2 800	42.4	76.1	2 100	68.0
70.0	24.3	59.6	3 900*	26.1	61.6	4 100*	28.5	64.2	4 100	30.8	66.5	3 700	34.2	69.6	3 100	37.3	72.0	2 500	40.0	73.8	1 900	70.0
72.0	20.1	54.6	3 600*	22.2	57.1	3 700*	25.0	60.2	3 700	27.6	62.9	3 400	31.3	66.5	2 800	34.6	69.2	2 200				72.0
74.0	14.8	48.2	3 000*	17.5	51.4	3 400*	21.0	55.4	3 500	23.9	58.7	3 100	28.1	62.9	2 500	31.7	66.1	1 900				74.0
76.0				11.0	43.4	2 700*	15.9	49.3	3 200	19.6	53.6	2 800	24.5	58.8	2 300							76.0
78.0										14.1	46.8	2 600	20.4	53.9	2 000							78.0



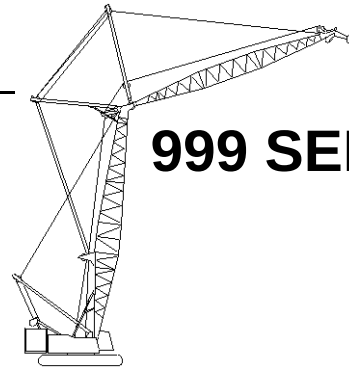
Liftcrane Luffing Jib Capacities

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**

**Maximum Operating Wind Speeds
(all boom lengths)**

10 m/s with 21.3m thru 33.5m Luffing Jib
7 m/s with 36.6m thru 61.0m Luffing Jib
5 m/s with 64.0m thru 73.2m Luffing Jib

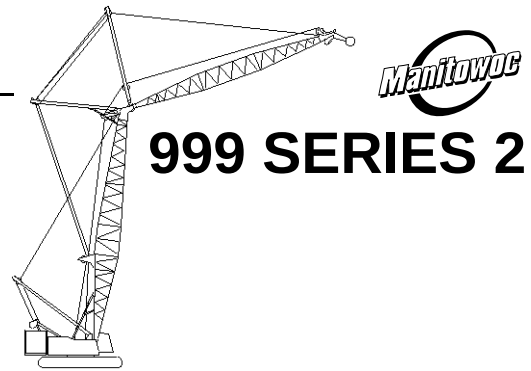


30.5m (100 Ft.) Boom, 21.3m (70 Ft.) Luffing Jib

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.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib 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	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 700b																14.0
16.0	54.4	50.1	49 200*	57.9	50.7	51 200b	62.9	51.5	49 600b													16.0
18.0	47.4	48.4	44 700*	51.2	49.2	45 300	56.6	50.2	43 800	61.6	51.0	42 400b										18.0
20.0	39.4	46.2	41 000	43.8	47.3	40 600	49.8	48.7	39 200	55.2	49.7	37 900										20.0
22.0	29.7	43.2	37 700	35.2	44.8	36 700	42.2	46.7	35 500	48.2	48.0	34 200	57.1	49.4	32 400b							22.0
24.0	14.8	38.0	29 500	23.9	41.1	33 000	33.1	44.0	32 000	40.4	45.9	31 000	50.3	47.9	29 300							24.0
26.0										30.9	43.0	27 800	42.8	46.0	26 300	52.1	47.5	24 800				26.0
28.0													33.9	43.3	23 800	44.8	45.7	22 400				28.0
30.0													22.0	39.4	21 700	36.4	43.2	20 400	46.5	45.0	19 200	30.0
32.0																25.6	39.8	18 700	38.4	42.8	17 600	32.0
34.0																			28.3	39.6	16 100	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.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib 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	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 100b	66.5	54.9	48 400b													16.0
18.0	53.8	52.4	43 600*	56.8	53.0	44 300	61.2	53.8	42 800													18.0
20.0	47.6	50.7	40 000*	51.0	51.5	39 700	55.7	52.6	38 300	60.1	53.3	37 000										20.0
22.0	40.8	48.5	36 800	44.5	49.7	35 900	49.7	51.0	34 600	54.4	52.0	33 400										22.0
24.0	32.7	45.8	33 400	37.2	47.3	32 700	43.1	49.0	31 600	48.3	50.3	30 400	56.1	51.8	28 700							24.0
26.0	22.2	41.8	29 900	28.3	44.0	29 400	35.5	46.5	28 500	41.6	48.3	27 600	50.2	50.2	26 000	57.6	51.3	24 500				26.0
28.0							26.0	43.0	25 800	33.7	45.6	25 000	43.6	48.3	23 500	51.7	49.8	22 100				28.0
30.0										23.6	41.8	22 700	36.1	45.8	21 400	45.4	48.0	20 100				30.0
32.0													26.9	42.4	19 600	38.2	45.7	18 400	46.8	47.3	17 200	32.0
34.0																29.5	42.6	16 900	39.8	45.1	15 800	34.0
36.0																17.2	37.7	15 600	31.6	42.3	14 600	36.0
38.0																			20.5	38.0	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**

**Maximum Operating Wind Speeds
(all boom lengths)**

10 m/s with 21.3m thru 33.5m Luffing Jib
7 m/s with 36.6m thru 61.0m Luffing Jib
5 m/s with 64.0m thru 73.2m Luffing Jib

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.	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	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 000b	69.3	58.2	47 400b													16.0
18.0	58.4	56.1	42 700*	60.9	56.6	43 400	64.7	57.3	41 900													18.0
20.0	53.3	54.7	39 100*	56.0	55.4	38 900	59.9	56.2	37 500	63.7	56.8	36 300										20.0
22.0	47.8	53.0	36 000	50.7	53.8	35 200	54.9	54.9	33 900	58.9	55.7	32 700										22.0
24.0	41.8	50.9	32 900	45.0	52.0	32 100	49.6	53.3	30 900	53.8	54.3	29 800										24.0
26.0	34.9	48.3	29 900	38.7	49.7	29 300	43.8	51.3	28 300	48.4	52.6	27 300	55.3	54.1	25 600							26.0
28.0	26.5	44.8	27 100	31.2	46.7	26 600	37.2	48.9	25 600	42.4	50.6	24 800	50.0	52.5	23 300							28.0
30.0	13.9	39.1	22 500*	21.5	42.5	24 200	29.5	45.8	23 400	35.7	48.1	22 600	44.2	50.6	21 200	51.4	52.1	19 900				30.0
32.0							18.9	41.2	21 500	27.5	44.7	20 700	37.8	48.2	19 400	45.8	50.3	18 200	52.6	51.4	17 000	32.0
34.0													30.1	45.2	17 800	39.5	48.1	16 700	47.1	49.6	15 600	34.0
36.0													19.9	40.7	16 500	32.3	45.2	15 400	41.0	47.5	14 300	36.0
38.0																23.0	41.2	14 200	34.0	44.8	13 200	38.0
40.0																			25.3	41.2	12 200	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.	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	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	47 800																16.0
18.0	61.9	59.6	41 700*	64.1	60.1	42 500	67.4	60.6	41 000													18.0
20.0	57.5	58.4	38 300*	59.8	59.0	38 000	63.2	59.7	36 700	66.5	60.2	35 400										20.0
22.0	52.8	57.0	35 200	55.3	57.7	34 400	58.9	58.5	33 200	62.3	59.2	32 000										22.0
24.0	47.9	55.3	32 100	50.6	56.1	31 300	54.4	57.2	30 200	58.0	58.0	29 100										24.0
26.0	42.5	53.2	29 500	45.4	54.3	28 700	49.5	55.6	27 600	53.4	56.6	26 600	59.2	57.7	24 900							26.0
28.0	36.5	50.7	26 900	39.8	52.1	26 300	44.3	53.7	25 400	48.5	54.9	24 400	54.7	56.4	22 900							28.0
30.0	29.5	47.6	24 500	33.4	49.3	24 000	38.6	51.3	23 100	43.1	52.9	22 300	49.9	54.8	20 900							30.0
32.0	20.3	43.1	22 200	25.6	45.6	22 000	31.9	48.4	21 200	37.2	50.5	20 400	44.7	52.9	19 100	51.2	54.4	17 800				32.0
34.0							23.6	44.5	19 500	30.3	47.4	18 700	39.0	50.6	17 500	46.1	52.6	16 300	47.3	51.9	13 900	34.0
36.0										21.5	43.2	17 300	32.5	47.8	16 100	40.6	50.4	15 000	41.8	49.9	12 900	36.0
38.0													24.4	44.0	14 900	34.3	47.7	13 900	34.3	47.7	13 900	38.0
40.0																26.7	44.2	12 900	35.7	47.3	11 900	40.0
42.0																16.0	38.9	12 000	28.5	44.0	11 000	42.0
44.0																			18.8	39.3	10 300	44.0



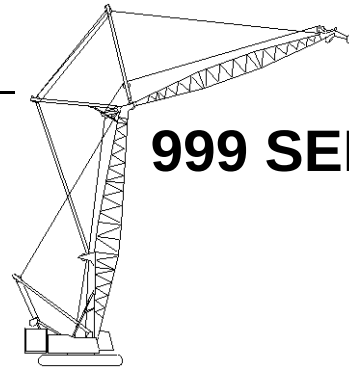
Liftcrane Luffing Jib Capacities

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**

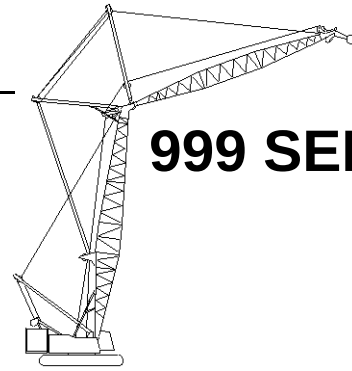
**Maximum Operating Wind Speeds
(all boom lengths)**

10 m/s with 21.3m thru 33.5m Luffing Jib
7 m/s with 36.6m thru 61.0m Luffing Jib
5 m/s with 64.0m thru 73.2m Luffing Jib



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*																			12.2
14.0	72.0	64.7	48 900*																			14.0
16.0	68.4	63.9	44 500*	70.3	64.3	46 700																16.0
18.0	64.6	63.0	40 700*	66.6	63.5	41 800																18.0
20.0	60.7	62.0	37 400*	62.8	62.5	37 400	65.8	63.1	36 100													20.0
22.0	56.7	60.7	34 500	58.9	61.3	33 800	62.0	62.1	32 600	65.0	62.6	31 500										22.0
24.0	52.5	59.3	31 600	54.8	60.0	30 800	58.0	60.9	29 700	61.2	61.6	28 600										24.0
26.0	48.0	57.6	29 000	50.4	58.4	28 200	53.9	59.5	27 200	57.2	60.3	26 200	62.3	61.3	24 500							26.0
28.0	43.2	55.6	26 700	45.8	56.6	26 000	49.5	57.9	25 000	53.0	58.9	24 100	58.4	60.1	22 500							28.0
30.0	37.8	53.2	24 500	40.7	54.4	23 900	44.8	56.0	23 000	48.5	57.2	22 200	54.2	58.7	20 700							30.0
32.0	31.7	50.2	22 400	35.1	51.8	21 900	39.6	53.7	21 000	43.7	55.3	20 300	49.8	57.1	19 000	55.3	58.2	17 600				32.0
34.0	24.3	46.3	20 600	28.5	48.5	20 100	33.8	51.0	19 400	38.4	52.9	18 600	45.2	55.2	17 400	51.0	56.7	16 200				34.0
36.0	13.2	40.2	17 300*	19.9	43.9	18 600	26.9	47.5	17 900	32.4	50.0	17 200	40.0	53.0	16 000	46.4	54.9	14 900				36.0
38.0							17.6	42.4	16 600	25.2	46.3	15 900	34.3	50.3	14 800	41.4	52.8	13 700	47.4	54.2	12 700	38.0
40.0													27.5	46.9	13 800	35.9	50.2	12 700	42.5	52.2	11 800	40.0
42.0													18.5	42.0	12 800	29.4	47.0	11 800	37.1	49.7	10 900	42.0
44.0																21.2	42.6	11 000	30.9	46.7	10 100	44.0
46.0																			23.2	42.7	9 400	46.0



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**

**Maximum Operating Wind Speeds
(all boom lengths)**

10 m/s with 21.3m thru 33.5m Luffing Jib
7 m/s with 36.6m thru 61.0m Luffing Jib
5 m/s with 64.0m thru 73.2m Luffing Jib

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.	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	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	41 100																18.0
20.0	63.4	65.5	36 500*	65.3	65.9	36 800	68.0	66.4	35 500													20.0
22.0	59.8	64.3	33 700*	61.7	64.9	33 300	64.5	65.5	32 100													22.0
24.0	56.1	63.1	31 100	58.1	63.7	30 300	61.0	64.5	29 200	63.8	65.0	28 100										24.0
26.0	52.2	61.6	28 500	54.3	62.3	27 800	57.3	63.2	26 700	60.2	63.9	25 700										26.0
28.0	48.1	59.9	26 300	50.3	60.7	25 600	53.5	61.8	24 600	56.5	62.7	23 700	61.3	63.6	22 100							28.0
30.0	43.7	57.9	24 300	46.1	58.9	23 700	49.4	60.2	22 800	52.6	61.2	21 800	57.6	62.4	20 400							30.0
32.0	38.9	55.6	22 400	41.5	56.8	21 800	45.1	58.3	21 000	48.5	59.5	20 100	53.8	61.0	18 800							32.0
34.0	33.5	52.8	20 500*	36.4	54.2	20 100	40.5	56.1	19 300	44.2	57.6	18 500	49.8	59.4	17 200	54.8	60.6	16 000				34.0
36.0	27.1	49.3	18 900*	30.7	51.2	18 500	35.3	53.5	17 800	39.4	55.3	17 100	45.5	57.6	15 900	50.8	59.0	14 700				36.0
38.0	18.9	44.4	17 200*	23.6	47.1	17 200	29.3	50.2	16 500	34.1	52.6	15 800	40.8	55.4	14 700	46.6	57.2	13 600				38.0
40.0							21.9	45.9	15 300	27.9	49.2	14 700	35.7	52.8	13 600	42.1	55.1	12 600	47.6	56.5	11 600	40.0
42.0										20.0	44.5	13 700	29.8	49.6	12 700	37.1	52.6	11 700	43.1	54.5	10 700	42.0
44.0													22.6	45.4	11 800	31.5	49.6	10 900	38.2	52.1	10 000	44.0
46.0																24.7	45.8	10 100	32.8	49.3	9 200	46.0
48.0																15.2	40.1	9 500	26.3	45.7	8 600	48.0
50.0																			17.7	40.5	8 100	50.0



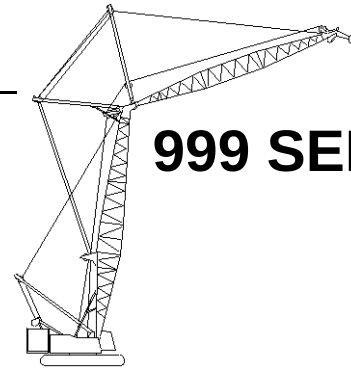
Liftcrane Luffing Jib Capacities

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**

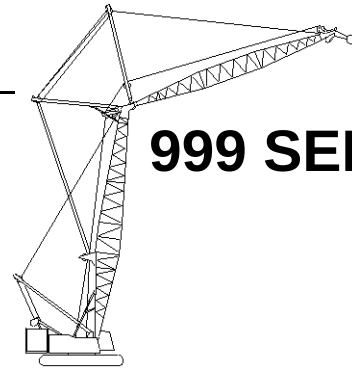
**Maximum Operating Wind Speeds
(all boom lengths)**

10 m/s with 21.3m thru 33.5m Luffing Jib
7 m/s with 36.6m thru 61.0m Luffing Jib
5 m/s with 64.0m thru 73.2m Luffing Jib



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	40 200																18.0
20.0	65.6	68.8	35 700*	67.3	69.2	36 100	69.8	69.7	34 800													20.0
22.0	62.4	67.8	33 000*	64.1	68.3	32 700	66.6	68.9	31 500													22.0
24.0	59.0	66.7	30 500	60.8	67.2	29 700	63.4	67.9	28 600	65.9	68.4	27 500										24.0
26.0	55.6	65.4	28 000	57.4	66.0	27 200	60.1	66.8	26 200	62.7	67.4	25 200										26.0
28.0	52.0	63.9	25 800	53.9	64.6	25 100	56.7	65.6	24 100	59.4	66.3	23 100										28.0
30.0	48.2	62.2	23 800	50.2	63.0	23 200	53.1	64.1	22 300	56.0	65.0	21 300	60.4	66.0	19 900							30.0
32.0	44.1	60.2	22 100	46.3	61.2	21 500	49.4	62.5	20 600	52.4	63.5	19 800	57.0	64.8	18 400							32.0
34.0	39.7	57.9	20 300*	42.1	59.1	19 800	45.4	60.6	19 100	48.6	61.8	18 300	53.4	63.3	17 000							34.0
36.0	34.9	55.3	18 600*	37.5	56.7	18 300	41.2	58.4	17 600	44.6	59.9	16 800	49.7	61.7	15 600	54.4	62.9	14 500				36.0
38.0	29.4	52.0	17 200*	32.4	53.7	16 900	36.5	55.9	16 300	40.2	57.7	15 600	45.8	59.9	14 400	50.7	61.3	13 300				38.0
40.0	22.6	47.8	16 000*	26.4	50.1	15 800	31.2	52.9	15 100	35.4	55.0	14 400	41.5	57.7	13 400	46.8	59.5	12 300	51.5	60.6	11 300	40.0
42.0	12.8	41.3	13 700*	18.7	45.2	14 700	25.0	49.0	14 000	30.0	51.9	13 400	36.9	55.2	12 400	42.7	57.5	11 400	47.7	58.8	10 500	42.0
44.0							16.6	43.6	13 100	23.5	47.8	12 500	31.7	52.2	11 600	38.1	55.1	10 600	43.6	56.9	9 700	44.0
46.0													25.5	48.5	10 800	33.1	52.2	9 900	39.2	54.5	9 000	46.0
48.0													17.4	43.2	10 100	27.2	48.7	9 200	34.3	51.8	8 400	48.0
50.0																19.8	44.0	8 600	28.6	48.4	7 800	50.0
52.0																			21.7	44.1	7 300	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**

**Maximum Operating Wind Speeds
(all boom lengths)**

**10 m/s with 21.3m thru 33.5m Luffing Jib
7 m/s with 36.6m thru 61.0m Luffing Jib
5 m/s with 64.0m thru 73.2m Luffing Jib**

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.	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	
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	39 300																18.0
20.0	67.5	72.2	34 800*	69.0	72.5	35 300																20.0
22.0	64.5	71.3	32 300*	66.1	71.7	32 000	68.4	72.2	30 800													22.0
24.0	61.5	70.2	29 800	63.1	70.7	29 100	65.5	71.3	28 000													24.0
26.0	58.3	69.0	27 300	60.0	69.6	26 600	62.5	70.3	25 600	64.8	70.8	24 500										26.0
28.0	55.1	67.7	25 200	56.8	68.4	24 500	59.4	69.2	23 500	61.8	69.8	22 500										28.0
30.0	51.8	66.2	23 300	53.6	66.9	22 600	56.2	67.9	21 700	58.7	68.6	20 800										30.0
32.0	48.2	64.5	21 600	50.1	65.3	21 000	52.9	66.4	20 100	55.5	67.3	19 200	59.6	68.4	17 800							32.0
34.0	44.5	62.5	20 000*	46.5	63.5	19 500	49.4	64.8	18 700	52.1	65.8	17 800	56.4	67.1	16 500							34.0
36.0	40.5	60.3	18 400*	42.6	61.4	18 000	45.7	62.9	17 300	48.6	64.1	16 500	53.1	65.6	15 300							36.0
38.0	36.1	57.7	16 900*	38.4	59.1	16 700	41.8	60.8	16 000	44.9	62.2	15 300	49.7	64.0	14 100	54.0	65.2	13 000				38.0
40.0	31.1	54.7	15 700*	33.8	56.3	15 500	37.5	58.3	14 800	40.9	60.0	14 100	46.0	62.2	13 000	50.6	63.6	12 000				40.0
42.0	25.4	50.8	14 600*	28.6	52.9	14 400	32.8	55.4	13 800	36.6	57.5	13 100	42.1	60.1	12 100	47.0	61.8	11 100	51.3	62.9	10 100	42.0
44.0	17.9	45.7	13 300*	22.2	48.6	13 500	27.4	51.9	12 800	31.7	54.5	12 200	37.9	57.6	11 200	43.1	59.8	10 300	47.8	61.2	9 300	44.0
46.0							20.6	47.3	12 000	26.1	50.8	11 400	33.2	54.8	10 500	39.0	57.4	9 500	44.0	59.2	8 700	46.0
48.0										18.9	45.8	10 700	27.8	51.3	9 800	34.5	54.7	8 900	39.9	56.9	8 000	48.0
50.0													21.2	46.8	9 100	29.3	51.4	8 300	35.5	54.3	7 400	50.0
52.0																23.1	47.3	7 700	30.5	51.1	6 900	52.0
54.0																14.5	41.2	7 200	24.6	47.2	6 500	54.0
56.0																			16.8	41.7	6 000	56.0



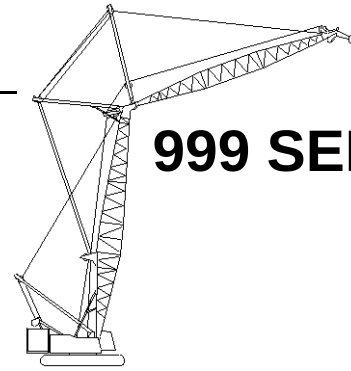
Liftcrane Luffing Jib Capacities

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**

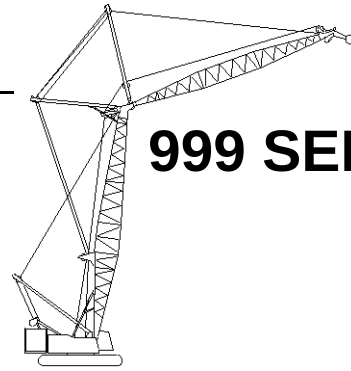
**Maximum Operating Wind Speeds
(all boom lengths)**

10 m/s with 21.3m thru 33.5m Luffing Jib
7 m/s with 36.6m thru 61.0m Luffing Jib
5 m/s with 64.0m thru 73.2m Luffing Jib



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	34 800																20.0
22.0	66.3	74.6	31 400*	67.8	75.0	31 400	69.9	75.5	30 300													22.0
24.0	63.5	73.7	29 200	65.0	74.1	28 600	67.2	74.6	27 500													24.0
26.0	60.7	72.6	26 900	62.2	73.1	26 200	64.4	73.7	25 200	66.6	74.2	24 100										26.0
28.0	57.8	71.4	24 700	59.3	72.0	24 100	61.6	72.7	23 100	63.8	73.2	22 100										28.0
30.0	54.7	70.0	22 900	56.3	70.7	22 200	58.7	71.5	21 300	61.0	72.2	20 400										30.0
32.0	51.6	68.5	21 200	53.3	69.2	20 600	55.7	70.2	19 700	58.1	71.0	18 900	61.8	71.9	17 500							32.0
34.0	48.3	66.8	19 700	50.0	67.6	19 200	52.6	68.7	18 300	55.1	69.6	17 500	58.9	70.7	16 200							34.0
36.0	44.8	64.9	18 200*	46.7	65.8	17 900	49.4	67.1	17 100	51.9	68.1	16 300	56.0	69.4	15 100							36.0
38.0	41.1	62.7	16 800*	43.1	63.8	16 500	45.9	65.2	15 800	48.6	66.4	15 100	52.8	68.0	14 000							38.0
40.0	37.0	60.2	15 500*	39.2	61.5	15 300	42.3	63.1	14 700	45.2	64.5	14 000	49.6	66.3	12 900	53.7	67.5	11 800				40.0
42.0	32.6	57.2	14 400*	35.0	58.8	14 200	38.4	60.7	13 600	41.5	62.4	13 000	46.2	64.5	11 900	50.5	65.9	10 900				42.0
44.0	27.5	53.7	13 400*	30.3	55.6	13 300	34.1	58.0	12 700	37.5	59.9	12 100	42.6	62.4	11 100	47.1	64.1	10 100				44.0
46.0	21.3	49.2	12 500*	24.8	51.7	12 400	29.3	54.7	11 900	33.1	57.0	11 300	38.7	60.0	10 300	43.6	62.1	9 400	47.9	63.5	8 500	46.0
48.0	12.5	42.4	10 700*	17.7	46.4	11 600	23.5	50.5	11 100	28.1	53.6	10 500	34.4	57.3	9 600	39.7	59.8	8 700	44.3	61.5	7 800	48.0
50.0							15.9	44.8	10 400	22.1	49.2	9 800	29.7	54.0	9 000	35.6	57.2	8 100	40.6	59.3	7 300	50.0
52.0													24.0	50.0	8 400	31.0	54.1	7 600	36.5	56.7	6 800	52.0
54.0													16.6	44.4	7 900	25.6	50.3	7 000	32.0	53.7	6 300	54.0
56.0																18.8	45.3	6 600	26.8	50.1	5 900	56.0
58.0																			20.5	45.4	5 500	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**

**Maximum Operating Wind Speeds
(all boom lengths)**

**10 m/s with 21.3m thru 33.5m Luffing Jib
7 m/s with 36.6m thru 61.0m Luffing Jib
5 m/s with 64.0m thru 73.2m Luffing Jib**

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.	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	
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	34 200																20.0
22.0	67.9	78.0	30 700*	69.2	78.3	31 000																22.0
24.0	65.3	77.1	28 500*	66.7	77.5	28 200	68.7	77.9	27 100													24.0
26.0	62.7	76.1	26 600	64.1	76.5	25 800	66.1	77.1	24 800													26.0
28.0	60.0	75.0	24 400	61.4	75.5	23 700	63.5	76.1	22 800	65.6	76.6	21 800										28.0
30.0	57.2	73.7	22 600	58.7	74.3	21 900	60.9	75.1	21 000	63.0	75.6	20 100										30.0
32.0	54.4	72.3	20 900	55.9	73.0	20 300	58.1	73.9	19 500	60.3	74.5	18 600										32.0
34.0	51.4	70.8	19 500	53.0	71.6	18 900	55.3	72.5	18 100	57.5	73.3	17 200	61.1	74.2	16 000							34.0
36.0	48.3	69.1	18 200	50.0	69.9	17 600	52.4	71.0	16 800	54.7	72.0	16 100	58.4	73.1	14 800							36.0
38.0	45.1	67.2	16 800	46.8	68.1	16 500	49.3	69.4	15 700	51.7	70.4	15 000	55.5	71.7	13 700							38.0
40.0	41.6	65.0	15 500*	43.5	66.1	15 300	46.1	67.5	14 600	48.7	68.7	14 000	52.6	70.3	12 800	56.3	71.2	11 700				40.0
42.0	37.9	62.6	14 400*	39.9	63.8	14 200	42.7	65.5	13 600	45.4	66.8	12 900	49.6	68.6	11 900	53.4	69.8	10 800				42.0
44.0	33.8	59.8	13 300*	36.0	61.2	13 200	39.1	63.1	12 600	42.0	64.7	12 000	46.4	66.8	11 000	50.4	68.2	10 000				44.0
46.0	29.3	56.4	12 400*	31.8	58.2	12 400	35.2	60.4	11 800	38.3	62.3	11 200	43.0	64.7	10 200	47.2	66.4	9 300	51.0	67.5	8 400	46.0
48.0	24.0	52.4	11 600*	26.9	54.6	11 600	30.8	57.3	11 000	34.3	59.5	10 400	39.4	62.4	9 500	43.9	64.4	8 600	47.9	65.8	7 700	48.0
50.0	17.1	46.9	10 600*	21.0	50.0	10 800	25.8	53.5	10 300	29.8	56.3	9 700	35.5	59.8	8 900	40.4	62.2	8 000	44.6	63.8	7 200	50.0
52.0							19.6	48.6	9 600	24.6	52.3	9 100	31.2	56.7	8 300	36.6	59.6	7 400	41.2	61.6	6 700	52.0
54.0										18.0	47.1	8 600	26.2	52.9	7 700	32.4	56.7	6 900	37.4	59.1	6 200	54.0
56.0													20.1	48.2	7 300	27.6	53.1	6 500	33.3	56.3	5 700	56.0
58.0																21.9	48.7	6 000	28.7	52.9	5 300	58.0
60.0																14.0	42.3	5 700	23.2	48.7	4 900	60.0
62.0																			16.1	42.9	4 600	62.0



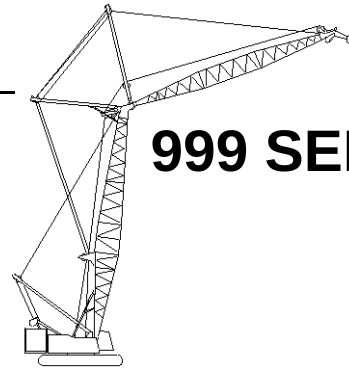
Liftcrane Luffing Jib Capacities

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**

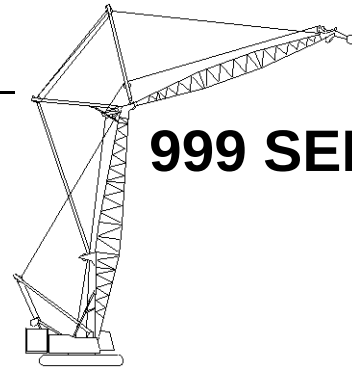
**Maximum Operating Wind Speeds
(all boom lengths)**

**10 m/s with 21.3m thru 33.5m Luffing Jib
7 m/s with 36.6m thru 61.0m Luffing Jib
5 m/s with 64.0m thru 73.2m Luffing Jib**



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.	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	
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	33 200																20.0
22.0	69.2	81.2	28 800*	70.5	81.6	30 500																22.0
24.0	66.9	80.4	27 900*	68.1	80.8	27 700																24.0
26.0	64.4	79.5	26 000	65.7	79.9	25 300	67.6	80.4	24 300													26.0
28.0	61.9	78.5	23 900	63.3	78.9	23 300	65.2	79.5	22 300	67.1	80.0	21 400										28.0
30.0	59.4	77.3	22 100	60.7	77.9	21 500	62.7	78.5	20 600	64.7	79.1	19 600										30.0
32.0	56.8	76.0	20 500	58.2	76.7	19 900	60.2	77.4	19 000	62.2	78.0	18 100										32.0
34.0	54.1	74.6	19 000	55.5	75.3	18 500	57.6	76.2	17 600	59.7	76.9	16 800										34.0
36.0	51.3	73.1	17 700	52.8	73.9	17 200	54.9	74.8	16 400	57.1	75.7	15 600	60.4	76.6	14 400							36.0
38.0	48.4	71.4	16 600	49.9	72.2	16 100	52.2	73.3	15 300	54.4	74.3	14 600	57.8	75.4	13 300							38.0
40.0	45.3	69.5	15 300*	46.9	70.4	15 000	49.3	71.7	14 300	51.6	72.7	13 600	55.2	74.1	12 400							40.0
42.0	42.1	67.4	14 100*	43.8	68.4	14 000	46.3	69.8	13 400	48.7	71.0	12 700	52.4	72.6	11 600	55.9	73.6	10 600				42.0
44.0	38.6	65.0	13 100*	40.5	66.2	13 000	43.1	67.8	12 400	45.6	69.2	11 800	49.5	70.9	10 800	53.1	72.1	9 800				44.0
46.0	34.9	62.2	12 200*	36.9	63.6	12 100	39.8	65.5	11 500	42.4	67.1	11 000	46.5	69.1	10 000	50.3	70.5	9 100				46.0
48.0	30.8	59.1	11 300*	33.0	60.7	11 400	36.1	62.9	10 800	39.0	64.7	10 200	43.4	67.1	9 300	47.3	68.7	8 400	50.9	69.8	7 500	48.0
50.0	26.0	55.3	10 600*	28.6	57.3	10 600	32.1	59.9	10 100	35.3	62.0	9 500	40.0	64.8	8 600	44.2	66.8	7 700	48.0	68.1	6 900	50.0
52.0	20.3	50.6	9 900*	23.5	53.2	10 000	27.7	56.4	9 400	31.2	58.9	8 900	36.4	62.2	8 000	40.9	64.5	7 200	44.9	66.1	6 400	52.0
54.0	12.2	43.5	8 500*	17.0	47.6	9 300	22.3	52.0	8 800	26.6	55.2	8 300	32.5	59.2	7 500	37.4	62.0	6 700	41.7	64.0	5 900	54.0
56.0							15.3	46.0	8 300	21.0	50.6	7 800	28.0	55.7	7 000	33.5	59.2	6 200	38.2	61.5	5 500	56.0
58.0													22.8	51.5	6 600	29.2	55.9	5 800	34.4	58.8	5 100	58.0
60.0													16.0	45.6	6 100	24.2	51.8	5 400	30.2	55.6	4 700	60.0
62.0																18.0	46.5	5 000	25.4	51.7	4 300	62.0
64.0																7.7	37.4	4 700	19.5	46.8	4 000	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**

**Maximum Operating Wind Speeds
(all boom lengths)**

**10 m/s with 21.3m thru 33.5m Luffing Jib
7 m/s with 36.6m thru 61.0m Luffing Jib
5 m/s with 64.0m thru 73.2m Luffing Jib**

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.	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	
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	29 600																22.0
24.0	68.2	83.7	25 800*	69.4	84.1	27 200																24.0
26.0	65.9	82.9	25 400	67.2	83.2	24 800	68.9	83.7	23 700													26.0
28.0	63.6	81.9	23 400	64.9	82.3	22 700	66.7	82.9	21 700													28.0
30.0	61.3	80.8	21 600	62.5	81.3	20 900	64.4	82.0	20 000	66.2	82.4	19 100										30.0
32.0	58.8	79.7	20 000	60.1	80.2	19 400	62.0	80.9	18 500	63.9	81.5	17 600										32.0
34.0	56.4	78.4	18 500	57.7	79.0	18 000	59.6	79.8	17 200	61.5	80.4	16 300										34.0
36.0	53.8	77.0	17 300	55.2	77.6	16 700	57.2	78.5	15 900	59.1	79.3	15 100										36.0
38.0	51.1	75.4	16 100	52.6	76.2	15 600	54.6	77.2	14 800	56.6	78.0	14 100	59.8	79.0	12 900							38.0
40.0	48.4	73.7	15 000*	49.9	74.5	14 600	52.0	75.7	13 800	54.1	76.6	13 100	57.4	77.7	12 000							40.0
42.0	45.5	71.8	13 800*	47.1	72.7	13 700	49.3	74.0	13 000	51.4	75.0	12 200	54.8	76.4	11 100							42.0
44.0	42.5	69.7	12 800*	44.1	70.7	12 800	46.5	72.2	12 100	48.7	73.3	11 500	52.2	74.9	10 400	55.5	75.9	9 400				44.0
46.0	39.3	67.3	11 800*	41.0	68.5	11 900	43.5	70.1	11 300	45.8	71.5	10 700	49.5	73.2	9 700	52.9	74.4	8 700				46.0
48.0	35.8	64.7	11 000*	37.7	66.1	11 100	40.3	67.9	10 500	42.8	69.4	9 900	46.7	71.4	9 000	50.2	72.8	8 000				48.0
50.0	32.0	61.7	10 300*	34.1	63.3	10 300	37.0	65.3	9 800	39.6	67.1	9 300	43.7	69.4	8 300	47.4	71.0	7 400	50.8	72.1	6 600	50.0
52.0	27.8	58.1	9 600*	30.1	60.0	9 700	33.3	62.4	9 100	36.2	64.5	8 600	40.6	67.1	7 700	44.5	69.1	6 900	48.0	70.4	6 100	52.0
54.0	22.8	53.8	9 000*	25.6	56.2	9 100	29.2	59.1	8 600	32.5	61.5	8 000	37.2	64.6	7 200	41.4	66.9	6 400	45.1	68.4	5 600	54.0
56.0	16.5	48.1	8 200*	20.1	51.3	8 500	24.5	55.1	8 000	28.3	58.0	7 500	33.6	61.8	6 700	38.1	64.4	5 900	42.1	66.3	5 100	56.0
58.0							18.7	49.9	7 500	23.4	53.8	7 100	29.5	58.5	6 200	34.6	61.7	5 500	38.9	63.9	4 700	58.0
60.0										17.3	48.3	6 600	24.9	54.5	5 800	30.6	58.5	5 100	35.4	61.2	4 300	60.0
62.0													19.3	49.5	5 400	26.2	54.7	4 700	31.5	58.2	4 000	62.0
64.0													11.0	41.9	5 100	20.9	50.1	4 400	27.2	54.6	3 700	64.0
66.0																13.7	43.5	4 100	22.1	50.1	3 400	66.0
68.0																			15.5	44.1	3 100	68.0



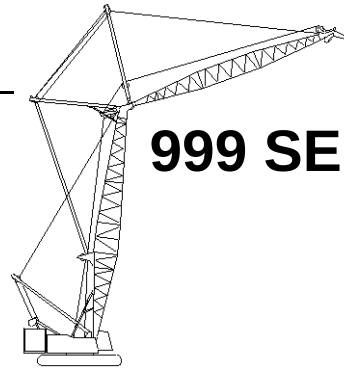
Liftcrane Luffing Jib Capacities

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**

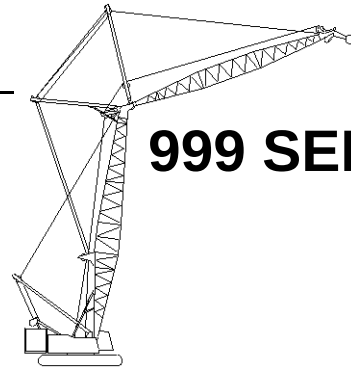
**Maximum Operating Wind Speeds
(all boom lengths)**

10 m/s with 21.3m thru 33.5m Luffing Jib
7 m/s with 36.6m thru 61.0m Luffing Jib
5 m/s with 64.0m thru 73.2m Luffing Jib



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.	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	
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	26 300																24.0
26.0	67.3	86.2	22 900*	68.4	86.6	24 300	70.1	87.0	23 300													26.0
28.0	65.1	85.3	22 600	66.3	85.7	22 400	68.0	86.2	21 400													28.0
30.0	62.9	84.3	21 300	64.1	84.8	20 600	65.8	85.3	19 700													30.0
32.0	60.7	83.2	19 600	61.9	83.7	19 000	63.6	84.4	18 100	65.4	84.9	17 300										32.0
34.0	58.3	82.0	18 200	59.6	82.6	17 600	61.4	83.3	16 800	63.1	83.9	16 000										34.0
36.0	56.0	80.7	17 000	57.2	81.3	16 400	59.1	82.1	15 600	60.9	82.8	14 800										36.0
38.0	53.5	79.3	15 800	54.8	80.0	15 300	56.8	80.9	14 500	58.6	81.6	13 800										38.0
40.0	51.0	77.7	14 800	52.4	78.5	14 300	54.3	79.5	13 600	56.2	80.3	12 800	59.3	81.3	11 700							40.0
42.0	48.4	76.0	13 700*	49.8	76.8	13 400	51.9	78.0	12 600	53.8	78.9	12 000	56.9	80.1	10 900							42.0
44.0	45.7	74.1	12 600*	47.2	75.0	12 500	49.3	76.3	11 900	51.3	77.3	11 200	54.5	78.7	10 100							44.0
46.0	42.8	72.0	11 700*	44.4	73.1	11 700	46.6	74.5	11 100	48.7	75.6	10 500	52.1	77.2	9 400	55.2	78.2	8 400				46.0
48.0	39.8	69.7	10 800*	41.5	70.9	11 000	43.8	72.4	10 300	46.0	73.8	9 700	49.5	75.5	8 800	52.7	76.7	7 900				48.0
50.0	36.6	67.1	10 100*	38.3	68.5	10 200	40.8	70.2	9 600	43.2	71.7	9 100	46.8	73.7	8 200	50.2	75.1	7 300				50.0
52.0	33.1	64.2	9 400*	35.0	65.7	9 500	37.7	67.7	9 000	40.2	69.4	8 500	44.0	71.7	7 600	47.5	73.3	6 700	50.7	74.4	5 900	52.0
54.0	29.2	60.9	8 700*	31.3	62.6	8 900	34.3	64.9	8 400	37.0	66.9	7 900	41.1	69.5	7 000	44.7	71.4	6 200	48.1	72.7	5 400	54.0
56.0	24.8	56.9	8 200*	27.2	59.0	8 400	30.5	61.7	7 900	33.5	64.0	7 400	37.9	67.0	6 500	41.8	69.2	5 700	45.4	70.7	5 000	56.0
58.0	19.5	51.9	7 600*	22.5	54.6	7 800	26.3	58.0	7 400	29.7	60.7	6 900	34.5	64.3	6 100	38.8	66.8	5 300	42.5	68.6	4 600	58.0
60.0	12.0	44.6	6 500*	16.4	48.8	7 300	21.4	53.4	6 900	25.3	56.8	6 400	30.8	61.1	5 600	35.4	64.2	4 900	39.4	66.3	4 200	60.0
62.0							14.8	47.1	6 500	20.1	51.9	6 000	26.7	57.4	5 200	31.8	61.1	4 500	36.2	63.7	3 800	62.0
64.0										13.0	45.1	5 600	21.8	52.9	4 900	27.8	57.6	4 200	32.7	60.7	3 500	64.0
66.0													15.4	46.8	4 600	23.1	53.3	3 900	28.7	57.3	3 200	66.0
68.0																17.3	47.7	3 600	24.2	53.2	2 900	68.0
70.0																8.0	38.5	3 400	18.7	48.0	2 700	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**

**Maximum Operating Wind Speeds
(all boom lengths)**

**10 m/s with 21.3m thru 33.5m Luffing Jib
7 m/s with 36.6m thru 61.0m Luffing Jib
5 m/s with 64.0m thru 73.2m Luffing Jib**

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.	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	
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	23 600																26.0
28.0	66.4	88.6	20 400*	67.5	89.0	21 800	69.1	89.5	20 900													28.0
30.0	64.4	87.7	20 200*	65.5	88.1	20 100	67.1	88.7	19 100													30.0
32.0	62.3	86.7	19 100	63.4	87.2	18 600	65.0	87.8	17 700	66.7	88.2	16 800										32.0
34.0	60.1	85.6	17 800	61.3	86.1	17 200	62.9	86.8	16 300	64.6	87.3	15 500										34.0
36.0	57.9	84.4	16 500	59.1	84.9	16 000	60.8	85.7	15 100	62.5	86.3	14 400										36.0
38.0	55.6	83.0	15 400	56.8	83.7	14 800	58.6	84.5	14 100	60.3	85.2	13 300										38.0
40.0	53.3	81.6	14 400	54.6	82.3	13 800	56.4	83.2	13 100	58.1	84.0	12 400	61.0	84.9	11 200							40.0
42.0	50.9	80.0	13 400	52.2	80.8	13 000	54.1	81.8	12 200	55.9	82.6	11 500	58.8	83.7	10 400							42.0
44.0	48.5	78.3	12 300*	49.8	79.1	12 100	51.7	80.3	11 400	53.6	81.2	10 800	56.6	82.4	9 700							44.0
46.0	45.9	76.4	11 400*	47.3	77.3	11 400	49.3	78.6	10 700	51.2	79.6	10 100	54.3	81.0	9 000	57.1	81.9	8 000				46.0
48.0	43.2	74.3	10 600*	44.6	75.4	10 700	46.7	76.8	10 000	48.7	77.9	9 400	51.9	79.5	8 400	54.9	80.5	7 400				48.0
50.0	40.3	72.1	9 800*	41.9	73.2	9 900	44.1	74.8	9 300	46.2	76.1	8 800	49.5	77.8	7 800	52.5	79.0	6 900				50.0
52.0	37.3	69.6	9 100*	38.9	70.8	9 300	41.3	72.6	8 700	43.5	74.0	8 200	46.9	76.0	7 300	50.1	77.4	6 400				52.0
54.0	34.1	66.7	8 400*	35.8	68.2	8 600	38.3	70.1	8 100	40.6	71.8	7 600	44.3	74.0	6 800	47.6	75.6	5 900	50.6	76.7	5 100	54.0
56.0	30.5	63.5	7 800*	32.4	65.2	8 100	35.1	67.4	7 600	37.6	69.3	7 100	41.5	71.8	6 300	45.0	73.7	5 400	48.1	75.0	4 700	56.0
58.0	26.5	59.8	7 300*	28.7	61.8	7 500	31.7	64.3	7 100	34.4	66.5	6 600	38.5	69.4	5 800	42.2	71.6	5 000	45.5	73.1	4 200	58.0
60.0	21.9	55.2	6 800*	24.4	57.7	7 100	27.9	60.8	6 600	30.9	63.4	6 100	35.4	66.7	5 400	39.3	69.2	4 600	42.8	71.0	3 900	60.0
62.0	15.9	49.3	6 200*	19.3	52.6	6 600*	23.5	56.6	6 200	27.0	59.7	5 700	32.0	63.7	4 900	36.2	66.6	4 200	40.0	68.7	3 500	62.0
64.0	5.4	38.3	4 600*	12.2	45.3	5 900*	18.1	51.2	5 800	22.4	55.3	5 300	28.2	60.2	4 600	32.9	63.7	3 900	36.9	66.1	3 200	64.0
66.0										16.7	49.5	5 000	23.8	56.0	4 300	29.2	60.3	3 500	33.6	63.3	2 900	66.0
68.0													18.5	50.7	4 000	25.0	56.3	3 300	30.0	60.0	2 600	68.0
70.0													11.0	42.9	3 700	20.0	51.4	3 000	26.0	56.2	2 400	70.0
72.0																13.3	44.6	2 800	21.2	51.5	2 100	72.0
74.0																			15.0	45.3	1 900	74.0



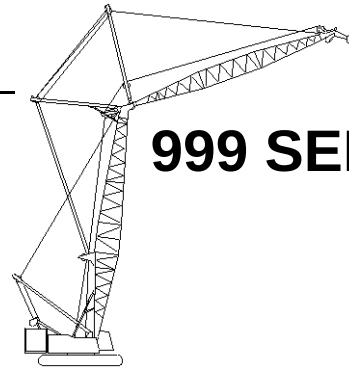
Liftcrane Luffing Jib Capacities

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**

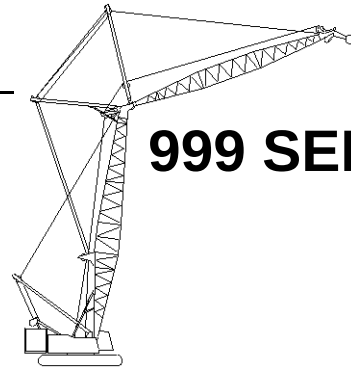
**Maximum Operating Wind Speeds
(all boom lengths)**

10 m/s with 21.3m thru 33.5m Luffing Jib
7 m/s with 36.6m thru 61.0m Luffing Jib
5 m/s with 64.0m thru 73.2m Luffing Jib



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.	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	
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	20 300													28.0
30.0	65.7	91.1	18 200*	66.7	91.5	20 000	68.3	92.0	19 100													30.0
32.0	63.7	90.1	18 000*	64.7	90.6	18 400	66.3	91.1	17 600	67.8	91.5	16 700										32.0
34.0	61.7	89.1	17 600	62.7	89.6	17 100	64.3	90.2	16 200	65.9	90.6	15 400										34.0
36.0	59.6	87.9	16 400	60.7	88.5	15 800	62.3	89.2	15 100	63.9	89.7	14 300										36.0
38.0	57.5	86.7	15 200	58.6	87.3	14 700	60.3	88.0	14 000	61.9	88.7	13 200										38.0
40.0	55.3	85.3	14 200	56.5	86.0	13 700	58.2	86.8	13 000	59.8	87.5	12 300	62.5	88.3	11 100							40.0
42.0	53.1	83.9	13 300	54.3	84.6	12 900	56.0	85.5	12 200	57.7	86.3	11 400	60.4	87.2	10 300							42.0
44.0	50.8	82.3	12 500	52.1	83.1	12 000	53.8	84.1	11 300	55.6	85.0	10 700	58.3	86.0	9 600							44.0
46.0	48.5	80.6	11 500*	49.7	81.4	11 300	51.6	82.6	10 600	53.4	83.5	10 000	56.2	84.7	8 900							46.0
48.0	46.0	78.7	10 700*	47.3	79.6	10 500	49.2	80.9	9 900	51.1	81.9	9 300	54.0	83.3	8 300	56.8	84.2	7 300				48.0
50.0	43.5	76.7	9 900*	44.8	77.7	9 900	46.8	79.1	9 300	48.7	80.2	8 700	51.8	81.8	7 700	54.6	82.8	6 800				50.0
52.0	40.8	74.4	9 100*	42.2	75.6	9 300	44.3	77.1	8 700	46.3	78.4	8 200	49.4	80.1	7 200	52.4	81.3	6 300				52.0
54.0	37.9	72.0	8 500*	39.5	73.2	8 700	41.7	74.9	8 100	43.8	76.4	7 600	47.0	78.3	6 700	50.0	79.7	5 800				54.0
56.0	34.9	69.2	7 900*	36.5	70.6	8 100	38.9	72.5	7 600	41.1	74.1	7 100	44.5	76.3	6 300	47.7	77.9	5 400	50.6	79.0	4 600	56.0
58.0	31.6	66.1	7 300*	33.4	67.7	7 600	35.9	69.9	7 100	38.3	71.7	6 600	41.9	74.2	5 800	45.2	76.0	5 000	48.2	77.3	4 200	58.0
60.0	27.9	62.6	6 800*	29.9	64.4	7 100	32.7	66.9	6 600	35.2	69.0	6 100	39.1	71.8	5 400	42.6	73.9	4 600	45.7	75.4	3 900	60.0
62.0	23.8	58.4	6 400*	26.1	60.6	6 600	29.2	63.5	6 200	32.0	65.9	5 700	36.1	69.2	4 900	39.8	71.6	4 200	43.1	73.3	3 500	62.0
64.0	18.8	53.2	5 900*	21.6	56.0	6 100*	25.2	59.6	5 800	28.4	62.5	5 300	33.0	66.2	4 600	36.9	69.0	3 900	40.4	71.0	3 200	64.0
66.0	11.8	45.7	4 900*	15.9	50.0	5 600*	20.5	54.7	5 400	24.3	58.3	4 900	29.5	62.9	4 200	33.8	66.2	3 600	37.6	68.5	2 900	66.0
68.0							14.5	48.2	5 000	19.4	53.3	4 600	25.5	59.0	3 900	30.4	62.9	3 300	34.5	65.8	2 600	68.0
70.0										12.8	46.2	4 300	20.9	54.2	3 600	26.6	59.2	3 000	31.2	62.6	2 300	70.0
72.0													15.0	48.0	3 300	22.2	54.7	2 700	27.5	59.0	2 100	72.0
74.0																16.7	49.0	2 400	23.2	54.7	1 800	74.0
76.0																8.2	39.7	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**

**Maximum Operating Wind Speeds
(all boom lengths)**

**10 m/s with 21.3m thru 33.5m Luffing Jib
7 m/s with 36.6m thru 61.0m Luffing Jib
5 m/s with 64.0m thru 73.2m Luffing Jib**

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.	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	
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	18 200													30.0
32.0	65.0	93.5	16 200*	66.0	93.9	18 000	67.4	94.4	17 100													32.0
34.0	63.1	92.5	16 000*	64.1	93.0	16 600	65.6	93.5	15 800	67.1	94.0	15 000										34.0
36.0	61.1	91.5	15 700	62.2	92.0	15 400	63.7	92.6	14 600	65.2	93.1	13 800										36.0
38.0	59.1	90.3	14 900	60.2	90.8	14 300	61.8	91.5	13 600	63.3	92.1	12 800										38.0
40.0	57.1	89.0	13 800	58.2	89.6	13 300	59.8	90.4	12 600	61.3	91.0	11 900										40.0
42.0	55.1	87.7	12 900	56.2	88.3	12 500	57.8	89.2	11 700	59.4	89.9	11 000	61.9	90.7	9 900							42.0
44.0	52.9	86.2	12 100	54.1	86.9	11 600	55.7	87.8	11 000	57.4	88.6	10 300	59.9	89.6	9 200							44.0
46.0	50.8	84.6	11 300*	51.9	85.4	10 900	53.6	86.4	10 200	55.3	87.3	9 600	57.9	88.4	8 500							46.0
48.0	48.5	82.9	10 400*	49.7	83.7	10 200	51.5	84.9	9 500	53.2	85.8	8 900	55.9	87.1	7 900							48.0
50.0	46.2	81.0	9 600*	47.4	81.9	9 500	49.2	83.2	8 900	51.0	84.2	8 300	53.8	85.6	7 300	56.4	86.5	6 400				50.0
52.0	43.7	79.0	8 900*	45.0	80.0	8 900	46.9	81.4	8 300	48.8	82.5	7 700	51.6	84.1	6 800	54.3	85.1	5 900				52.0
54.0	41.2	76.8	8 200*	42.5	77.9	8 400	44.5	79.4	7 800	46.4	80.7	7 200	49.4	82.4	6 300	52.2	83.6	5 400				54.0
56.0	38.5	74.4	7 600*	39.9	75.6	7 900	42.0	77.2	7 300	44.0	78.7	6 800	47.1	80.6	5 900	50.0	82.0	5 000				56.0
58.0	35.6	71.7	7 000*	37.2	73.1	7 300	39.4	74.9	6 800	41.5	76.5	6 300	44.7	78.7	5 500	47.7	80.2	4 600	50.5	81.3	3 800	58.0
60.0	32.6	68.7	6 500*	34.2	70.2	6 800*	36.6	72.3	6 300	38.8	74.1	5 900	42.2	76.5	5 100	45.3	78.3	4 200	48.2	79.6	3 500	60.0
62.0	29.2	65.3	6 100*	31.0	67.1	6 300*	33.6	69.4	5 900	36.0	71.4	5 400	39.6	74.2	4 700	42.9	76.2	3 900	45.9	77.7	3 100	62.0
64.0	25.4	61.4	5 600*	27.5	63.4	5 800*	30.3	66.2	5 500	32.9	68.5	5 000	36.8	71.6	4 300	40.3	74.0	3 600	43.4	75.6	2 900	64.0
66.0	21.0	56.6	5 200*	23.5	59.2	5 400*	26.7	62.4	5 100	29.6	65.1	4 700	33.8	68.7	3 900	37.5	71.4	3 300	40.9	73.4	2 600	66.0
68.0	15.5	50.4	4 700*	18.6	53.9	5 000*	22.5	58.0	4 800	25.9	61.3	4 300	30.6	65.5	3 600	34.6	68.7	2 900	38.2	70.9	2 300	68.0
70.0	6.0	39.6	3 300*	12.0	46.4	4 400*	17.5	52.4	4 400	21.6	56.7	4 000	27.0	61.8	3 300	31.5	65.5	2 600	35.3	68.2	2 000	70.0
72.0										16.2	50.7	3 700	22.9	57.5	3 000	28.0	62.0	2 400				72.0
74.0													17.9	52.0	2 800	24.0	57.8	2 200				74.0
76.0													10.9	44.0	2 500	19.3	52.7	1 900				76.0



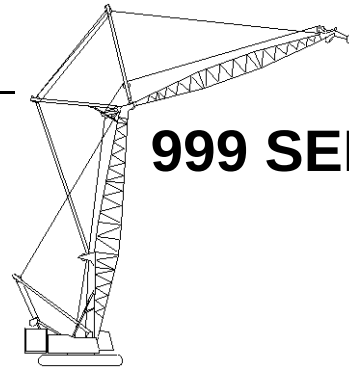
Liftcrane Luffing Jib Capacities

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**

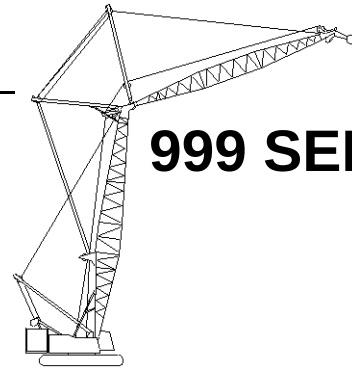
**Maximum Operating Wind Speeds
(all boom lengths)**

**10 m/s with 21.3m thru 33.5m Luffing Jib
7 m/s with 36.6m thru 61.0m Luffing Jib
5 m/s with 64.0m thru 73.2m Luffing Jib**



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	17 600	68.5	97.7	16 700												32.0	
34.0	64.3	95.9	15 100*	65.3	96.4	16 300	66.7	96.9	15 400												34.0	
36.0	62.5	94.9	14 900*	63.5	95.4	15 100	64.9	96.0	14 300	66.3	96.4	13 500									36.0	
38.0	60.6	93.8	14 200*	61.6	94.3	14 000	63.1	95.0	13 200	64.5	95.5	12 500									38.0	
40.0	58.7	92.6	13 500	59.7	93.2	13 000	61.2	93.9	12 300	62.7	94.5	11 500									40.0	
42.0	56.8	91.4	12 600	57.8	92.0	12 100	59.3	92.8	11 400	60.8	93.4	10 700									42.0	
44.0	54.8	90.0	11 800	55.9	90.6	11 300	57.4	91.5	10 600	58.9	92.2	10 000	61.4	93.1	8 900						44.0	
46.0	52.8	88.5	11 000	53.9	89.2	10 600	55.5	90.2	9 900	57.0	91.0	9 200	59.5	91.9	8 200						46.0	
48.0	50.7	86.9	10 200*	51.8	87.7	9 900	53.4	88.7	9 200	55.0	89.6	8 600	57.6	90.7	7 600						48.0	
50.0	48.5	85.2	9 400*	49.7	86.0	9 200	51.4	87.2	8 600	53.0	88.1	8 000	55.6	89.4	7 100						50.0	
52.0	46.3	83.3	8 600*	47.5	84.3	8 600	49.2	85.5	8 100	50.9	86.5	7 500	53.6	87.9	6 500	56.1	88.9	5 600			52.0	
54.0	44.0	81.3	8 000*	45.2	82.3	8 100	47.0	83.7	7 500	48.8	84.8	7 000	51.5	86.4	6 100	54.1	87.5	5 200			54.0	
56.0	41.5	79.1	7 400*	42.8	80.2	7 600	44.7	81.7	7 000	46.5	83.0	6 500	49.4	84.7	5 600	52.1	85.9	4 700			56.0	
58.0	39.0	76.7	6 800*	40.4	78.0	7 100	42.3	79.6	6 600	44.2	81.0	6 100	47.2	82.9	5 200	50.0	84.3	4 300	52.5	85.2	3 600	58.0
60.0	36.3	74.1	6 300*	37.8	75.5	6 600*	39.8	77.3	6 100	41.8	78.8	5 600	44.9	81.0	4 800	47.8	82.5	4 000	50.4	83.6	3 200	60.0
62.0	33.4	71.2	5 800*	35.0	72.7	6 000*	37.2	74.7	5 700	39.3	76.5	5 200	42.5	78.9	4 400	45.5	80.6	3 600	48.3	81.9	2 900	62.0
64.0	30.3	68.0	5 400*	32.0	69.6	5 600*	34.4	71.9	5 300	36.6	73.9	4 900	40.0	76.5	4 100	43.2	78.6	3 300	46.0	80.0	2 600	64.0
66.0	26.8	64.2	5 000*	28.7	66.2	5 200*	31.3	68.8	4 900	33.8	71.0	4 500	37.4	74.0	3 800	40.7	76.3	3 000	43.7	77.9	2 300	66.0
68.0	22.9	59.9	4 600*	25.1	62.2	4 800*	28.0	65.2	4 600	30.7	67.8	4 100	34.6	71.2	3 400	38.1	73.8	2 700	41.2	75.7	2 000	68.0
70.0	18.2	54.4	4 300*	20.8	57.4	4 400*	24.2	61.1	4 200	27.2	64.1	3 800	31.6	68.1	3 100	35.4	71.1	2 500	38.7	73.3	1 800	70.0
72.0	11.7	46.8	3 400*	15.5	51.2	4 100*	19.8	56.1	3 900	23.4	59.8	3 500	28.3	64.6	2 800	32.4	68.1	2 200				72.0
74.0							14.1	49.4	3 600	18.8	54.6	3 200	24.6	60.5	2 600	29.2	64.7	1 900				74.0
76.0										12.6	47.3	3 000	20.2	55.6	2 300							76.0
78.0													14.6	49.1	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**

**Maximum Operating Wind Speeds
(all boom lengths)**

**10 m/s with 21.3m thru 33.5m Luffing Jib
7 m/s with 36.6m thru 61.0m Luffing Jib
5 m/s with 64.0m thru 73.2m Luffing Jib**

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.	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	
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	15 700	67.7	100.2	15 000													34.0
36.0	63.7	98.3	13 400*	64.7	98.8	14 700	66.0	99.3	13 800													36.0
38.0	62.0	97.3	13 200*	62.9	97.8	13 600	64.3	98.4	12 800	65.7	98.9	12 000										38.0
40.0	60.2	96.2	13 000	61.1	96.7	12 600	62.5	97.4	11 900	63.9	97.9	11 100										40.0
42.0	58.3	95.0	12 200	59.3	95.6	11 700	60.8	96.3	11 000	62.2	96.9	10 300										42.0
44.0	56.5	93.7	11 400	57.5	94.3	10 900	58.9	95.1	10 200	60.4	95.8	9 600										44.0
46.0	54.6	92.3	10 600	55.6	93.0	10 200	57.1	93.8	9 500	58.5	94.6	8 900	60.9	95.5	7 800							46.0
48.0	52.6	90.8	9 900	53.7	91.5	9 500	55.2	92.5	8 900	56.7	93.3	8 200	59.1	94.3	7 200							48.0
50.0	50.6	89.2	9 100*	51.7	90.0	8 800	53.3	91.0	8 200	54.8	91.9	7 600	57.2	93.0	6 600							50.0
52.0	48.5	87.5	8 400*	49.6	88.3	8 300	51.3	89.5	7 700	52.8	90.4	7 100	55.3	91.7	6 100	57.7	92.5	5 200				52.0
54.0	46.4	85.6	7 700*	47.5	86.6	7 700	49.2	87.8	7 100	50.8	88.8	6 600	53.4	90.2	5 700	55.8	91.2	4 800				54.0
56.0	44.2	83.6	7 100*	45.4	84.6	7 200	47.1	86.0	6 700	48.8	87.1	6 100	51.4	88.7	5 200	53.9	89.8	4 300				56.0
58.0	41.9	81.5	6 500*	43.1	82.6	6 700	44.9	84.0	6 200	46.6	85.3	5 600	49.4	87.0	4 800	51.9	88.2	4 000				58.0
60.0	39.5	79.1	6 000*	40.8	80.3	6 300	42.6	81.9	5 800	44.4	83.3	5 200	47.3	85.2	4 400	49.9	86.6	3 600	52.4	87.5	2 800	60.0
62.0	36.9	76.5	5 600*	38.3	77.9	5 800*	40.3	79.6	5 400	42.1	81.2	4 900	45.1	83.3	4 000	47.8	84.8	3 300	50.4	85.9	2 500	62.0
64.0	34.2	73.7	5 100*	35.7	75.2	5 300*	37.8	77.1	5 000	39.7	78.8	4 500	42.8	81.2	3 700	45.7	82.9	2 900	48.3	84.2	2 200	64.0
66.0	31.3	70.6	4 700*	32.9	72.2	4 900*	35.1	74.4	4 700	37.2	76.3	4 200	40.4	78.9	3 400	43.4	80.9	2 600	46.1	82.3	1 900	66.0
68.0	28.1	67.0	4 300*	29.8	68.9	4 500*	32.2	71.3	4 300	34.5	73.5	3 800	38.0	76.4	3 100	41.1	78.7	2 300				68.0
70.0	24.5	62.9	4 000*	26.5	65.1	4 100*	29.1	67.9	4 000	31.6	70.4	3 500	35.3	73.7	2 800	38.6	76.2	2 100				70.0
72.0	20.3	58.0	3 600*	22.6	60.6	3 800*	25.7	64.0	3 700	28.4	66.9	3 300	32.5	70.7	2 500							72.0
74.0	15.1	51.6	3 200*	18.1	55.2	3 500*	21.8	59.4	3 400	24.9	62.8	3 000	29.4	67.3	2 300							74.0
76.0	6.5	40.8	2 000*	11.9	47.5	2 900*	17.0	53.6	3 100	20.8	58.0	2 700	26.0	63.5	2 100							76.0
78.0										15.8	51.9	2 500										78.0



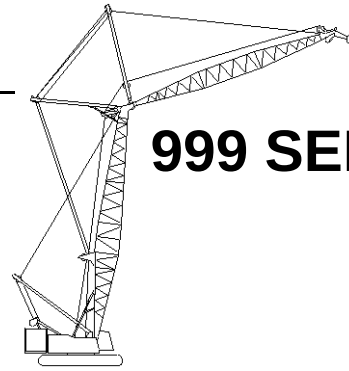
Liftcrane Luffing Jib Capacities

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**

**Maximum Operating Wind Speeds
(all boom lengths)**

**10 m/s with 21.3m thru 33.5m Luffing Jib
7 m/s with 36.6m thru 61.0m Luffing Jib
5 m/s with 64.0m thru 73.2m Luffing Jib**

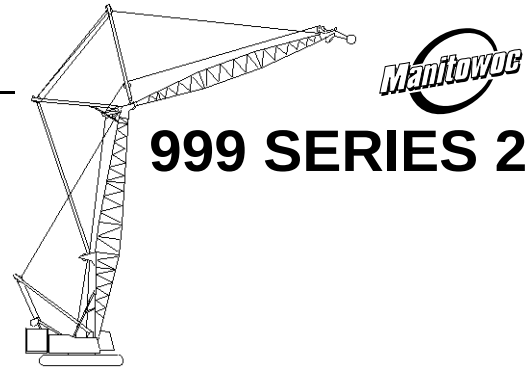


33.5m (110 Ft.) Boom, 21.3m (70 Ft.) Luffing Jib

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 500b																14.0
16.0	54.8	53.2	47 900*	58.6	53.9	50 100b	64.0	54.7	48 300b													16.0
18.0	47.8	51.5	43 600*	52.0	52.4	44 300	57.8	53.5	42 600	63.2	54.2	41 100b										18.0
20.0	39.9	49.4	40 000*	44.7	50.6	39 800	51.1	52.0	38 300	56.9	53.0	36 800										20.0
22.0	30.3	46.4	36 900	36.2	48.2	36 100	43.7	50.1	34 600	50.1	51.5	33 300	59.6	52.9	31 200b							22.0
24.0	16.0	41.5	30 400	25.3	44.7	32 800	35.0	47.6	31 600	42.6	49.5	30 300	53.1	51.5	28 300							24.0
26.0							23.6	43.9	28 500	33.7	46.9	27 500	45.9	49.7	25 800	55.6	51.1	24 100				26.0
28.0										21.6	42.9	24 900	37.6	47.4	23 300	48.7	49.5	21 800				28.0
30.0													27.3	44.1	21 200	41.0	47.5	19 800				30.0
32.0													9.0	37.6	19 400	31.7	44.6	18 100	43.7	47.1	16 800	32.0
34.0																			35.1	44.5	15 500	34.0
36.0																			23.8	40.8	14 200	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 000b																14.0
16.0	59.8	56.8	46 700*	62.9	57.4	49 000b	67.5	58.1	47 200b													16.0
18.0	54.1	55.5	42 500*	57.4	56.2	43 300	62.2	57.1	41 700													18.0
20.0	48.0	53.8	39 000*	51.6	54.7	38 900	56.7	55.8	37 400	61.5	56.6	35 900										20.0
22.0	41.1	51.7	36 000	45.2	52.9	35 200	50.8	54.3	33 800	56.0	55.4	32 400										22.0
24.0	33.2	49.0	33 100	38.0	50.6	32 100	44.4	52.4	30 800	50.0	53.8	29 500	58.3	55.2	27 600							24.0
26.0	22.9	45.1	30 000	29.3	47.5	29 400	37.0	50.0	28 300	43.4	51.9	27 100	52.6	53.8	25 200							26.0
28.0							28.0	46.8	25 600	35.9	49.4	24 600	46.3	52.0	23 100	54.8	53.5	21 400				28.0
30.0							14.5	41.4	23 400	26.6	46.0	22 400	39.2	49.8	20 900	48.8	51.8	19 500				30.0
32.0										11.4	39.8	20 500	30.8	46.9	19 100	42.1	49.8	17 800	50.9	51.3	16 500	32.0
34.0													19.4	42.4	17 600	34.3	47.2	16 300	44.4	49.4	15 100	34.0
36.0																24.4	43.5	15 000	37.1	47.0	13 900	36.0
38.0																			28.2	43.7	12 800	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**

**Maximum Operating Wind Speeds
(all boom lengths)**

10 m/s with 21.3m thru 33.5m Luffing Jib
7 m/s with 36.6m thru 61.0m Luffing Jib
5 m/s with 64.0m thru 73.2m Luffing Jib

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.	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	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 000b																16.0
18.0	58.6	59.2	41 700*	61.5	59.8	42 500	65.6	60.5	40 900													18.0
20.0	53.5	57.8	38 200*	56.5	58.6	38 100	60.8	59.4	36 600	64.9	60.1	35 200										20.0
22.0	48.1	56.1	35 200	51.3	57.1	34 500	55.9	58.2	33 100	60.2	59.0	31 800										22.0
24.0	42.1	54.1	32 400	45.7	55.2	31 400	50.6	56.6	30 200	55.2	57.7	28 900										24.0
26.0	35.3	51.5	29 700	39.4	53.0	28 900	44.9	54.8	27 600	49.9	56.1	26 500	57.3	57.6	24 700							26.0
28.0	27.0	48.1	27 100	32.1	50.1	26 500	38.5	52.5	25 400	44.1	54.2	24 300	52.2	56.1	22 600							28.0
30.0	14.8	42.6	23 200	22.7	46.1	24 100	31.0	49.5	23 200	37.6	51.8	22 300	46.6	54.4	20 800	54.2	55.8	19 200				30.0
32.0							21.3	45.3	21 200	29.9	48.7	20 400	40.4	52.2	19 000	48.8	54.1	17 600				32.0
34.0										19.6	44.2	18 700	33.3	49.4	17 400	42.9	52.1	16 100	50.7	53.6	14 900	34.0
36.0													24.4	45.7	16 100	36.2	49.6	14 800	45.0	51.7	13 600	36.0
38.0													9.3	38.7	14 900	28.2	46.4	13 700	38.6	49.4	12 600	38.0
40.0																			31.1	46.4	11 600	40.0
42.0																			21.4	42.2	10 800	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.	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	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	46 800b																16.0
18.0	62.1	62.7	40 600*	64.6	63.2	41 600	68.2	63.8	40 000													18.0
20.0	57.7	61.5	37 300*	60.3	62.2	37 300	64.0	62.9	35 800	67.6	63.4	34 400										20.0
22.0	53.1	60.1	34 400	55.8	60.9	33 700	59.7	61.8	32 300	63.4	62.5	31 000										22.0
24.0	48.2	58.4	31 600	51.1	59.4	30 700	55.2	60.5	29 400	59.1	61.3	28 200										24.0
26.0	42.8	56.4	29 000	46.0	57.5	28 100	50.5	58.9	27 000	54.6	60.0	25 800	61.0	61.2	23 900							26.0
28.0	36.9	53.9	26 700	40.4	55.4	26 000	45.3	57.1	24 800	49.8	58.4	23 800	56.5	59.9	22 000							28.0
30.0	29.9	50.8	24 400*	34.1	52.7	23 900	39.7	54.8	22 900	44.6	56.5	21 900	51.9	58.4	20 300							30.0
32.0	20.9	46.5	22 500	26.5	49.1	21 900	33.2	52.1	21 000	38.9	54.2	20 000	46.8	56.7	18 600	53.7	58.1	17 200				32.0
34.0							25.4	48.4	19 300	32.3	51.3	18 500	41.4	54.5	17 100	48.8	56.4	15 700				34.0
36.0							13.7	42.5	17 800	24.1	47.5	17 000	35.2	51.9	15 700	43.5	54.5	14 500	50.5	55.9	13 200	36.0
38.0										11.2	40.9	15 800	27.8	48.6	14 500	37.7	52.1	13 300	45.4	54.0	12 200	38.0
40.0													17.8	43.7	13 500	30.9	49.1	12 300	39.8	51.8	11 300	40.0
42.0																22.2	44.9	11 500	33.3	49.0	10 400	42.0
44.0																			25.5	45.3	9 700	44.0

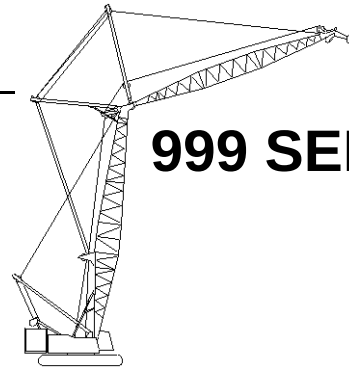


Liftcrane Luffing Jib Capacities

999 SERIES 2

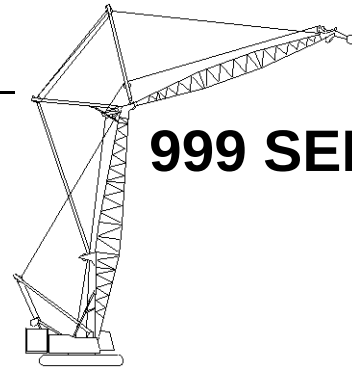
**Luffing Jib No. 149 With
Jib Backstay Pendants On
Boom No. 82
83 730 kg Crane Counterweight
19 960 kg Carbody Counterweight
360 Degree Rating**

Maximum Operating Wind Speeds (all boom lengths)		
10 m/s with 21.3m thru 33.5m Luffing Jib		
7 m/s with 36.6m thru 61.0m Luffing Jib		
5 m/s with 64.0m thru 73.2m Luffing Jib		



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*																			12.2
14.0	72.2	67.8	47 600*																			14.0
16.0	68.6	67.0	43 400*	70.7	67.4	45 700																16.0
18.0	64.8	66.1	39 700*	67.0	66.6	40 900																18.0
20.0	61.0	65.1	36 500*	63.2	65.6	36 600	66.5	66.3	35 200													20.0
22.0	56.9	63.9	33 700*	59.3	64.5	33 100	62.7	65.3	31 800	66.0	65.9	30 500										22.0
24.0	52.7	62.4	31 100	55.2	63.2	30 200	58.8	64.2	28 900	62.2	64.9	27 700										24.0
26.0	48.2	60.7	28 500	50.9	61.7	27 700	54.7	62.8	26 500	58.2	63.7	25 400										26.0
28.0	43.4	58.7	26 300	46.3	59.8	25 500	50.3	61.2	24 400	54.1	62.3	23 300	59.9	63.5	21 600							28.0
30.0	38.1	56.4	24 100	41.3	57.7	23 600	45.7	59.4	22 600	49.7	60.7	21 600	55.9	62.2	19 900							30.0
32.0	32.1	53.4	21 900*	35.7	55.1	21 800	40.6	57.2	20 900	45.0	58.8	20 000	51.6	60.7	18 500	57.5	61.8	17 000				32.0
34.0	24.7	49.6	20 100*	29.2	51.9	20 000	34.9	54.6	19 200	39.9	56.6	18 300	47.0	59.0	16 900	53.3	60.4	15 600				34.0
36.0	14.1	43.7	17 900*	20.9	47.5	18 500	28.3	51.2	17 700	34.1	53.9	16 900	42.1	56.9	15 600	48.8	58.7	14 300				36.0
38.0							19.6	46.6	16 400	27.3	50.4	15 700	36.6	54.4	14 400	44.1	56.8	13 200				38.0
40.0										18.2	45.5	14 500	30.3	51.3	13 400	38.8	54.5	12 200	45.7	56.3	11 100	40.0
42.0													22.5	47.1	12 400	32.9	51.6	11 300	40.7	54.1	10 300	42.0
44.0													9.5	39.8	11 600	25.8	48.0	10 500	35.0	51.5	9 500	44.0
46.0																			28.4	48.2	8 900	46.0
48.0																			19.8	43.6	8 300	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**

**Maximum Operating Wind Speeds
(all boom lengths)**

10 m/s with 21.3m thru 33.5m Luffing Jib
7 m/s with 36.6m thru 61.0m Luffing Jib
5 m/s with 64.0m thru 73.2m Luffing Jib

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.	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	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	40 200																18.0
20.0	63.6	68.6	35 600*	65.6	69.0	36 100	68.6	69.6	34 600													20.0
22.0	60.0	67.5	32 900*	62.1	68.0	32 600	65.2	68.7	31 300													22.0
24.0	56.3	66.2	30 500	58.5	66.9	29 800	61.7	67.7	28 500	64.7	68.3	27 300										24.0
26.0	52.4	64.7	28 100	54.7	65.5	27 200	58.0	66.5	26 100	61.2	67.2	24 900										26.0
28.0	48.3	63.0	25 900	50.7	64.0	25 100	54.2	65.1	24 000	57.5	66.0	22 900										28.0
30.0	43.9	61.1	23 800	46.5	62.2	23 200	50.2	63.5	22 200	53.7	64.6	21 200	59.1	65.9	19 600							30.0
32.0	39.1	58.7	21 600*	42.0	60.1	21 600	46.0	61.7	20 600	49.7	63.0	19 600	55.3	64.5	18 100							32.0
34.0	33.8	56.0	19 700*	37.0	57.6	20 000	41.4	59.6	19 100	45.4	61.1	18 300	51.4	63.0	16 800	56.8	64.1	15 400				34.0
36.0	27.5	52.5	18 100*	31.3	54.6	18 400	36.3	57.0	17 600	40.7	58.9	16 800	47.2	61.3	15 500	52.9	62.7	14 200				36.0
38.0	19.4	47.8	17 000*	24.5	50.7	17 100	30.5	53.9	16 300	35.6	56.3	15 500	42.7	59.2	14 300	48.9	61.0	13 100				38.0
40.0							23.5	49.9	15 200	29.7	53.1	14 400	37.8	56.8	13 200	44.5	59.1	12 100	50.3	60.5	11 000	40.0
42.0							13.1	43.6	14 100	22.3	48.9	13 400	32.3	53.9	12 300	39.8	56.9	11 200	46.0	58.6	10 100	42.0
44.0										11.0	42.0	12 500	25.7	50.2	11 400	34.5	54.2	10 400	41.4	56.5	9 400	44.0
46.0													16.8	44.9	10 700	28.4	50.8	9 700	36.4	54.0	8 700	46.0
48.0																20.7	46.3	9 000	30.6	50.9	8 100	48.0
50.0																			23.6	46.8	7 500	50.0



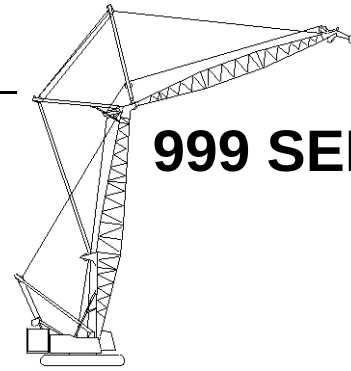
Liftcrane Luffing Jib Capacities

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**

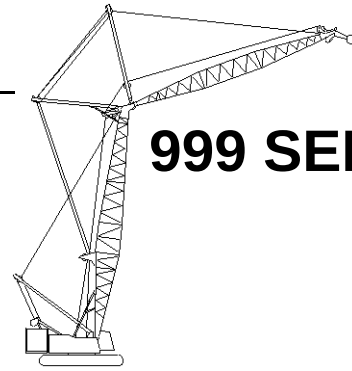
**Maximum Operating Wind Speeds
(all boom lengths)**

10 m/s with 21.3m thru 33.5m Luffing Jib
7 m/s with 36.6m thru 61.0m Luffing Jib
5 m/s with 64.0m thru 73.2m Luffing Jib



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	39 400																18.0
20.0	65.8	71.9	34 800*	67.6	72.4	35 400	70.3	72.9	33 900													20.0
22.0	62.5	70.9	32 300*	64.4	71.5	32 000	67.2	72.1	30 700													22.0
24.0	59.2	69.8	29 900	61.2	70.4	29 100	64.0	71.1	27 900													24.0
26.0	55.8	68.5	27 500	57.8	69.2	26 700	60.7	70.1	25 500	63.6	70.7	24 400										26.0
28.0	52.2	67.0	25 400	54.3	67.8	24 600	57.3	68.8	23 500	60.3	69.6	22 400										28.0
30.0	48.4	65.3	23 400	50.6	66.3	22 700	53.8	67.4	21 700	56.9	68.4	20 700										30.0
32.0	44.3	63.4	21 500	46.7	64.5	21 100	50.1	65.8	20 100	53.3	66.9	19 100	58.3	68.2	17 600							32.0
34.0	40.0	61.1	19 600*	42.6	62.4	19 700	46.2	64.0	18 700	49.6	65.3	17 800	54.8	66.9	16 400							34.0
36.0	35.2	58.5	17 900*	38.0	60.0	18 200	42.0	61.9	17 400	45.7	63.4	16 500	51.2	65.3	15 200	56.2	66.5	13 900				36.0
38.0	29.7	55.2	16 500*	33.0	57.1	16 800	37.4	59.4	16 100	41.4	61.3	15 300	47.3	63.6	14 000	52.6	65.0	12 800				38.0
40.0	23.0	51.1	15 500*	27.1	53.6	15 700	32.3	56.5	14 900	36.8	58.8	14 200	43.2	61.6	13 000	48.9	63.3	11 800				40.0
42.0	13.5	44.8	14 000*	19.6	48.8	14 600	26.3	52.9	13 900	31.5	55.8	13 200	38.8	59.2	12 000	44.9	61.4	10 900	50.2	62.8	9 800	42.0
44.0							18.5	47.9	13 000	25.3	52.0	12 300	33.8	56.4	11 200	40.5	59.2	10 100	46.3	60.9	9 100	44.0
46.0										17.1	46.7	11 500	28.1	53.0	10 400	35.8	56.6	9 400	42.1	58.8	8 400	46.0
48.0													21.0	48.5	9 800	30.4	53.5	8 800	37.5	56.4	7 800	48.0
50.0													9.6	40.9	9 200	24.0	49.5	8 200	32.3	53.5	7 300	50.0
52.0																			26.3	49.8	6 800	52.0
54.0																			18.6	44.8	6 300	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**

**Maximum Operating Wind Speeds
(all boom lengths)**

**10 m/s with 21.3m thru 33.5m Luffing Jib
7 m/s with 36.6m thru 61.0m Luffing Jib
5 m/s with 64.0m thru 73.2m Luffing Jib**

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.	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	
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	38 400																18.0
20.0	67.6	75.3	33 900*	69.3	75.7	34 600																20.0
22.0	64.7	74.4	31 500*	66.4	74.8	31 300	68.9	75.4	30 000													22.0
24.0	61.6	73.3	29 200	63.4	73.9	28 500	66.0	74.5	27 200													24.0
26.0	58.5	72.2	26 900	60.3	72.8	26 100	63.0	73.5	24 900	65.6	74.1	23 800										26.0
28.0	55.3	70.8	24 700	57.2	71.5	24 000	59.9	72.4	22 900	62.6	73.1	21 800										28.0
30.0	51.9	69.3	22 900	53.9	70.1	22 200	56.8	71.2	21 100	59.5	72.0	20 100										30.0
32.0	48.4	67.6	21 200	50.5	68.6	20 500	53.5	69.7	19 500	56.3	70.7	18 600	60.8	71.8	17 100							32.0
34.0	44.7	65.7	19 500*	46.9	66.8	19 100	50.0	68.1	18 200	53.0	69.2	17 300	57.7	70.6	15 800							34.0
36.0	40.7	63.5	17 800*	43.0	64.7	17 900	46.4	66.3	17 000	49.6	67.6	16 100	54.4	69.2	14 700							36.0
38.0	36.3	60.9	16 300*	38.9	62.4	16 600	42.5	64.2	15 800	45.9	65.8	15 000	51.0	67.6	13 700	55.7	68.8	12 400				38.0
40.0	31.4	57.9	15 100*	34.3	59.6	15 400	38.3	61.8	14 600	42.0	63.6	13 900	47.5	65.9	12 600	52.4	67.3	11 500				40.0
42.0	25.7	54.1	14 100*	29.2	56.3	14 300	33.7	59.0	13 600	37.8	61.2	12 900	43.7	63.9	11 700	48.9	65.6	10 600				42.0
44.0	18.4	49.0	13 400*	22.9	52.1	13 400	28.4	55.7	12 700	33.1	58.3	12 000	39.6	61.6	10 900	45.2	63.7	9 800	50.1	65.1	8 700	44.0
46.0							22.0	51.3	11 900	27.7	54.8	11 200	35.1	58.9	10 100	41.2	61.6	9 100	46.5	63.2	8 100	46.0
48.0							12.7	44.7	11 100	21.0	50.3	10 400	30.0	55.7	9 400	36.9	59.1	8 400	42.6	61.2	7 400	48.0
50.0										10.9	43.1	9 800	24.0	51.7	8 800	32.1	56.1	7 800	38.4	58.8	6 900	50.0
52.0													16.0	46.0	8 200	26.5	52.4	7 300	33.8	56.0	6 400	52.0
54.0																19.5	47.6	6 800	28.5	52.6	5 900	54.0
56.0																			22.1	48.3	5 500	56.0

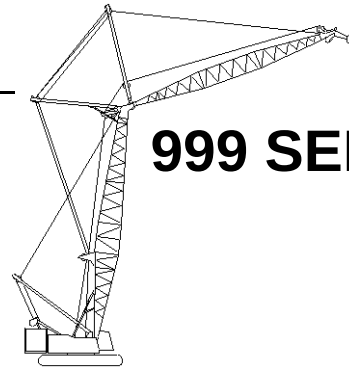


Liftcrane Luffing Jib Capacities

999 SERIES 2

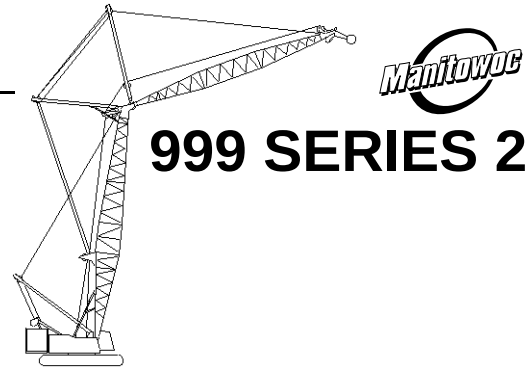
**Luffing Jib No. 149 With
Jib Backstay Pendants On
Boom No. 82
83 730 kg Crane Counterweight
19 960 kg Carbody Counterweight
360 Degree Rating**

Maximum Operating Wind Speeds (all boom lengths)		
10 m/s with 21.3m thru 33.5m Luffing Jib		
7 m/s with 36.6m thru 61.0m Luffing Jib		
5 m/s with 64.0m thru 73.2m Luffing Jib		



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	34 100																20.0
22.0	66.5	77.7	30 700*	68.1	78.1	30 800																22.0
24.0	63.7	76.8	28 600*	65.3	77.3	28 000	67.7	77.8	26 800													24.0
26.0	60.8	75.7	26 400	62.5	76.3	25 700	65.0	76.9	24 500	67.3	77.4	23 400										26.0
28.0	57.9	74.5	24 300	59.6	75.1	23 600	62.1	75.9	22 500	64.6	76.5	21 400										28.0
30.0	54.9	73.1	22 500	56.7	73.9	21 800	59.3	74.8	20 700	61.8	75.5	19 700										30.0
32.0	51.7	71.6	20 900	53.6	72.4	20 200	56.3	73.5	19 200	58.9	74.3	18 300	63.0	75.2	16 700							32.0
34.0	48.4	69.9	19 400	50.4	70.9	18 800	53.2	72.0	17 900	55.9	73.0	16 900	60.1	74.1	15 500							34.0
36.0	45.0	68.0	17 800*	47.0	69.1	17 500	50.0	70.4	16 600	52.8	71.5	15 800	57.1	72.9	14 400							36.0
38.0	41.3	65.8	16 300*	43.5	67.1	16 400	46.6	68.6	15 600	49.5	69.9	14 700	54.1	71.5	13 400							38.0
40.0	37.3	63.3	15 100*	39.7	64.8	15 300	43.0	66.6	14 500	46.1	68.1	13 700	50.9	69.9	12 500	55.3	71.1	11 200				40.0
42.0	32.9	60.4	14 000*	35.5	62.1	14 200	39.1	64.2	13 500	42.5	66.0	12 700	47.6	68.2	11 600	52.2	69.6	10 400				42.0
44.0	27.8	57.0	13 100*	30.9	59.0	13 200	34.9	61.5	12 500	38.6	63.6	11 800	44.0	66.2	10 700	48.9	67.9	9 600				44.0
46.0	21.7	52.5	12 300*	25.4	55.2	12 400	30.2	58.3	11 700	34.3	60.8	11 000	40.3	63.9	10 000	45.4	66.1	8 900	50.0	67.4	7 900	46.0
48.0	13.1	45.9	11 100*	18.6	50.1	11 600	24.7	54.4	10 900	29.5	57.6	10 300	36.2	61.4	9 300	41.8	63.9	8 300	46.6	65.5	7 300	48.0
50.0							17.6	49.1	10 200	23.8	53.5	9 600	31.6	58.3	8 700	37.8	61.5	7 700	43.0	63.5	6 700	50.0
52.0										16.4	47.9	9 100	26.4	54.7	8 100	33.4	58.6	7 200	39.2	61.2	6 300	52.0
54.0													19.9	49.9	7 500	28.5	55.2	6 700	35.0	58.5	5 800	54.0
56.0													9.7	42.0	7 100	22.6	51.0	6 200	30.3	55.3	5 400	56.0
58.0																			24.8	51.4	5 000	58.0
60.0																			17.7	46.1	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**

**Maximum Operating Wind Speeds
(all boom lengths)**

**10 m/s with 21.3m thru 33.5m Luffing Jib
7 m/s with 36.6m thru 61.0m Luffing Jib
5 m/s with 64.0m thru 73.2m Luffing Jib**

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.	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	
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	33 500																20.0
22.0	68.0	81.0	29 500*	69.5	81.4	30 400																22.0
24.0	65.5	80.2	27 900*	67.0	80.6	27 600	69.2	81.1	26 400													24.0
26.0	62.8	79.2	26 100	64.4	79.7	25 300	66.6	80.3	24 200													26.0
28.0	60.1	78.1	24 000	61.7	78.6	23 300	64.0	79.4	22 200	66.3	79.9	21 100										28.0
30.0	57.4	76.8	22 200	59.0	77.5	21 500	61.4	78.3	20 500	63.7	78.9	19 500										30.0
32.0	54.5	75.5	20 600	56.2	76.2	19 900	58.6	77.1	19 000	61.0	77.9	18 000										32.0
34.0	51.6	73.9	19 200	53.3	74.8	18 600	55.8	75.8	17 600	58.3	76.7	16 700	62.1	77.6	15 200							34.0
36.0	48.5	72.2	17 700*	50.3	73.2	17 300	52.9	74.4	16 400	55.5	75.3	15 500	59.4	76.5	14 100							36.0
38.0	45.2	70.3	16 300*	47.2	71.4	16 200	49.9	72.7	15 300	52.5	73.9	14 500	56.7	75.2	13 100							38.0
40.0	41.8	68.2	15 000*	43.8	69.4	15 100	46.7	70.9	14 300	49.5	72.2	13 500	53.8	73.8	12 200							40.0
42.0	38.1	65.7	13 900*	40.3	67.1	14 200	43.4	68.9	13 400	46.3	70.4	12 700	50.8	72.2	11 400	54.9	73.4	10 200				42.0
44.0	34.1	63.0	12 900*	36.5	64.6	13 100	39.8	66.6	12 500	42.9	68.3	11 800	47.7	70.5	10 600	52.0	71.9	9 500				44.0
46.0	29.5	59.7	12 100*	32.3	61.6	12 300	36.0	64.0	11 600	39.3	66.0	11 000	44.4	68.5	9 900	48.9	70.2	8 800				46.0
48.0	24.3	55.7	11 400*	27.5	58.0	11 500	31.7	61.0	10 900	35.4	63.3	10 200	40.9	66.3	9 200	45.7	68.4	8 200	49.9	69.7	7 200	48.0
50.0	17.5	50.3	10 700*	21.7	53.6	10 800	26.8	57.3	10 200	31.1	60.2	9 500	37.1	63.8	8 600	42.2	66.3	7 600	46.8	67.8	6 600	50.0
52.0							20.9	52.7	9 500	26.1	56.5	8 900	33.0	60.9	8 000	38.6	63.9	7 000	43.4	65.8	6 100	52.0
54.0							12.4	45.8	8 900	19.9	51.6	8 400	28.3	57.4	7 400	34.6	61.1	6 600	39.9	63.5	5 700	54.0
56.0										10.8	44.1	7 900	22.7	53.2	6 900	30.2	57.9	6 100	36.0	60.9	5 200	56.0
58.0													15.3	47.2	6 500	25.0	54.0	5 600	31.7	57.9	4 800	58.0
60.0																18.5	48.9	5 300	26.9	54.3	4 500	60.0
62.0																			20.9	49.7	4 100	62.0
64.0																			12.6	42.8	3 900	64.0



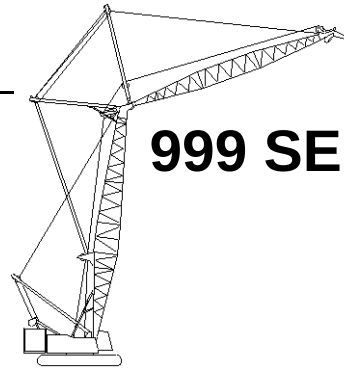
Liftcrane Luffing Jib Capacities

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**

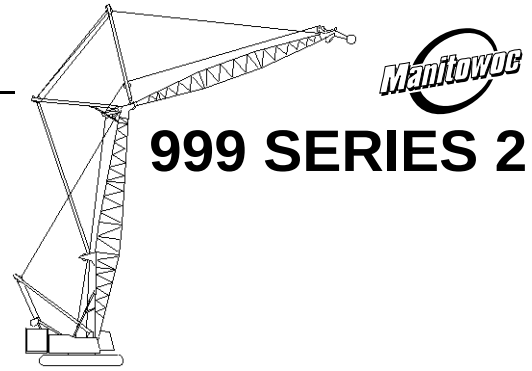
**Maximum Operating Wind Speeds
(all boom lengths)**

10 m/s with 21.3m thru 33.5m Luffing Jib
7 m/s with 36.6m thru 61.0m Luffing Jib
5 m/s with 64.0m thru 73.2m Luffing Jib



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	29 900																22.0
24.0	67.0	83.5	26 700*	68.4	83.9	27 100																24.0
26.0	64.6	82.6	25 500	66.0	83.1	24 800	68.1	83.6	23 700													26.0
28.0	62.1	81.6	23 500	63.5	82.1	22 800	65.7	82.7	21 700													28.0
30.0	59.5	80.4	21 800	61.0	81.0	21 000	63.2	81.8	20 000	65.3	82.3	19 000										30.0
32.0	56.9	79.2	20 100	58.4	79.8	19 500	60.7	80.7	18 500	62.9	81.3	17 600										32.0
34.0	54.2	77.8	18 700	55.8	78.5	18 100	58.1	79.5	17 200	60.3	80.2	16 300										34.0
36.0	51.4	76.2	17 500	53.1	77.1	16 800	55.5	78.1	16 000	57.8	79.0	15 100	61.4	80.0	13 700							36.0
38.0	48.5	74.5	16 200	50.2	75.5	15 700	52.7	76.7	14 900	55.1	77.6	14 100	58.9	78.8	12 700							38.0
40.0	45.5	72.6	14 900*	47.3	73.7	14 700	49.9	75.0	13 900	52.3	76.2	13 100	56.2	77.5	11 800							40.0
42.0	42.2	70.5	13 800*	44.2	71.7	13 800	46.9	73.2	13 000	49.5	74.5	12 200	53.5	76.1	11 000							42.0
44.0	38.8	68.1	12 900*	40.8	69.5	13 000	43.7	71.2	12 200	46.5	72.7	11 500	50.7	74.5	10 300	54.6	75.7	9 100				44.0
46.0	35.1	65.4	12 000*	37.3	67.0	12 100	40.4	69.0	11 400	43.3	70.6	10 700	47.7	72.8	9 600	51.8	74.2	8 500				46.0
48.0	31.0	62.3	11 200*	33.4	64.1	11 300	36.8	66.4	10 600	39.9	68.4	10 000	44.7	70.8	9 000	48.9	72.5	7 900				48.0
50.0	26.3	58.6	10 600*	29.1	60.8	10 500	32.9	63.5	9 900	36.3	65.8	9 300	41.4	68.7	8 300	45.9	70.7	7 300	49.9	72.0	6 400	50.0
52.0	20.7	53.9	9 900*	24.1	56.7	9 900	28.5	60.1	9 300	32.4	62.8	8 700	37.9	66.2	7 700	42.7	68.6	6 800	46.9	70.2	5 900	52.0
54.0	12.8	47.0	8 700*	17.8	51.4	9 300	23.4	55.9	8 700	27.9	59.3	8 100	34.1	63.4	7 200	39.3	66.2	6 300	43.8	68.1	5 400	54.0
56.0							16.8	50.3	8 200	22.6	55.0	7 600	29.9	60.1	6 700	35.6	63.6	5 800	40.5	65.9	5 000	56.0
58.0										15.7	49.1	7 100	25.0	56.2	6 200	31.5	60.5	5 400	36.9	63.4	4 600	58.0
60.0													18.9	51.1	5 800	27.0	56.9	5 000	33.0	60.5	4 200	60.0
62.0													9.7	43.1	5 500	21.5	52.4	4 700	28.6	57.0	3 900	62.0
64.0																14.0	45.9	4 400	23.5	52.9	3 600	64.0
66.0																			16.9	47.3	3 300	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**

**Maximum Operating Wind Speeds
(all boom lengths)**

**10 m/s with 21.3m thru 33.5m Luffing Jib
7 m/s with 36.6m thru 61.0m Luffing Jib
5 m/s with 64.0m thru 73.2m Luffing Jib**

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.	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	
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	28 500																22.0
24.0	68.3	86.8	24 500*	69.6	87.2	26 600																24.0
26.0	66.1	86.0	24 100	67.4	86.4	24 300	69.4	86.9	23 100													26.0
28.0	63.7	85.0	23 200	65.1	85.5	22 300	67.1	86.1	21 200													28.0
30.0	61.4	83.9	21 200	62.8	84.5	20 500	64.8	85.2	19 500	66.8	85.7	18 500										30.0
32.0	59.0	82.8	19 600	60.4	83.4	19 000	62.5	84.1	18 000	64.5	84.7	17 100										32.0
34.0	56.5	81.5	18 300	57.9	82.2	17 600	60.1	83.0	16 700	62.1	83.7	15 800										34.0
36.0	53.9	80.1	17 000	55.4	80.8	16 400	57.6	81.8	15 500	59.8	82.6	14 600										36.0
38.0	51.3	78.5	15 900	52.8	79.4	15 300	55.1	80.5	14 400	57.3	81.3	13 600	60.8	82.4	12 200							38.0
40.0	48.5	76.8	14 800	50.2	77.8	14 300	52.5	79.0	13 500	54.8	80.0	12 700	58.3	81.2	11 400							40.0
42.0	45.7	74.9	13 800*	47.4	76.0	13 400	49.8	77.3	12 600	52.1	78.5	11 800	55.8	79.9	10 500							42.0
44.0	42.6	72.8	12 800*	44.4	74.0	12 600	47.0	75.5	11 800	49.4	76.8	11 000	53.3	78.4	9 800							44.0
46.0	39.4	70.5	11 900*	41.3	71.8	11 800	44.0	73.5	11 100	46.6	75.0	10 300	50.6	76.8	9 200	54.3	78.1	8 100				46.0
48.0	36.0	67.9	11 100*	38.0	69.4	11 000	40.9	71.3	10 300	43.6	73.0	9 700	47.8	75.1	8 600	51.6	76.5	7 500				48.0
50.0	32.2	64.9	10 300*	34.5	66.6	10 300	37.6	68.8	9 700	40.5	70.7	9 000	44.9	73.1	8 000	48.9	74.8	7 000				50.0
52.0	28.0	61.4	9 600*	30.5	63.4	9 600	34.0	66.0	9 000	37.1	68.2	8 400	41.8	71.0	7 400	46.0	73.0	6 500	49.8	74.3	5 500	52.0
54.0	23.1	57.1	9 000*	26.1	59.6	9 000	30.0	62.8	8 400	33.5	65.3	7 800	38.6	68.6	6 900	43.0	70.9	6 000	47.0	72.5	5 100	54.0
56.0	16.9	51.5	8 300*	20.7	54.9	8 400	25.4	58.9	7 900	29.4	62.0	7 300	35.1	65.9	6 400	39.9	68.6	5 500	44.1	70.5	4 700	56.0
58.0							19.9	54.0	7 400	24.8	58.0	6 800	31.2	62.8	6 000	36.5	66.0	5 100	41.0	68.3	4 200	58.0
60.0							12.2	46.9	7 000	19.1	52.9	6 400	26.8	59.1	5 500	32.7	63.1	4 700	37.6	65.8	3 900	60.0
62.0										10.7	45.2	6 000	21.7	54.6	5 200	28.6	59.7	4 300	34.0	63.0	3 600	62.0
64.0													14.8	48.4	4 800	23.8	55.5	4 000	30.1	59.7	3 300	64.0
66.0																17.8	50.1	3 700	25.5	55.9	3 000	66.0
68.0																			20.0	51.0	2 700	68.0
70.0																			12.3	43.9	2 500	70.0



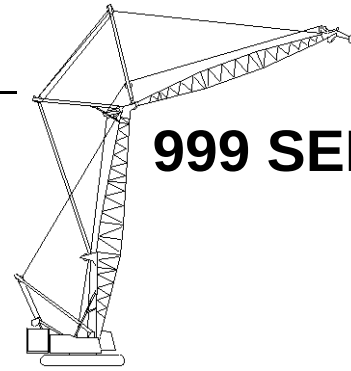
Liftcrane Luffing Jib Capacities

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**

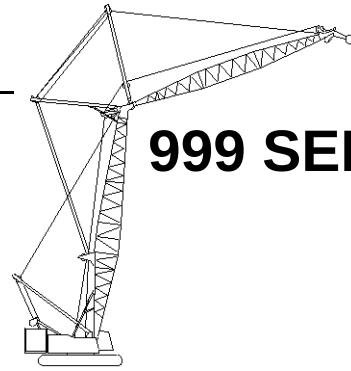
**Maximum Operating Wind Speeds
(all boom lengths)**

10 m/s with 21.3m thru 33.5m Luffing Jib
7 m/s with 36.6m thru 61.0m Luffing Jib
5 m/s with 64.0m thru 73.2m Luffing Jib



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.	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	
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	23 800	70.5	90.1	22 700													26.0
28.0	65.2	88.4	21 500*	66.5	88.8	21 900	68.4	89.4	20 800													28.0
30.0	63.0	87.4	20 800	64.3	87.9	20 200	66.2	88.5	19 100													30.0
32.0	60.8	86.3	19 300	62.1	86.9	18 600	64.0	87.6	17 600	65.9	88.1	16 700										32.0
34.0	58.5	85.1	17 900	59.8	85.7	17 300	61.8	86.5	16 400	63.7	87.1	15 400										34.0
36.0	56.1	83.8	16 700	57.5	84.5	16 100	59.5	85.4	15 200	61.5	86.1	14 300										36.0
38.0	53.7	82.4	15 600	55.1	83.2	15 000	57.2	84.1	14 100	59.2	84.9	13 300										38.0
40.0	51.2	80.8	14 500	52.6	81.7	14 000	54.8	82.8	13 200	56.9	83.7	12 300	60.2	84.7	11 100							40.0
42.0	48.6	79.1	13 600	50.1	80.1	13 100	52.3	81.3	12 300	54.5	82.3	11 500	57.9	83.5	10 300							42.0
44.0	45.8	77.2	12 700	47.4	78.3	12 200	49.8	79.6	11 500	52.0	80.8	10 800	55.5	82.2	9 600							44.0
46.0	43.0	75.2	11 800*	44.7	76.3	11 500	47.1	77.8	10 800	49.4	79.1	10 100	53.0	80.7	8 900	56.4	81.8	7 800				46.0
48.0	40.0	72.9	10 900*	41.8	74.2	10 800	44.3	75.9	10 100	46.7	77.3	9 400	50.5	79.1	8 300	54.0	80.4	7 200				48.0
50.0	36.8	70.3	10 200*	38.7	71.8	10 100	41.4	73.7	9 500	43.9	75.3	8 800	47.9	77.4	7 700	51.5	78.8	6 700				50.0
52.0	33.3	67.4	9 500*	35.4	69.1	9 500	38.3	71.2	8 800	41.0	73.1	8 200	45.1	75.5	7 200	48.9	77.1	6 200	52.4	78.2	5 300	52.0
54.0	29.5	64.1	8 800*	31.7	66.0	8 800	34.9	68.5	8 200	37.8	70.6	7 700	42.2	73.3	6 700	46.2	75.3	5 800	49.8	76.6	4 900	54.0
56.0	25.1	60.2	8 200*	27.7	62.5	8 300	31.3	65.4	7 700	34.4	67.8	7 200	39.2	71.0	6 300	43.4	73.2	5 400	47.1	74.8	4 500	56.0
58.0	19.8	55.2	7 700*	23.0	58.2	7 800	27.2	61.8	7 200	30.7	64.6	6 700	35.9	68.3	5 800	40.4	71.0	4 900	44.4	72.8	4 100	58.0
60.0	12.5	48.1	6 700*	17.2	52.6	7 300	22.4	57.3	6 800	26.6	60.9	6 200	32.3	65.3	5 400	37.2	68.5	4 500	41.4	70.6	3 800	60.0
62.0							16.2	51.5	6 400	21.6	56.4	5 800	28.4	61.9	5 000	33.8	65.6	4 200	38.3	68.2	3 400	62.0
64.0							5.2	40.5	6 000	15.2	50.2	5 400	23.8	57.7	4 600	30.0	62.3	3 900	35.0	65.4	3 100	64.0
66.0													18.2	52.4	4 300	25.7	58.5	3 600	31.3	62.3	2 800	66.0
68.0													9.8	44.2	4 000	20.6	53.7	3 300	27.2	58.7	2 500	68.0
70.0																13.7	47.1	3 000	22.4	54.3	2 300	70.0
72.0																			16.3	48.5	2 100	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**

**Maximum Operating Wind Speeds
(all boom lengths)**

**10 m/s with 21.3m thru 33.5m Luffing Jib
7 m/s with 36.6m thru 61.0m Luffing Jib
5 m/s with 64.0m thru 73.2m Luffing Jib**

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.	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	
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	21 700	69.5	92.6	20 600													28.0
30.0	64.5	90.8	19 400*	65.7	91.3	20 000	67.5	91.8	18 900													30.0
32.0	62.4	89.8	19 000*	63.6	90.3	18 500	65.4	91.0	17 500	67.2	91.4	16 500										32.0
34.0	60.2	88.7	17 800	61.5	89.3	17 100	63.3	90.0	16 200	65.1	90.5	15 300										34.0
36.0	58.0	87.5	16 500	59.3	88.1	15 900	61.2	88.9	15 000	63.1	89.5	14 100										36.0
38.0	55.8	86.1	15 400	57.1	86.8	14 800	59.0	87.7	14 000	60.9	88.5	13 100										38.0
40.0	53.4	84.7	14 400	54.8	85.5	13 800	56.8	86.5	13 000	58.7	87.3	12 200	61.8	88.2	10 900							40.0
42.0	51.1	83.1	13 400	52.5	84.0	12 900	54.5	85.1	12 200	56.5	86.0	11 400	59.7	87.1	10 100							42.0
44.0	48.6	81.4	12 600	50.0	82.4	12 100	52.2	83.6	11 400	54.2	84.6	10 600	57.4	85.9	9 400							44.0
46.0	46.0	79.6	11 900	47.5	80.6	11 400	49.7	81.9	10 600	51.8	83.1	9 900	55.2	84.5	8 800							46.0
48.0	43.3	77.5	11 000*	44.9	78.6	10 700	47.2	80.1	10 000	49.4	81.4	9 300	52.8	83.0	8 200	56.1	84.1	7 100				48.0
50.0	40.5	75.2	10 200*	42.2	76.5	10 000	44.6	78.2	9 300	46.8	79.6	8 700	50.4	81.4	7 600	53.7	82.7	6 600				50.0
52.0	37.5	72.7	9 500*	39.3	74.2	9 400	41.8	76.0	8 800	44.2	77.6	8 100	47.9	79.7	7 100	51.4	81.1	6 100				52.0
54.0	34.2	69.9	8 800*	36.2	71.5	8 800	38.9	73.6	8 300	41.4	75.4	7 600	45.3	77.8	6 600	48.9	79.4	5 600	52.2	80.5	4 700	54.0
56.0	30.7	66.7	8 200*	32.8	68.6	8 300	35.7	71.0	7 700	38.5	73.0	7 100	42.6	75.7	6 200	46.3	77.6	5 200	49.8	78.9	4 300	56.0
58.0	26.7	63.0	7 600*	29.1	65.2	7 700	32.4	68.0	7 200	35.3	70.3	6 600	39.7	73.4	5 700	43.7	75.6	4 800	47.2	77.1	4 000	58.0
60.0	22.1	58.6	7 100*	24.9	61.2	7 300	28.6	64.5	6 700	31.9	67.2	6 200	36.7	70.8	5 300	40.9	73.3	4 500	44.6	75.1	3 600	60.0
62.0	16.3	52.7	6 500*	19.9	56.3	6 800	24.3	60.4	6 300	28.1	63.7	5 800	33.4	67.9	4 900	37.9	70.9	4 100	41.8	72.9	3 300	62.0
64.0	6.4	42.4	5 100*	13.1	49.4	6 300	19.2	55.3	5 800	23.7	59.5	5 300	29.7	64.6	4 600	34.7	68.1	3 800	38.9	70.6	3 000	64.0
66.0							12.0	48.0	5 500	18.4	54.2	5 000	25.6	60.7	4 200	31.2	65.0	3 500	35.8	67.9	2 700	66.0
68.0										10.7	46.3	4 700	20.8	55.9	3 900	27.3	61.3	3 200	32.4	64.9	2 400	68.0
70.0													14.4	49.5	3 600	22.8	57.0	2 900	28.7	61.5	2 200	70.0
72.0																17.2	51.4	2 600	24.4	57.4	1 900	72.0



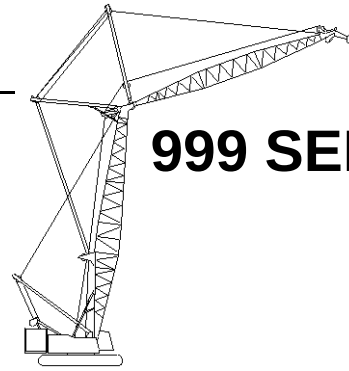
Liftcrane Luffing Jib Capacities

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**

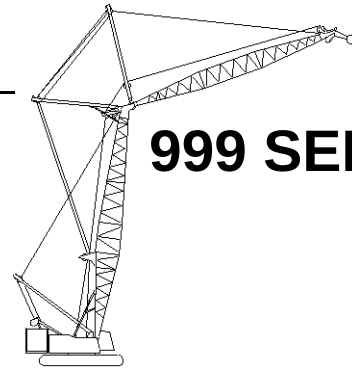
**Maximum Operating Wind Speeds
(all boom lengths)**

10 m/s with 21.3m thru 33.5m Luffing Jib
7 m/s with 36.6m thru 61.0m Luffing Jib
5 m/s with 64.0m thru 73.2m Luffing Jib



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.	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	
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	19 600	68.6	95.1	18 500													30.0
32.0	63.8	93.2	17 500*	65.0	93.7	18 100	66.7	94.3	17 100													32.0
34.0	61.8	92.2	17 100*	63.0	92.7	16 700	64.7	93.4	15 800	66.4	93.9	14 900										34.0
36.0	59.7	91.0	16 200	60.9	91.6	15 500	62.7	92.4	14 600	64.4	93.0	13 700										36.0
38.0	57.6	89.8	15 000	58.8	90.5	14 400	60.7	91.3	13 600	62.4	91.9	12 700										38.0
40.0	55.5	88.5	14 000	56.7	89.2	13 500	58.6	90.1	12 700	60.4	90.8	11 800										40.0
42.0	53.2	87.0	13 100	54.5	87.8	12 600	56.4	88.8	11 800	58.3	89.6	11 000	61.2	90.6	9 800							42.0
44.0	51.0	85.4	12 300	52.3	86.3	11 700	54.3	87.4	11 000	56.2	88.3	10 300	59.2	89.5	9 000							44.0
46.0	48.6	83.7	11 500	50.0	84.7	11 000	52.0	85.9	10 300	54.0	86.9	9 600	57.1	88.2	8 400							46.0
48.0	46.2	81.9	10 800	47.6	82.9	10 300	49.7	84.2	9 600	51.7	85.4	8 900	54.9	86.8	7 800							48.0
50.0	43.6	79.8	10 000*	45.1	81.0	9 700	47.3	82.4	9 000	49.4	83.7	8 300	52.7	85.3	7 200	55.7	86.4	6 200				50.0
52.0	40.9	77.6	9 200*	42.5	78.8	9 100	44.8	80.5	8 400	47.0	81.9	7 800	50.4	83.7	6 800	53.5	85.0	5 800				52.0
54.0	38.1	75.1	8 600*	39.8	76.5	8 500	42.2	78.4	7 900	44.4	79.9	7 300	48.0	82.0	6 300	51.3	83.4	5 300				54.0
56.0	35.1	72.4	8 000*	36.9	74.0	8 000	39.4	76.0	7 400	41.8	77.8	6 800	45.5	80.1	5 800	48.9	81.7	4 900				56.0
58.0	31.8	69.3	7 400*	33.7	71.1	7 500	36.5	73.4	7 000	39.0	75.4	6 400	42.9	78.0	5 400	46.5	79.9	4 500	49.7	81.2	3 600	58.0
60.0	28.2	65.8	6 900*	30.3	67.9	7 000	33.3	70.5	6 500	36.1	72.7	6 000	40.2	75.7	5 000	43.9	77.9	4 100	47.3	79.4	3 300	60.0
62.0	24.0	61.7	6 400*	26.5	64.1	6 600	29.9	67.2	6 000	32.9	69.8	5 500	37.3	73.2	4 700	41.3	75.7	3 800	44.8	77.4	3 000	62.0
64.0	19.1	56.5	6 000*	22.1	59.6	6 100	26.0	63.4	5 600	29.4	66.4	5 100	34.2	70.4	4 300	38.5	73.3	3 500	42.2	75.3	2 700	64.0
66.0	12.3	49.2	5 100*	16.6	53.8	5 700	21.5	58.7	5 300	25.4	62.5	4 800	30.9	67.2	4 000	35.5	70.6	3 200	39.4	72.9	2 400	66.0
68.0							15.8	52.7	4 900	20.8	57.7	4 400	27.1	63.5	3 700	32.2	67.5	2 900	36.5	70.3	2 100	68.0
70.0							5.9	41.9	4 600	14.8	51.4	4 100	22.9	59.2	3 400	28.6	64.1	2 600	33.3	67.4	1 900	70.0
72.0													17.6	53.7	3 100	24.6	60.0	2 400				72.0
74.0													9.8	45.2	2 800	19.8	55.0	2 100				74.0
76.0																13.4	48.2	1 900				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**

**Maximum Operating Wind Speeds
(all boom lengths)**

**10 m/s with 21.3m thru 33.5m Luffing Jib
7 m/s with 36.6m thru 61.0m Luffing Jib
5 m/s with 64.0m thru 73.2m Luffing Jib**

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

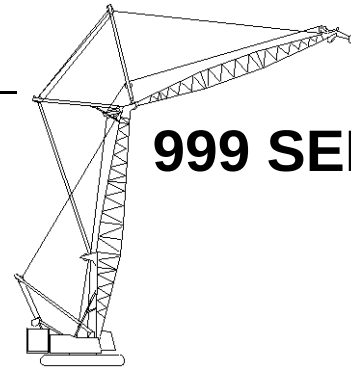


Liftcrane Luffing Jib Capacities

999 SERIES 2

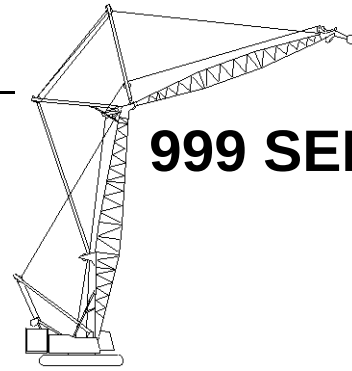
**Luffing Jib No. 149 With
Jib Backstay Pendants On
Boom No. 82
83 730 kg Crane Counterweight
19 960 kg Carbody Counterweight
360 Degree Rating**

Maximum Operating Wind Speeds (all boom lengths)		
10 m/s with 21.3m thru 33.5m Luffing Jib	7 m/s with 36.6m thru 61.0m Luffing Jib	5 m/s with 64.0m thru 73.2m Luffing Jib



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

**Maximum Operating Wind Speeds
(all boom lengths)**

**10 m/s with 21.3m thru 33.5m Luffing Jib
7 m/s with 36.6m thru 61.0m Luffing Jib
5 m/s with 64.0m thru 73.2m Luffing Jib**

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.	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	
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	105.5	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	15 300	68.0	103.4	14 500										34.0
36.0	63.8	101.4	13 100*	64.8	101.9	14 300	66.3	102.5	13 400										36.0
38.0	62.1	100.4	12 900*	63.1	100.9	13 200	64.6	101.6	12 400	66.1	102.1	11 600							38.0
40.0	60.3	99.3	12 300*	61.3	99.9	12 300	62.9	100.6	11 500	64.4	101.2	10 700							40.0
42.0	58.4	98.1	11 600*	59.5	98.7	11 400	61.1	99.5	10 700	62.6	100.2	9 900							42.0
44.0	56.6	96.8	11 000*	57.7	97.5	10 600	59.3	98.4	9 900	60.8	99.1	9 100							44.0
46.0	54.7	95.4	10 400	55.8	96.2	9 900	57.4	97.1	9 200	59.0	97.9	8 500	61.6	98.9	7 300				46.0
48.0	52.7	93.9	9 700	53.9	94.7	9 200	55.5	95.8	8 500	57.2	96.6	7 800	59.8	97.7	6 700				48.0
50.0	50.7	92.3	9 100	51.9	93.2	8 600	53.6	94.3	7 900	55.3	95.3	7 200	58.0	96.5	6 100				50.0
52.0	48.7	90.6	8 500	49.9	91.6	8 100	51.6	92.8	7 400	53.4	93.8	6 700	56.1	95.2	5 700				52.0
54.0	46.5	88.8	7 800*	47.8	89.8	7 500	49.6	91.1	6 900	51.4	92.3	6 200	54.2	93.8	5 200	56.8	94.8	4 200	54.0
56.0	44.3	86.8	7 200*	45.6	87.9	7 000	47.5	89.3	6 400	49.3	90.6	5 800	52.2	92.3	4 800	54.9	93.4	3 800	56.0
58.0	42.0	84.6	6 600*	43.4	85.8	6 600	45.3	87.4	5 900	47.2	88.8	5 300	50.2	90.6	4 400	53.0	91.9	3 400	58.0
60.0	39.6	82.3	6 100*	41.0	83.6	6 100	43.1	85.3	5 500	45.0	86.9	4 900	48.1	88.9	4 000	51.0	90.3	3 100	60.0
62.0	37.1	79.7	5 600*	38.6	81.2	5 700	40.7	83.1	5 100	42.8	84.8	4 600	46.0	87.0	3 600	48.9	88.6	2 800	62.0
64.0	34.3	76.9	5 200*	35.9	78.5	5 300	38.2	80.6	4 800	40.4	82.5	4 200	43.7	85.0	3 300	46.8	86.8	2 400	64.0
66.0	31.4	73.8	4 800*	33.2	75.6	5 000	35.6	77.9	4 400	37.9	80.0	3 900	41.4	82.8	3 000	44.6	84.8	2 200	66.0
68.0	28.3	70.3	4 400*	30.2	72.3	4 600*	32.8	75.0	4 100	35.2	77.3	3 600	39.0	80.4	2 700	42.3	82.7	1 900	68.0
70.0	24.7	66.2	4 000*	26.8	68.6	4 200*	29.7	71.6	3 800	32.4	74.2	3 300	36.4	77.8	2 500				70.0
72.0	20.6	61.3	3 700*	23.1	64.2	3 800*	26.4	67.8	3 500	29.3	70.9	3 000	33.6	74.9	2 200				72.0
74.0	15.4	55.1	3 200*	18.6	58.9	3 500*	22.6	63.4	3 300	25.9	67.0	2 700	30.6	71.6	1 900				74.0
76.0	7.2	44.8	2 200*	12.7	51.6	3 100*	18.0	57.9	3 000	22.0	62.4	2 600							76.0
78.0							11.7	50.1	2 700	17.2	56.7	2 300							78.0
80.0										10.6	48.4	2 100							80.0



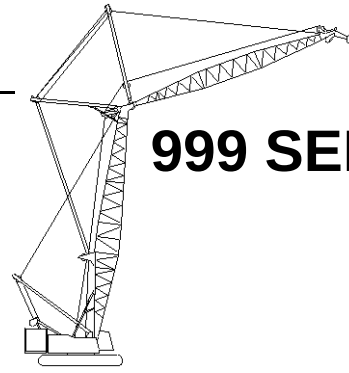
Liftcrane Luffing Jib Capacities

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**

**Maximum Operating Wind Speeds
(all boom lengths)**

10 m/s with 21.3m thru 33.5m Luffing Jib
7 m/s with 36.6m thru 61.0m Luffing Jib
5 m/s with 64.0m thru 73.2m Luffing Jib

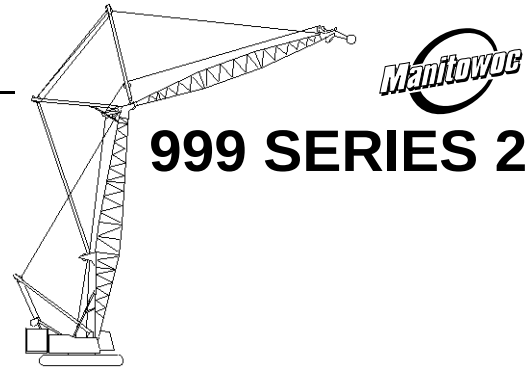


36.6m (120 Ft.) Boom, 21.3m (70 Ft.) Luffing Jib

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.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib 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	67.0	58.5	59 800*b																			12.2
14.0	61.5	57.6	54 400*b	65.4	58.2	55 900b																14.0
16.0	55.2	56.3	49 300*b	59.3	57.1	48 800b																16.0
18.0	48.2	54.7	44 600	52.7	55.7	43 400	59.0	56.8	41 600b													18.0
20.0	40.4	52.5	40 100	45.5	53.9	38 900	52.4	55.4	37 300	58.6	56.4	35 700b										20.0
22.0	30.9	49.6	36 500	37.2	51.5	35 300	45.1	53.5	33 800	52.0	55.0	32 300										22.0
24.0	17.0	44.9	30 900	26.7	48.2	32 300	36.7	51.1	30 800	44.7	53.1	29 400	55.7	55.0	27 300							24.0
26.0							26.1	47.7	28 300	36.2	50.7	27 000	48.8	53.4	25 000							26.0
28.0										25.4	47.2	24 600	41.1	51.4	22 900	52.4	53.3	21 100				28.0
30.0													31.8	48.5	20 800	45.2	51.5	19 200				30.0
32.0													18.6	44.1	19 000	36.8	49.1	17 600	48.6	51.1	16 100	32.0
34.0																26.2	45.7	16 100	40.8	49.0	14 800	34.0
36.0																			31.5	46.2	13 600	36.0
38.0																			18.2	41.6	12 600	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.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
12.2	70.0	61.8	57 900*b																			12.2
14.0	65.4	61.0	52 800*b	68.7	61.5	54 600b																14.0
16.0	60.1	59.9	47 900*b	63.5	60.6	47 700b																16.0
18.0	54.4	58.6	43 600	58.0	59.4	42 400	63.2	60.3	40 700b													18.0
20.0	48.3	57.0	39 200	52.2	58.0	38 000	57.8	59.1	36 400	62.9	59.9	34 900b										20.0
22.0	41.5	54.9	35 500	45.9	56.2	34 500	52.0	57.7	33 000	57.5	58.7	31 500										22.0
24.0	33.7	52.2	32 500	38.8	53.9	31 500	45.6	55.9	30 100	51.6	57.3	28 700										24.0
26.0	23.5	48.4	29 900	30.4	50.9	29 000	38.5	53.6	27 600	45.2	55.4	26 300	54.9	57.4	24 300							26.0
28.0				18.6	46.3	26 300	29.9	50.5	25 400	38.0	53.1	24 200	48.8	55.7	22 300							28.0
30.0							17.8	45.8	23 100	29.3	50.0	22 100	42.1	53.7	20 500	52.0	55.6	18 900				30.0
32.0										16.9	45.1	20 300	34.4	51.1	18 700	45.7	53.8	17 200				32.0
34.0													24.5	47.4	17 200	38.5	51.5	15 800	48.7	53.4	14 400	34.0
36.0																30.0	48.5	14 500	42.0	51.4	13 200	36.0
38.0																17.9	43.7	13 400	34.2	48.7	12 200	38.0
40.0																			24.2	45.0	11 300	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**

**Maximum Operating Wind Speeds
(all boom lengths)**

**10 m/s with 21.3m thru 33.5m Luffing Jib
7 m/s with 36.6m thru 61.0m Luffing Jib
5 m/s with 64.0m thru 73.2m Luffing Jib**

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.	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	72.3	65.0	56 100*b																			12.2
14.0	68.3	64.4	51 300*b	71.1	64.8	53 500b																14.0
16.0	63.7	63.4	46 700*b	66.6	64.0	46 800b																16.0
18.0	58.9	62.3	42 700	62.0	63.0	41 600	66.4	63.7	39 900b													18.0
20.0	53.8	60.9	38 400	57.1	61.7	37 300	61.7	62.7	35 700	66.2	63.3	34 200b										20.0
22.0	48.4	59.3	34 800	51.9	60.3	33 800	56.8	61.5	32 300	61.5	62.3	30 900										22.0
24.0	42.4	57.2	31 800	46.3	58.5	30 800	51.6	60.0	29 400	56.5	61.1	28 100										24.0
26.0	35.7	54.7	29 200	40.1	56.3	28 300	46.0	58.2	27 000	51.3	59.6	25 700	59.3	61.0	23 700							26.0
28.0	27.5	51.3	27 000	32.9	53.5	26 200	39.8	55.9	24 900	45.7	57.7	23 700	54.2	59.7	21 800							28.0
30.0	15.7	46.1	23 500	23.9	49.7	24 000	32.5	53.1	22 900	39.4	55.5	21 900	48.9	58.0	20 100							30.0
32.0				7.6	42.2	21 500	23.4	49.2	21 000	32.1	52.6	20 000	43.0	56.0	18 500	51.7	57.9	17 000				32.0
34.0										22.8	48.6	18 500	36.3	53.6	17 000	46.1	56.1	15 600				34.0
36.0													28.3	50.3	15 700	39.8	53.9	14 300	48.7	55.7	13 000	36.0
38.0													17.0	45.3	14 500	32.6	51.1	13 200	42.8	53.7	12 000	38.0
40.0																23.5	47.2	12 200	36.1	51.2	11 000	40.0
42.0																			28.0	47.9	10 200	42.0
44.0																			16.6	42.8	9 500	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.	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	74.1	68.2	54 000*b																			12.2
14.0	70.6	67.6	49 600*b	73.1	68.0	52 300b																14.0
16.0	66.5	66.8	45 400*	69.1	67.3	45 800b																16.0
18.0	62.3	65.8	41 700*	65.0	66.4	40 600	66.4	66.1	34 900													18.0
20.0	57.9	64.6	37 600	60.7	65.3	36 500																20.0
22.0	53.3	63.2	34 000	56.3	64.1	33 000	60.5	65.0	31 500	64.6	65.7	30 100										22.0
24.0	48.4	61.6	31 000	51.6	62.6	30 100	56.1	63.8	28 700	60.3	64.7	27 400										24.0
26.0	43.1	59.6	28 500	46.6	60.8	27 600	51.4	62.3	26 300	55.8	63.4	25 000	62.7	64.5	23 000							26.0
28.0	37.2	57.1	26 300	41.1	58.6	25 500	46.3	60.5	24 200	51.1	61.9	23 000	58.3	63.4	21 200							28.0
30.0	30.3	54.1	24 000*	34.8	56.0	23 600	40.8	58.3	22 400	46.0	60.0	21 300	53.7	62.0	19 500							30.0
32.0	21.4	49.8	22 300*	27.4	52.6	21 700	34.5	55.7	20 700	40.5	57.9	19 800	48.9	60.3	18 100	56.1	61.7	16 500				32.0
34.0				17.2	47.5	19 900	27.0	52.2	19 100	34.1	55.2	18 100	43.6	58.4	16 600	51.4	60.2	15 200				34.0
36.0							16.5	47.0	17 600	26.5	51.6	16 700	37.7	56.0	15 300	46.4	58.4	13 900				36.0
38.0										15.7	46.3	15 500	30.9	53.0	14 200	40.8	56.2	12 800	48.7	58.0	11 600	38.0
40.0													22.3	48.8	13 100	34.6	53.6	11 900	43.5	56.0	10 700	40.0
42.0																27.1	50.1	11 000	37.6	53.6	9 900	42.0
44.0																16.6	45.0	10 200	30.7	50.6	9 100	44.0
46.0																			22.1	46.4	8 500	46.0

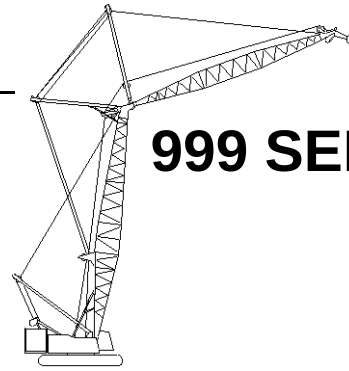


Liftcrane Luffing Jib Capacities

999 SERIES 2

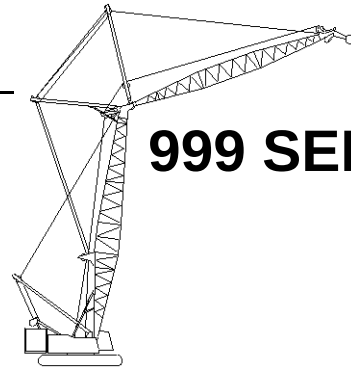
**Luffing Jib No. 149 With
Jib Backstay Pendants On
Boom No. 82
83 730 kg Crane Counterweight
19 960 kg Carbody Counterweight
360 Degree Rating**

Maximum Operating Wind Speeds (all boom lengths)		
10 m/s with 21.3m thru 33.5m Luffing Jib		
7 m/s with 36.6m thru 61.0m Luffing Jib		
5 m/s with 64.0m thru 73.2m Luffing Jib		



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*																			12.2
14.0	72.4	70.9	48 100*																			14.0
16.0	68.8	70.1	44 200*	71.1	70.5	45 100*																16.0
18.0	65.0	69.2	40 600*	67.4	69.7	40 000																18.0
20.0	61.2	68.2	37 000	63.6	68.8	35 900	67.2	69.5	34 300													20.0
22.0	57.2	67.0	33 500	59.7	67.7	32 500	63.5	68.5	31 000													22.0
24.0	53.0	65.5	30 500	55.7	66.4	29 600	59.5	67.4	28 200	63.2	68.1	26 900										24.0
26.0	48.5	63.9	28 000	51.4	64.9	27 100	55.5	66.1	25 800	59.3	67.0	24 600										26.0
28.0	43.7	61.9	25 800	46.8	63.1	25 000	51.2	64.6	23 800	55.2	65.7	22 600	61.5	66.9	20 800							28.0
30.0	38.4	59.5	23 500*	41.8	61.0	23 200	46.6	62.8	22 000	50.9	64.2	20 900	57.5	65.7	19 100							30.0
32.0	32.4	56.7	21 400*	36.3	58.5	21 600	41.6	60.7	20 500	46.3	62.4	19 400	53.3	64.3	17 700							32.0
34.0	25.2	52.9	19 800*	30.0	55.3	19 900	36.1	58.1	19 000	41.3	60.2	18 000	48.9	62.6	16 400	55.5	64.0	14 900				34.0
36.0	14.8	47.2	17 900*	22.0	51.1	18 400	29.6	54.9	17 500	35.7	57.6	16 600	44.1	60.7	15 200	51.2	62.5	13 800				36.0
38.0				8.2	43.3	16 600	21.5	50.6	16 200	29.2	54.4	15 400	38.9	58.4	14 000	46.6	60.7	12 700				38.0
40.0										21.0	50.0	14 300	33.0	55.5	13 000	41.6	58.6	11 700	48.8	60.3	10 500	40.0
42.0													25.8	51.9	12 100	36.1	56.1	10 900	44.0	58.3	9 700	42.0
44.0													15.9	46.5	11 300	29.7	52.9	10 100	38.7	56.0	9 000	44.0
46.0																21.6	48.6	9 400	32.8	53.2	8 300	46.0
48.0																			25.6	49.5	7 800	48.0
50.0																			15.6	44.0	7 200	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**

**Maximum Operating Wind Speeds
(all boom lengths)**

**10 m/s with 21.3m thru 33.5m Luffing Jib
7 m/s with 36.6m thru 61.0m Luffing Jib
5 m/s with 64.0m thru 73.2m Luffing Jib**

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.	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	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	44 300b																16.0
18.0	67.2	72.6	39 500*	69.4	73.0	39 300																18.0
20.0	63.8	71.7	36 400	66.0	72.2	35 300	69.2	72.8	33 700													20.0
22.0	60.2	70.6	33 000	62.5	71.2	32 000	65.8	71.9	30 500													22.0
24.0	56.5	69.3	30 100	58.9	70.0	29 200	62.3	70.9	27 800	65.6	71.5	26 500										24.0
26.0	52.6	67.8	27 600	55.1	68.7	26 700	58.7	69.8	25 400	62.1	70.5	24 200										26.0
28.0	48.5	66.2	25 400	51.2	67.2	24 600	54.9	68.4	23 400	58.5	69.4	22 200										28.0
30.0	44.2	64.2	23 200*	47.0	65.4	22 800	51.0	66.9	21 700	54.7	68.0	20 500	60.5	69.3	18 800							30.0
32.0	39.4	61.9	21 000*	42.5	63.3	21 200	46.8	65.1	20 100	50.7	66.5	19 000	56.8	68.0	17 400							32.0
34.0	34.1	59.2	19 200*	37.5	60.9	19 800	42.3	63.0	18 700	46.5	64.7	17 700	53.0	66.6	16 100							34.0
36.0	27.9	55.8	17 800*	32.0	58.0	18 300	37.3	60.6	17 400	42.0	62.6	16 500	48.9	64.9	15 000	55.0	66.3	13 500				36.0
38.0	20.0	51.1	16 700*	25.3	54.2	17 000	31.7	57.6	16 100	37.0	60.1	15 300	44.5	63.0	13 900	51.0	64.8	12 600				38.0
40.0				16.2	48.7	15 700	24.9	53.8	15 000	31.3	57.1	14 200	39.8	60.8	12 900	46.8	63.0	11 600				40.0
42.0							15.6	48.1	14 000	24.5	53.2	13 200	34.6	58.1	11 900	42.3	60.9	10 700	48.8	62.6	9 600	42.0
44.0										14.9	47.4	12 300	28.4	54.7	11 100	37.3	58.5	9 900	44.4	60.7	8 800	44.0
46.0													20.7	50.2	10 400	31.7	55.5	9 200	39.7	58.4	8 200	46.0
48.0																25.0	51.7	8 600	34.4	55.7	7 600	48.0
50.0																15.7	46.1	8 100	28.3	52.3	7 000	50.0
52.0																			20.5	47.8	6 600	52.0



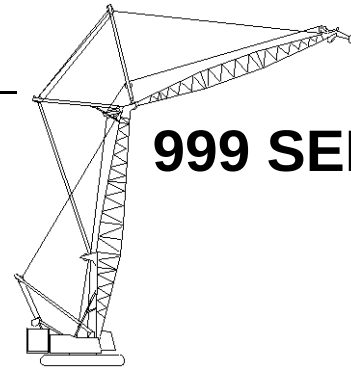
Liftcrane Luffing Jib Capacities

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**

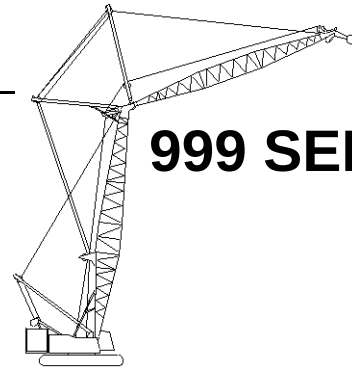
**Maximum Operating Wind Speeds
(all boom lengths)**

10 m/s with 21.3m thru 33.5m Luffing Jib
7 m/s with 36.6m thru 61.0m Luffing Jib
5 m/s with 64.0m thru 73.2m Luffing Jib



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	38 600																18.0
20.0	65.9	75.0	35 600	67.9	75.5	34 600																20.0
22.0	62.7	74.0	32 300	64.8	74.6	31 300	67.8	75.2	29 900													22.0
24.0	59.4	72.9	29 500	61.5	73.6	28 500	64.6	74.3	27 200													24.0
26.0	55.9	71.6	27 000	58.2	72.4	26 200	61.4	73.3	24 900	64.4	74.0	23 700										26.0
28.0	52.4	70.1	24 900	54.7	71.0	24 100	58.0	72.1	22 900	61.2	72.9	21 700										28.0
30.0	48.6	68.5	22 900	51.0	69.5	22 300	54.5	70.7	21 200	57.8	71.7	20 100										30.0
32.0	44.5	66.5	20 900*	47.1	67.7	20 700	50.8	69.2	19 600	54.3	70.3	18 600	59.7	71.6	16 900							32.0
34.0	40.2	64.3	19 000*	43.0	65.7	19 300	46.9	67.4	18 200	50.6	68.8	17 200	56.2	70.4	15 600							34.0
36.0	35.4	61.7	17 500*	38.5	63.3	18 000	42.8	65.3	17 000	46.7	67.0	16 100	52.7	68.9	14 500							36.0
38.0	30.0	58.5	16 200*	33.5	60.5	16 800	38.3	63.0	15 900	42.6	64.9	15 000	48.9	67.2	13 600	54.5	68.7	12 200				38.0
40.0	23.4	54.4	15 100*	27.8	57.0	15 600	33.3	60.1	14 800	38.0	62.5	13 900	44.9	65.3	12 600	50.9	67.1	11 300				40.0
42.0	14.2	48.3	13 900*	20.6	52.5	14 500	27.5	56.6	13 700	33.0	59.6	12 900	40.6	63.1	11 700	47.0	65.3	10 500				42.0
44.0				8.6	44.4	13 100	20.1	52.0	12 800	27.1	56.1	12 100	35.9	60.5	10 900	42.8	63.3	9 700	48.8	64.9	8 500	44.0
46.0										19.6	51.3	11 300	30.5	57.4	10 100	38.3	60.9	9 000	44.8	63.0	7 900	46.0
48.0													24.0	53.4	9 400	33.3	58.1	8 300	40.5	60.8	7 300	48.0
50.0													15.2	47.6	8 800	27.5	54.6	7 800	35.7	58.2	6 800	50.0
52.0																20.2	49.9	7 300	30.3	55.0	6 300	52.0
54.0																			23.9	51.0	5 800	54.0
56.0																			14.9	45.1	5 500	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**

**Maximum Operating Wind Speeds
(all boom lengths)**

**10 m/s with 21.3m thru 33.5m Luffing Jib
7 m/s with 36.6m thru 61.0m Luffing Jib
5 m/s with 64.0m thru 73.2m Luffing Jib**

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.	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	
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	33 900	69.6	78.8	33 900																20.0
22.0	64.8	77.5	31 800	66.7	78.0	30 600	69.5	78.5	29 200													22.0
24.0	61.8	76.4	28 800	63.7	77.0	27 900	66.6	77.7	26 500													24.0
26.0	58.7	75.3	26 400	60.7	75.9	25 600	63.6	76.7	24 300	66.4	77.3	23 000										26.0
28.0	55.5	73.9	24 300	57.5	74.7	23 500	60.5	75.7	22 300	63.4	76.4	21 100										28.0
30.0	52.1	72.5	22 500	54.3	73.3	21 700	57.4	74.4	20 600	60.4	75.3	19 500										30.0
32.0	48.6	70.8	20 800	50.9	71.8	20 100	54.1	73.0	19 000	57.2	74.0	18 000	62.1	75.1	16 300							32.0
34.0	44.9	68.8	19 000*	47.3	70.0	18 700	50.7	71.5	17 700	53.9	72.6	16 700	58.9	74.0	15 100							34.0
36.0	40.9	66.7	17 400*	43.5	68.0	17 500	47.1	69.7	16 500	50.5	71.1	15 600	55.7	72.7	14 000							36.0
38.0	36.6	64.1	16 000*	39.4	65.7	16 400	43.3	67.7	15 400	46.9	69.3	14 500	52.4	71.2	13 100							38.0
40.0	31.7	61.1	14 800*	34.9	63.0	15 300	39.2	65.3	14 500	43.1	67.2	13 600	48.9	69.5	12 200	54.1	71.0	10 800				40.0
42.0	26.0	57.4	13 900*	29.8	59.8	14 200	34.6	62.6	13 400	38.9	64.9	12 700	45.2	67.6	11 300	50.7	69.4	10 100				42.0
44.0	18.8	52.4	13 200*	23.7	55.7	13 300	29.5	59.4	12 500	34.4	62.1	11 700	41.2	65.5	10 500	47.1	67.6	9 300	48.8	67.2	7 500	44.0
46.0				15.4	49.9	12 300	23.3	55.2	11 700	29.2	58.8	11 000	36.9	63.0	9 800	43.3	65.6	8 600	45.1	65.3	6 900	46.0
48.0							14.9	49.3	10 900	22.9	54.7	10 200	32.1	60.0	9 100	39.2	63.3	8 000	41.1	63.1	6 400	48.0
50.0										14.3	48.5	9 600	26.6	56.4	8 500	34.7	60.6	7 400	41.1	63.1	6 400	50.0
52.0													19.5	51.5	7 900	29.5	57.3	6 900	36.8	60.6	5 900	52.0
54.0																23.4	53.2	6 400	32.0	57.6	5 500	54.0
56.0																15.0	47.3	6 000	26.4	54.0	5 100	56.0
58.0																			19.3	49.1	4 700	58.0



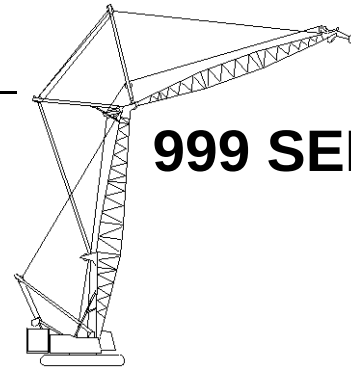
Liftcrane Luffing Jib Capacities

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**

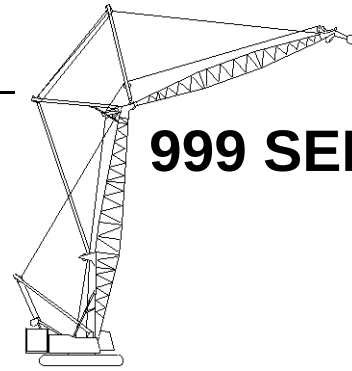
**Maximum Operating Wind Speeds
(all boom lengths)**

10 m/s with 21.3m thru 33.5m Luffing Jib
7 m/s with 36.6m thru 61.0m Luffing Jib
5 m/s with 64.0m thru 73.2m Luffing Jib



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.	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	
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	33 300																20.0
22.0	66.6	80.8	30 400	68.3	81.3	30 200																22.0
24.0	63.8	79.9	28 500	65.6	80.4	27 400	68.2	81.0	26 100													24.0
26.0	61.0	78.8	26 000	62.8	79.4	25 100	65.5	80.1	23 800													26.0
28.0	58.1	77.6	23 900	59.9	78.3	23 100	62.7	79.1	21 900	65.3	79.8	20 800										28.0
30.0	55.0	76.3	22 100	57.0	77.0	21 300	59.8	78.0	20 200	62.5	78.8	19 100										30.0
32.0	51.9	74.8	20 500	53.9	75.6	19 800	56.8	76.8	18 700	59.6	77.6	17 700										32.0
34.0	48.6	73.1	18 800*	50.7	74.1	18 400	53.8	75.4	17 400	56.7	76.4	16 400	61.2	77.5	14 800							34.0
36.0	45.2	71.2	17 300*	47.4	72.3	17 200	50.6	73.8	16 200	53.6	75.0	15 200	58.3	76.3	13 700							36.0
38.0	41.5	69.0	15 900*	43.9	70.3	16 100	47.2	72.0	15 100	50.4	73.4	14 200	55.3	75.0	12 700							38.0
40.0	37.5	66.5	14 700*	40.1	68.1	15 100	43.7	70.0	14 200	47.0	71.6	13 300	52.2	73.5	11 900	56.9	74.7	10 600				40.0
42.0	33.1	63.7	13 600*	36.0	65.4	14 100	39.9	67.7	13 300	43.5	69.6	12 400	48.9	71.8	11 100	53.8	73.3	9 800				42.0
44.0	28.1	60.2	12 800*	31.4	62.4	13 100	35.7	65.1	12 400	39.7	67.3	11 600	45.5	70.0	10 400	50.6	71.7	9 100				44.0
46.0	22.1	55.8	12 100*	26.1	58.7	12 300	31.1	62.0	11 500	35.5	64.6	10 800	41.8	67.8	9 600	47.3	69.9	8 500	52.1	71.2	7 400	46.0
48.0	13.7	49.5	11 200*	19.5	53.8	11 500	25.8	58.2	10 800	30.9	61.5	10 100	37.8	65.4	9 000	43.7	67.9	7 800	48.8	69.5	6 800	48.0
50.0				8.8	45.5	10 300	19.1	53.3	10 100	25.5	57.7	9 400	33.5	62.5	8 300	39.9	65.7	7 300	45.4	67.6	6 200	50.0
52.0										18.6	52.6	8 800	28.6	59.1	7 700	35.8	63.0	6 800	41.7	65.5	5 800	52.0
54.0													22.6	54.9	7 300	31.2	60.0	6 300	37.7	63.0	5 300	54.0
56.0													14.6	48.8	6 800		56.2	5 800	33.4	60.2	4 900	56.0
58.0																19.1	51.2	5 500	28.4	56.8	4 600	58.0
60.0																			22.5	52.5	4 200	60.0
62.0																			14.3	46.3	3 900	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**

**Maximum Operating Wind Speeds
(all boom lengths)**

**10 m/s with 21.3m thru 33.5m Luffing Jib
7 m/s with 36.6m thru 61.0m Luffing Jib
5 m/s with 64.0m thru 73.2m Luffing Jib**

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.	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	
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	32 900																20.0
22.0	68.2	84.1	28 100*	69.8	84.5	29 700																22.0
24.0	65.6	83.3	27 500*	67.2	83.7	27 100																24.0
26.0	63.0	82.3	25 700	64.6	82.8	24 800	67.1	83.5	23 500													26.0
28.0	60.3	81.2	23 600	62.0	81.8	22 800	64.5	82.6	21 600	67.0	83.1	20 500										28.0
30.0	57.5	79.9	21 900	59.3	80.7	21 100	61.9	81.5	20 000	64.4	82.2	18 800										30.0
32.0	54.7	78.6	20 200	56.5	79.4	19 500	59.2	80.4	18 500	61.7	81.1	17 400										32.0
34.0	51.7	77.1	18 600*	53.6	78.0	18 100	56.4	79.1	17 100	59.0	80.0	16 100										34.0
36.0	48.7	75.4	17 100*	50.6	76.4	16 900	53.5	77.7	16 000	56.2	78.7	15 000	60.5	79.9	13 500							36.0
38.0	45.4	73.5	15 800*	47.5	74.6	15 800	50.5	76.1	14 900	53.3	77.3	14 000	57.8	78.7	12 500							38.0
40.0	42.0	71.3	14 600*	44.2	72.6	14 800	47.3	74.3	13 900	50.3	75.7	13 000	54.9	77.3	11 600							40.0
42.0	38.3	68.9	13 500*	40.7	70.4	13 900	44.0	72.3	13 100	47.2	73.9	12 200	52.0	75.8	10 900	56.4	77.0	9 600				42.0
44.0	34.3	66.2	12 600*	36.9	67.9	13 100	40.5	70.1	12 300	43.8	71.9	11 400	48.9	74.1	10 100	53.5	75.6	8 900				44.0
46.0	29.8	62.9	11 800*	32.7	65.0	12 200	36.7	67.5	11 500	40.3	69.6	10 700	45.7	72.3	9 500	50.5	74.0	8 300				46.0
48.0	24.6	58.9	11 100*	28.0	61.5	11 400	32.5	64.6	10 700	36.5	67.1	10 000	42.3	70.2	8 900	47.4	72.2	7 700	51.9	73.5	6 600	48.0
50.0	18.0	53.7	10 700*	22.4	57.1	10 700	27.8	61.1	10 000	32.3	64.1	9 300	38.6	67.8	8 200	44.1	70.2	7 200	48.8	71.8	6 100	50.0
52.0				14.8	51.0	10 000	22.1	56.7	9 400	27.5	60.5	8 700	34.6	65.0	7 700	40.5	68.0	6 700	45.6	69.9	5 700	52.0
54.0							14.4	50.4	8 800	21.7	56.1	8 200	30.2	61.8	7 100	36.7	65.5	6 200	42.2	67.8	5 200	54.0
56.0										13.8	49.7	7 700	25.1	57.9	6 700	32.5	62.5	5 700	38.5	65.4	4 800	56.0
58.0													18.6	52.8	6 200	27.8	59.0	5 300	34.5	62.7	4 400	58.0
60.0																22.1	54.6	4 900	30.1	59.4	4 100	60.0
62.0																14.5	48.4	4 600	24.9	55.5	3 700	62.0
64.0																			18.4	50.4	3 400	64.0



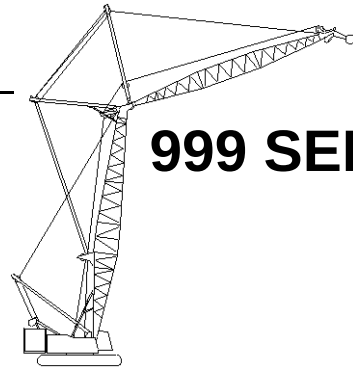
Liftcrane Luffing Jib Capacities

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**

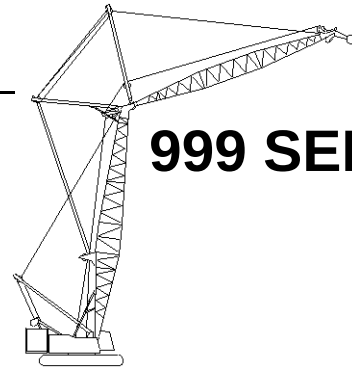
**Maximum Operating Wind Speeds
(all boom lengths)**

10 m/s with 21.3m thru 33.5m Luffing Jib
7 m/s with 36.6m thru 61.0m Luffing Jib
5 m/s with 64.0m thru 73.2m Luffing Jib



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	30 800																20.0
22.0	69.5	87.4	25 900*	71.0	87.8	29 400																22.0
24.0	67.1	86.6	25 400*	68.6	87.0	26 500																24.0
26.0	64.7	85.7	24 800	66.2	86.2	24 300	68.5	86.8	23 000													26.0
28.0	62.2	84.7	23 200	63.8	85.2	22 300	66.1	85.9	21 100													28.0
30.0	59.7	83.5	21 400	61.3	84.2	20 600	63.7	85.0	19 500	66.0	85.6	18 400										30.0
32.0	57.0	82.3	19 800	58.7	83.0	19 100	61.2	83.9	18 000	63.5	84.6	17 000										32.0
34.0	54.4	80.9	18 300*	56.1	81.7	17 700	58.6	82.7	16 700	61.0	83.5	15 700										34.0
36.0	51.6	79.4	16 900*	53.4	80.3	16 500	56.0	81.4	15 600	58.4	82.3	14 600										36.0
38.0	48.7	77.7	15 700*	50.5	78.7	15 400	53.2	80.0	14 500	55.8	81.0	13 600	59.9	82.3	12 100							38.0
40.0	45.6	75.8	14 500*	47.6	76.9	14 400	50.4	78.4	13 500	53.1	79.6	12 700	57.3	81.0	11 300							40.0
42.0	42.4	73.7	13 400*	44.5	75.0	13 500	47.4	76.6	12 700	50.2	78.0	11 800	54.6	79.6	10 500							42.0
44.0	39.0	71.3	12 500*	41.2	72.8	12 700	44.3	74.6	11 900	47.3	76.2	11 000	51.8	78.1	9 800	56.0	79.3	8 500				44.0
46.0	35.3	68.6	11 700*	37.7	70.3	12 000	41.0	72.4	11 100	44.2	74.2	10 400	48.9	76.4	9 100	53.2	77.9	7 900				46.0
48.0	31.2	65.5	10 900*	33.9	67.5	11 200	37.5	69.9	10 500	40.9	72.0	9 700	45.9	74.6	8 500	50.4	76.3	7 400				48.0
50.0	26.6	61.9	10 300*	29.6	64.2	10 400	33.7	67.1	9 800	37.3	69.5	9 100	42.7	72.5	8 000	47.5	74.5	6 800				50.0
52.0	21.0	57.2	9 900*	24.7	60.2	9 800	29.4	63.8	9 100	33.5	66.6	8 500	39.3	70.2	7 400	44.4	72.6	6 400	48.8	74.1	5 400	52.0
54.0	13.3	50.6	8 900*	18.6	55.1	9 200	24.4	59.8	8 600	29.1	63.3	7 900	35.6	67.5	6 900	41.1	70.4	5 900	45.8	72.2	4 900	54.0
56.0				9.0	46.6	8 200	18.2	54.5	8 000	24.1	59.2	7 400	31.6	64.4	6 400	37.5	67.9	5 500	42.6	70.1	4 500	56.0
58.0										17.8	53.9	7 000	27.0	60.8	6 000	33.7	65.1	5 100	39.2	67.8	4 200	58.0
60.0													21.5	56.3	5 600	29.4	61.7	4 700	35.5	65.1	3 800	60.0
62.0													14.1	49.9	5 200	24.5	57.7	4 300	31.5	62.1	3 500	62.0
64.0																18.3	52.5	4 000	26.9	58.4	3 200	64.0
66.0																			21.4	53.9	2 900	66.0
68.0																			13.9	47.4	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**

**Maximum Operating Wind Speeds
(all boom lengths)**

**10 m/s with 21.3m thru 33.5m Luffing Jib
7 m/s with 36.6m thru 61.0m Luffing Jib
5 m/s with 64.0m thru 73.2m Luffing Jib**

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.	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	
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	27 600																22.0
24.0	68.5	89.9	23 300*	69.9	90.3	26 100																24.0
26.0	66.2	89.0	22 900*	67.6	89.5	23 700	69.8	90.0	22 500													26.0
28.0	63.9	88.1	22 400*	65.3	88.6	21 800	67.5	89.3	20 600													28.0
30.0	61.5	87.0	20 800*	63.0	87.6	20 100	65.2	88.4	18 900													30.0
32.0	59.1	85.9	19 300	60.6	86.5	18 600	62.9	87.4	17 500	65.1	88.0	16 500										32.0
34.0	56.6	84.6	17 900	58.2	85.3	17 200	60.5	86.3	16 200	62.8	87.0	15 200										34.0
36.0	54.1	83.2	16 700*	55.7	84.0	16 100	58.1	85.1	15 100	60.4	85.9	14 100										36.0
38.0	51.4	81.7	15 500*	53.1	82.6	15 000	55.6	83.7	14 000	57.9	84.7	13 100										38.0
40.0	48.7	80.0	14 400*	50.4	81.0	14 000	53.0	82.3	13 100	55.4	83.3	12 200	59.3	84.6	10 800							40.0
42.0	45.8	78.1	13 300*	47.7	79.2	13 100	50.3	80.7	12 200	52.8	81.9	11 400	56.8	83.3	10 000							42.0
44.0	42.8	76.0	12 400*	44.8	77.3	12 300	47.5	78.9	11 400	50.2	80.3	10 600	54.3	82.0	9 300							44.0
46.0	39.6	73.7	11 600*	41.7	75.1	11 500	44.6	77.0	10 700	47.4	78.5	9 900	51.7	80.4	8 700	55.6	81.7	7 400				46.0
48.0	36.2	71.1	10 800*	38.4	72.7	10 800	41.5	74.8	10 000	44.4	76.5	9 300	48.9	78.7	8 100	53.0	80.2	6 900				48.0
50.0	32.4	68.1	10 200*	34.9	70.0	10 200	38.2	72.4	9 500	41.3	74.3	8 700	46.1	76.9	7 500	50.3	78.6	6 400				50.0
52.0	28.3	64.6	9 600*	31.0	66.8	9 500	34.7	69.6	8 900	38.0	71.9	8 200	43.1	74.8	7 000	47.5	76.8	5 900	51.6	78.1	4 900	52.0
54.0	23.4	60.4	9 100*	26.6	63.1	8 900	30.8	66.4	8 300	34.5	69.1	7 600	39.9	72.5	6 600	44.6	74.9	5 500	48.9	76.4	4 500	54.0
56.0	17.2	54.9	8 300*	21.4	58.5	8 400	26.4	62.7	7 700	30.5	65.9	7 100	36.5	69.9	6 100	41.5	72.7	5 100	46.0	74.5	4 100	56.0
58.0				14.4	52.2	7 800	21.1	58.1	7 200	26.1	62.2	6 600	32.8	67.0	5 700	38.3	70.3	4 700	43.0	72.5	3 800	58.0
60.0							14.0	51.6	6 800	20.7	57.4	6 200	28.6	63.6	5 300	34.7	67.5	4 300	39.8	70.2	3 400	60.0
62.0										13.5	50.8	5 800	23.8	59.4	4 900	30.8	64.4	4 000	36.4	67.6	3 200	62.0
64.0													17.8	54.1	4 500	26.4	60.7	3 700	32.7	64.6	2 900	64.0
66.0																21.1	56.0	3 400	28.5	61.2	2 600	66.0
68.0																14.0	49.5	3 100	23.7	57.0	2 300	68.0
70.0																			17.7	51.6	2 100	70.0



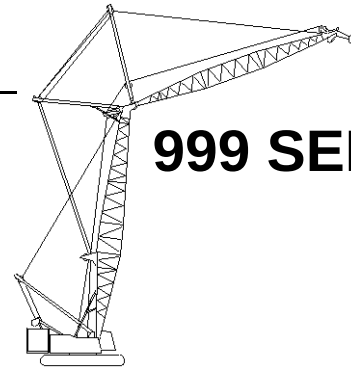
Liftcrane Luffing Jib Capacities

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**

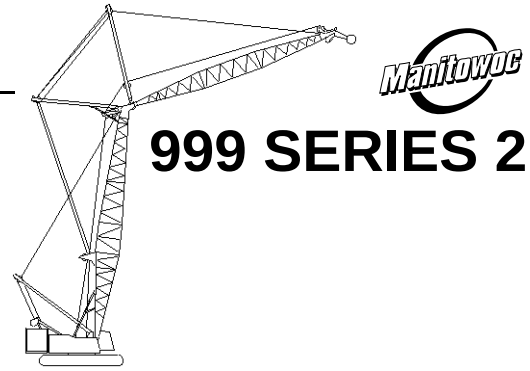
**Maximum Operating Wind Speeds
(all boom lengths)**

10 m/s with 21.3m thru 33.5m Luffing Jib
7 m/s with 36.6m thru 61.0m Luffing Jib
5 m/s with 64.0m thru 73.2m Luffing Jib



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.	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	
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	23 300	70.9	93.3	22 000													26.0
28.0	65.3	91.5	20 600*	66.7	92.0	21 400	68.8	92.5	20 200													28.0
30.0	63.1	90.5	20 100*	64.6	91.0	19 700	66.6	91.7	18 600													30.0
32.0	60.9	89.4	18 900*	62.3	90.0	18 200	64.4	90.8	17 200	66.5	91.3	16 100										32.0
34.0	58.6	88.2	17 600	60.1	88.9	16 900	62.2	89.8	15 900	64.3	90.4	14 900										34.0
36.0	56.2	86.9	16 400	57.7	87.7	15 700	60.0	88.6	14 800	62.1	89.4	13 800										36.0
38.0	53.8	85.5	15 300	55.4	86.3	14 700	57.6	87.4	13 700	59.8	88.3	12 800										38.0
40.0	51.3	84.0	14 300	52.9	84.9	13 700	55.2	86.1	12 800	57.5	87.0	11 900	61.1	88.1	10 500							40.0
42.0	48.7	82.3	13 300*	50.4	83.3	12 800	52.8	84.6	11 900	55.1	85.7	11 100	58.8	87.0	9 800							42.0
44.0	46.0	80.4	12 400*	47.7	81.5	12 000	50.2	83.0	11 100	52.6	84.2	10 400	56.4	85.7	9 000							44.0
46.0	43.2	78.3	11 600*	45.0	79.6	11 200	47.6	81.2	10 400	50.1	82.6	9 700	54.0	84.3	8 400	57.6	85.3	7 200				46.0
48.0	40.2	76.1	10 800*	42.1	77.4	10 500	44.8	79.3	9 800	47.5	80.8	9 000	51.5	82.7	7 800	55.3	84.0	6 700				48.0
50.0	37.0	73.5	10 200*	39.0	75.1	9 900	41.9	77.1	9 200	44.7	78.8	8 500	48.9	81.0	7 300	52.8	82.5	6 200				50.0
52.0	33.5	70.6	9 500*	35.7	72.4	9 300	38.9	74.7	8 600	41.8	76.7	7 900	46.2	79.2	6 800	50.3	80.9	5 700				52.0
54.0	29.7	67.3	8 900*	32.2	69.4	8 800	35.6	72.1	8 100	38.7	74.3	7 400	43.4	77.1	6 300	47.6	79.1	5 300	51.5	80.4	4 300	54.0
56.0	25.3	63.4	8 300*	28.2	65.9	8 200	32.0	69.0	7 600	35.4	71.6	6 900	40.4	74.9	5 900	44.9	77.2	4 900	48.9	78.7	3 900	56.0
58.0	20.1	58.6	7 700*	23.6	61.7	7 700	28.0	65.5	7 100	31.8	68.5	6 500	37.2	72.4	5 500	42.0	75.1	4 500	46.2	76.8	3 600	58.0
60.0	13.0	51.7	6 800*	17.9	56.3	7 200	23.3	61.3	6 600	27.7	65.0	6 000	33.8	69.5	5 100	38.9	72.7	4 200	43.3	74.8	3 200	60.0
62.0				9.1	47.7	6 300	17.5	55.8	6 200	23.0	60.7	5 700	30.0	66.3	4 700	35.6	70.0	3 800	40.3	72.5	2 900	62.0
64.0							8.5	46.8	5 800	17.2	55.1	5 300	25.7	62.4	4 400	32.0	67.0	3 500	37.2	70.0	2 700	64.0
66.0													20.6	57.6	4 000	28.0	63.5	3 200	33.7	67.2	2 400	66.0
68.0													13.7	51.0	3 800	23.4	59.2	2 900	29.9	63.9	2 200	68.0
70.0																17.6	53.8	2 700	25.6	60.0	1 900	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**

**Maximum Operating Wind Speeds
(all boom lengths)**

**10 m/s with 21.3m thru 33.5m Luffing Jib
7 m/s with 36.6m thru 61.0m Luffing Jib
5 m/s with 64.0m thru 73.2m Luffing Jib**

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.	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	
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	21 300	69.9	95.8	20 000													28.0
30.0	64.6	93.9	18 700*	65.9	94.4	19 500	67.9	95.0	18 400													30.0
32.0	62.5	92.9	18 200*	63.8	93.5	18 100	65.8	94.2	17 000	67.7	94.7	15 900										32.0
34.0	60.3	91.8	17 100*	61.7	92.4	16 800	63.7	93.2	15 700	65.7	93.8	14 700										34.0
36.0	58.1	90.6	16 000*	59.5	91.3	15 600	61.6	92.1	14 600	63.6	92.8	13 600										36.0
38.0	55.9	89.3	15 000*	57.3	90.0	14 500	59.4	91.0	13 600	61.5	91.8	12 700										38.0
40.0	53.6	87.8	14 000*	55.1	88.7	13 500	57.2	89.7	12 600	59.3	90.6	11 800										40.0
42.0	51.2	86.3	13 100*	52.7	87.2	12 700	54.9	88.4	11 800	57.1	89.4	11 000	60.5	90.5	9 600							42.0
44.0	48.7	84.6	12 300*	50.3	85.6	11 800	52.6	86.9	11 000	54.8	88.0	10 200	58.3	89.3	8 900							44.0
46.0	46.2	82.7	11 500*	47.8	83.8	11 100	50.2	85.3	10 300	52.5	86.5	9 500	56.1	88.0	8 300							46.0
48.0	43.5	80.7	10 700*	45.2	81.9	10 400	47.7	83.5	9 600	50.0	84.9	8 900	53.8	86.6	7 700							48.0
50.0	40.6	78.4	10 100*	42.5	79.8	9 800	45.1	81.6	9 000	47.5	83.1	8 300	51.4	85.0	7 100	55.0	86.3	6 000				50.0
52.0	37.6	75.9	9 500*	39.6	77.5	9 200	42.3	79.5	8 500	44.9	81.1	7 800	48.9	83.3	6 600	52.6	84.8	5 500				52.0
54.0	34.4	73.1	8 900*	36.5	74.9	8 700	39.4	77.1	8 000	42.2	79.0	7 300	46.4	81.5	6 200	50.2	83.2	5 100				54.0
56.0	30.9	70.0	8 300*	33.2	71.9	8 200	36.3	74.5	7 500	39.3	76.7	6 800	43.7	79.5	5 700	47.7	81.4	4 700	51.3	82.7	3 700	56.0
58.0	27.0	66.3	7 700*	29.5	68.6	7 600	33.0	71.6	7 100	36.2	74.0	6 400	40.9	77.2	5 300	45.1	79.5	4 300	48.9	81.0	3 400	58.0
60.0	22.4	61.9	7 200*	25.4	64.7	7 200	29.3	68.2	6 600	32.8	71.1	6 000	37.9	74.8	5 000	42.3	77.4	4 000	46.3	79.1	3 100	60.0
62.0	16.7	56.1	6 600*	20.5	59.9	6 700	25.2	64.3	6 200	29.1	67.7	5 600	34.7	72.0	4 600	39.5	75.1	3 700	43.6	77.1	2 800	62.0
64.0	7.3	46.4	5 300*	14.0	53.3	6 300	20.2	59.4	5 800	24.9	63.7	5 200	31.2	68.9	4 300	36.4	72.4	3 400	40.8	74.9	2 500	64.0
66.0							13.6	52.7	5 400	19.9	58.8	4 900	27.3	65.3	4 000	33.0	69.5	3 100	37.8	72.4	2 200	66.0
68.0										13.2	51.9	4 500	22.8	60.9	3 700	29.4	66.2	2 800	34.6	69.6	2 000	68.0
70.0													17.2	55.3	3 400	25.2	62.2	2 600				70.0
72.0																20.3	57.4	2 300				72.0
74.0																13.7	50.7	2 100				74.0



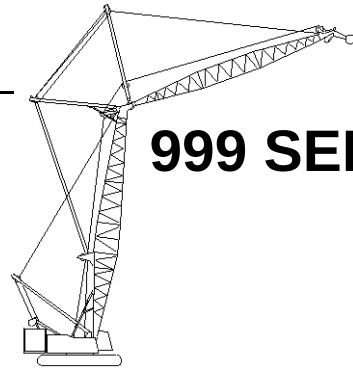
Liftcrane Luffing Jib Capacities

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**

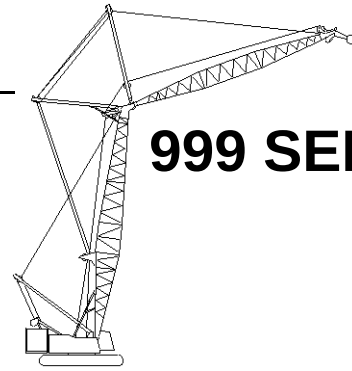
**Maximum Operating Wind Speeds
(all boom lengths)**

10 m/s with 21.3m thru 33.5m Luffing Jib
7 m/s with 36.6m thru 61.0m Luffing Jib
5 m/s with 64.0m thru 73.2m Luffing Jib



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	19 200	69.0	98.3	18 000													30.0
32.0	63.9	96.3	16 900*	65.2	96.8	17 600	67.0	97.5	16 600													32.0
34.0	61.9	95.3	16 500*	63.2	95.9	16 400	65.1	96.6	15 300	66.9	97.1	14 300										34.0
36.0	59.8	94.2	15 600*	61.1	94.8	15 200	63.1	95.6	14 200	65.0	96.2	13 200										36.0
38.0	57.7	92.9	14 600*	59.1	93.6	14 100	61.0	94.5	13 200	63.0	95.2	12 300										38.0
40.0	55.6	91.6	13 700*	56.9	92.4	13 200	59.0	93.3	12 300	60.9	94.1	11 400										40.0
42.0	53.4	90.1	12 900	54.8	91.0	12 300	56.8	92.1	11 400	58.8	93.0	10 600	62.1	94.0	9 200							42.0
44.0	51.1	88.6	12 000	52.5	89.5	11 500	54.7	90.7	10 600	56.7	91.7	9 900	60.0	92.9	8 500							44.0
46.0	48.7	86.9	11 300	50.2	87.9	10 700	52.4	89.2	10 000	54.5	90.3	9 200	57.9	91.7	7 900							46.0
48.0	46.3	85.0	10 600	47.9	86.1	10 100	50.1	87.6	9 300	52.3	88.8	8 600	55.8	90.3	7 300							48.0
50.0	43.7	83.0	9 900	45.4	84.2	9 400	47.7	85.8	8 700	50.0	87.2	8 000	53.5	88.9	6 800							50.0
52.0	41.1	80.8	9 300	42.8	82.1	8 900	45.3	83.9	8 200	47.6	85.4	7 400	51.3	87.3	6 300	54.7	88.6	5 200				52.0
54.0	38.2	78.3	8 600*	40.1	79.8	8 300	42.7	81.8	7 600	45.1	83.5	7 000	48.9	85.6	5 800	52.5	87.1	4 800				54.0
56.0	35.2	75.6	8 000*	37.2	77.3	7 800	39.9	79.5	7 200	42.5	81.3	6 500	46.5	83.8	5 400	50.1	85.5	4 400				56.0
58.0	32.0	72.6	7 500*	34.1	74.5	7 400	37.0	76.9	6 700	39.8	79.0	6 100	44.0	81.8	5 000	47.8	83.7	4 000	51.2	85.0	3 100	58.0
60.0	28.4	69.1	6 900*	30.7	71.3	7 000	33.9	74.1	6 300	36.9	76.5	5 600	41.3	79.6	4 700	45.3	81.8	3 700	48.9	83.3	2 700	60.0
62.0	24.3	65.0	6 400*	26.9	67.6	6 500	30.5	70.9	5 900	33.7	73.6	5 300	38.5	77.2	4 300	42.7	79.7	3 300	46.4	81.5	2 400	62.0
64.0	19.4	59.9	6 000*	22.6	63.2	6 100	26.7	67.2	5 500	30.3	70.4	4 900	35.5	74.5	4 000	39.9	77.4	3 000	43.9	79.4	2 200	64.0
66.0	12.8	52.8	5 200*	17.3	57.5	5 700	22.4	62.7	5 100	26.5	66.6	4 600	32.2	71.5	3 600	37.1	74.9	2 700	41.2	77.2	1 900	66.0
68.0				9.2	48.8	4 900	17.0	57.0	4 800	22.1	62.1	4 300	28.7	68.0	3 400	33.9	72.0	2 500				68.0
70.0							8.7	48.0	4 500	16.6	56.3	4 000	24.6	64.0	3 100	30.6	68.8	2 200				70.0
72.0													19.8	59.0	2 800	26.8	65.1	2 000				72.0
74.0													13.4	52.1	2 600	22.4	60.7	1 800				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**

**Maximum Operating Wind Speeds
(all boom lengths)**

**10 m/s with 21.3m thru 33.5m Luffing Jib
7 m/s with 36.6m thru 61.0m Luffing Jib
5 m/s with 64.0m thru 73.2m Luffing Jib**

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.	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	
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	17 200										30.0
32.0	65.2	99.7	15 300*	66.4	100.2	17 200	68.1	100.8	16 100										32.0
34.0	63.3	98.7	15 100*	64.5	99.3	15 900	66.3	99.9	14 900										34.0
36.0	61.3	97.7	14 900*	62.6	98.3	14 700	64.4	99.0	13 800	66.2	99.6	12 800							36.0
38.0	59.4	96.5	14 200*	60.6	97.2	13 700	62.5	98.0	12 700	64.3	98.6	11 800							38.0
40.0	57.3	95.3	13 300	58.6	96.0	12 800	60.5	96.9	11 800	62.4	97.6	10 900							40.0
42.0	55.3	93.9	12 500	56.6	94.7	11 900	58.5	95.7	11 000	60.4	96.5	10 200							42.0
44.0	53.2	92.4	11 600	54.5	93.3	11 100	56.5	94.4	10 200	58.4	95.3	9 400	61.5	96.4	8 100				44.0
46.0	51.0	90.9	10 900	52.4	91.8	10 300	54.4	93.0	9 600	56.4	94.0	8 800	59.5	95.2	7 500				46.0
48.0	48.7	89.2	10 200	50.2	90.2	9 700	52.3	91.5	8 900	54.3	92.6	8 200	57.5	94.0	6 900				48.0
50.0	46.4	87.3	9 600	47.9	88.4	9 100	50.1	89.9	8 300	52.2	91.1	7 600	55.5	92.6	6 400				50.0
52.0	44.0	85.3	9 000	45.5	86.5	8 500	47.8	88.1	7 700	49.9	89.5	7 000	53.3	91.2	5 900	56.5	92.3	4 800	52.0
54.0	41.5	83.1	8 400*	43.1	84.4	7 900	45.4	86.2	7 200	47.7	87.7	6 600	51.2	89.6	5 400	54.4	90.9	4 400	54.0
56.0	38.8	80.7	7 700*	40.5	82.2	7 400	43.0	84.1	6 800	45.3	85.8	6 100	48.9	87.9	5 000	52.3	89.4	4 000	56.0
58.0	36.0	78.1	7 200*	37.8	79.7	7 000	40.4	81.8	6 300	42.8	83.7	5 600	46.6	86.1	4 600	50.1	87.8	3 600	58.0
60.0	32.9	75.1	6 600*	34.9	76.9	6 600	37.6	79.3	5 900	40.2	81.4	5 300	44.2	84.1	4 200	47.8	86.0	3 300	60.0
62.0	29.6	71.8	6 100*	31.7	73.9	6 200	34.7	76.6	5 500	37.5	78.9	4 900	41.7	81.9	3 900	45.5	84.1	2 900	62.0
64.0	25.9	67.9	5 700*	28.3	70.3	5 800	31.6	73.5	5 200	34.6	76.1	4 600	39.0	79.5	3 600	43.0	82.1	2 600	64.0
66.0	21.5	63.3	5 300*	24.4	66.2	5 400	28.1	69.9	4 800	31.4	73.0	4 200	36.2	76.9	3 300	40.4	79.8	2 400	66.0
68.0	16.2	57.3	4 800*	19.8	61.2	5 000	24.2	65.8	4 500	27.9	69.4	3 900	33.2	74.0	3 000	37.7	77.3	2 100	68.0
70.0	7.6	47.5	3 700*	13.7	54.4	4 600	19.5	60.7	4 200	23.9	65.2	3 700	29.9	70.7	2 700	34.7	74.5	1 900	70.0
72.0							13.3	53.8	3 900	19.2	60.1	3 400	26.2	66.9	2 500				72.0
74.0										12.9	53.0	3 100	21.9	62.3	2 300				74.0
76.0													16.7	56.5	2 100				76.0

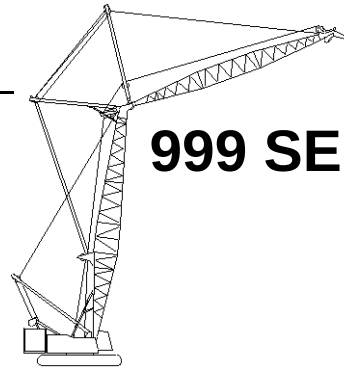


Liftcrane Luffing Jib Capacities

999 SERIES 2

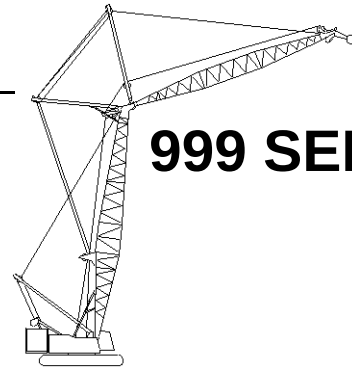
**Luffing Jib No. 149 With
Jib Backstay Pendants On
Boom No. 82
83 730 kg Crane Counterweight
19 960 kg Carbody Counterweight
360 Degree Rating**

Maximum Operating Wind Speeds (all boom lengths)		
10 m/s with 21.3m thru 33.5m Luffing Jib	7 m/s with 36.6m thru 61.0m Luffing Jib	5 m/s with 64.0m thru 73.2m Luffing Jib



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

**Maximum Operating Wind Speeds
(all boom lengths)**

**10 m/s with 21.3m thru 33.5m Luffing Jib
7 m/s with 36.6m thru 61.0m Luffing Jib
5 m/s with 64.0m thru 73.2m Luffing Jib**

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.	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	
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	14 900	68.4	106.6	14 100							34.0
36.0	63.9	104.5	12 700*	65.0	105.1	14 000	66.7	105.7	13 000							36.0
38.0	62.2	103.5	12 400*	63.3	104.1	12 900	64.9	104.8	12 000	66.6	105.3	11 100				38.0
40.0	60.4	102.4	11 800*	61.5	103.0	12 000	63.2	103.8	11 100	64.8	104.4	10 200				40.0
42.0	58.5	101.2	11 200*	59.7	101.9	11 200	61.4	102.8	10 300	63.1	103.4	9 400				42.0
44.0	56.7	99.9	10 600*	57.9	100.7	10 400	59.6	101.6	9 500	61.3	102.4	8 700				44.0
46.0	54.8	98.5	10 000*	56.0	99.3	9 700	57.8	100.4	8 800	59.5	101.2	8 100	62.3	102.2	6 800	46.0
48.0	52.8	97.1	9 500	54.1	97.9	9 000	55.9	99.1	8 200	57.7	100.0	7 400	60.5	101.1	6 200	48.0
50.0	50.8	95.5	8 900	52.1	96.4	8 400	54.0	97.6	7 600	55.8	98.7	6 900	58.7	99.9	5 700	50.0
52.0	48.8	93.8	8 300	50.1	94.8	7 800	52.0	96.1	7 100	53.9	97.2	6 400	56.8	98.7	5 200	52.0
54.0	46.6	91.9	7 800	48.0	93.0	7 300	50.0	94.5	6 600	51.9	95.7	5 900	54.9	97.3	4 800	54.0
56.0	44.4	89.9	7 300	45.8	91.1	6 800	47.9	92.7	6 100	49.9	94.1	5 400	53.0	95.8	4 300	56.0
58.0	42.1	87.8	6 700*	43.6	89.1	6 300	45.7	90.8	5 700	47.8	92.3	5 000	51.0	94.2	4 000	58.0
60.0	39.7	85.5	6 200*	41.3	86.9	5 900	43.5	88.8	5 300	45.6	90.4	4 600	48.9	92.5	3 600	60.0
62.0	37.2	82.9	5 700*	38.8	84.5	5 500	41.2	86.5	4 900	43.4	88.3	4 200	46.8	90.7	3 300	62.0
64.0	34.5	80.1	5 200*	36.2	81.8	5 200	38.7	84.1	4 500	41.0	86.1	3 900	44.6	88.7	2 900	64.0
66.0	31.6	77.0	4 800*	33.5	78.9	4 800	36.1	81.5	4 200	38.6	83.7	3 600	42.3	86.6	2 600	66.0
68.0	28.4	73.5	4 400*	30.5	75.7	4 500	33.3	78.6	3 900	36.0	81.0	3 300	39.9	84.3	2 300	68.0
70.0	24.9	69.5	4 000*	27.2	72.0	4 200	30.3	75.3	3 600	33.2	78.1	3 000	37.4	81.8	2 100	70.0
72.0	20.8	64.7	3 700*	23.5	67.7	3 900	27.0	71.6	3 300	30.2	74.8	2 800				72.0
74.0	15.7	58.5	3 300*	19.1	62.5	3 600*	23.3	67.3	3 100	26.8	71.1	2 500				74.0
76.0	7.9	48.7	2 300*	13.4	55.5	3 100*	18.9	62.0	2 800	23.1	66.7	2 300				76.0
78.0							13.1	54.9	2 600	18.6	61.4	2 100				78.0
80.0										12.7	54.1	1 900				80.0



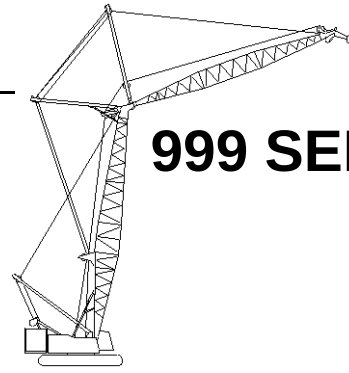
Liftcrane Luffing Jib Capacities

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**

**Maximum Operating Wind Speeds
(all boom lengths)**

**10 m/s with 21.3m thru 33.5m Luffing Jib
7 m/s with 36.6m thru 61.0m Luffing Jib
5 m/s with 64.0m thru 73.2m Luffing Jib**

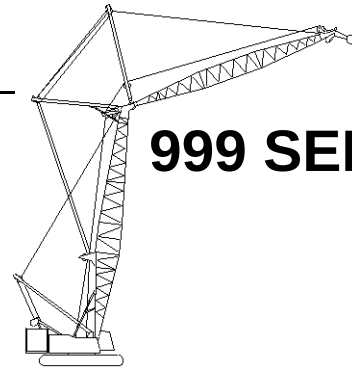


39.6m (130 Ft.) Boom, 21.3m (70 Ft.) Luffing Jib

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.	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	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 700b	59.9	60.2	47 900b																16.0
18.0	48.6	57.8	43 900	53.4	58.9	42 400	60.1	60.0	40 600b													18.0
20.0	40.8	55.7	39 400	46.3	57.1	38 100	53.6	58.7	36 300	60.3	59.7	34 700b										20.0
22.0	31.4	52.9	35 800	38.1	54.8	34 600	46.5	56.9	32 900	53.8	58.4	31 300b										22.0
24.0	18.1	48.3	30 600	28.0	51.6	31 700	38.4	54.7	30 100	46.7	56.6	28 600	58.3	58.5	26 300b							24.0
26.0							28.3	51.5	27 700	38.6	54.4	26 200	51.6	57.1	24 000							26.0
28.0										28.6	51.3	24 200	44.2	55.2	22 100	55.9	56.9	20 200b				28.0
30.0													35.7	52.7	20 300	49.1	55.3	18 600				30.0
32.0													24.6	49.1	18 600	41.3	53.3	17 000				32.0
34.0																32.1	50.5	15 600	46.0	53.2	14 100	34.0
36.0																19.2	46.1	14 300	37.8	50.9	13 000	36.0
38.0																			27.5	47.6	12 000	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.	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	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	46 800b																16.0
18.0	54.7	61.7	42 800	58.6	62.6	41 500	64.2	63.5	39 600b													18.0
20.0	48.6	60.1	38 500	52.9	61.2	37 300	58.8	62.4	35 500	64.3	63.2	33 800b										20.0
22.0	41.9	58.1	34 900	46.6	59.4	33 800	53.1	61.0	32 100	58.9	62.1	30 600										22.0
24.0	34.1	55.4	31 900	39.6	57.2	30 900	46.8	59.2	29 300	53.2	60.7	27 800										24.0
26.0	24.2	51.7	29 400	31.4	54.3	28 400	39.9	57.1	26 900	47.0	59.0	25 500	57.1	60.9	23 300							26.0
28.0				20.1	50.0	26 300	31.6	54.2	24 900	40.0	56.8	23 500	51.3	59.4	21 400							28.0
30.0							20.6	49.9	22 900	31.9	53.9	21 700	44.9	57.5	19 800							30.0
32.0										20.9	49.7	20 000	37.6	55.1	18 300	49.0	57.6	16 600				32.0
34.0													28.8	52.0	16 800	42.4	55.6	15 200				34.0
36.0													15.9	46.9	15 400	34.7	53.0	14 000	46.4	55.5	12 600	36.0
38.0																24.9	49.4	12 900	39.3	53.3	11 600	38.0
40.0																			31.0	50.3	10 700	40.0
42.0																			19.6	45.9	9 900	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**

**Maximum Operating Wind Speeds
(all boom lengths)**

**10 m/s with 21.3m thru 33.5m Luffing Jib
7 m/s with 36.6m thru 61.0m Luffing Jib
5 m/s with 64.0m thru 73.2m Luffing Jib**

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.	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	69.2	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	45 800b																16.0
18.0	59.1	65.4	42 000	62.5	66.1	40 600	67.3	66.9	38 800b													18.0
20.0	54.1	64.0	37 700	57.6	64.9	36 500	62.6	65.9	34 800	67.4	66.6	33 100b										20.0
22.0	48.7	62.4	34 200	52.5	63.5	33 100	57.8	64.7	31 500	62.7	65.6	29 900										22.0
24.0	42.8	60.4	31 300	46.9	61.7	30 200	52.6	63.3	28 700	57.9	64.4	27 200										24.0
26.0	36.1	57.9	28 400*	40.8	59.6	27 700	47.1	61.6	26 300	52.7	63.0	24 900	61.2	64.4	22 800							26.0
28.0	28.0	54.6	25 800*	33.7	56.9	25 700	41.0	59.4	24 300	47.2	61.3	23 000	56.3	63.2	20 900							28.0
30.0	16.5	49.5	23 100*	25.0	53.2	23 800	34.0	56.7	22 500	41.1	59.1	21 300	51.0	61.7	19 300							30.0
32.0				10.7	46.7	21 900	25.3	53.1	20 800	34.2	56.5	19 800	45.4	59.8	17 900	54.4	61.6	16 200				32.0
34.0										25.5	52.9	18 100	39.0	57.5	16 600	49.0	59.9	15 000				34.0
36.0													31.7	54.6	15 200	43.2	58.0	13 700				36.0
38.0													22.1	50.6	14 100	36.5	55.5	12 700	46.7	57.8	11 300	38.0
40.0																28.6	52.3	11 700	40.5	55.6	10 400	40.0
42.0																17.5	47.4	10 900	33.4	52.9	9 700	42.0
44.0																			24.6	49.2	9 000	44.0



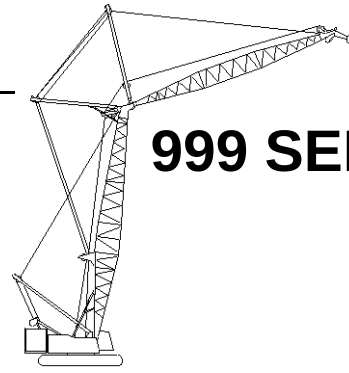
Liftcrane Luffing Jib Capacities

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**

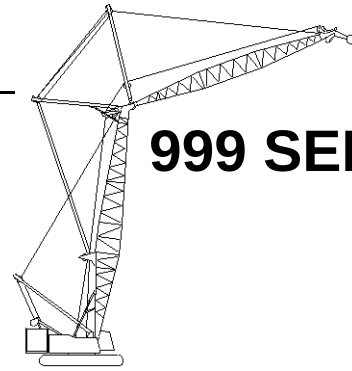
**Maximum Operating Wind Speeds
(all boom lengths)**

**10 m/s with 21.3m thru 33.5m Luffing Jib
7 m/s with 36.6m thru 61.0m Luffing Jib
5 m/s with 64.0m thru 73.2m Luffing Jib**



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	45 000b																16.0
18.0	62.5	68.9	41 100	65.4	69.5	40 000																18.0
20.0	58.2	67.8	37 100	61.2	68.5	35 900	65.6	69.3	34 200													20.0
22.0	53.6	66.4	33 700	56.8	67.2	32 500	61.3	68.3	30 900	65.7	69.0	29 400										22.0
24.0	48.7	64.7	30 700	52.1	65.8	29 700	56.9	67.1	28 200	61.4	68.0	26 700										24.0
26.0	43.4	62.7	27 700*	47.1	64.0	27 200	52.3	65.6	25 800	57.0	66.7	24 500										26.0
28.0	37.5	60.3	24 900*	41.7	61.9	25 200	47.3	63.9	23 800	52.4	65.3	22 500	60.0	66.8	20 500							28.0
30.0	30.7	57.3	22 700*	35.5	59.4	23 300	41.9	61.8	22 100	47.4	63.6	20 800	55.6	65.5	18 900							30.0
32.0	22.0	53.1	21 100*	28.3	56.1	21 800	35.8	59.2	20 500	42.0	61.5	19 300	50.8	64.0	17 500							32.0
34.0				18.5	51.3	20 100	28.5	55.9	19 100	35.9	58.9	18 000	45.7	62.1	16 300	53.9	63.9	14 600				34.0
36.0							18.9	51.2	17 600	28.7	55.7	16 700	40.1	59.9	15 100	49.0	62.2	13 600				36.0
38.0										19.2	51.0	15 400	33.8	57.2	13 900	43.8	60.3	12 500				38.0
40.0													26.0	53.6	12 900	37.9	57.9	11 600	46.9	60.1	10 300	40.0
42.0													14.9	48.0	12 000	31.2	54.9	10 700	41.4	58.0	9 500	42.0
44.0																22.7	50.9	9 900	35.3	55.4	8 800	44.0
46.0																			28.0	52.0	8 100	46.0
48.0																			18.0	47.2	7 500	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**

**Maximum Operating Wind Speeds
(all boom lengths)**

**10 m/s with 21.3m thru 33.5m Luffing Jib
7 m/s with 36.6m thru 61.0m Luffing Jib
5 m/s with 64.0m thru 73.2m Luffing Jib**

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.	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	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	44 300b																16.0
18.0	65.2	72.3	40 200*	67.8	72.9	39 300																18.0
20.0	61.4	71.3	36 500	64.0	71.9	35 300	67.9	72.7	33 700													20.0
22.0	57.4	70.1	33 100	60.2	70.8	32 000	64.2	71.7	30 400													22.0
24.0	53.2	68.7	30 200	56.1	69.6	29 200	60.3	70.7	27 700	64.3	71.4	26 300										24.0
26.0	48.7	67.0	27 300*	51.8	68.1	26 800	56.2	69.4	25 400	60.4	70.3	24 100										26.0
28.0	44.0	65.1	24 500*	47.3	66.3	24 700	52.0	67.9	23 400	56.3	69.1	22 200										28.0
30.0	38.7	62.7	22 200*	42.4	64.3	22 900	47.4	66.2	21 700	52.1	67.6	20 500	59.1	69.1	18 600							30.0
32.0	32.8	59.9	20 200*	37.0	61.8	21 300	42.5	64.1	20 100	47.6	65.9	19 000	55.0	67.8	17 200							32.0
34.0	25.6	56.2	18 700*	30.7	58.7	19 900	37.1	61.7	18 800	42.7	63.8	17 700	50.7	66.3	16 000							34.0
36.0	15.5	50.7	17 400*	22.9	54.7	18 500	30.9	58.6	17 500	37.3	61.4	16 500	46.0	64.4	14 900	53.5	66.2	13 300				36.0
38.0				10.6	47.7	17 000	23.2	54.6	16 200	31.1	58.4	15 300	41.0	62.3	13 800	49.0	64.5	12 400				38.0
40.0										23.4	54.4	14 200	35.4	59.7	12 800	44.3	62.6	11 400	51.7	64.2	10 100	40.0
42.0													28.8	56.4	11 900	39.1	60.3	10 600	47.1	62.4	9 300	42.0
44.0													20.4	51.9	11 100	33.2	57.5	9 800	42.2	60.3	8 600	44.0
46.0																26.1	53.9	9 200	36.7	57.8	8 000	46.0
48.0																16.4	48.6	8 500	30.4	54.7	7 400	48.0
50.0																			22.6	50.6	6 900	50.0



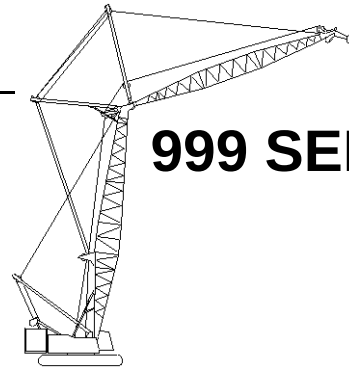
Liftcrane Luffing Jib Capacities

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**

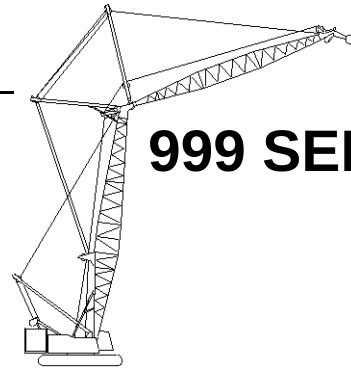
**Maximum Operating Wind Speeds
(all boom lengths)**

**10 m/s with 21.3m thru 33.5m Luffing Jib
7 m/s with 36.6m thru 61.0m Luffing Jib
5 m/s with 64.0m thru 73.2m Luffing Jib**



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*																			13.7
14.0	74.1	77.1	40 600*																			14.0
16.0	70.8	76.5	39 500*																			16.0
18.0	67.4	75.7	38 200*	69.8	76.1	38 500																18.0
20.0	64.0	74.8	35 800	66.4	75.3	34 600	69.9	75.9	32 900													20.0
22.0	60.4	73.7	32 400	62.9	74.3	31 300	66.5	75.1	29 700													22.0
24.0	56.7	72.4	29 600	59.3	73.2	28 500	63.0	74.1	27 000													24.0
26.0	52.8	71.0	26 800*	55.5	71.9	26 200	59.4	73.0	24 800	63.1	73.8	23 400										26.0
28.0	48.8	69.3	24 200*	51.6	70.4	24 100	55.6	71.7	22 800	59.5	72.7	21 500										28.0
30.0	44.4	67.4	21 800*	47.4	68.6	22 300	51.7	70.2	21 100	55.7	71.4	19 900										30.0
32.0	39.7	65.1	19 900*	43.0	66.6	20 800	47.6	68.5	19 500	51.8	69.9	18 400	58.3	71.5	16 600							32.0
34.0	34.4	62.4	18 200*	38.1	64.2	19 400	43.1	66.4	18 200	47.7	68.2	17 100	54.5	70.1	15 400							34.0
36.0	28.2	59.0	16 800*	32.6	61.3	18 100	38.3	64.1	17 000	43.2	66.2	16 000	50.5	68.6	14 300							36.0
38.0	20.5	54.5	15 900*	26.1	57.7	16 900	32.8	61.2	15 900	38.4	63.8	15 000	46.3	66.7	13 300	53.1	68.5	11 800				38.0
40.0				17.4	52.5	15 600	26.3	57.6	14 800	32.9	60.9	13 900	41.7	64.6	12 500	49.0	66.8	11 000				40.0
42.0							17.7	52.5	13 800	26.5	57.3	12 900	36.7	62.1	11 600	44.7	64.9	10 200				42.0
44.0										17.9	52.3	12 000	31.0	59.1	10 700	40.0	62.7	9 500	47.3	64.7	8 300	44.0
46.0													24.1	55.1	10 000	34.7	60.0	8 800	42.8	62.7	7 600	46.0
48.0													14.2	49.2	9 400	28.7	56.7	8 200	37.9	60.3	7 000	48.0
50.0																21.0	52.2	7 600	32.4	57.3	6 500	50.0
52.0																			25.8	53.7	6 100	52.0
54.0																			16.9	48.4	5 600	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**

**Maximum Operating Wind Speeds
(all boom lengths)**

**10 m/s with 21.3m thru 33.5m Luffing Jib
7 m/s with 36.6m thru 61.0m Luffing Jib
5 m/s with 64.0m thru 73.2m Luffing Jib**

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.	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	75.8	80.4	37 800*																			13.7
14.0	75.3	80.3	37 600*																			14.0
16.0	72.3	79.7	36 200*																			16.0
18.0	69.2	79.0	35 100*	71.4	79.4	37 800																18.0
20.0	66.1	78.1	34 400	68.3	78.6	33 900																20.0
22.0	62.9	77.2	31 900	65.1	77.7	30 700	68.4	78.4	29 100													22.0
24.0	59.6	76.0	28 900	61.9	76.7	28 000	65.2	77.5	26 500													24.0
26.0	56.1	74.7	26 300*	58.5	75.6	25 600	62.0	76.5	24 300	65.3	77.2	22 900										26.0
28.0	52.5	73.3	23 800*	55.0	74.2	23 600	58.6	75.4	22 300	62.0	76.2	21 000										28.0
30.0	48.8	71.6	21 600*	51.4	72.7	21 800	55.1	74.0	20 600	58.7	75.0	19 400										30.0
32.0	44.8	69.7	19 600*	47.6	70.9	20 300	51.5	72.5	19 100	55.2	73.7	18 000	61.0	75.0	16 100							32.0
34.0	40.5	67.5	17 900*	43.5	68.9	18 900	47.7	70.8	17 800	51.6	72.2	16 700	57.6	73.8	15 000							34.0
36.0	35.7	64.9	16 500*	39.0	66.6	17 700	43.6	68.8	16 600	47.8	70.5	15 500	54.1	72.4	13 900							36.0
38.0	30.3	61.7	15 300*	34.1	63.9	16 600	39.2	66.5	15 500	43.7	68.5	14 500	50.4	70.9	12 900							38.0
40.0	23.8	57.7	14 400*	28.4	60.5	15 500	34.3	63.7	14 600	39.3	66.2	13 600	46.5	69.1	12 000	52.8	70.8	10 600				40.0
42.0	14.8	51.8	13 500*	21.4	56.1	14 400	28.6	60.4	13 600	34.4	63.4	12 700	42.3	67.0	11 300	49.0	69.1	9 900				42.0
44.0				10.5	48.8	13 200	21.7	56.0	12 600	28.8	60.1	11 800	37.8	64.5	10 500	45.0	67.2	9 200				44.0
46.0										21.9	55.8	11 000	32.7	61.7	9 700	40.7	65.0	8 500	47.4	67.0	7 400	46.0
48.0													26.8	58.1	9 100	36.0	62.5	7 900	43.3	65.0	6 800	48.0
50.0													19.2	53.2	8 500	30.7	59.4	7 300	38.8	62.7	6 300	50.0
52.0																24.3	55.4	6 800	33.9	59.9	5 800	52.0
54.0																15.5	49.7	6 400	28.2	56.5	5 400	54.0
56.0																			21.1	52.0	5 000	56.0



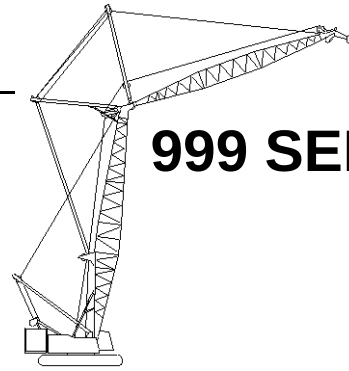
Liftcrane Luffing Jib Capacities

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**

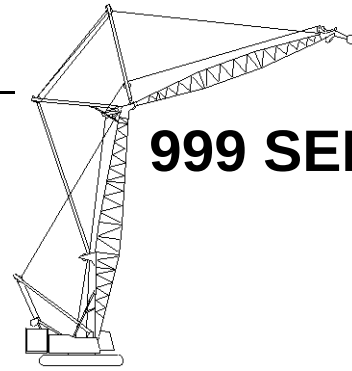
**Maximum Operating Wind Speeds
(all boom lengths)**

**10 m/s with 21.3m thru 33.5m Luffing Jib
7 m/s with 36.6m thru 61.0m Luffing Jib
5 m/s with 64.0m thru 73.2m Luffing Jib**



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	33 100																20.0
22.0	65.0	80.6	30 400*	67.0	81.1	30 000	70.0	81.7	28 400													22.0
24.0	62.0	79.5	28 300*	64.0	80.2	27 300	67.1	80.9	25 800													24.0
26.0	58.9	78.4	25 700*	61.0	79.1	25 000	64.1	80.0	23 600	67.2	80.6	22 300										26.0
28.0	55.6	77.1	23 500*	57.9	77.9	23 000	61.1	78.9	21 700	64.2	79.6	20 500										28.0
30.0	52.3	75.6	21 400*	54.6	76.5	21 200	58.0	77.7	20 000	61.2	78.6	18 800										30.0
32.0	48.8	73.9	19 500*	51.2	75.0	19 700	54.7	76.3	18 500	58.0	77.4	17 400										32.0
34.0	45.1	72.0	17 800*	47.7	73.2	18 400	51.3	74.8	17 200	54.8	76.0	16 100	60.2	77.4	14 400							34.0
36.0	41.1	69.8	16 300*	43.9	71.3	17 100	47.8	73.1	16 100	51.4	74.5	15 000	57.0	76.2	13 300							36.0
38.0	36.8	67.3	15 100*	39.8	69.0	16 000	44.0	71.1	15 000	47.9	72.8	14 000	53.7	74.8	12 400							38.0
40.0	32.0	64.3	14 000*	35.4	66.3	15 100	39.9	68.8	14 100	44.1	70.8	13 100	50.3	73.2	11 500	55.9	74.6	10 100				40.0
42.0	26.4	60.7	13 100*	30.3	63.2	14 100	35.5	66.2	13 200	40.0	68.5	12 300	46.7	71.4	10 800	52.5	73.1	9 400				42.0
44.0	19.3	55.8	12 500*	24.4	59.2	13 100	30.5	63.0	12 300	35.6	65.9	11 500	42.8	69.3	10 100	49.0	71.4	8 700				44.0
46.0				16.5	53.7	12 300	24.6	59.1	11 500	30.6	62.8	10 700	38.7	66.9	9 400	45.3	69.6	8 100	51.1	71.1	6 900	46.0
48.0							16.8	53.7	10 800	24.7	58.9	10 000	34.1	64.2	8 700	41.4	67.4	7 600	47.5	69.3	6 400	48.0
50.0										17.0	53.5	9 300	28.9	60.8	8 200	37.1	64.9	7 000	43.7	67.3	5 900	50.0
52.0													22.6	56.6	7 600	32.3	62.0	6 500	39.6	65.0	5 400	52.0
54.0													13.7	50.3	7 100	26.8	58.3	6 000	35.2	62.4	5 000	54.0
56.0																19.8	53.6	5 600	30.1	59.2	4 600	56.0
58.0																			24.1	55.2	4 200	58.0
60.0																			16.1	49.6	3 900	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**

**Maximum Operating Wind Speeds
(all boom lengths)**

**10 m/s with 21.3m thru 33.5m Luffing Jib
7 m/s with 36.6m thru 61.0m Luffing Jib
5 m/s with 64.0m thru 73.2m Luffing Jib**

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.	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	
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	32 900																20.0
22.0	66.8	83.9	28 600*	68.6	84.4	29 800																22.0
24.0	64.0	83.0	27 200*	65.9	83.5	27 100	68.7	84.2	25 700													24.0
26.0	61.1	81.9	25 100*	63.1	82.6	24 800	66.0	83.3	23 500													26.0
28.0	58.2	80.7	23 000*	60.3	81.5	22 900	63.2	82.4	21 600	66.0	83.0	20 300										28.0
30.0	55.2	79.4	21 000*	57.3	80.2	21 200	60.3	81.3	19 900	63.3	82.0	18 800										30.0
32.0	52.1	77.9	19 300*	54.3	78.8	19 600	57.4	80.0	18 500	60.4	80.9	17 300										32.0
34.0	48.8	76.2	17 700*	51.1	77.3	18 300	54.4	78.7	17 200	57.5	79.7	16 100	62.4	80.9	14 400							34.0
36.0	45.4	74.3	16 200*	47.8	75.5	17 000	51.2	77.1	16 000	54.4	78.3	15 000	59.5	79.8	13 300							36.0
38.0	41.7	72.2	14 900*	44.2	73.6	16 000	47.9	75.4	14 900	51.3	76.8	14 000	56.5	78.5	12 400							38.0
40.0	37.7	69.7	13 800*	40.5	71.4	15 000	44.4	73.4	14 000	47.9	75.1	13 000	53.4	77.1	11 500							40.0
42.0	33.3	66.9	12 800*	36.4	68.8	14 100	40.6	71.2	13 200	44.4	73.1	12 200	50.2	75.5	10 700	55.4	76.9	9 400				42.0
44.0	28.4	63.5	12 000*	31.9	65.8	13 200	36.5	68.6	12 400	40.7	70.9	11 500	46.8	73.7	10 000	52.3	75.4	8 700				44.0
46.0	22.4	59.2	11 400*	26.7	62.1	12 400	32.0	65.6	11 600	36.6	68.4	10 800	43.3	71.6	9 400	49.0	73.7	8 100				46.0
48.0	14.3	52.9	10 800*	20.3	57.4	11 600	26.9	62.0	10 800	32.1	65.4	10 100	39.4	69.3	8 800	45.6	71.9	7 600	51.0	73.4	6 400	48.0
50.0				10.5	49.9	10 500	20.5	57.4	10 100	27.0	61.8	9 400	35.3	66.7	8 200	41.9	69.7	7 100	47.6	71.6	5 900	50.0
52.0										20.7	57.1	8 800	30.6	63.5	7 700	38.0	67.3	6 600	44.1	69.6	5 500	52.0
54.0													25.1	59.6	7 200	33.6	64.5	6 100	40.3	67.4	5 100	54.0
56.0													18.2	54.5	6 700	28.7	61.1	5 700	36.2	64.8	4 700	56.0
58.0																22.9	56.9	5 300	31.7	61.8	4 300	58.0
60.0																14.9	50.9	4 900	26.5	58.1	4 000	60.0
62.0																			20.0	53.3	3 600	62.0
64.0																			9.9	45.6	3 400	64.0



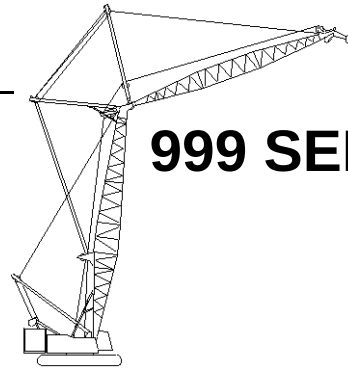
Liftcrane Luffing Jib Capacities

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**

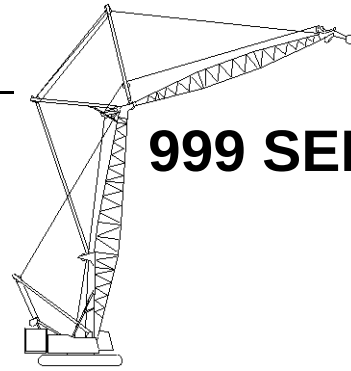
**Maximum Operating Wind Speeds
(all boom lengths)**

**10 m/s with 21.3m thru 33.5m Luffing Jib
7 m/s with 36.6m thru 61.0m Luffing Jib
5 m/s with 64.0m thru 73.2m Luffing Jib**



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	32 100																20.0
22.0	68.3	87.2	26 200*	70.0	87.7	29 100																22.0
24.0	65.7	86.4	25 600*	67.5	86.9	26 500																24.0
26.0	63.1	85.4	24 300*	64.9	86.0	24 300	67.6	86.7	22 900													26.0
28.0	60.4	84.3	22 400*	62.3	85.0	22 300	65.0	85.8	21 000													28.0
30.0	57.7	83.1	20 600*	59.6	83.8	20 600	62.4	84.8	19 400	65.1	85.4	18 200										30.0
32.0	54.8	81.7	18 900*	56.8	82.6	19 100	59.7	83.6	18 000	62.4	84.4	16 800										32.0
34.0	51.9	80.2	17 400*	53.9	81.2	17 800	56.9	82.4	16 700	59.7	83.3	15 600										34.0
36.0	48.8	78.5	16 100*	51.0	79.6	16 600	54.0	81.0	15 500	57.0	82.1	14 500	61.6	83.3	12 800							36.0
38.0	45.6	76.6	14 800*	47.8	77.8	15 500	51.0	79.4	14 500	54.1	80.7	13 500	58.9	82.1	11 900							38.0
40.0	42.2	74.5	13 700*	44.6	75.9	14 500	47.9	77.7	13 500	51.1	79.1	12 600	56.1	80.8	11 000							40.0
42.0	38.5	72.1	12 700*	41.1	73.7	13 600	44.7	75.7	12 700	48.0	77.4	11 800	53.2	79.4	10 300							42.0
44.0	34.5	69.4	11 800*	37.3	71.2	12 800	41.2	73.5	11 900	44.7	75.4	11 000	50.1	77.8	9 600	55.0	79.2	8 300				44.0
46.0	30.1	66.1	11 100*	33.2	68.3	12 000	37.4	71.1	11 200	41.3	73.3	10 300	47.0	76.0	9 000	52.1	77.7	7 700				46.0
48.0	24.9	62.2	10 500*	28.5	64.9	11 300	33.3	68.2	10 500	37.5	70.8	9 700	43.7	74.0	8 400	49.0	76.0	7 100				48.0
50.0	18.4	57.1	10 100*	23.1	60.7	10 600	28.7	64.8	9 900	33.4	67.9	9 100	40.1	71.7	7 800	45.8	74.2	6 600	50.8	75.7	5 500	50.0
52.0				15.8	54.9	9 900	23.2	60.6	9 200	28.8	64.5	8 500	36.3	69.1	7 300	42.4	72.1	6 200	47.7	73.9	5 000	52.0
54.0							16.1	54.9	8 700	23.4	60.4	8 000	32.0	66.1	6 900	38.8	69.7	5 800	44.4	72.0	4 700	54.0
56.0										16.3	54.7	7 500	27.2	62.5	6 400	34.8	67.0	5 300	40.9	69.8	4 300	56.0
58.0													21.4	58.0	6 000	30.4	63.8	4 900	37.2	67.2	4 000	58.0
60.0													13.3	51.4	5 600	25.2	59.9	4 600	33.0	64.3	3 600	60.0
62.0																18.9	54.9	4 200	28.3	60.9	3 300	62.0
64.0																8.6	46.4	3 900	22.8	56.6	3 000	64.0
66.0																			15.5	50.7	2 800	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**

**Maximum Operating Wind Speeds
(all boom lengths)**

**10 m/s with 21.3m thru 33.5m Luffing Jib
7 m/s with 36.6m thru 61.0m Luffing Jib
5 m/s with 64.0m thru 73.2m Luffing Jib**

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.	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	
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	28 700																22.0
24.0	67.2	89.7	23 800*	68.9	90.2	26 000																24.0
26.0	64.8	88.8	23 200*	66.5	89.3	23 800	69.0	90.0	22 400													26.0
28.0	62.3	87.8	21 700*	64.1	88.4	21 900	66.6	89.1	20 600													28.0
30.0	59.8	86.6	20 100*	61.6	87.3	20 200	64.1	88.2	18 900	66.6	88.8	17 800										30.0
32.0	57.2	85.4	18 600*	59.0	86.2	18 700	61.6	87.1	17 500	64.2	87.9	16 400										32.0
34.0	54.5	84.0	17 100*	56.4	84.9	17 300	59.1	86.0	16 300	61.7	86.8	15 100										34.0
36.0	51.7	82.5	15 900*	53.7	83.5	16 100	56.4	84.7	15 100	59.1	85.7	14 100										36.0
38.0	48.8	80.8	14 700*	50.8	81.9	15 100	53.7	83.3	14 100	56.5	84.4	13 100	60.9	85.7	11 500							38.0
40.0	45.8	78.9	13 600*	47.9	80.1	14 100	50.9	81.7	13 100	53.8	83.0	12 200	58.3	84.5	10 600							40.0
42.0	42.6	76.8	12 600*	44.8	78.2	13 200	48.0	80.0	12 300	51.0	81.4	11 400	55.7	83.1	9 900							42.0
44.0	39.2	74.5	11 700*	41.6	76.1	12 400	44.9	78.0	11 500	48.1	79.7	10 600	52.9	81.7	9 200							44.0
46.0	35.5	71.8	11 000*	38.1	73.6	11 700	41.7	75.9	10 800	45.0	77.7	10 000	50.1	80.1	8 600	54.7	81.5	7 300				46.0
48.0	31.5	68.8	10 300*	34.3	70.8	11 000	38.2	73.5	10 200	41.7	75.6	9 300	47.1	78.3	8 000	51.9	80.0	6 700				48.0
50.0	26.8	65.1	9 700*	30.1	67.6	10 400	34.4	70.7	9 600	38.3	73.2	8 800	44.0	76.3	7 500	49.0	78.3	6 300				50.0
52.0	21.3	60.5	9 300*	25.3	63.7	9 700	30.2	67.5	9 000	34.5	70.4	8 200	40.7	74.1	7 000	46.0	76.5	5 800	50.7	78.0	4 700	52.0
54.0	13.8	54.1	8 700*	19.3	58.7	9 100	25.4	63.6	8 400	30.3	67.2	7 700	37.1	71.5	6 600	42.8	74.4	5 400	47.8	76.2	4 300	54.0
56.0				10.5	51.0	8 200	19.5	58.7	7 900	25.5	63.4	7 200	33.2	68.6	6 100	39.4	72.1	5 000	44.7	74.3	4 000	56.0
58.0										19.7	58.5	6 700	28.9	65.3	5 700	35.8	69.4	4 700	41.4	72.1	3 600	58.0
60.0													23.8	61.2	5 300	31.7	66.4	4 300	37.9	69.7	3 300	60.0
62.0													17.4	55.7	4 900	27.2	62.8	4 000	34.1	66.9	3 000	62.0
64.0													6.2	45.8	4 600	21.7	58.3	3 700	29.9	63.6	2 800	64.0
66.0																14.4	52.0	3 400	25.1	59.7	2 500	66.0
68.0																			19.0	54.6	2 200	68.0
70.0																			9.9	46.6	2 000	70.0



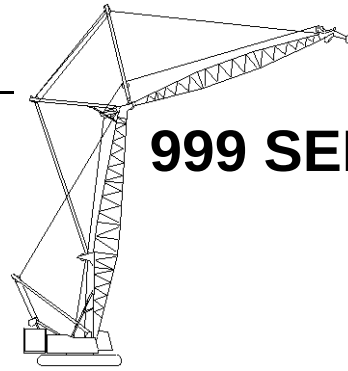
Liftcrane Luffing Jib Capacities

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**

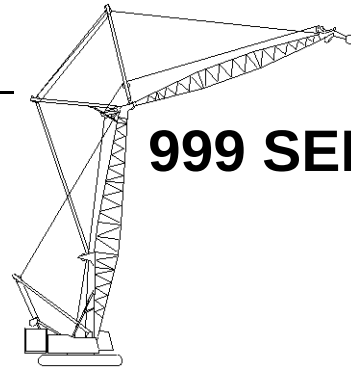
**Maximum Operating Wind Speeds
(all boom lengths)**

**10 m/s with 21.3m thru 33.5m Luffing Jib
7 m/s with 36.6m thru 61.0m Luffing Jib
5 m/s with 64.0m thru 73.2m Luffing Jib**



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.	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	
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	25 400																24.0
26.0	66.3	92.1	21 500*	67.9	92.6	23 200	70.2	93.2	21 800													26.0
28.0	64.0	91.2	20 800*	65.6	91.8	21 300	67.9	92.4	20 000													28.0
30.0	61.6	90.2	19 700*	63.3	90.8	19 600	65.7	91.6	18 400													30.0
32.0	59.2	89.0	18 200*	60.9	89.7	18 200	63.3	90.6	17 000	65.7	91.2	15 900										32.0
34.0	56.8	87.7	16 900*	58.5	88.5	16 900	61.0	89.5	15 800	63.4	90.3	14 700										34.0
36.0	54.2	86.3	15 700*	56.0	87.2	15 700	58.5	88.3	14 600	61.0	89.2	13 600										36.0
38.0	51.6	84.8	14 600*	53.4	85.8	14 600	56.1	87.0	13 600	58.6	88.0	12 600										38.0
40.0	48.8	83.1	13 500*	50.7	84.2	13 700	53.5	85.6	12 700	56.1	86.7	11 700	60.3	88.0	10 200							40.0
42.0	46.0	81.2	12 600*	48.0	82.5	12 800	50.8	84.0	11 800	53.5	85.3	10 900	57.8	86.8	9 400							42.0
44.0	43.0	79.2	11 700*	45.1	80.5	12 000	48.1	82.3	11 000	50.9	83.7	10 200	55.3	85.5	8 800							44.0
46.0	39.8	76.9	10 900*	42.0	78.4	11 200	45.2	80.4	10 400	48.1	82.0	9 500	52.7	84.0	8 100	56.9	85.2	6 800				46.0
48.0	36.4	74.3	10 200*	38.8	76.0	10 600	42.1	78.2	9 700	45.2	80.1	8 900	50.0	82.4	7 600	54.4	83.8	6 300				48.0
50.0	32.6	71.3	9 600*	35.3	73.3	10 000	38.9	75.8	9 100	42.2	77.9	8 300	47.2	80.6	7 000	51.7	82.3	5 800				50.0
52.0	28.5	67.9	9 100*	31.4	70.2	9 400	35.4	73.2	8 600	38.9	75.6	7 800	44.3	78.6	6 600	49.0	80.6	5 400				52.0
54.0	23.7	63.7	8 700*	27.1	66.6	8 800	31.5	70.1	8 100	35.5	72.9	7 300	41.2	76.4	6 100	46.2	78.8	5 000	50.6	80.3	3 900	54.0
56.0	17.6	58.3	8 200*	22.0	62.1	8 300	27.2	66.5	7 600	31.6	69.8	6 900	37.9	73.9	5 700	43.2	76.7	4 600	47.9	78.5	3 500	56.0
58.0				15.3	56.0	7 800	22.1	62.0	7 100	27.3	66.2	6 500	34.3	71.2	5 300	40.0	74.5	4 200	44.9	76.6	3 200	58.0
60.0							15.5	56.0	6 700	22.3	61.8	6 000	30.3	67.9	5 000	36.6	71.9	3 900	41.9	74.4	2 900	60.0
62.0										15.7	55.9	5 600	25.8	64.1	4 600	32.9	69.0	3 600	38.6	72.0	2 600	62.0
64.0													20.4	59.3	4 300	28.8	65.5	3 300	35.1	69.3	2 300	64.0
66.0													12.9	52.5	4 000	24.0	61.4	3 100	31.2	66.2	2 100	66.0
68.0																18.1	56.1	2 800	26.9	62.6	1 900	68.0
70.0																8.8	47.5	2 500				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**

**Maximum Operating Wind Speeds
(all boom lengths)**

**10 m/s with 21.3m thru 33.5m Luffing Jib
7 m/s with 36.6m thru 61.0m Luffing Jib
5 m/s with 64.0m thru 73.2m Luffing Jib**

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.	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	
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	22 800																26.0
28.0	65.5	94.6	19 400*	67.0	95.1	20 900	69.2	95.7	19 700													28.0
30.0	63.3	93.6	18 900*	64.8	94.2	19 300	67.0	94.9	18 100													30.0
32.0	61.0	92.5	17 700*	62.6	93.2	17 800	64.9	94.0	16 700	67.1	94.6	15 600										32.0
34.0	58.7	91.3	16 500*	60.3	92.1	16 500	62.6	93.0	15 400	64.9	93.7	14 400										34.0
36.0	56.4	90.1	15 400*	58.0	90.9	15 400	60.4	91.9	14 300	62.7	92.7	13 300										36.0
38.0	53.9	88.6	14 300*	55.6	89.5	14 300	58.1	90.7	13 300	60.4	91.6	12 300										38.0
40.0	51.4	87.1	13 400*	53.2	88.1	13 300	55.7	89.3	12 400	58.1	90.4	11 400	62.0	91.5	9 900							40.0
42.0	48.8	85.4	12 400*	50.6	86.5	12 500	53.2	87.9	11 500	55.7	89.0	10 600	59.7	90.4	9 200							42.0
44.0	46.1	83.5	11 600*	48.0	84.8	11 700	50.7	86.3	10 800	53.3	87.6	9 900	57.4	89.1	8 500							44.0
46.0	43.3	81.5	10 900*	45.3	82.8	11 000	48.1	84.6	10 100	50.8	86.0	9 200	55.0	87.8	7 900							46.0
48.0	40.3	79.2	10 100*	42.4	80.7	10 300	45.4	82.7	9 500	48.2	84.3	8 600	52.5	86.3	7 300	56.5	87.6	6 100				48.0
50.0	37.1	76.7	9 500*	39.4	78.4	9 700	42.5	80.6	8 900	45.4	82.4	8 100	50.0	84.7	6 800	54.1	86.2	5 600				50.0
52.0	33.7	73.9	9 000*	36.1	75.8	9 100	39.5	78.2	8 300	42.6	80.3	7 600	47.3	82.9	6 300	51.6	84.6	5 100				52.0
54.0	29.9	70.6	8 500*	32.5	72.8	8 600	36.2	75.6	7 800	39.5	77.9	7 100	44.5	80.9	5 900	49.0	82.9	4 700				54.0
56.0	25.6	66.7	8 100*	28.6	69.4	8 100	32.7	72.7	7 300	36.3	75.3	6 600	41.6	78.7	5 500	46.3	81.1	4 300	50.5	82.6	3 300	56.0
58.0	20.4	61.9	7 800*	24.1	65.2	7 600	28.7	69.2	6 900	32.7	72.4	6 200	38.5	76.3	5 100	43.5	79.1	4 000	47.9	80.8	3 000	58.0
60.0	13.5	55.2	6 600*	18.6	60.0	7 100	24.2	65.2	6 500	28.8	69.0	5 800	35.2	73.6	4 700	40.5	76.8	3 700	45.2	78.9	2 600	60.0
62.0				10.4	52.1	6 300	18.7	60.0	6 100	24.4	64.9	5 500	31.5	70.5	4 400	37.3	74.3	3 300	42.3	76.8	2 400	62.0
64.0							10.8	52.2	5 700	18.9	59.8	5 100	27.5	67.0	4 100	33.9	71.5	3 100	39.2	74.4	2 100	64.0
66.0													22.8	62.6	3 800	30.1	68.2	2 800	36.0	71.8	1 800	66.0
68.0													16.8	56.9	3 500	25.9	64.4	2 600				68.0
70.0													6.7	47.0	3 300	20.8	59.7	2 400				70.0
72.0																14.0	53.1	2 100				72.0



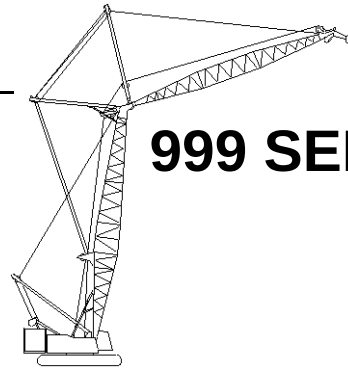
Liftcrane Luffing Jib Capacities

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**

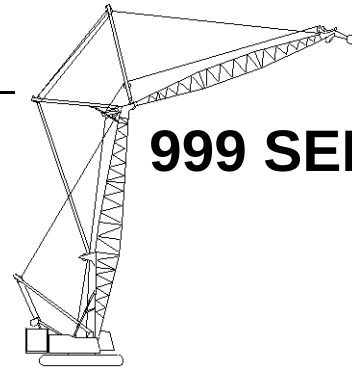
**Maximum Operating Wind Speeds
(all boom lengths)**

**10 m/s with 21.3m thru 33.5m Luffing Jib
7 m/s with 36.6m thru 61.0m Luffing Jib
5 m/s with 64.0m thru 73.2m Luffing Jib**



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.	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	
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	20 900	70.3	99.0	19 500													28.0
30.0	64.7	97.0	17 600*	66.1	97.6	19 100	68.2	98.2	17 900													30.0
32.0	62.6	96.0	17 100*	64.1	96.6	17 700	66.2	97.3	16 500													32.0
34.0	60.4	94.9	16 000*	61.9	95.6	16 400	64.1	96.4	15 300	66.2	97.0	14 200										34.0
36.0	58.3	93.7	15 000*	59.8	94.4	15 200	62.0	95.4	14 200	64.2	96.1	13 100										36.0
38.0	56.0	92.4	14 000*	57.6	93.2	14 200	59.8	94.2	13 200	62.0	95.1	12 200										38.0
40.0	53.7	91.0	13 100*	55.3	91.9	13 200	57.6	93.0	12 300	59.9	93.9	11 300										40.0
42.0	51.3	89.4	12 300*	53.0	90.4	12 300	55.4	91.7	11 400	57.7	92.7	10 500	61.4	93.9	9 000							42.0
44.0	48.9	87.7	11 500*	50.6	88.8	11 500	53.0	90.2	10 700	55.4	91.4	9 800	59.2	92.7	8 400							44.0
46.0	46.3	85.9	10 700*	48.1	87.1	10 800	50.6	88.6	10 000	53.1	89.9	9 100	57.0	91.5	7 800							46.0
48.0	43.6	83.8	10 000*	45.5	85.1	10 200	48.1	86.9	9 300	50.7	88.3	8 500	54.7	90.1	7 200							48.0
50.0	40.8	81.6	9 400*	42.8	83.1	9 600	45.6	85.0	8 700	48.2	86.6	7 900	52.3	88.6	6 700	56.2	89.9	5 400				50.0
52.0	37.8	79.1	8 900*	39.9	80.8	9 000	42.8	82.9	8 200	45.6	84.7	7 400	49.9	87.0	6 200	53.8	88.5	5 000				52.0
54.0	34.6	76.3	8 400*	36.8	78.2	8 500	40.0	80.6	7 700	42.9	82.6	6 900	47.4	85.2	5 700	51.5	86.9	4 600				54.0
56.0	31.1	73.2	7 900*	33.5	75.3	8 000	36.9	78.0	7 200	40.0	80.3	6 500	44.8	83.2	5 300	49.0	85.2	4 200				56.0
58.0	27.2	69.6	7 600*	29.9	72.0	7 500	33.6	75.2	6 800	37.0	77.8	6 100	42.0	81.1	4 900	46.5	83.4	3 800	50.5	84.9	2 800	58.0
60.0	22.7	65.2	7 200*	25.9	68.2	7 100	30.0	71.9	6 400	33.7	74.9	5 700	39.1	78.7	4 600	43.8	81.4	3 500	48.0	83.1	2 500	60.0
62.0	17.0	59.5	6 500*	21.1	63.5	6 600	26.0	68.1	6 000	30.1	71.6	5 300	36.0	76.1	4 200	41.0	79.2	3 200	45.4	81.2	2 200	62.0
64.0	8.1	50.3	5 100*	14.8	57.2	6 200	21.2	63.4	5 600	26.1	67.8	5 000	32.6	73.1	3 900	38.0	76.7	2 900	42.6	79.1	1 900	64.0
66.0							15.1	57.2	5 300	21.3	63.2	4 700	28.9	69.7	3 600	34.8	74.0	2 600				66.0
68.0										15.2	57.0	4 300	24.7	65.7	3 400	31.3	70.8	2 400				68.0
70.0													19.6	60.7	3 100	27.4	67.2	2 100				70.0
72.0													12.7	53.6	2 900	23.0	62.9	2 000				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**

**Maximum Operating Wind Speeds
(all boom lengths)**

**10 m/s with 21.3m thru 33.5m Luffing Jib
7 m/s with 36.6m thru 61.0m Luffing Jib
5 m/s with 64.0m thru 73.2m Luffing Jib**

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.	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	
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	18 700	69.3	101.5	17 500										30.0
32.0	64.0	99.4	16 000*	65.4	100.0	17 300	67.4	100.7	16 100										32.0
34.0	62.0	98.4	15 600*	63.4	99.0	16 000	65.4	99.8	14 900	67.4	100.3	13 800							34.0
36.0	59.9	97.3	14 600*	61.4	98.0	14 800	63.4	98.8	13 800	65.5	99.5	12 800							36.0
38.0	57.8	96.0	13 700*	59.3	96.8	13 800	61.4	97.8	12 800	63.5	98.5	11 800							38.0
40.0	55.7	94.7	12 800*	57.2	95.5	12 800	59.4	96.6	11 900	61.5	97.4	11 000							40.0
42.0	53.5	93.3	12 000*	55.0	94.2	12 000	57.2	95.3	11 000	59.4	96.3	10 100							42.0
44.0	51.2	91.7	11 300*	52.8	92.7	11 200	55.1	94.0	10 300	57.3	95.0	9 400	60.8	96.3	8 000				44.0
46.0	48.9	90.0	10 600*	50.5	91.1	10 500	52.9	92.5	9 600	55.1	93.7	8 800	58.7	95.1	7 400				46.0
48.0	46.4	88.2	10 000*	48.1	89.4	9 800	50.6	90.9	9 000	52.9	92.2	8 200	56.6	93.8	6 800				48.0
50.0	43.9	86.1	9 400*	45.6	87.5	9 200	48.2	89.2	8 400	50.6	90.6	7 600	54.4	92.4	6 300				50.0
52.0	41.2	83.9	8 800*	43.1	85.4	8 700	45.7	87.3	7 800	48.2	88.9	7 100	52.2	90.9	5 800	55.8	92.2	4 700	52.0
54.0	38.4	81.5	8 300*	40.4	83.1	8 100	43.2	85.2	7 400	45.8	87.0	6 600	49.9	89.3	5 400	53.6	90.8	4 300	54.0
56.0	35.4	78.8	7 800*	37.5	80.6	7 600	40.4	83.0	6 900	43.2	84.9	6 200	47.5	87.5	5 000	51.4	89.2	3 900	56.0
58.0	32.1	75.8	7 500*	34.4	77.8	7 100	37.6	80.5	6 400	40.5	82.7	5 700	45.0	85.5	4 600	49.0	87.5	3 500	58.0
60.0	28.6	72.3	7 100*	31.1	74.7	6 700	34.5	77.7	6 100	37.6	80.2	5 300	42.4	83.4	4 200	46.6	85.7	3 200	60.0
62.0	24.5	68.2	6 800*	27.4	71.0	6 400	31.2	74.5	5 700	34.6	77.4	5 000	39.6	81.1	3 900	44.0	83.7	2 900	62.0
64.0	19.7	63.2	6 100*	23.1	66.7	6 000	27.5	70.9	5 300	31.3	74.3	4 700	36.7	78.5	3 600	41.4	81.5	2 600	64.0
66.0	13.2	56.3	5 000*	17.9	61.3	5 600	23.2	66.6	5 000	27.6	70.7	4 300	33.6	75.6	3 300	38.6	79.1	2 300	66.0
68.0				10.4	53.1	4 900	18.1	61.2	4 700	23.4	66.4	4 100	30.1	72.4	3 000	35.6	76.4	2 100	68.0
70.0							10.7	53.2	4 400	18.2	61.0	3 800	26.3	68.6	2 800	32.4	73.4	1 800	70.0
72.0													21.8	64.0	2 500				72.0
74.0													16.3	58.1	2 300				74.0
76.0													7.2	48.2	2 100				76.0



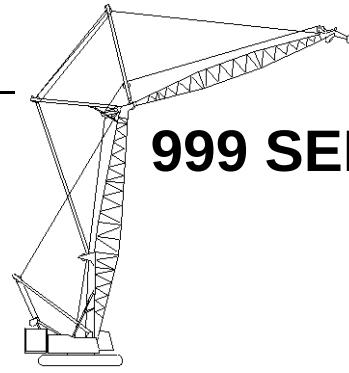
Liftcrane Luffing Jib Capacities

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**

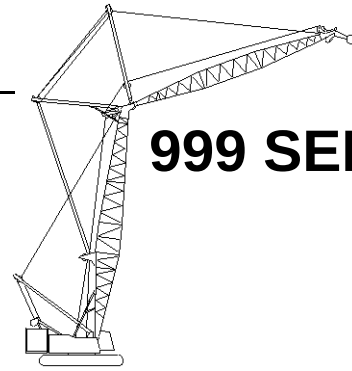
**Maximum Operating Wind Speeds
(all boom lengths)**

**10 m/s with 21.3m thru 33.5m Luffing Jib
7 m/s with 36.6m thru 61.0m Luffing Jib
5 m/s with 64.0m thru 73.2m Luffing Jib**



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	16 800	68.5	104.0	15 600										32.0
34.0	63.4	101.8	14 500*	64.7	102.4	15 500	66.6	103.1	14 400										34.0
36.0	61.4	100.8	14 100*	62.8	101.4	14 400	64.7	102.2	13 300	66.7	102.8	12 300							36.0
38.0	59.5	99.6	13 300*	60.8	100.3	13 400	62.8	101.2	12 300	64.8	101.9	11 300							38.0
40.0	57.5	98.4	12 500*	58.8	99.1	12 400	60.9	100.1	11 400	62.9	100.9	10 500							40.0
42.0	55.4	97.0	11 800*	56.8	97.9	11 600	58.9	98.9	10 600	60.9	99.8	9 700							42.0
44.0	53.3	95.6	11 000*	54.7	96.5	10 800	56.9	97.7	9 900	59.0	98.6	9 000							44.0
46.0	51.1	94.0	10 400*	52.6	95.0	10 100	54.8	96.3	9 200	56.9	97.4	8 300	60.3	98.6	7 000				46.0
48.0	48.9	92.3	9 800*	50.4	93.4	9 400	52.7	94.8	8 600	54.9	96.0	7 800	58.3	97.4	6 400				48.0
50.0	46.5	90.5	9 200*	48.2	91.7	8 800	50.5	93.2	8 000	52.7	94.5	7 200	56.3	96.1	5 900				50.0
52.0	44.1	88.5	8 700*	45.8	89.8	8 200	48.2	91.5	7 500	50.5	92.9	6 700	54.2	94.7	5 400	57.6	95.9	4 200	52.0
54.0	41.6	86.3	8 200*	43.4	87.7	7 700	45.9	89.6	7 000	48.3	91.2	6 200	52.0	93.2	5 000	55.5	94.5	3 800	54.0
56.0	38.9	83.9	7 800	40.8	85.5	7 300	43.4	87.5	6 500	45.9	89.3	5 800	49.8	91.6	4 600	53.4	93.1	3 500	56.0
58.0	36.1	81.3	7 300	38.1	83.0	6 800	40.9	85.3	6 100	43.5	87.3	5 300	47.5	89.8	4 200	51.2	91.5	3 100	58.0
60.0	33.1	78.3	6 900	35.2	80.3	6 400	38.2	82.9	5 600	40.9	85.0	5 000	45.2	87.9	3 800	49.0	89.8	2 800	60.0
62.0	29.8	75.0	6 400	32.1	77.2	6 000	35.3	80.1	5 300	38.2	82.6	4 600	42.7	85.8	3 500	46.7	88.0	2 500	62.0
64.0	26.1	71.2	6 100	28.7	73.8	5 600	32.2	77.1	4 900	35.4	79.9	4 300	40.1	83.5	3 200	44.3	86.0	2 200	64.0
66.0	21.8	66.6	5 600	24.8	69.8	5 300	28.8	73.7	4 600	32.3	76.8	4 000	37.3	80.9	2 900	41.8	83.9	1 900	66.0
68.0	16.5	60.7	4 700*	20.3	64.9	5 000	24.9	69.7	4 300	28.9	73.4	3 700	34.4	78.1	2 600				68.0
70.0	8.3	51.4	3 600*	14.5	58.3	4 600	20.5	64.8	4 000	25.0	69.4	3 400	31.2	75.0	2 400				70.0
72.0							14.7	58.3	3 800	20.6	64.6	3 100	27.7	71.4	2 100				72.0
74.0										14.8	58.2	2 900	23.7	67.2	1 900				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**

**Maximum Operating Wind Speeds
(all boom lengths)**

**10 m/s with 21.3m thru 33.5m Luffing Jib
7 m/s with 36.6m thru 61.0m Luffing Jib
5 m/s with 64.0m thru 73.2m Luffing Jib**

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.	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	
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	15 200							32.0
34.0	64.6	105.2	13 400*	65.9	105.8	15 200	67.7	106.4	14 100							34.0
36.0	62.8	104.2	12 900*	64.1	104.8	14 000	65.9	105.6	13 000							36.0
38.0	60.9	103.1	12 200*	62.2	103.8	13 000	64.1	104.6	12 000	66.0	105.2	11 000				38.0
40.0	59.0	102.0	11 500*	60.3	102.7	12 100	62.3	103.6	11 100	64.2	104.3	10 200				40.0
42.0	57.1	100.7	10 800*	58.4	101.5	11 300	60.4	102.5	10 300	62.3	103.3	9 400				42.0
44.0	55.1	99.3	10 200*	56.5	100.2	10 500	58.5	101.3	9 600	60.4	102.2	8 700				44.0
46.0	53.1	97.9	9 600*	54.5	98.8	9 800	56.6	100.0	8 900	58.5	101.0	8 100	61.7	102.1	6 700	46.0
48.0	51.0	96.3	9 100*	52.5	97.3	9 100	54.6	98.6	8 300	56.6	99.7	7 500	59.8	101.0	6 100	48.0
50.0	48.9	94.6	8 600*	50.4	95.7	8 500	52.5	97.1	7 700	54.6	98.3	6 900	57.9	99.8	5 600	50.0
52.0	46.7	92.8	8 100*	48.2	94.0	8 000	50.4	95.5	7 200	52.6	96.8	6 400	56.0	98.5	5 200	52.0
54.0	44.3	90.8	7 600*	45.9	92.1	7 400	48.3	93.8	6 700	50.5	95.2	5 900	54.0	97.0	4 700	54.0
56.0	41.9	88.6	7 200*	43.6	90.0	6 900	46.0	91.9	6 200	48.3	93.5	5 500	51.9	95.5	4 300	56.0
58.0	39.4	86.3	6 800*	41.2	87.8	6 500	43.7	89.9	5 800	46.1	91.6	5 100	49.8	93.9	3 900	58.0
60.0	36.7	83.7	6 500*	38.6	85.4	6 100	41.3	87.7	5 400	43.7	89.6	4 700	47.6	92.1	3 600	60.0
62.0	33.9	80.8	6 200	35.9	82.7	5 700	38.7	85.2	5 000	41.3	87.4	4 300	45.3	90.2	3 200	62.0
64.0	30.8	77.6	5 800	33.0	79.8	5 300	36.0	82.6	4 700	38.7	85.0	4 000	43.0	88.1	2 900	64.0
66.0	27.4	74.0	5 500	29.8	76.5	5 000	33.1	79.6	4 300	36.0	82.3	3 700	40.5	85.8	2 600	66.0
68.0	23.6	69.7	5 000	26.3	72.7	4 700	29.9	76.3	4 000	33.1	79.4	3 400	37.9	83.3	2 400	68.0
70.0	19.0	64.5	4 400*	22.3	68.2	4 400	26.4	72.6	3 700	30.0	76.1	3 100	35.1	80.6	2 100	70.0
72.0	13.0	57.4	3 500*	17.4	62.5	4 100	22.4	68.1	3 500	26.5	72.3	2 900	32.2	77.6	1 900	72.0
74.0				10.4	54.2	3 300*	17.5	62.5	3 300	22.5	67.8	2 600				74.0
76.0							10.7	54.3	3 000	17.7	62.3	2 400				76.0



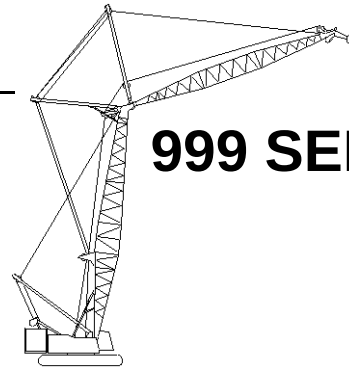
Liftcrane Luffing Jib Capacities

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

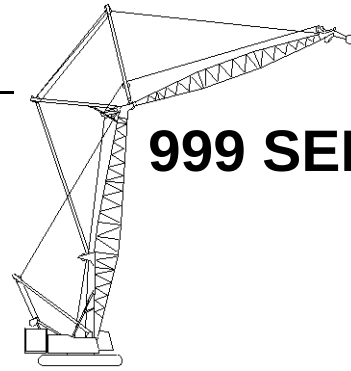
Maximum Operating Wind Speeds
(all boom lengths)

10 m/s with 21.3m thru 33.5m Luffing Jib
7 m/s with 36.6m thru 61.0m Luffing Jib
5 m/s with 64.0m thru 73.2m Luffing Jib



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	14 500	68.7	109.7	13 600				34.0
36.0	64.0	107.6	12 200*	65.2	108.2	13 700	67.0	108.9	12 600				36.0
38.0	62.3	106.6	11 700*	63.5	107.2	12 600	65.3	108.0	11 600				38.0
40.0	60.5	105.5	11 100*	61.7	106.2	11 700	63.5	107.0	10 700	65.3	107.7	9 800	40.0
42.0	58.6	104.3	10 500*	59.9	105.1	10 900	61.8	106.0	9 900	63.6	106.7	9 000	42.0
44.0	56.8	103.0	9 900*	58.1	103.8	10 100	60.0	104.9	9 200	61.8	105.7	8 300	44.0
46.0	54.9	101.7	9 400*	56.2	102.5	9 400	58.1	103.6	8 500	60.0	104.5	7 700	46.0
48.0	52.9	100.2	8 800*	54.3	101.1	8 700	56.3	102.3	7 900	58.2	103.3	7 100	48.0
50.0	50.9	98.6	8 400*	52.3	99.6	8 200	54.3	100.9	7 300	56.3	102.0	6 500	50.0
52.0	48.9	96.9	7 900*	50.3	98.0	7 600	52.4	99.4	6 800	54.4	100.6	6 000	52.0
54.0	46.8	95.1	7 500*	48.2	96.3	7 100	50.4	97.8	6 300	52.4	99.1	5 600	54.0
56.0	44.5	93.1	7 100	46.1	94.4	6 600	48.3	96.1	5 800	50.4	97.5	5 100	56.0
58.0	42.3	91.0	6 600	43.8	92.4	6 100	46.1	94.2	5 400	48.3	95.8	4 700	58.0
60.0	39.9	88.6	6 200	41.5	90.2	5 700	43.9	92.2	5 000	46.2	93.9	4 300	60.0
62.0	37.3	86.1	5 800	39.1	87.8	5 300	41.6	90.0	4 600	44.0	91.9	4 000	62.0
64.0	34.6	83.3	5 400	36.5	85.2	4 900	39.2	87.6	4 300	41.7	89.7	3 600	64.0
66.0	31.8	80.2	5 100	33.8	82.3	4 600	36.6	85.0	4 000	39.2	87.3	3 300	66.0
68.0	28.6	76.7	4 700	30.8	79.1	4 300	33.9	82.2	3 700	36.7	84.7	3 000	68.0
70.0	25.1	72.7	4 400	27.6	75.5	4 000	30.9	79.0	3 400	33.9	81.9	2 700	70.0
72.0	21.1	68.0	3 900*	23.9	71.3	3 700	27.7	75.4	3 100	31.0	78.7	2 500	72.0
74.0	16.1	61.9	3 200*	19.6	66.2	3 500	24.0	71.2	2 800	27.8	75.1	2 300	74.0
76.0	8.5	52.5	2 200*	14.2	59.5	3 100	19.8	66.1	2 600	24.1	70.9	2 000	76.0
78.0							14.4	59.5	2 400				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**

**Maximum Operating Wind Speeds
(all boom lengths)**

**10 m/s with 21.3m thru 33.5m Luffing Jib
7 m/s with 36.6m thru 61.0m Luffing Jib
5 m/s with 64.0m thru 73.2m Luffing Jib**

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.	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	63.1	63.9	54 400*b																			13.7
14.0	62.2	63.8	53 700b																			14.0
16.0	55.9	62.5	48 400b	60.6	63.4	46 800b																16.0
18.0	49.0	60.9	42 900	54.1	62.1	41 500	61.3	63.3	39 500b													18.0
20.0	41.2	58.9	38 700	47.1	60.4	37 300	54.9	62.0	35 400b	61.9	63.0	33 700b										20.0
22.0	32.0	56.1	35 200	39.1	58.1	33 900	47.9	60.3	32 100	55.6	61.8	30 400b										22.0
24.0	19.0	51.7	30 700	29.2	55.1	31 100	40.0	58.2	29 300	48.7	60.1	27 700										24.0
26.0							30.4	55.2	27 000	40.9	58.1	25 400	54.3	60.6	23 100							26.0
28.0										31.5	55.2	23 500	47.3	58.9	21 200							28.0
30.0										18.2	50.7	21 700	39.3	56.7	19 600	52.7	59.1	17 700				30.0
32.0													29.5	53.7	18 100	45.5	57.3	16 400				32.0
34.0																37.2	54.9	15 000	50.7	57.1	13 400	34.0
36.0																26.7	51.6	13 800	43.2	55.2	12 300	36.0
38.0																6.7	44.4	12 700	34.4	52.6	11 300	38.0
40.0																			22.8	48.8	10 500	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.	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	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 200b	64.6	66.9	45 700b																16.0
18.0	55.0	64.9	42 000	59.2	65.8	40 600	65.2	66.7	38 600b													18.0
20.0	49.0	63.2	37 800	53.5	64.4	36 500	59.8	65.6	34 600	65.7	66.5	32 800b										20.0
22.0	42.3	61.2	34 300	47.3	62.7	33 100	54.2	64.3	31 300	60.4	65.4	29 600b										22.0
24.0	34.6	58.6	31 400	40.4	60.5	30 200	48.0	62.6	28 500	54.8	64.1	27 000										24.0
26.0	24.8	55.0	28 900	32.3	57.7	27 800	41.2	60.5	26 200	48.7	62.4	24 700	59.4	64.3	22 400							26.0
28.0				21.6	53.6	25 800	33.3	57.8	24 200	42.0	60.4	22 800	53.7	62.9	20 500							28.0
30.0							23.0	53.9	22 500	34.2	57.8	21 100	47.5	61.2	19 000							30.0
32.0										24.3	54.1	19 600	40.6	59.1	17 600	52.3	61.4	15 700				32.0
34.0													32.5	56.3	16 300	45.9	59.6	14 600				34.0
36.0													21.9	52.3	15 000	38.9	57.3	13 500				36.0
38.0																30.4	54.3	12 400	44.0	57.5	11 000	38.0
40.0																			36.6	55.1	10 100	40.0
42.0																			27.4	51.8	9 300	42.0
44.0																			13.3	46.1	8 600	44.0



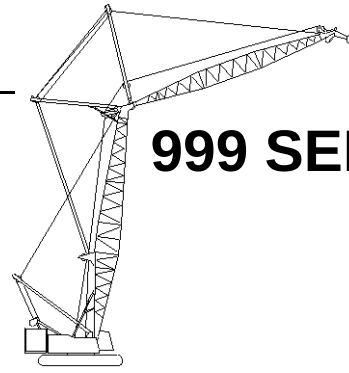
Liftcrane Luffing Jib Capacities

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**

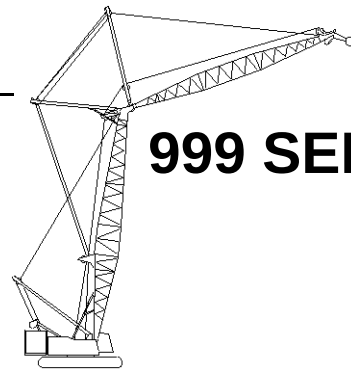
**Maximum Operating Wind Speeds
(all boom lengths)**

**10 m/s with 21.3m thru 33.5m Luffing Jib
7 m/s with 36.6m thru 61.0m Luffing Jib
5 m/s with 64.0m thru 73.2m Luffing Jib**



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.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib 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	69.4	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 100b	67.6	70.2	45 000b																16.0
18.0	59.4	68.5	41 500	63.0	69.3	40 000	68.1	70.1	38 000b													18.0
20.0	54.4	67.2	37 200	58.1	68.1	35 900	63.5	69.1	34 100													20.0
22.0	49.0	65.5	33 800	53.0	66.7	32 600	58.7	68.0	30 900	64.0	68.9	29 200b										22.0
24.0	43.1	63.6	30 700	47.5	65.0	29 800	53.6	66.6	28 100	59.2	67.7	26 600										24.0
26.0	36.4	61.1	27 600*	41.5	62.9	27 400	48.2	64.9	25 800	54.1	66.4	24 400										26.0
28.0	28.5	57.8	25 200*	34.6	60.2	25 300	42.2	62.9	23 900	48.7	64.7	22 500	58.3	66.6	20 300							28.0
30.0	17.3	52.9	23 100*	26.1	56.7	23 600	35.4	60.3	22 100	42.8	62.7	20 800	53.1	65.2	18 700							30.0
32.0				13.0	50.8	21 900	27.1	56.9	20 600	36.1	60.2	19 300	47.7	63.5	17 300	57.1	65.2	15 500				32.0
34.0										28.1	56.9	18 000	41.6	61.5	16 100	51.9	63.7	14 400				34.0
36.0										16.7	51.9	16 700	34.7	58.8	15 000	46.3	61.9	13 400				36.0
38.0													26.3	55.3	13 900	40.1	59.7	12 400				38.0
40.0																32.9	56.9	11 400	44.6	59.8	10 000	40.0
42.0																23.9	53.1	10 600	38.1	57.5	9 300	42.0
44.0																			30.6	54.5	8 600	44.0
46.0																			20.6	50.1	7 900	46.0



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**

**Maximum Operating Wind Speeds
(all boom lengths)**

**10 m/s with 21.3m thru 33.5m Luffing Jib
7 m/s with 36.6m thru 61.0m Luffing Jib
5 m/s with 64.0m thru 73.2m Luffing Jib**

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.	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	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	44 000b																16.0
18.0	62.8	72.0	40 400	65.9	72.7	39 100																18.0
20.0	58.4	70.9	36 400	61.7	71.6	35 200	66.3	72.5	33 300													20.0
22.0	53.8	69.5	33 000	57.3	70.4	31 800	62.1	71.5	30 100													22.0
24.0	49.0	67.8	30 000	52.6	69.0	29 100	57.8	70.3	27 500	62.6	71.3	25 900										24.0
26.0	43.7	65.9	26 900*	47.7	67.3	26 700	53.1	68.9	25 200	58.2	70.1	23 700										26.0
28.0	37.9	63.5	24 300*	42.3	65.2	24 700	48.2	67.2	23 200	53.6	68.7	21 800	61.8	70.2	19 700							28.0
30.0	31.1	60.5	22 200*	36.2	62.7	22 800	42.9	65.2	21 500	48.8	67.0	20 200	57.4	69.0	18 100							30.0
32.0	22.5	56.4	20 700*	29.1	59.5	21 300	37.0	62.8	20 000	43.5	65.1	18 700	52.7	67.5	16 700							32.0
34.0				19.8	54.9	19 900	30.0	59.7	18 700	37.6	62.7	17 400	47.8	65.8	15 600	56.3	67.5	13 800				34.0
36.0							21.0	55.3	17 400	30.8	59.6	16 300	42.4	63.8	14 500	51.6	66.0	12 800				36.0
38.0										22.1	55.5	15 200	36.4	61.3	13 600	46.6	64.2	11 900				38.0
40.0													29.3	58.1	12 600	41.1	62.1	11 100	50.2	64.0	9 600	40.0
42.0													20.0	53.6	11 600	34.9	59.4	10 200	45.0	62.2	8 900	42.0
44.0																27.4	56.0	9 500	39.3	59.9	8 200	44.0
46.0																			32.8	57.1	7 600	46.0
48.0																			24.9	53.3	7 100	48.0
50.0																			12.7	47.2	6 500	50.0



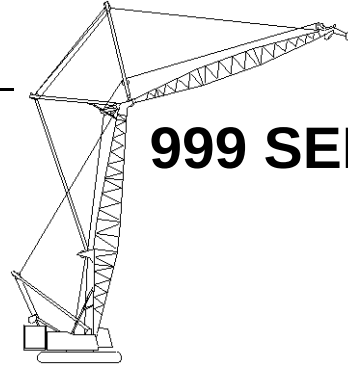
Liftcrane Luffing Jib Capacities

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**

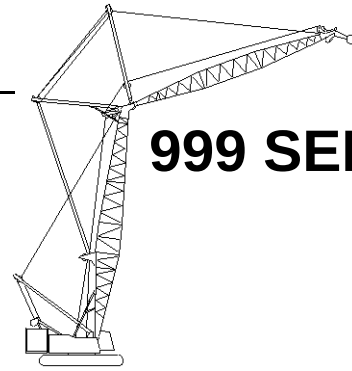
**Maximum Operating Wind Speeds
(all boom lengths)**

10 m/s with 21.3m thru 33.5m Luffing Jib
7 m/s with 36.6m thru 61.0m Luffing Jib
5 m/s with 64.0m thru 73.2m Luffing Jib



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*																			13.7
14.0	72.8	77.0	41 400*																			14.0
16.0	69.1	76.3	39 900*	71.9	76.7	43 300*																16.0
18.0	65.4	75.4	38 400*	68.2	76.0	38 500																18.0
20.0	61.6	74.4	35 900	64.5	75.1	34 600	68.6	75.8	32 800													20.0
22.0	57.6	73.2	32 500	60.6	74.0	31 400	64.9	74.9	29 600													22.0
24.0	53.4	71.8	29 300*	56.5	72.8	28 600	61.0	73.9	27 000	65.3	74.7	25 500										24.0
26.0	49.0	70.1	26 400*	52.3	71.3	26 200	57.0	72.7	24 800	61.4	73.6	23 300										26.0
28.0	44.2	68.2	23 800*	47.8	69.6	24 200	52.8	71.2	22 800	57.4	72.4	21 400										28.0
30.0	39.0	65.9	21 600*	42.9	67.6	22 500	48.3	69.5	21 100	53.2	71.0	19 800	60.7	72.6	17 800							30.0
32.0	33.1	63.1	19 800*	37.6	65.1	20 900	43.5	67.5	19 600	48.8	69.3	18 400	56.6	71.3	16 400							32.0
34.0	26.0	59.5	18 400*	31.4	62.2	19 600	38.2	65.2	18 300	44.0	67.4	17 100	52.4	69.8	15 200							34.0
36.0	16.2	54.1	17 300*	23.9	58.2	18 300	32.2	62.3	17 100	38.8	65.1	16 000	47.9	68.1	14 200	55.7	69.8	12 500				36.0
38.0				12.5	51.9	17 000	24.8	58.5	16 000	32.8	62.2	15 000	43.1	66.1	13 200	51.4	68.3	11 600				38.0
40.0										25.7	58.6	14 000	37.7	63.7	12 400	46.8	66.5	10 800				40.0
42.0										15.7	53.1	13 000	31.6	60.7	11 500	41.9	64.4	10 100	50.1	66.3	8 700	42.0
44.0													24.1	56.8	10 700	36.4	61.9	9 400	45.4	64.5	8 100	44.0
46.0																30.0	58.8	8 700	40.3	62.3	7 400	46.0
48.0																22.0	54.5	8 100	34.6	59.6	6 900	48.0
50.0																			27.9	56.2	6 400	50.0
52.0																			19.0	51.4	5 900	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**

**Maximum Operating Wind Speeds
(all boom lengths)**

**10 m/s with 21.3m thru 33.5m Luffing Jib
7 m/s with 36.6m thru 61.0m Luffing Jib
5 m/s with 64.0m thru 73.2m Luffing Jib**

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.	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	74.7	80.3	38 700*																			13.7
14.0	74.3	80.2	38 500*																			14.0
16.0	71.0	79.6	36 900*																			16.0
18.0	67.6	78.8	35 700*	70.1	79.3	37 700																18.0
20.0	64.2	77.9	34 300*	66.7	78.4	33 800	70.5	79.1	32 000													20.0
22.0	60.6	76.8	31 700*	63.2	77.5	30 700	67.1	78.3	28 900													22.0
24.0	56.9	75.5	28 600*	59.7	76.4	27 900	63.6	77.4	26 300													24.0
26.0	53.0	74.1	25 800*	55.9	75.1	25 600	60.1	76.3	24 100	64.0	77.1	22 700										26.0
28.0	49.0	72.4	23 400*	52.0	73.6	23 600	56.4	75.0	22 200	60.4	76.0	20 900										28.0
30.0	44.6	70.5	21 200*	47.9	71.9	21 900	52.5	73.5	20 600	56.7	74.8	19 200										30.0
32.0	39.9	68.3	19 300*	43.5	69.9	20 300	48.4	71.8	19 000	52.9	73.3	17 800	59.7	74.9	15 900							32.0
34.0	34.7	65.6	17 700*	38.6	67.5	19 000	44.0	69.9	17 700	48.8	71.6	16 500	56.0	73.6	14 700							34.0
36.0	28.6	62.3	16 400*	33.2	64.7	17 800	39.2	67.6	16 600	44.4	69.7	15 400	52.1	72.2	13 700							36.0
38.0	20.9	57.8	15 500*	26.8	61.2	16 700	33.9	64.8	15 600	39.7	67.5	14 400	48.0	70.4	12 700	55.1	72.1	11 100				38.0
40.0				18.5	56.2	15 600	27.6	61.4	14 600	34.4	64.7	13 500	43.6	68.5	11 900	51.2	70.6	10 300				40.0
42.0							19.6	56.6	13 600	28.3	61.4	12 700	38.8	66.1	11 100	47.0	68.8	9 600				42.0
44.0										20.5	56.8	11 800	33.4	63.3	10 400	42.5	66.8	9 000	50.0	68.6	7 600	44.0
46.0													27.0	59.8	9 700	37.6	64.3	8 300	45.7	66.8	7 100	46.0
48.0													18.7	54.9	9 000	32.0	61.4	7 800	41.1	64.6	6 500	48.0
50.0																25.3	57.6	7 200	36.0	62.1	6 000	50.0
52.0																			30.2	58.9	5 600	52.0
54.0																			23.0	54.8	5 200	54.0
56.0																			12.3	48.3	4 800	56.0



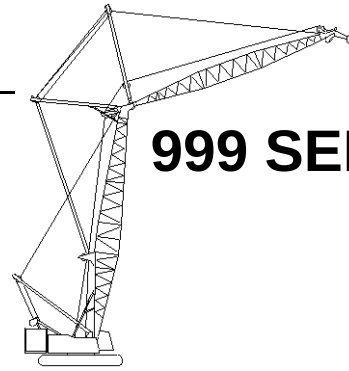
Liftcrane Luffing Jib Capacities

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**

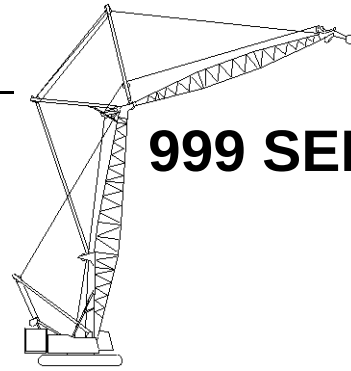
**Maximum Operating Wind Speeds
(all boom lengths)**

10 m/s with 21.3m thru 33.5m Luffing Jib
7 m/s with 36.6m thru 61.0m Luffing Jib
5 m/s with 64.0m thru 73.2m Luffing Jib



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*																			13.7
14.0	75.5	83.4	35 100*																			14.0
16.0	72.5	82.8	34 300*																			16.0
18.0	69.4	82.1	33 000*	71.7	82.5	36 900																18.0
20.0	66.3	81.2	32 000*	68.6	81.8	33 100																20.0
22.0	63.1	80.3	30 600*	65.5	80.9	30 000	69.0	81.6	28 400													22.0
24.0	59.8	79.1	27 800*	62.2	79.9	27 400	65.8	80.7	25 800													24.0
26.0	56.3	77.9	25 300*	58.9	78.7	25 100	62.6	79.7	23 600	66.1	80.5	22 200										26.0
28.0	52.7	76.4	23 000*	55.4	77.4	23 100	59.3	78.6	21 700	62.9	79.5	20 400										28.0
30.0	49.0	74.7	20 900*	51.8	75.9	21 400	55.8	77.3	20 100	59.6	78.4	18 700										30.0
32.0	45.0	72.8	19 000*	48.0	74.2	19 900	52.2	75.8	18 600	56.2	77.1	17 400	62.3	78.4	15 400							32.0
34.0	40.7	70.6	17 500*	43.9	72.2	18 500	48.4	74.1	17 300	52.6	75.6	16 100	59.0	77.3	14 200							34.0
36.0	36.0	68.1	16 100*	39.5	69.9	17 300	44.4	72.2	16 100	48.8	73.9	15 000	55.5	76.0	13 200							36.0
38.0	30.6	64.9	14 900*	34.7	67.2	16 200	40.0	69.9	15 100	44.8	72.0	14 000	51.9	74.5	12 300							38.0
40.0	24.2	61.0	14 000*	29.1	63.9	15 200	35.2	67.3	14 200	40.5	69.8	13 100	48.1	72.7	11 500	54.7	74.4	9 900				40.0
42.0	15.4	55.3	13 300*	22.3	59.7	14 300	29.8	64.1	13 300	35.7	67.2	12 300	44.0	70.8	10 700	51.0	72.9	9 200				42.0
44.0				12.2	53.0	13 300	23.1	60.0	12 500	30.4	64.1	11 500	39.6	68.5	10 000	47.1	71.1	8 600				44.0
46.0										23.9	60.1	10 800	34.8	65.8	9 400	43.0	69.1	8 000	49.9	70.9	6 700	46.0
48.0										14.9	54.2	10 100	29.2	62.5	8 700	38.5	66.7	7 500	46.0	69.1	6 200	48.0
50.0													22.5	58.3	8 200	33.6	63.9	6 900	41.8	67.0	5 700	50.0
52.0																27.8	60.5	6 400	37.1	64.5	5 300	52.0
54.0																20.6	55.9	6 000	32.0	61.5	4 900	54.0
56.0																			25.9	57.8	4 500	56.0
58.0																			17.9	52.7	4 200	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**

**Maximum Operating Wind Speeds
(all boom lengths)**

**10 m/s with 21.3m thru 33.5m Luffing Jib
7 m/s with 36.6m thru 61.0m Luffing Jib
5 m/s with 64.0m thru 73.2m Luffing Jib**

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.	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	
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	32 400																20.0
22.0	65.1	83.7	28 800*	67.3	84.2	29 300																22.0
24.0	62.1	82.6	27 200*	64.4	83.3	26 700	67.6	84.1	25 200													24.0
26.0	59.0	81.5	24 700*	61.3	82.3	24 500	64.7	83.2	23 000													26.0
28.0	55.8	80.2	22 600*	58.2	81.1	22 500	61.7	82.1	21 100	65.0	82.9	19 800										28.0
30.0	52.5	78.7	20 600*	55.0	79.7	20 800	58.6	81.0	19 500	62.0	81.9	18 200										30.0
32.0	49.0	77.0	18 900*	51.6	78.2	19 300	55.3	79.6	18 100	58.9	80.7	16 800										32.0
34.0	45.3	75.2	17 300*	48.1	76.5	18 000	52.0	78.1	16 800	55.7	79.4	15 600	61.4	80.8	13 700							34.0
36.0	41.3	73.0	15 900*	44.3	74.5	16 800	48.5	76.4	15 600	52.3	77.9	14 500	58.3	79.6	12 700							36.0
38.0	37.0	70.5	14 700*	40.3	72.3	15 700	44.7	74.5	14 600	48.8	76.2	13 500	55.0	78.3	11 800							38.0
40.0	32.2	67.5	13 600*	35.9	69.7	14 700	40.7	72.3	13 700	45.1	74.3	12 600	51.7	76.8	11 000							40.0
42.0	26.7	63.9	12 800*	30.9	66.6	13 900	36.4	69.7	12 800	41.1	72.2	11 800	48.1	75.0	10 200	54.3	76.8	8 700				42.0
44.0	19.7	59.1	12 200*	25.1	62.7	13 100	31.5	66.7	12 000	36.8	69.7	11 100	44.4	73.1	9 500	50.9	75.2	8 100				44.0
46.0				17.5	57.5	12 200	25.8	63.0	11 300	32.0	66.7	10 400	40.4	70.9	8 900	47.3	73.4	7 500				46.0
48.0							18.5	57.9	10 600	26.4	63.0	9 800	36.0	68.3	8 400	43.5	71.4	7 000	49.8	73.2	5 700	48.0
50.0										19.4	58.2	9 100	31.0	65.2	7 800	39.4	69.1	6 500	46.2	71.4	5 300	50.0
52.0													25.2	61.4	7 300	34.9	66.4	6 100	42.3	69.3	4 900	52.0
54.0													17.7	56.1	6 800	29.8	63.2	5 600	38.1	66.9	4 500	54.0
56.0																23.7	59.1	5 200	33.5	64.1	4 100	56.0
58.0																			28.1	60.6	3 800	58.0
60.0																			21.6	56.2	3 500	60.0
62.0																			12.0	49.4	3 200	62.0



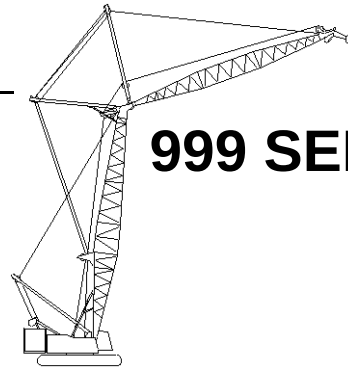
Liftcrane Luffing Jib Capacities

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**

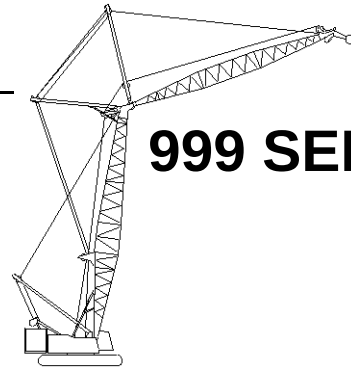
**Maximum Operating Wind Speeds
(all boom lengths)**

**10 m/s with 21.3m thru 33.5m Luffing Jib
7 m/s with 36.6m thru 61.0m Luffing Jib
5 m/s with 64.0m thru 73.2m Luffing Jib**



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	32 200																20.0
22.0	66.9	87.0	26 800*	68.9	87.5	29 100																22.0
24.0	64.1	86.1	26 000*	66.2	86.7	26 600	69.2	87.4	25 000													24.0
26.0	61.3	85.0	24 100*	63.4	85.7	24 300	66.5	86.5	22 900													26.0
28.0	58.4	83.8	22 100*	60.6	84.6	22 400	63.7	85.6	21 000	66.8	86.2	19 700										28.0
30.0	55.4	82.5	20 300*	57.6	83.4	20 700	60.9	84.5	19 400	64.0	85.3	18 100										30.0
32.0	52.3	81.0	18 600*	54.6	82.0	19 200	58.0	83.3	18 000	61.2	84.3	16 800										32.0
34.0	49.0	79.3	17 100*	51.4	80.5	17 900	54.9	81.9	16 700	58.3	83.1	15 500										34.0
36.0	45.5	77.5	15 700*	48.1	78.8	16 700	51.8	80.4	15 600	55.2	81.7	14 500	60.6	83.2	12 700							36.0
38.0	41.9	75.3	14 500*	44.6	76.8	15 600	48.5	78.7	14 500	52.1	80.2	13 500	57.7	82.0	11 800							38.0
40.0	37.9	72.9	13 400*	40.9	74.6	14 700	45.0	76.8	13 600	48.8	78.5	12 600	54.7	80.6	11 000							40.0
42.0	33.6	70.1	12 500*	36.9	72.1	13 800	41.3	74.6	12 800	45.4	76.7	11 800	51.5	79.1	10 200							42.0
44.0	28.7	66.7	11 800*	32.4	69.2	13 000	37.3	72.2	12 000	41.7	74.5	11 000	48.2	77.3	9 500	53.9	79.1	8 100				44.0
46.0	22.8	62.5	11 200*	27.3	65.6	12 300	32.9	69.3	11 300	37.8	72.1	10 400	44.7	75.4	8 900	50.7	77.5	7 500				46.0
48.0	14.8	56.4	10 700*	21.0	61.0	11 500	27.9	65.8	10 600	33.4	69.2	9 800	41.0	73.2	8 300	47.4	75.7	7 000				48.0
50.0				11.9	54.1	10 700	21.8	61.4	10 000	28.4	65.8	9 200	37.0	70.7	7 800	43.9	73.7	6 500	49.8	75.5	5 300	50.0
52.0										22.5	61.5	8 600	32.5	67.8	7 300	40.1	71.5	6 100	46.4	73.7	4 900	52.0
54.0										14.4	55.3	8 100	27.4	64.2	6 900	36.0	68.9	5 700	42.8	71.6	4 500	54.0
56.0																31.4	65.8	5 300	38.9	69.3	4 100	56.0
58.0																26.1	62.1	4 900	34.7	66.6	3 800	58.0
60.0																19.5	57.2	4 500	29.9	63.3	3 500	60.0
62.0																			24.3	59.3	3 200	62.0
64.0																			17.1	53.9	2 900	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**

**Maximum Operating Wind Speeds
(all boom lengths)**

**10 m/s with 21.3m thru 33.5m Luffing Jib
7 m/s with 36.6m thru 61.0m Luffing Jib
5 m/s with 64.0m thru 73.2m Luffing Jib**

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.	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	
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	30 600																20.0
22.0	68.4	90.3	24 800*	70.3	90.8	28 600																22.0
24.0	65.9	89.5	24 200*	67.8	90.0	26 000																24.0
26.0	63.3	88.5	23 300*	65.2	89.1	23 800	68.0	89.8	22 300													26.0
28.0	60.6	87.4	21 400*	62.6	88.1	21 900	65.5	89.0	20 500													28.0
30.0	57.8	86.2	19 800*	59.9	87.0	20 200	62.9	88.0	18 900	65.7	88.7	17 600										30.0
32.0	55.0	84.8	18 200*	57.1	85.7	18 700	60.2	86.9	17 500	63.1	87.7	16 200										32.0
34.0	52.1	83.3	16 800*	54.2	84.4	17 400	57.4	85.6	16 200	60.5	86.6	15 100										34.0
36.0	49.0	81.6	15 500*	51.3	82.8	16 200	54.6	84.3	15 100	57.7	85.4	14 000										36.0
38.0	45.8	79.8	14 300*	48.2	81.1	15 100	51.6	82.7	14 100	54.9	84.0	13 000	59.9	85.5	11 300							38.0
40.0	42.4	77.7	13 300*	44.9	79.2	14 200	48.5	81.0	13 100	51.9	82.5	12 100	57.2	84.3	10 500							40.0
42.0	38.7	75.3	12 300*	41.4	77.0	13 300	45.3	79.1	12 300	48.8	80.8	11 300	54.3	82.9	9 700							42.0
44.0	34.7	72.6	11 500*	37.7	74.5	12 500	41.8	77.0	11 500	45.6	79.0	10 600	51.3	81.4	9 000							44.0
46.0	30.3	69.4	10 800*	33.6	71.7	11 800	38.1	74.6	10 800	42.2	76.9	9 900	48.2	79.6	8 400	53.6	81.4	7 000				46.0
48.0	25.2	65.5	10 200*	29.1	68.4	11 100	34.1	71.8	10 200	38.5	74.5	9 300	45.0	77.7	7 900	50.6	79.8	6 500				48.0
50.0	18.8	60.4	9 900*	23.7	64.2	10 500	29.6	68.5	9 600	34.5	71.7	8 700	41.5	75.6	7 400	47.5	78.0	6 100				50.0
52.0				16.7	58.7	9 900	24.3	64.5	9 100	30.1	68.5	8 300	37.8	73.1	6 900	44.2	76.1	5 600	49.7	77.8	4 400	52.0
54.0							17.6	59.2	8 500	24.9	64.6	7 800	33.7	70.3	6 400	40.7	73.8	5 200	46.6	76.0	4 100	54.0
56.0										18.4	59.4	7 300	29.2	67.0	6 100	36.9	71.3	4 800	43.2	74.0	3 700	56.0
58.0													23.8	62.9	5 600	32.7	68.4	4 500	39.6	71.7	3 400	58.0
60.0													16.9	57.3	5 300	28.0	64.9	4 200	35.7	69.0	3 100	60.0
62.0																22.4	60.6	3 900	31.4	66.0	2 800	62.0
64.0																14.9	54.5	3 600	26.5	62.3	2 600	64.0
66.0																			20.5	57.6	2 300	66.0
68.0																			11.8	50.4	2 100	68.0



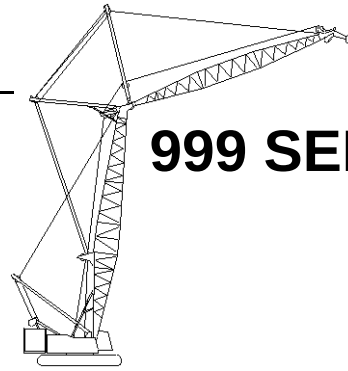
Liftcrane Luffing Jib Capacities

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**

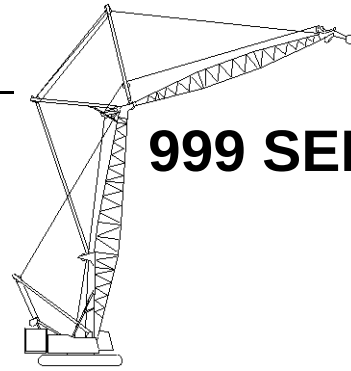
**Maximum Operating Wind Speeds
(all boom lengths)**

**10 m/s with 21.3m thru 33.5m Luffing Jib
7 m/s with 36.6m thru 61.0m Luffing Jib
5 m/s with 64.0m thru 73.2m Luffing Jib**



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

**Maximum Operating Wind Speeds
(all boom lengths)**

**10 m/s with 21.3m thru 33.5m Luffing Jib
7 m/s with 36.6m thru 61.0m Luffing Jib
5 m/s with 64.0m thru 73.2m Luffing Jib**

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.	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	
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	24 700																24.0
26.0	66.4	95.2	20 300*	68.1	95.8	22 700	70.6	96.4	21 200													26.0
28.0	64.1	94.3	20 000*	65.8	94.9	20 900	68.4	95.6	19 400													28.0
30.0	61.8	93.3	18 900*	63.5	93.9	19 200	66.1	94.8	17 900													30.0
32.0	59.4	92.1	17 500*	61.2	92.9	17 800	63.8	93.8	16 500	66.3	94.5	15 300										32.0
34.0	56.9	90.8	16 300*	58.7	91.7	16 500	61.4	92.7	15 300	64.0	93.5	14 100										34.0
36.0	54.3	89.5	15 100*	56.2	90.4	15 300	59.0	91.6	14 200	61.7	92.5	13 100										36.0
38.0	51.7	87.9	14 000*	53.7	89.0	14 300	56.5	90.3	13 200	59.2	91.3	12 100										38.0
40.0	49.0	86.2	13 100*	51.0	87.4	13 300	54.0	88.9	12 300	56.8	90.1	11 300	61.2	91.4	9 600							40.0
42.0	46.1	84.4	12 200*	48.3	85.7	12 500	51.3	87.3	11 500	54.2	88.7	10 500	58.8	90.2	8 900							42.0
44.0	43.1	82.3	11 400*	45.4	83.8	11 700	48.6	85.6	10 700	51.6	87.1	9 800	56.3	89.0	8 200							44.0
46.0	40.0	80.0	10 600*	42.3	81.7	11 000	45.7	83.8	10 000	48.9	85.4	9 100	53.7	87.5	7 600							46.0
48.0	36.6	77.5	9 900*	39.1	79.3	10 300	42.7	81.7	9 400	46.0	83.6	8 500	51.1	86.0	7 000	55.7	87.5	5 700				48.0
50.0	32.9	74.5	9 400*	35.6	76.7	9 700	39.5	79.3	8 800	43.0	81.5	8 000	48.3	84.2	6 500	53.1	86.0	5 200				50.0
52.0	28.7	71.1	8 800*	31.8	73.6	9 200	36.0	76.7	8 300	39.8	79.2	7 400	45.5	82.3	6 100	50.5	84.4	4 800				52.0
54.0	23.9	67.0	8 500*	27.6	70.1	8 600	32.3	73.7	7 800	36.4	76.6	7 000	42.4	80.2	5 700	47.7	82.6	4 400				54.0
56.0	18.0	61.7	8 100*	22.6	65.7	8 200	28.1	70.2	7 300	32.7	73.7	6 500	39.2	77.9	5 200	44.8	80.7	4 100	49.7	82.4	2 900	56.0
58.0				16.1	59.9	7 700	23.2	66.0	7 000	28.5	70.2	6 100	35.7	75.2	4 900	41.7	78.5	3 700	46.8	80.6	2 600	58.0
60.0							17.0	60.4	6 500	23.7	66.1	5 800	31.9	72.2	4 500	38.4	76.1	3 400	43.9	78.6	2 300	60.0
62.0										17.7	60.7	5 400	27.7	68.7	4 200	34.9	73.4	3 100	40.7	76.4	2 000	62.0
64.0										8.0	51.6	5 100	22.7	64.3	3 900	31.0	70.3	2 800	37.4	73.9	1 800	64.0
66.0													16.3	58.5	3 700	26.6	66.6	2 600				66.0
68.0																21.4	62.0	2 400				68.0
70.0																14.4	55.6	2 200				70.0



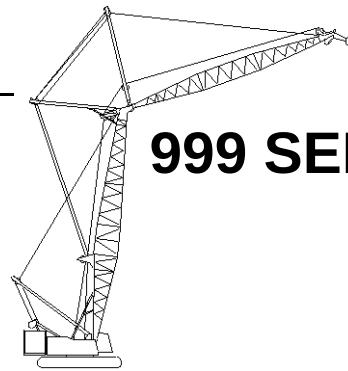
Liftcrane Luffing Jib Capacities

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**

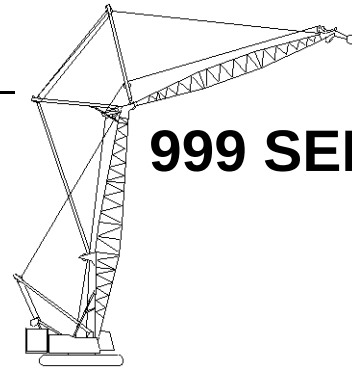
**Maximum Operating Wind Speeds
(all boom lengths)**

**10 m/s with 21.3m thru 33.5m Luffing Jib
7 m/s with 36.6m thru 61.0m Luffing Jib
5 m/s with 64.0m thru 73.2m Luffing Jib**



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	22 600													26.0
28.0	65.6	97.7	18 600*	67.2	98.2	20 800	69.6	98.9	19 400										28.0
30.0	63.4	96.7	18 000*	65.0	97.3	19 200	67.4	98.1	17 900										30.0
32.0	61.1	95.6	17 000*	62.8	96.3	17 800	65.3	97.2	16 500	67.6	97.8	15 300							32.0
34.0	58.8	94.5	15 900*	60.6	95.2	16 500	63.1	96.2	15 300	65.5	96.9	14 100							34.0
36.0	56.5	93.2	14 800*	58.2	94.0	15 300	60.8	95.1	14 200	63.3	95.9	13 100							36.0
38.0	54.1	91.8	13 800*	55.9	92.7	14 300	58.5	93.9	13 200	61.0	94.9	12 100							38.0
40.0	51.6	90.2	12 800*	53.4	91.3	13 300	56.1	92.6	12 300	58.7	93.7	11 300							40.0
42.0	49.0	88.5	12 000*	50.9	89.7	12 500	53.7	91.2	11 500	56.4	92.4	10 500	60.6	93.8	8 900				42.0
44.0	46.3	86.7	11 200*	48.3	88.0	11 700	51.2	89.6	10 700	54.0	91.0	9 800	58.3	92.6	8 300				44.0
46.0	43.5	84.7	10 500*	45.6	86.1	11 000	48.6	87.9	10 100	51.5	89.4	9 100	55.9	91.3	7 700				46.0
48.0	40.5	82.4	9 800*	42.7	84.0	10 300	45.9	86.1	9 400	48.9	87.7	8 500	53.5	89.8	7 100				48.0
50.0	37.3	79.9	9 200*	39.7	81.7	9 700	43.0	84.0	8 800	46.2	85.9	8 000	51.0	88.3	6 600	55.4	89.8	5 300	50.0
52.0	33.9	77.1	8 700*	36.5	79.1	9 200	40.0	81.7	8 300	43.3	83.8	7 500	48.4	86.5	6 100	52.9	88.3	4 900	52.0
54.0	30.1	73.8	8 200*	32.9	76.2	8 600	36.8	79.1	7 800	40.3	81.6	7 000	45.6	84.7	5 700	50.4	86.7	4 500	54.0
56.0	25.8	70.0	7 900*	29.1	72.8	8 100	33.3	76.3	7 300	37.2	79.1	6 600	42.8	82.6	5 300	47.7	84.9	4 100	56.0
58.0	20.7	65.2	7 600*	24.6	68.8	7 700	29.5	72.9	6 900	33.7	76.2	6 100	39.8	80.3	4 900	45.0	83.0	3 700	58.0
60.0	13.9	58.7	6 900*	19.2	63.7	7 300	25.1	69.0	6 500	29.9	72.9	5 700	36.5	77.7	4 600	42.1	80.9	3 400	60.0
62.0				11.6	56.2	6 600	19.9	64.1	6 200	25.6	69.1	5 400	33.0	74.8	4 200	39.0	78.5	3 100	62.0
64.0							12.6	57.0	5 800	20.5	64.3	5 100	29.1	71.4	3 900	35.7	75.9	2 900	64.0
66.0										13.6	57.6	4 800	24.7	67.4	3 700	32.2	72.8	2 600	66.0
68.0													19.4	62.3	3 400	28.2	69.3	2 300	68.0
70.0													11.8	55.0	3 200	23.6	65.1	2 100	70.0
72.0																17.9	59.8	1 900	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**

**Maximum Operating Wind Speeds
(all boom lengths)**

**10 m/s with 21.3m thru 33.5m Luffing Jib
7 m/s with 36.6m thru 61.0m Luffing Jib
5 m/s with 64.0m thru 73.2m Luffing Jib**

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 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	
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	20 200													28.0
30.0	64.8	100.1	16 900*	66.3	100.7	18 700	68.6	101.4	17 400										30.0
32.0	62.7	99.1	16 400*	64.3	99.8	17 300	66.6	100.5	16 000										32.0
34.0	60.6	98.0	15 400*	62.2	98.7	16 000	64.5	99.6	14 800	66.8	100.3	13 700							34.0
36.0	58.4	96.8	14 400*	60.0	97.6	14 900	62.4	98.6	13 700	64.7	99.3	12 600							36.0
38.0	56.1	95.5	13 500*	57.8	96.4	13 800	60.2	97.5	12 700	62.6	98.3	11 700							38.0
40.0	53.8	94.1	12 600*	55.5	95.0	12 900	58.0	96.3	11 900	60.5	97.2	10 900							40.0
42.0	51.4	92.5	11 800*	53.2	93.6	12 100	55.8	94.9	11 000	58.3	96.0	10 100							42.0
44.0	49.0	90.8	11 000*	50.8	92.0	11 300	53.5	93.5	10 300	56.0	94.7	9 400	60.1	96.2	7 800				44.0
46.0	46.4	89.0	10 300*	48.3	90.3	10 600	51.1	91.9	9 700	53.7	93.3	8 700	57.9	94.9	7 200				46.0
48.0	43.8	87.0	9 700*	45.8	88.4	9 900	48.6	90.2	9 000	51.3	91.7	8 100	55.6	93.6	6 700				48.0
50.0	40.9	84.8	9 100*	43.1	86.3	9 300	46.0	88.4	8 400	48.9	90.0	7 600	53.3	92.1	6 200				50.0
52.0	38.0	82.3	8 600*	40.2	84.1	8 700	43.4	86.3	7 900	46.3	88.2	7 100	50.9	90.6	5 700	55.1	92.1	4 400	52.0
54.0	34.8	79.5	8 100*	37.2	81.5	8 200	40.5	84.1	7 400	43.6	86.2	6 600	48.4	88.8	5 300	52.7	90.6	4 000	54.0
56.0	31.3	76.4	7 700*	33.9	78.7	7 800	37.5	81.6	6 900	40.8	83.9	6 200	45.8	87.0	4 900	50.3	89.0	3 700	56.0
58.0	27.4	72.8	7 300*	30.3	75.4	7 300	34.3	78.8	6 500	37.8	81.5	5 700	43.1	84.9	4 500	47.8	87.2	3 300	58.0
60.0	22.9	68.5	7 000*	26.3	71.7	6 900	30.7	75.6	6 100	34.6	78.7	5 400	40.3	82.6	4 200	45.2	85.3	3 000	60.0
62.0	17.4	62.9	6 500*	21.6	67.1	6 500	26.8	71.9	5 800	31.1	75.6	5 000	37.2	80.1	3 800	42.5	83.2	2 700	62.0
64.0	8.8	54.1	5 200*	15.6	61.0	6 200	22.2	67.4	5 400	27.2	71.9	4 700	34.0	77.3	3 500	39.6	80.9	2 400	64.0
66.0							16.4	61.6	5 100	22.7	67.5	4 400	30.4	74.0	3 200	36.5	78.3	2 200	66.0
68.0										17.1	61.9	4 100	26.4	70.3	3 000	33.2	75.4	1 900	68.0
70.0										8.2	52.7	3 900	21.7	65.7	2 800				70.0
72.0													15.8	59.7	2 500				72.0



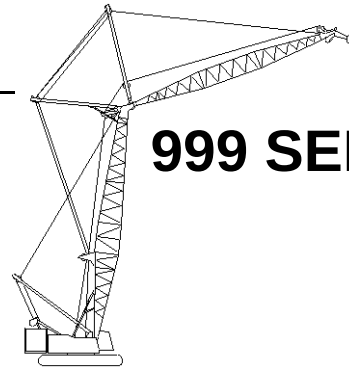
Liftcrane Luffing Jib Capacities

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**

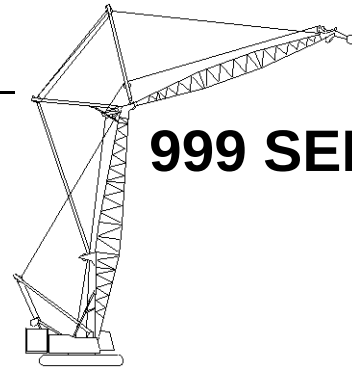
**Maximum Operating Wind Speeds
(all boom lengths)**

**10 m/s with 21.3m thru 33.5m Luffing Jib
7 m/s with 36.6m thru 61.0m Luffing Jib
5 m/s with 64.0m thru 73.2m Luffing Jib**



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	18 200	69.7	104.6	16 900							30.0
32.0	64.1	102.5	15 300*	65.6	103.1	16 900	67.8	103.9	15 600							32.0
34.0	62.1	101.5	14 900*	63.6	102.2	15 600	65.8	103.0	14 400							34.0
36.0	60.0	100.4	14 000*	61.6	101.1	14 500	63.8	102.0	13 300	66.0	102.7	12 200				36.0
38.0	57.9	99.1	13 100*	59.5	100.0	13 500	61.8	101.0	12 400	64.0	101.8	11 300				38.0
40.0	55.8	97.8	12 300*	57.4	98.7	12 500	59.7	99.8	11 500	62.0	100.7	10 500				40.0
42.0	53.6	96.4	11 600*	55.2	97.4	11 700	57.6	98.6	10 700	60.0	99.6	9 700				42.0
44.0	51.3	94.8	10 900*	53.0	95.9	10 900	55.5	97.3	10 000	57.9	98.4	9 000	61.6	99.7	7 500	44.0
46.0	49.0	93.1	10 200*	50.7	94.3	10 200	53.3	95.8	9 300	55.7	97.0	8 400	59.6	98.5	6 900	46.0
48.0	46.6	91.3	9 600*	48.4	92.6	9 600	51.0	94.2	8 700	53.5	95.6	7 800	57.5	97.3	6 300	48.0
50.0	44.0	89.3	9 000*	45.9	90.7	9 000	48.6	92.5	8 100	51.2	94.0	7 200	55.3	95.9	5 800	50.0
52.0	41.4	87.1	8 500*	43.3	88.7	8 400	46.2	90.7	7 600	48.9	92.3	6 700	53.1	94.5	5 400	52.0
54.0	38.6	84.7	8 000*	40.7	86.4	7 900	43.6	88.6	7 000	46.4	90.5	6 200	50.8	92.9	4 900	54.0
56.0	35.6	82.0	7 600*	37.8	83.9	7 400	41.0	86.4	6 600	43.9	88.5	5 800	48.4	91.1	4 600	56.0
58.0	32.3	79.0	7 200*	34.8	81.2	7 000	38.1	84.0	6 200	41.2	86.3	5 400	46.0	89.3	4 200	58.0
60.0	28.8	75.6	6 800*	31.4	78.1	6 500	35.1	81.2	5 800	38.4	83.9	5 000	43.4	87.2	3 800	60.0
62.0	24.7	71.5	6 600*	27.8	74.5	6 200	31.8	78.2	5 400	35.4	81.2	4 700	40.7	85.0	3 500	62.0
64.0	19.9	66.6	6 100*	23.6	70.3	5 800	28.2	74.7	5 100	32.2	78.1	4 400	37.9	82.5	3 200	64.0
66.0	13.6	59.8	5 000*	18.5	65.0	5 500	24.1	70.5	4 700	28.6	74.7	4 100	34.8	79.8	2 900	66.0
68.0				11.4	57.3	4 900	19.2	65.4	4 500	24.5	70.6	3 800	31.5	76.7	2 600	68.0
70.0							12.4	58.1	4 200	19.7	65.6	3 500	27.9	73.1	2 400	70.0
72.0										13.3	58.7	3 300	23.7	68.9	2 200	72.0
74.0													18.7	63.6	2 000	74.0
76.0													11.6	56.1	1 800	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**

**Maximum Operating Wind Speeds
(all boom lengths)**

**10 m/s with 21.3m thru 33.5m Luffing Jib
7 m/s with 36.6m thru 61.0m Luffing Jib
5 m/s with 64.0m thru 73.2m Luffing Jib**

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.	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	
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	16 400	68.8	107.1	15 100							32.0
34.0	63.5	104.9	14 000*	64.9	105.6	15 200	67.0	106.3	14 000							34.0
36.0	61.5	103.9	13 500*	63.0	104.6	14 000	65.1	105.4	12 900	67.2	106.0	11 800				36.0
38.0	59.6	102.7	12 700*	61.0	103.5	13 100	63.2	104.4	11 900	65.3	105.1	10 900				38.0
40.0	57.6	101.5	12 000*	59.1	102.3	12 100	61.3	103.4	11 100	63.4	104.2	10 100				40.0
42.0	55.5	100.1	11 300*	57.0	101.1	11 300	59.3	102.2	10 300	61.5	103.1	9 300				42.0
44.0	53.4	98.7	10 600*	55.0	99.7	10 500	57.3	100.9	9 500	59.5	102.0	8 600				44.0
46.0	51.2	97.1	10 000*	52.8	98.2	9 800	55.2	99.6	8 900	57.5	100.7	7 900	61.1	102.0	6 400	46.0
48.0	49.0	95.4	9 400*	50.7	96.6	9 200	53.1	98.1	8 200	55.4	99.4	7 400	59.1	100.9	5 900	48.0
50.0	46.7	93.6	8 900*	48.4	94.9	8 600	50.9	96.5	7 700	53.3	97.9	6 800	57.1	99.6	5 400	50.0
52.0	44.3	91.6	8 400*	46.1	93.0	8 000	48.7	94.8	7 200	51.1	96.3	6 300	55.0	98.2	5 000	52.0
54.0	41.7	89.5	7 900*	43.6	91.0	7 500	46.3	93.0	6 700	48.9	94.7	5 900	52.9	96.8	4 500	54.0
56.0	39.1	87.1	7 500*	41.1	88.8	7 000	43.9	91.0	6 200	46.6	92.8	5 400	50.7	95.2	4 200	56.0
58.0	36.3	84.5	7 100	38.4	86.3	6 600	41.4	88.8	5 800	44.1	90.8	5 000	48.5	93.4	3 800	58.0
60.0	33.2	81.5	6 700	35.5	83.6	6 100	38.7	86.4	5 400	41.6	88.6	4 700	46.1	91.6	3 400	60.0
62.0	29.9	78.2	6 300	32.4	80.6	5 800	35.8	83.7	5 000	39.0	86.2	4 300	43.7	89.5	3 100	62.0
64.0	26.3	74.4	5 900	29.0	77.2	5 400	32.8	80.7	4 700	36.1	83.6	3 900	41.1	87.3	2 800	64.0
66.0	22.0	69.9	5 500*	25.3	73.3	5 100	29.4	77.4	4 400	33.1	80.7	3 600	38.4	84.9	2 500	66.0
68.0	16.8	64.1	4 700*	20.8	68.5	4 800	25.7	73.5	4 100	29.8	77.4	3 400	35.6	82.2	2 300	68.0
70.0	8.9	55.1	3 600*	15.2	62.2	4 500	21.4	68.8	3 800	26.1	73.5	3 100	32.5	79.2	2 000	70.0
72.0							15.9	62.8	3 500	21.8	69.0	2 900				72.0
74.0										16.5	63.1	2 600				74.0
76.0										8.4	53.8	2 500				76.0



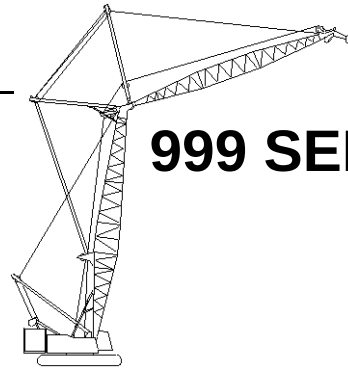
Liftcrane Luffing Jib Capacities

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

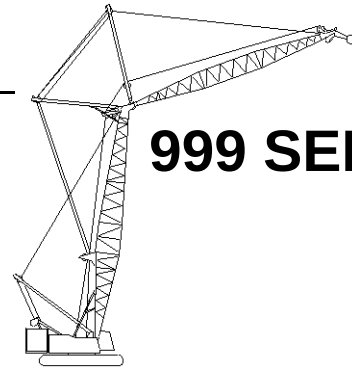
Maximum Operating Wind Speeds
(all boom lengths)

10 m/s with 21.3m thru 33.5m Luffing Jib
7 m/s with 36.6m thru 61.0m Luffing Jib
5 m/s with 64.0m thru 73.2m Luffing Jib



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.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib 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	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	14 800				32.0
34.0	64.7	108.3	12 900*	66.1	108.9	14 900	68.0	109.6	13 600				34.0
36.0	62.9	107.3	12 400*	64.2	108.0	13 700	66.2	108.8	12 600				36.0
38.0	61.0	106.2	11 700*	62.4	107.0	12 700	64.4	107.8	11 600	66.4	108.5	10 600	38.0
40.0	59.1	105.1	11 000*	60.5	105.9	11 800	62.6	106.8	10 800	64.6	107.6	9 700	40.0
42.0	57.2	103.8	10 400*	58.6	104.7	11 000	60.8	105.7	10 000	62.8	106.6	9 000	42.0
44.0	55.2	102.5	9 800*	56.7	103.4	10 200	58.9	104.6	9 300	60.9	105.5	8 300	44.0
46.0	53.2	101.0	9 300*	54.7	102.0	9 500	56.9	103.3	8 600	59.1	104.3	7 700	46.0
48.0	51.1	99.4	8 700*	52.7	100.5	8 900	54.9	101.9	8 000	57.1	103.0	7 100	48.0
50.0	49.0	97.7	8 200*	50.6	98.9	8 300	52.9	100.4	7 400	55.1	101.7	6 600	50.0
52.0	46.8	95.9	7 800*	48.4	97.2	7 700	50.8	98.8	6 900	53.1	100.2	6 000	52.0
54.0	44.5	93.9	7 300*	46.2	95.3	7 200	48.7	97.1	6 400	51.0	98.6	5 600	54.0
56.0	42.1	91.8	6 900*	43.9	93.3	6 800	46.4	95.3	5 900	48.9	97.0	5 200	56.0
58.0	39.6	89.4	6 600*	41.4	91.1	6 300	44.1	93.3	5 500	46.7	95.1	4 700	58.0
60.0	36.9	86.9	6 300*	38.9	88.7	5 900	41.7	91.1	5 100	44.4	93.1	4 400	60.0
62.0	34.1	84.0	6 000*	36.2	86.1	5 500	39.2	88.7	4 800	42.0	91.0	4 000	62.0
64.0	31.0	80.9	5 600	33.3	83.2	5 100	36.5	86.1	4 400	39.4	88.6	3 700	64.0
66.0	27.6	77.3	5 300	30.2	79.9	4 800	33.6	83.2	4 100	36.8	86.0	3 400	66.0
68.0	23.8	73.0	5 000	26.7	76.1	4 500	30.5	80.0	3 800	33.9	83.2	3 100	68.0
70.0	19.3	67.9	4 400*	22.7	71.7	4 200	27.1	76.3	3 500	30.8	80.0	2 800	70.0
72.0	13.3	60.9	3 400*	17.9	66.2	3 900	23.2	72.0	3 300	27.5	76.4	2 600	72.0
74.0				11.3	58.4	3 400*	18.5	66.7	3 000	23.6	72.1	2 300	74.0
76.0							12.2	59.2	2 800	19.1	66.9	2 100	76.0
78.0										13.0	59.8	2 000	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

Maximum Operating Wind Speeds
(all boom lengths)

10 m/s with 21.3m thru 33.5m Luffing Jib
7 m/s with 36.6m thru 61.0m Luffing Jib
5 m/s with 64.0m thru 73.2m Luffing Jib

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.	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	75.1	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	13 200				34.0
36.0	64.1	110.7	11 700*	65.4	111.4	13 400	67.3	112.1	12 100				36.0
38.0	62.3	109.7	11 200*	63.7	110.4	12 300	65.6	111.2	11 200				38.0
40.0	60.6	108.6	10 600*	61.9	109.3	11 400	63.8	110.2	10 400	65.8	110.9	9 300	40.0
42.0	58.7	107.4	10 100*	60.1	108.2	10 600	62.1	109.2	9 500	64.0	110.0	8 600	42.0
44.0	56.9	106.2	9 500*	58.3	107.0	9 800	60.3	108.1	8 900	62.3	109.0	7 900	44.0
46.0	55.0	104.8	9 000*	56.4	105.7	9 200	58.5	106.9	8 200	60.5	107.8	7 300	46.0
48.0	53.0	103.3	8 500*	54.5	104.3	8 500	56.6	105.6	7 600	58.7	106.7	6 700	48.0
50.0	51.0	101.7	8 000*	52.5	102.8	7 900	54.7	104.2	7 000	56.8	105.4	6 200	50.0
52.0	49.0	100.0	7 600*	50.5	101.2	7 300	52.7	102.7	6 500	54.9	104.0	5 700	52.0
54.0	46.9	98.2	7 200*	48.4	99.5	6 900	50.7	101.1	6 000	52.9	102.5	5 200	54.0
56.0	44.7	96.3	6 800*	46.3	97.6	6 400	48.7	99.4	5 600	51.0	101.0	4 800	56.0
58.0	42.4	94.1	6 400	44.1	95.6	5 900	46.5	97.6	5 100	48.9	99.3	4 400	58.0
60.0	40.0	91.8	6 100	41.8	93.4	5 500	44.3	95.6	4 700	46.8	97.4	4 000	60.0
62.0	37.5	89.3	5 600	39.4	91.1	5 100	42.0	93.4	4 400	44.6	95.4	3 700	62.0
64.0	34.8	86.5	5 300	36.8	88.5	4 800	39.6	91.1	4 000	42.3	93.3	3 300	64.0
66.0	31.9	83.4	4 900	34.1	85.7	4 400	37.1	88.6	3 700	39.9	91.0	3 000	66.0
68.0	28.8	80.0	4 600	31.1	82.5	4 100	34.4	85.7	3 400	37.3	88.5	2 700	68.0
70.0	25.3	76.0	4 300	27.9	78.9	3 800	31.5	82.6	3 100	34.7	85.7	2 500	70.0
72.0	21.3	71.3	3 900*	24.3	74.8	3 500	28.3	79.1	2 800	31.8	82.6	2 200	72.0
74.0	16.4	65.3	3 200*	20.1	69.8	3 300	24.8	75.0	2 600	28.6	79.1	2 000	74.0
76.0	9.1	56.2	2 200*	14.8	63.4	3 100	20.6	70.2	2 400				76.0
78.0							15.5	63.9	2 200				78.0



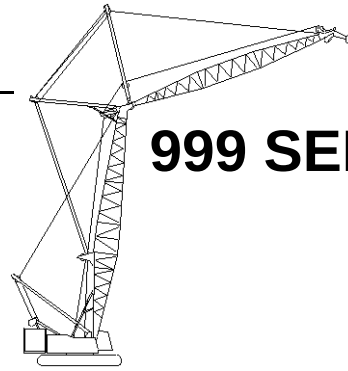
Liftcrane Luffing Jib Capacities

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**

**Maximum Operating Wind Speeds
(all boom lengths)**

**10 m/s with 21.3m thru 33.5m Luffing Jib
7 m/s with 36.6m thru 61.0m Luffing Jib
5 m/s with 64.0m thru 73.2m Luffing Jib**

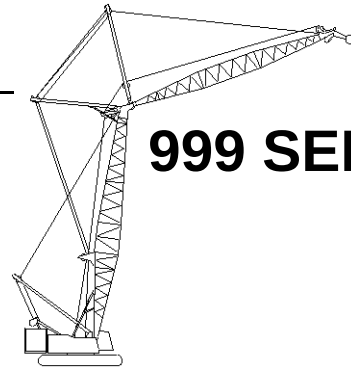


45.7m (150 Ft.) Boom, 21.3m (70 Ft.) Luffing Jib

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 200b	61.3	66.6	45 700b																16.0
18.0	49.4	64.1	42 200	54.9	65.3	40 600	62.4	66.5	38 400b													18.0
20.0	41.7	62.0	38 000	47.9	63.6	36 500	56.1	65.3	34 500b	63.5	66.3	32 500b										20.0
22.0	32.6	59.3	34 500	40.0	61.5	33 100	49.3	63.7	31 200	57.3	65.1	29 400b										22.0
24.0	19.9	55.0	31 000	30.4	58.5	30 400	41.6	61.6	28 500	50.5	63.6	26 800										24.0
26.0							32.4	58.9	26 200	43.0	61.7	24 600	56.9	64.1	22 000b							26.0
28.0							19.7	54.6	24 300	34.2	59.1	22 700	50.1	62.6	20 300							28.0
30.0										22.5	55.2	21 100	42.6	60.6	18 700							30.0
32.0													33.6	58.0	17 400	49.4	61.1	15 400				32.0
34.0													21.6	54.0	16 200	41.7	59.1	14 300				34.0
36.0																32.6	56.4	13 200	48.1	59.3	11 600	36.0
38.0																19.9	52.1	12 200	40.3	57.1	10 600	38.0
40.0																			30.8	54.2	9 800	40.0
42.0																			16.9	49.4	9 000	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 700b	65.2	70.0	44 900b																16.0
18.0	55.3	68.0	41 600	59.8	68.9	39 900	66.1	69.9	37 700b													18.0
20.0	49.3	66.4	37 300	54.1	67.6	35 900	60.8	68.9	33 800b	67.1	69.7	31 900b										20.0
22.0	42.7	64.4	33 700*	48.0	65.9	32 600	55.2	67.6	30 700	61.8	68.7	28 800b										22.0
24.0	35.0	61.8	30 300*	41.2	63.8	29 800	49.2	66.0	28 000	56.3	67.5	26 300										24.0
26.0	25.4	58.3	27 800*	33.3	61.1	27 400	42.6	64.0	25 700	50.4	65.9	24 100	61.5	67.7	21 600b							26.0
28.0				23.0	57.2	25 400	34.9	61.4	23 700	43.8	64.0	22 200	55.9	66.5	19 800							28.0
30.0							25.2	57.8	22 100	36.4	61.5	20 600	50.0	64.9	18 300							30.0
32.0							7.6	50.6	20 700	27.2	58.2	19 200	43.4	62.9	17 000	55.3	65.0	15 000				32.0
34.0													35.9	60.5	15 800	49.3	63.4	13 900				34.0
36.0													26.6	57.0	14 700	42.7	61.5	12 900				36.0
38.0													11.4	50.9	13 600	35.0	58.9	12 000	48.2	61.6	10 400	38.0
40.0																25.4	55.3	11 100	41.5	59.5	9 600	40.0
42.0																			33.6	56.8	8 800	42.0
44.0																			23.4	53.0	8 200	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**

**Maximum Operating Wind Speeds
(all boom lengths)**

**10 m/s with 21.3m thru 33.5m Luffing Jib
7 m/s with 36.6m thru 61.0m Luffing Jib
5 m/s with 64.0m thru 73.2m Luffing Jib**

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.	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	69.6	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	44 000b																16.0
18.0	59.7	71.6	40 300	63.5	72.4	39 100																18.0
20.0	54.6	70.3	36 500	58.7	71.3	35 200	64.4	72.3	33 100b													20.0
22.0	49.3	68.7	32 700*	53.6	69.9	31 900	59.6	71.2	30 000	65.2	72.1	28 300b										22.0
24.0	43.4	66.7	29 200*	48.1	68.2	29 100	54.6	69.9	27 400	60.5	71.1	25 700										24.0
26.0	36.8	64.3	26 400*	42.1	66.2	26 800	49.2	68.3	25 200	55.5	69.8	23 600										26.0
28.0	28.9	61.1	24 300*	35.3	63.6	24 800	43.3	66.3	23 200	50.2	68.2	21 700	60.2	70.1	19 400							28.0
30.0	18.1	56.3	22 900*	27.1	60.2	23 000	36.7	63.9	21 500	44.4	66.3	20 100	55.2	68.8	17 800							30.0
32.0				15.0	54.8	21 600	28.8	60.7	20 000	38.0	64.0	18 600	49.9	67.2	16 500							32.0
34.0							17.9	55.8	18 800	30.4	60.9	17 400	44.1	65.3	15 300	54.6	67.4	13 500				34.0
36.0										20.3	56.5	16 300	37.6	62.9	14 300	49.3	65.7	12 500				36.0
38.0													29.9	59.8	13 400	43.4	63.8	11 600				38.0
40.0													19.6	55.3	12 400	36.8	61.3	10 800	48.3	63.9	9 300	40.0
42.0																29.0	58.1	10 100	42.4	61.8	8 600	42.0
44.0																18.1	53.4	9 300	35.6	59.3	8 000	44.0
46.0																			27.4	55.9	7 400	46.0
48.0																			15.6	50.6	6 800	48.0



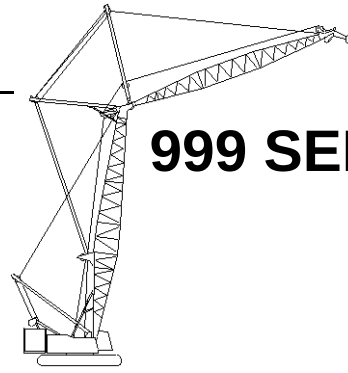
Liftcrane Luffing Jib Capacities

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**

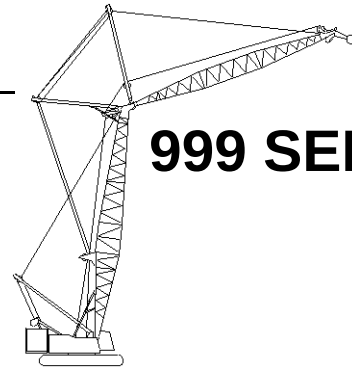
**Maximum Operating Wind Speeds
(all boom lengths)**

**10 m/s with 21.3m thru 33.5m Luffing Jib
7 m/s with 36.6m thru 61.0m Luffing Jib
5 m/s with 64.0m thru 73.2m Luffing Jib**



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	43 000b																16.0
18.0	63.0	75.1	37 900*	66.3	75.8	38 200																18.0
20.0	58.6	74.0	35 400*	62.1	74.8	34 400	67.1	75.7	32 300													20.0
22.0	54.1	72.6	31 700*	57.7	73.6	31 100	62.9	74.7	29 300													22.0
24.0	49.2	71.0	28 500*	53.1	72.2	28 400	58.6	73.6	26 700	63.7	74.5	25 000										24.0
26.0	44.0	69.0	25 600*	48.2	70.5	26 100	54.0	72.2	24 500	59.4	73.4	22 900										26.0
28.0	38.2	66.7	23 300*	42.9	68.5	24 100	49.2	70.6	22 600	54.9	72.1	21 100										28.0
30.0	31.5	63.7	21 300*	36.9	66.0	22 400	43.9	68.6	20 900	50.1	70.5	19 400	59.1	72.4	17 200							30.0
32.0	23.1	59.7	19 900*	30.0	62.9	20 900	38.1	66.3	19 400	44.9	68.6	18 100	54.6	71.1	15 900							32.0
34.0				21.0	58.6	19 600	31.4	63.3	18 100	39.2	66.4	16 800	49.8	69.5	14 700							34.0
36.0							22.9	59.3	17 000	32.7	63.5	15 700	44.6	67.6	13 700	54.1	69.7	11 900				36.0
38.0							8.2	51.7	15 900	24.7	59.8	14 700	38.9	65.3	12 800	49.2	68.0	11 100				38.0
40.0													32.3	62.4	12 000	44.0	66.1	10 300				40.0
42.0													24.1	58.6	11 200	38.2	63.8	9 600	48.4	66.2	8 100	42.0
44.0													11.2	52.0	10 400	31.5	60.8	9 000	43.1	64.2	7 500	44.0
46.0																23.1	56.8	8 300	37.1	61.7	6 900	46.0
48.0																			30.2	58.6	6 400	48.0
50.0																			21.3	54.4	6 000	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**

**Maximum Operating Wind Speeds
(all boom lengths)**

**10 m/s with 21.3m thru 33.5m Luffing Jib
7 m/s with 36.6m thru 61.0m Luffing Jib
5 m/s with 64.0m thru 73.2m Luffing Jib**

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.	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	73.5	80.2	38 400*																			13.7
14.0	73.0	80.1	38 200*																			14.0
16.0	69.3	79.4	37 000*	72.2	79.9	42 300*																16.0
18.0	65.6	78.5	35 200*	68.6	79.1	37 600																18.0
20.0	61.8	77.5	33 900*	64.9	78.2	33 800	69.3	79.0	31 900													20.0
22.0	57.8	76.3	30 800*	61.0	77.2	30 700	65.6	78.1	28 800													22.0
24.0	53.6	74.9	27 800*	57.0	75.9	28 000	61.7	77.1	26 300													24.0
26.0	49.2	73.3	25 100*	52.8	74.5	25 700	57.8	75.9	24 100	62.4	76.9	22 500										26.0
28.0	44.5	71.4	22 700*	48.3	72.8	23 700	53.6	74.5	22 200	58.5	75.8	20 700										28.0
30.0	39.3	69.1	20 700*	43.5	70.8	22 000	49.2	72.9	20 500	54.3	74.4	19 100										30.0
32.0	33.4	66.3	19 000*	38.2	68.5	20 500	44.4	71.0	19 000	50.0	72.8	17 700	58.2	74.8	15 600							32.0
34.0	26.4	62.7	17 700*	32.1	65.5	19 100	39.2	68.7	17 800	45.3	70.9	16 500	54.1	73.4	14 500							34.0
36.0	16.9	57.5	16 900*	24.8	61.7	18 000	33.3	65.9	16 600	40.2	68.7	15 400	49.7	71.8	13 500							36.0
38.0				14.2	55.9	16 900	26.3	62.3	15 600	34.5	66.0	14 400	45.0	69.9	12 600	53.6	72.0	10 800				38.0
40.0							16.7	57.1	14 700	27.7	62.6	13 500	39.9	67.7	11 700	49.2	70.3	10 100				40.0
42.0										18.8	57.8	12 700	34.1	64.9	11 000	44.5	68.4	9 400				42.0
44.0													27.3	61.5	10 300	39.3	66.1	8 800	48.5	68.5	7 300	44.0
46.0													18.2	56.5	9 600	33.4	63.4	8 200	43.6	66.5	6 800	46.0
48.0																26.4	59.8	7 600	38.4	64.1	6 300	48.0
50.0																16.9	54.6	7 100	32.4	61.2	5 800	50.0
52.0																			25.1	57.5	5 400	52.0
54.0																			14.7	51.8	5 000	54.0



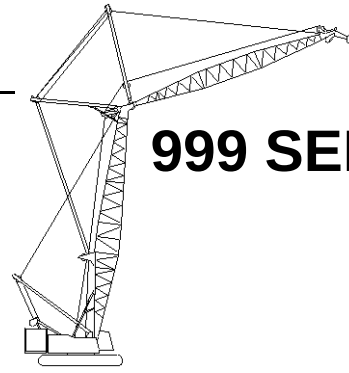
Liftcrane Luffing Jib Capacities

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**

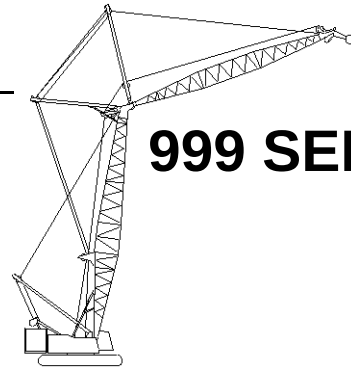
**Maximum Operating Wind Speeds
(all boom lengths)**

**10 m/s with 21.3m thru 33.5m Luffing Jib
7 m/s with 36.6m thru 61.0m Luffing Jib
5 m/s with 64.0m thru 73.2m Luffing Jib**



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*																			13.7
14.0	74.4	83.3	35 200*																			14.0
16.0	71.1	82.6	34 000*																			16.0
18.0	67.8	81.9	32 800*	70.5	82.4	36 800																18.0
20.0	64.3	81.0	32 000*	67.1	81.6	33 100																20.0
22.0	60.8	79.9	29 900*	63.6	80.6	30 000	67.7	81.5	28 100													22.0
24.0	57.1	78.7	27 000*	60.0	79.5	27 400	64.3	80.6	25 600													24.0
26.0	53.3	77.2	24 500*	56.3	78.3	25 100	60.7	79.5	23 400	64.9	80.4	21 900										26.0
28.0	49.2	75.6	22 300*	52.5	76.8	23 100	57.1	78.3	21 600	61.4	79.3	20 100										28.0
30.0	44.9	73.7	20 300*	48.3	75.1	21 400	53.2	76.8	19 900	57.7	78.1	18 500										30.0
32.0	40.2	71.5	18 500*	44.0	73.2	19 900	49.1	75.2	18 500	53.9	76.7	17 200	61.2	78.3	15 100							32.0
34.0	35.0	68.8	17 000*	39.2	70.8	18 600	44.8	73.3	17 200	49.9	75.1	16 000	57.5	77.1	13 900							34.0
36.0	29.0	65.5	15 800*	33.8	68.1	17 400	40.1	71.0	16 100	45.6	73.3	14 900	53.7	75.7	12 900							36.0
38.0	21.4	61.1	15 000*	27.6	64.6	16 300	34.9	68.4	15 100	41.0	71.1	13 900	49.7	74.1	12 000							38.0
40.0				19.5	59.9	15 400	28.9	65.1	14 200	35.9	68.5	13 000	45.4	72.2	11 200	53.3	74.3	9 500				40.0
42.0							21.3	60.7	13 400	30.0	65.4	12 200	40.7	70.0	10 500	49.2	72.6	8 800				42.0
44.0							8.6	52.9	12 500	22.8	61.2	11 500	35.6	67.4	9 800	44.9	70.7	8 200				44.0
46.0													29.7	64.2	9 200	40.2	68.5	7 700	48.5	70.8	6 300	46.0
48.0													22.3	60.0	8 600	35.0	65.9	7 200	44.1	68.8	5 800	48.0
50.0													11.0	53.1	8 000	29.0	62.6	6 700	39.4	66.5	5 400	50.0
52.0																21.4	58.2	6 300	34.0	63.8	5 000	52.0
54.0																			27.8	60.4	4 600	54.0
56.0																			19.9	55.7	4 200	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**

**Maximum Operating Wind Speeds
(all boom lengths)**

**10 m/s with 21.3m thru 33.5m Luffing Jib
7 m/s with 36.6m thru 61.0m Luffing Jib
5 m/s with 64.0m thru 73.2m Luffing Jib**

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.	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	
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	36 000																18.0
20.0	66.4	84.3	29 900*	68.9	84.9	32 400																20.0
22.0	63.2	83.4	28 400*	65.8	84.0	29 300	69.5	84.8	27 500													22.0
24.0	59.9	82.2	26 500*	62.6	83.0	26 800	66.4	83.9	25 000													24.0
26.0	56.5	81.0	24 100*	59.2	81.9	24 500	63.2	83.0	22 900	67.0	83.7	21 400										26.0
28.0	52.9	79.5	21 900*	55.8	80.6	22 600	59.9	81.9	21 100	63.8	82.8	19 600										28.0
30.0	49.2	77.9	20 100*	52.2	79.1	20 900	56.5	80.6	19 400	60.5	81.7	18 100										30.0
32.0	45.2	76.0	18 300*	48.4	77.4	19 400	52.9	79.1	18 100	57.1	80.4	16 700										32.0
34.0	40.9	73.8	16 800*	44.4	75.5	18 100	49.1	77.5	16 800	53.5	79.0	15 500	60.3	80.7	13 500							34.0
36.0	36.2	71.3	15 500*	40.0	73.2	16 900	45.2	75.6	15 600	49.8	77.4	14 400	56.9	79.4	12 500							36.0
38.0	30.9	68.2	14 400*	35.2	70.6	15 800	40.9	73.4	14 600	45.9	75.6	13 500	53.3	78.0	11 600							38.0
40.0	24.6	64.3	13 600*	29.7	67.4	14 900	36.2	70.8	13 700	41.7	73.4	12 600	49.6	76.4	10 800	56.5	78.0	9 100				40.0
42.0	16.0	58.7	13 100*	23.1	63.2	14 100	30.8	67.8	12 900	37.1	71.0	11 800	45.6	74.5	10 100	52.9	76.6	8 400				42.0
44.0				13.6	57.0	13 200	24.5	63.8	12 200	31.9	68.0	11 100	41.4	72.4	9 400	49.2	74.9	7 900				44.0
46.0							15.9	58.2	11 500	25.7	64.2	10 500	36.8	69.9	8 800	45.2	73.1	7 300	52.3	74.8	5 900	46.0
48.0										17.7	59.1	9 800	31.5	66.9	8 300	40.9	70.9	6 800	48.5	73.1	5 400	48.0
50.0													25.3	63.1	7 800	36.2	68.3	6 300	44.5	71.1	5 000	50.0
52.0													17.1	57.8	7 300	30.9	65.2	5 900	40.2	68.9	4 600	52.0
54.0																24.6	61.3	5 500	35.4	66.3	4 300	54.0
56.0																16.0	55.8	5 100	29.9	63.1	3 900	56.0
58.0																			23.4	59.0	3 700	58.0
60.0																			14.1	52.9	3 400	60.0



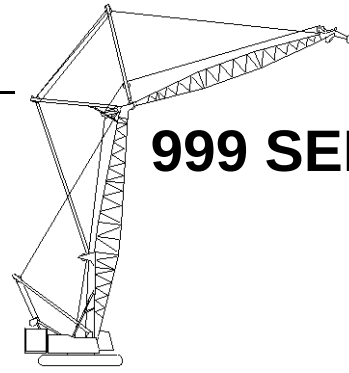
Liftcrane Luffing Jib Capacities

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**

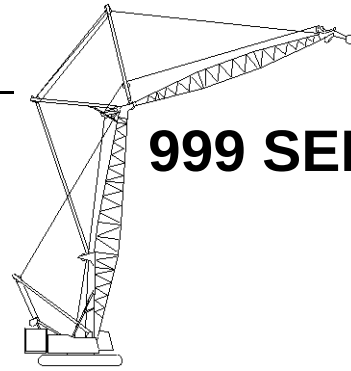
**Maximum Operating Wind Speeds
(all boom lengths)**

**10 m/s with 21.3m thru 33.5m Luffing Jib
7 m/s with 36.6m thru 61.0m Luffing Jib
5 m/s with 64.0m thru 73.2m Luffing Jib**



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.	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	
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	31 900																20.0
22.0	65.3	86.8	27 000*	67.6	87.4	28 900																22.0
24.0	62.3	85.7	25 600*	64.7	86.5	26 400	68.2	87.3	24 700													24.0
26.0	59.2	84.6	23 400*	61.7	85.4	24 200	65.2	86.4	22 600													26.0
28.0	56.0	83.3	21 400*	58.5	84.2	22 300	62.2	85.4	20 800	65.8	86.1	19 300										28.0
30.0	52.7	81.8	19 600*	55.3	82.9	20 600	59.1	84.2	19 200	62.8	85.2	17 800										30.0
32.0	49.2	80.2	18 000*	52.0	81.4	19 100	55.9	82.9	17 800	59.7	84.0	16 400										32.0
34.0	45.5	78.3	16 500*	48.4	79.7	17 800	52.6	81.4	16 500	56.5	82.8	15 200										34.0
36.0	41.6	76.2	15 200*	44.7	77.8	16 600	49.1	79.8	15 400	53.2	81.3	14 200	59.5	83.0	12 200							36.0
38.0	37.3	73.7	14 100*	40.7	75.6	15 600	45.4	77.9	14 400	49.8	79.7	13 200	56.3	81.8	11 300							38.0
40.0	32.5	70.8	13 100*	36.3	73.0	14 600	41.5	75.8	13 400	46.1	77.9	12 400	53.0	80.3	10 600							40.0
42.0	27.0	67.2	12 400*	31.5	70.0	13 800	37.2	73.3	12 600	42.2	75.8	11 500	49.6	78.7	9 800	56.0	80.4	8 200				42.0
44.0	20.2	62.5	11 800*	25.8	66.2	13 000	32.4	70.3	11 900	38.0	73.4	10 800	45.9	76.8	9 200	52.7	78.9	7 600				44.0
46.0				18.5	61.2	12 300	26.9	66.8	11 200	33.4	70.5	10 200	42.0	74.7	8 600	49.2	77.2	7 000				46.0
48.0							20.0	62.0	10 600	28.0	67.1	9 600	37.8	72.3	8 000	45.5	75.4	6 600				48.0
50.0							8.9	54.0	10 000	21.4	62.6	9 100	33.1	69.4	7 500	41.6	73.2	6 100	48.6	75.4	4 800	50.0
52.0													27.7	65.9	7 100	37.3	70.7	5 700	44.8	73.4	4 400	52.0
54.0													21.0	61.4	6 700	32.5	67.8	5 300	40.9	71.2	4 000	54.0
56.0													10.9	54.1	6 200	27.0	64.2	4 900	36.5	68.7	3 700	56.0
58.0																20.2	59.5	4 600	31.6	65.7	3 400	58.0
60.0																			26.0	62.0	3 100	60.0
62.0																			18.8	57.0	2 900	62.0
64.0																			5.2	47.1	2 600	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**

**Maximum Operating Wind Speeds
(all boom lengths)**

**10 m/s with 21.3m thru 33.5m Luffing Jib
7 m/s with 36.6m thru 61.0m Luffing Jib
5 m/s with 64.0m thru 73.2m Luffing Jib**

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.	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	
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	31 300																20.0
22.0	67.0	90.1	25 100*	69.2	90.6	28 500																22.0
24.0	64.3	89.2	24 200*	66.5	89.8	26 000																24.0
26.0	61.5	88.1	22 700*	63.7	88.9	23 800	67.0	89.7	22 200													26.0
28.0	58.5	86.9	20 900*	60.9	87.8	21 900	64.2	88.8	20 400													28.0
30.0	55.5	85.6	19 200*	57.9	86.6	20 300	61.4	87.7	18 800	64.7	88.6	17 500										30.0
32.0	52.4	84.1	17 600*	54.9	85.2	18 800	58.5	86.6	17 500	61.9	87.5	16 100										32.0
34.0	49.2	82.5	16 300*	51.8	83.7	17 500	55.5	85.2	16 200	59.0	86.4	14 900										34.0
36.0	45.7	80.6	15 000*	48.5	82.0	16 300	52.4	83.8	15 100	56.0	85.1	13 900										36.0
38.0	42.1	78.5	13 900*	45.0	80.1	15 300	49.1	82.1	14 100	52.9	83.6	12 900	58.9	85.4	11 100							38.0
40.0	38.2	76.1	12 900*	41.3	77.9	14 300	45.7	80.2	13 200	49.7	82.0	12 100	55.9	84.1	10 300							40.0
42.0	33.8	73.3	12 000*	37.3	75.4	13 500	42.0	78.1	12 400	46.3	80.2	11 300	52.8	82.6	9 600							42.0
44.0	29.0	69.9	11 300*	32.9	72.5	12 700	38.1	75.7	11 600	42.7	78.1	10 600	49.5	81.0	8 900	55.5	82.7	7 400				44.0
46.0	23.1	65.8	10 800*	27.9	69.1	12 000	33.8	72.9	10 900	38.8	75.8	9 900	46.1	79.1	8 300	52.4	81.2	6 800				46.0
48.0	15.3	59.9	10 400*	21.8	64.6	11 300	28.9	69.5	10 300	34.6	73.0	9 300	42.5	77.1	7 800	49.2	79.5	6 300				48.0
50.0				13.2	58.1	10 700	23.1	65.3	9 800	29.8	69.8	8 800	38.6	74.7	7 300	45.7	77.7	5 900				50.0
52.0							15.2	59.4	9 200	24.2	65.8	8 300	34.3	71.9	6 800	42.1	75.6	5 400	48.6	77.7	4 100	52.0
54.0										16.9	60.3	7 900	29.5	68.7	6 400	38.2	73.1	5 000	45.1	75.8	3 800	54.0
56.0													23.8	64.6	6 000	33.8	70.3	4 700	41.4	73.6	3 500	56.0
58.0													16.4	59.0	5 600	29.0	67.0	4 400	37.5	71.1	3 200	58.0
60.0																23.1	62.8	4 100	33.1	68.2	2 900	60.0
62.0																15.3	56.9	3 800	28.1	64.8	2 600	62.0
64.0																			22.0	60.4	2 400	64.0
66.0																			13.6	54.0	2 200	66.0



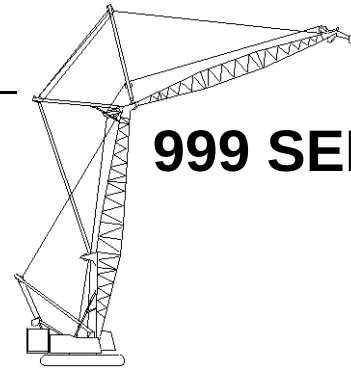
Liftcrane Luffing Jib Capacities

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**

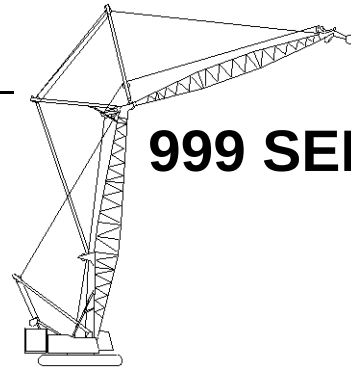
**Maximum Operating Wind Speeds
(all boom lengths)**

**10 m/s with 21.3m thru 33.5m Luffing Jib
7 m/s with 36.6m thru 61.0m Luffing Jib
5 m/s with 64.0m thru 73.2m Luffing Jib**



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	28 100																22.0
24.0	66.0	92.5	22 700*	68.0	93.1	25 400																24.0
26.0	63.4	91.6	21 900*	65.5	92.2	23 300	68.5	93.0	21 600													26.0
28.0	60.7	90.5	20 300*	62.9	91.3	21 400	66.0	92.2	19 900													28.0
30.0	58.0	89.3	18 700*	60.2	90.2	19 700	63.4	91.2	18 300	66.4	91.9	16 900										30.0
32.0	55.1	87.9	17 300*	57.4	88.9	18 300	60.7	90.1	16 900	63.8	91.0	15 600										32.0
34.0	52.2	86.5	16 000*	54.6	87.5	17 000	57.9	88.9	15 700	61.2	89.9	14 400										34.0
36.0	49.2	84.8	14 800*	51.6	86.0	15 800	55.1	87.6	14 600	58.4	88.7	13 400										36.0
38.0	45.9	82.9	13 700*	48.5	84.3	14 800	52.2	86.1	13 600	55.6	87.4	12 500	61.0	88.9	10 600							38.0
40.0	42.5	80.8	12 700*	45.3	82.4	13 800	49.1	84.4	12 700	52.7	85.9	11 600	58.3	87.7	9 800							40.0
42.0	38.9	78.5	11 800*	41.8	80.3	13 000	45.9	82.5	11 900	49.7	84.3	10 800	55.5	86.4	9 100							42.0
44.0	35.0	75.8	11 000*	38.1	77.9	12 200	42.5	80.4	11 100	46.5	82.5	10 100	52.5	84.9	8 500							44.0
46.0	30.6	72.6	10 400*	34.1	75.1	11 500	38.9	78.1	10 500	43.1	80.4	9 500	49.5	83.3	7 900	55.1	85.0	6 400				46.0
48.0	25.5	68.8	9 800*	29.6	71.8	10 900	34.9	75.4	9 800	39.5	78.1	8 900	46.3	81.5	7 300	52.2	83.5	5 800				48.0
50.0	19.2	63.8	9 500*	24.3	67.8	10 300	30.5	72.2	9 300	35.6	75.5	8 300	42.9	79.4	6 800	49.2	81.8	5 400				50.0
52.0				17.6	62.4	9 800	25.4	68.3	8 800	31.3	72.4	7 800	39.3	77.1	6 400	45.9	80.0	5 000	51.7	81.7	3 700	52.0
54.0							19.1	63.3	8 300	26.4	68.7	7 400	35.4	74.4	6 000	42.5	77.9	4 600	48.6	80.0	3 300	54.0
56.0							9.0	55.1	7 800	20.3	64.0	7 000	31.1	71.3	5 600	38.9	75.5	4 200	45.4	78.1	3 000	56.0
58.0													26.1	67.5	5 200	35.0	72.8	3 900	42.0	75.9	2 700	58.0
60.0													19.9	62.7	4 900	30.6	69.7	3 600	38.3	73.5	2 500	60.0
62.0													10.8	55.2	4 600	25.5	65.8	3 400	34.3	70.8	2 200	62.0
64.0																19.2	60.9	3 100	29.8	67.5	1 900	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**

**Maximum Operating Wind Speeds
(all boom lengths)**

**10 m/s with 21.3m thru 33.5m Luffing Jib
7 m/s with 36.6m thru 61.0m Luffing Jib
5 m/s with 64.0m thru 73.2m Luffing Jib**

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.	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	
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	25 000																24.0
26.0	65.1	95.0	20 700*	67.0	95.6	22 800	69.8	96.3	21 100													26.0
28.0	62.6	94.0	19 800*	64.6	94.7	20 900	67.5	95.5	19 400													28.0
30.0	60.1	92.9	18 400*	62.1	93.7	19 300	65.0	94.6	17 900													30.0
32.0	57.5	91.6	17 100*	59.5	92.5	17 900	62.6	93.6	16 500	65.5	94.4	15 100										32.0
34.0	54.8	90.3	15 800*	56.9	91.3	16 600	60.0	92.5	15 300	63.0	93.4	14 000										34.0
36.0	52.0	88.8	14 600*	54.2	89.9	15 400	57.4	91.2	14 200	60.5	92.3	13 000										36.0
38.0	49.1	87.1	13 600*	51.4	88.3	14 400	54.8	89.9	13 200	57.9	91.1	12 100										38.0
40.0	46.1	85.2	12 700*	48.5	86.6	13 500	52.0	88.4	12 300	55.2	89.7	11 200	60.3	91.3	9 400							40.0
42.0	42.9	83.2	11 800*	45.5	84.7	12 600	49.1	86.7	11 500	52.5	88.3	10 400	57.8	90.1	8 700							42.0
44.0	39.6	80.9	11 000*	42.3	82.6	11 800	46.1	84.8	10 800	49.6	86.6	9 700	55.1	88.7	8 100							44.0
46.0	35.9	78.2	10 200*	38.8	80.2	11 100	42.9	82.8	10 100	46.6	84.8	9 100	52.3	87.2	7 500	57.5	88.7	6 000				46.0
48.0	31.9	75.2	9 700*	35.1	77.5	10 500	39.5	80.4	9 500	43.5	82.8	8 500	49.5	85.6	7 000	54.8	87.3	5 500				48.0
50.0	27.4	71.6	9 200*	31.0	74.4	9 900	35.9	77.8	8 900	40.1	80.5	8 000	46.5	83.8	6 500	52.0	85.8	5 000				50.0
52.0	22.0	67.2	8 800*	26.4	70.7	9 300	31.8	74.8	8 400	36.5	77.9	7 500	43.3	81.7	6 000	49.1	84.1	4 600				52.0
54.0	14.8	61.0	8 400*	20.7	66.0	8 900	27.3	71.2	7 900	32.6	75.0	7 000	39.9	79.4	5 600	46.1	82.3	4 200	51.5	84.0	3 000	54.0
56.0				12.9	59.2	8 400	21.9	66.7	7 500	28.2	71.5	6 600	36.3	76.8	5 200	43.0	80.2	3 900	48.6	82.3	2 700	56.0
58.0							14.7	60.5	7 100	23.0	67.2	6 200	32.4	73.9	4 800	39.6	77.9	3 600	45.6	80.4	2 400	58.0
60.0										16.2	61.5	5 900	27.9	70.4	4 500	35.9	75.3	3 300	42.4	78.3	2 100	60.0
62.0													22.6	66.0	4 200	31.9	72.3	3 000	39.0	75.9	1 800	62.0
64.0													15.7	60.1	4 000	27.4	68.7	2 700				64.0
66.0																22.0	64.2	2 500				66.0
68.0																14.8	58.1	2 300				68.0



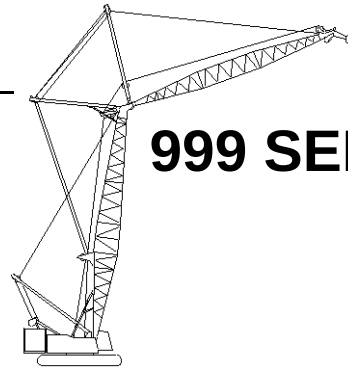
Liftcrane Luffing Jib Capacities

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**

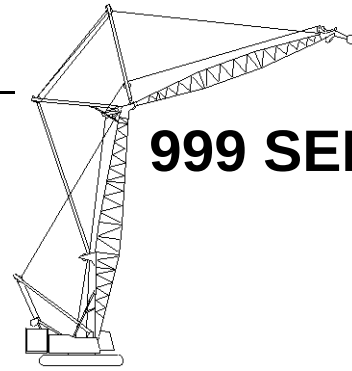
**Maximum Operating Wind Speeds
(all boom lengths)**

**10 m/s with 21.3m thru 33.5m Luffing Jib
7 m/s with 36.6m thru 61.0m Luffing Jib
5 m/s with 64.0m thru 73.2m Luffing Jib**



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.	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	75.1	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	22 500													26.0
28.0	64.2	97.4	18 700*	66.1	98.0	20 700	68.8	98.8	19 200										28.0
30.0	61.9	96.4	17 800*	63.8	97.1	19 100	66.5	97.9	17 700										30.0
32.0	59.5	95.2	16 600*	61.4	96.0	17 700	64.2	97.0	16 300	66.9	97.7	15 000							32.0
34.0	57.0	94.0	15 400*	59.0	94.9	16 400	61.9	96.0	15 100	64.6	96.8	13 800							34.0
36.0	54.5	92.6	14 300*	56.5	93.6	15 300	59.5	94.8	14 000	62.3	95.8	12 800							36.0
38.0	51.9	91.1	13 300*	54.0	92.2	14 200	57.0	93.6	13 100	59.9	94.7	11 900							38.0
40.0	49.1	89.4	12 400*	51.3	90.6	13 300	54.4	92.2	12 200	57.4	93.4	11 000	62.1	94.8	9 300				40.0
42.0	46.3	87.5	11 600*	48.6	88.9	12 400	51.8	90.7	11 400	54.9	92.1	10 300	59.7	93.7	8 600				42.0
44.0	43.3	85.5	10 800*	45.7	87.0	11 700	49.1	89.0	10 600	52.3	90.6	9 600	57.3	92.4	7 900				44.0
46.0	40.1	83.2	10 100*	42.7	84.9	11 000	46.3	87.1	9 900	49.6	88.9	8 900	54.8	91.1	7 400				46.0
48.0	36.8	80.7	9 500*	39.5	82.6	10 300	43.3	85.1	9 300	46.8	87.1	8 400	52.1	89.5	6 800	57.0	91.0	5 300	48.0
50.0	33.1	77.8	8 900*	36.0	80.0	9 700	40.1	82.8	8 700	43.8	85.1	7 800	49.4	87.9	6 300	54.5	89.6	4 900	50.0
52.0	29.0	74.4	8 500*	32.3	77.0	9 200	36.7	80.3	8 200	40.7	82.9	7 300	46.6	86.1	5 900	51.9	88.1	4 500	52.0
54.0	24.2	70.3	8 100*	28.1	73.5	8 600	33.0	77.3	7 700	37.3	80.4	6 800	43.6	84.0	5 400	49.1	86.4	4 100	54.0
56.0	18.4	65.1	7 900*	23.1	69.2	8 200	28.9	73.9	7 300	33.7	77.5	6 400	40.5	81.8	5 000	46.3	84.6	3 700	56.0
58.0				16.9	63.6	7 800	24.1	69.9	6 900	29.7	74.2	6 000	37.1	79.3	4 700	43.3	82.6	3 400	58.0
60.0							18.3	64.6	6 500	25.1	70.3	5 700	33.5	76.4	4 300	40.1	80.3	3 100	60.0
62.0							9.2	56.1	6 200	19.5	65.3	5 300	29.4	73.1	4 000	36.8	77.7	2 800	62.0
64.0										11.4	57.8	5 100	24.8	69.1	3 800	33.1	74.8	2 500	64.0
66.0													19.1	64.0	3 500	29.0	71.4	2 300	66.0
68.0													10.7	56.3	3 300	24.2	67.4	2 100	68.0
70.0																18.4	62.1	1 900	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**

**Maximum Operating Wind Speeds
(all boom lengths)**

**10 m/s with 21.3m thru 33.5m Luffing Jib
7 m/s with 36.6m thru 61.0m Luffing Jib
5 m/s with 64.0m thru 73.2m Luffing Jib**

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	20 400	70.0	102.0	18 800										28.0
30.0	63.5	99.8	17 000*	65.3	100.5	18 800	67.8	101.3	17 300										30.0
32.0	61.3	98.7	16 100*	63.0	99.5	17 400	65.7	100.4	16 000										32.0
34.0	59.0	97.6	15 000*	60.8	98.4	16 100	63.5	99.4	14 800	66.1	100.2	13 500							34.0
36.0	56.6	96.3	14 000*	58.5	97.2	15 000	61.2	98.4	13 800	63.9	99.2	12 500							36.0
38.0	54.2	94.9	13 100*	56.1	95.9	14 000	58.9	97.2	12 800	61.6	98.2	11 600							38.0
40.0	51.7	93.4	12 200*	53.7	94.5	13 000	56.6	95.9	11 900	59.4	97.0	10 800							40.0
42.0	49.1	91.7	11 400*	51.2	92.9	12 200	54.2	94.5	11 100	57.0	95.8	10 000	61.5	97.2	8 300				42.0
44.0	46.4	89.8	10 700*	48.6	91.2	11 400	51.7	93.0	10 400	54.6	94.4	9 400	59.2	96.0	7 700				44.0
46.0	43.6	87.8	10 000*	45.9	89.3	10 700	49.1	91.3	9 700	52.1	92.9	8 700	56.9	94.8	7 100				46.0
48.0	40.6	85.6	9 400*	43.0	87.3	10 000	46.4	89.4	9 100	49.6	91.2	8 100	54.5	93.4	6 600				48.0
50.0	37.5	83.1	8 800*	40.0	85.0	9 500	43.6	87.4	8 500	46.9	89.4	7 600	52.0	91.8	6 100				50.0
52.0	34.1	80.3	8 300*	36.8	82.4	8 900	40.6	85.2	8 000	44.1	87.4	7 100	49.4	90.2	5 600	54.2	92.0	4 300	52.0
54.0	30.3	77.0	7 900*	33.3	79.5	8 400	37.4	82.7	7 500	41.2	85.2	6 600	46.7	88.4	5 200	51.7	90.4	3 900	54.0
56.0	26.1	73.2	7 500*	29.5	76.2	7 900	34.0	79.9	7 000	38.0	82.8	6 200	43.9	86.4	4 800	49.1	88.7	3 500	56.0
58.0	21.0	68.6	7 300*	25.1	72.3	7 500	30.3	76.6	6 600	34.7	80.0	5 800	41.0	84.1	4 500	46.4	86.9	3 200	58.0
60.0	14.4	62.2	6 900*	19.9	67.3	7 100	26.0	72.8	6 200	31.0	76.8	5 400	37.8	81.7	4 100	43.6	84.9	2 900	60.0
62.0				12.6	60.3	6 600	21.0	68.1	5 900	26.8	73.2	5 100	34.4	78.9	3 800	40.7	82.6	2 600	62.0
64.0							14.3	61.7	5 600	21.9	68.7	4 800	30.7	75.7	3 500	37.5	80.1	2 400	64.0
66.0										15.7	62.7	4 500	26.6	72.0	3 300	34.1	77.3	2 100	66.0
68.0													21.6	67.4	3 000	30.3	74.1	1 900	68.0
70.0													15.2	61.3	2 800				70.0



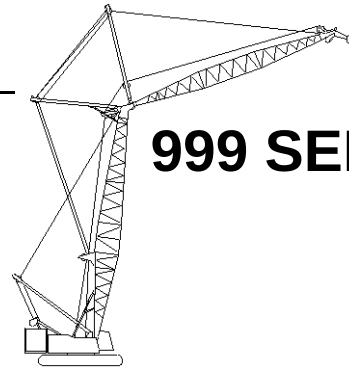
Liftcrane Luffing Jib Capacities

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**

**Maximum Operating Wind Speeds
(all boom lengths)**

**10 m/s with 21.3m thru 33.5m Luffing Jib
7 m/s with 36.6m thru 61.0m Luffing Jib
5 m/s with 64.0m thru 73.2m Luffing Jib**



45.7m (150 Ft.) Boom, 61.0m (200 Ft.) Luffing Jib

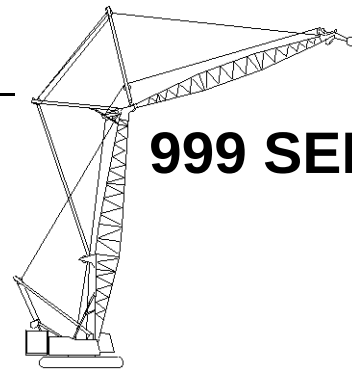
Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	
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	19 400										28.0
30.0	64.9	103.2	15 900*	66.6	103.8	18 300	69.0	104.5	16 800							30.0
32.0	62.8	102.2	15 500*	64.5	102.9	16 900	67.0	103.7	15 500							32.0
34.0	60.7	101.1	14 600*	62.4	101.9	15 600	64.9	102.8	14 300	67.3	103.5	13 100				34.0
36.0	58.5	99.9	13 600*	60.2	100.8	14 500	62.8	101.8	13 300	65.3	102.6	12 100				36.0
38.0	56.2	98.6	12 700*	58.0	99.6	13 500	60.6	100.7	12 300	63.2	101.6	11 200				38.0
40.0	53.9	97.2	12 000*	55.8	98.2	12 600	58.5	99.5	11 500	61.0	100.5	10 300				40.0
42.0	51.6	95.7	11 200*	53.5	96.8	11 800	56.2	98.2	10 700	58.9	99.4	9 600				42.0
44.0	49.1	94.0	10 500*	51.1	95.2	11 000	53.9	96.8	10 000	56.6	98.1	8 900	60.9	99.5	7 300	44.0
46.0	46.6	92.2	9 800*	48.6	93.5	10 300	51.5	95.3	9 300	54.3	96.7	8 300	58.7	98.4	6 700	46.0
48.0	43.9	90.1	9 200*	46.0	91.6	9 700	49.1	93.6	8 700	52.0	95.2	7 700	56.5	97.1	6 100	48.0
50.0	41.1	87.9	8 700*	43.3	89.6	9 100	46.5	91.8	8 100	49.5	93.5	7 100	54.2	95.7	5 600	50.0
52.0	38.1	85.5	8 200*	40.5	87.3	8 500	43.9	89.7	7 600	47.0	91.7	6 700	51.8	94.2	5 200	52.0
54.0	34.9	82.7	7 700*	37.5	84.8	8 000	41.1	87.5	7 100	44.4	89.7	6 200	49.4	92.5	4 800	54.0
56.0	31.5	79.6	7 300*	34.3	82.0	7 500	38.1	85.1	6 600	41.6	87.6	5 800	46.8	90.7	4 400	56.0
58.0	27.6	76.1	7 000*	30.7	78.9	7 100	34.9	82.3	6 200	38.6	85.1	5 400	44.2	88.7	4 100	58.0
60.0	23.2	71.8	6 700*	26.8	75.2	6 700	31.4	79.2	5 800	35.5	82.5	5 000	41.4	86.5	3 700	60.0
62.0	17.7	66.3	6 400*	22.2	70.7	6 300	27.6	75.6	5 500	32.1	79.4	4 700	38.5	84.1	3 400	62.0
64.0	9.5	57.8	5 300*	16.4	64.8	6 000	23.1	71.3	5 200	28.3	75.9	4 400	35.3	81.4	3 100	64.0
66.0							17.6	65.8	4 900	24.0	71.8	4 100	31.9	78.3	2 800	66.0
68.0							9.3	57.2	4 600	18.7	66.6	3 800	28.1	74.8	2 600	68.0
70.0										11.3	58.9	3 600	23.7	70.6	2 400	70.0
72.0													18.4	65.3	2 100	72.0
74.0													10.7	57.4	2 000	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**

**Maximum Operating Wind Speeds
(all boom lengths)**

**10 m/s with 21.3m thru 33.5m Luffing Jib
7 m/s with 36.6m thru 61.0m Luffing Jib
5 m/s with 64.0m thru 73.2m Luffing Jib**



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



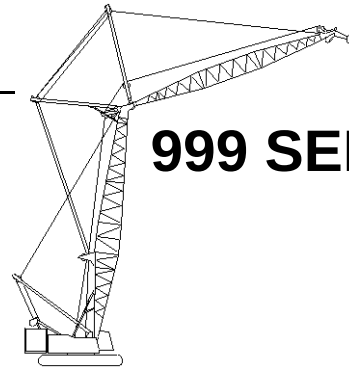
Liftcrane Luffing Jib Capacities

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

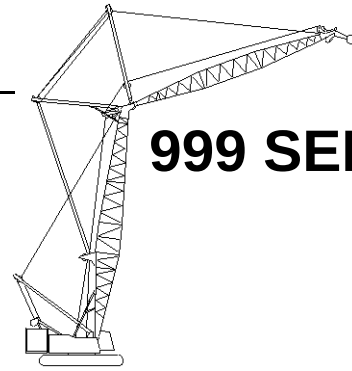
Maximum Operating Wind Speeds
(all boom lengths)

10 m/s with 21.3m thru 33.5m Luffing Jib
7 m/s with 36.6m thru 61.0m Luffing Jib
5 m/s with 64.0m thru 73.2m Luffing Jib



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	14 600				32.0
34.0	63.6	108.0	13 200*	65.1	108.7	14 800	67.3	109.5	13 500				34.0
36.0	61.6	107.0	12 800*	63.2	107.7	13 700	65.4	108.6	12 400				36.0
38.0	59.7	105.8	12 100*	61.2	106.6	12 700	63.5	107.6	11 500	65.8	108.4	10 300	38.0
40.0	57.7	104.6	11 300*	59.3	105.5	11 800	61.6	106.6	10 700	63.9	107.4	9 600	40.0
42.0	55.6	103.3	10 700*	57.3	104.2	11 000	59.6	105.4	9 900	62.0	106.4	8 800	42.0
44.0	53.5	101.8	10 100*	55.2	102.9	10 200	57.6	104.2	9 200	60.0	105.3	8 100	44.0
46.0	51.3	100.3	9 500*	53.1	101.4	9 600	55.6	102.9	8 500	58.0	104.1	7 500	46.0
48.0	49.1	98.6	8 900*	50.9	99.8	8 900	53.5	101.4	7 900	56.0	102.7	7 000	48.0
50.0	46.8	96.8	8 400*	48.6	98.1	8 300	51.3	99.9	7 400	53.9	101.3	6 400	50.0
52.0	44.4	94.8	7 900*	46.3	96.3	7 800	49.1	98.2	6 800	51.7	99.8	5 900	52.0
54.0	41.9	92.6	7 500*	43.9	94.2	7 300	46.8	96.4	6 400	49.5	98.1	5 500	54.0
56.0	39.2	90.3	7 100*	41.3	92.0	6 800	44.4	94.4	5 900	47.2	96.3	5 100	56.0
58.0	36.4	87.6	6 700*	38.7	89.6	6 400	41.8	92.2	5 500	44.8	94.4	4 700	58.0
60.0	33.4	84.7	6 400*	35.8	87.0	6 000	39.2	89.8	5 100	42.3	92.2	4 300	60.0
62.0	30.1	81.5	6 100	32.8	84.0	5 600	36.4	87.2	4 800	39.7	89.9	4 000	62.0
64.0	26.5	77.7	5 700	29.4	80.6	5 200	33.4	84.3	4 400	36.9	87.3	3 600	64.0
66.0	22.3	73.2	5 300*	25.7	76.8	4 900	30.1	81.0	4 100	33.9	84.5	3 300	66.0
68.0	17.1	67.5	4 800*	21.3	72.1	4 600	26.4	77.3	3 800	30.7	81.3	3 100	68.0
70.0	9.5	58.9	3 700*	15.9	66.0	4 300	22.2	72.8	3 500	27.1	77.6	2 800	70.0
72.0							17.1	67.1	3 300	23.0	73.3	2 600	72.0
74.0							9.4	58.3	3 100	18.1	67.8	2 400	74.0
76.0										11.2	60.0	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

Maximum Operating Wind Speeds
(all boom lengths)

10 m/s with 21.3m thru 33.5m Luffing Jib
7 m/s with 36.6m thru 61.0m Luffing Jib
5 m/s with 64.0m thru 73.2m Luffing Jib

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.	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	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	14 300				32.0
34.0	64.8	111.4	12 200*	66.2	112.1	14 400	68.4	112.8	13 100				34.0
36.0	63.0	110.4	11 700*	64.4	111.1	13 400	66.6	112.0	12 100				36.0
38.0	61.1	109.4	11 100*	62.6	110.1	12 400	64.8	111.0	11 200				38.0
40.0	59.2	108.2	10 400*	60.7	109.0	11 500	63.0	110.0	10 400	65.1	110.8	9 200	40.0
42.0	57.3	106.9	9 800*	58.8	107.8	10 700	61.1	109.0	9 600	63.3	109.8	8 500	42.0
44.0	55.3	105.6	9 300*	56.9	106.6	10 000	59.2	107.8	8 900	61.4	108.8	7 900	44.0
46.0	53.3	104.1	8 700*	54.9	105.2	9 200	57.3	106.5	8 200	59.6	107.6	7 200	46.0
48.0	51.2	102.6	8 300*	52.9	103.7	8 600	55.3	105.2	7 600	57.6	106.4	6 700	48.0
50.0	49.1	100.9	7 800*	50.8	102.1	8 000	53.3	103.7	7 100	55.7	105.1	6 200	50.0
52.0	46.9	99.1	7 400*	48.7	100.4	7 500	51.2	102.2	6 600	53.7	103.6	5 700	52.0
54.0	44.6	97.1	6 900*	46.4	98.6	7 000	49.1	100.5	6 100	51.6	102.1	5 200	54.0
56.0	42.2	95.0	6 500*	44.1	96.6	6 500	46.9	98.7	5 700	49.5	100.4	4 800	56.0
58.0	39.7	92.6	6 200*	41.7	94.4	6 100	44.6	96.7	5 200	47.3	98.6	4 400	58.0
60.0	37.0	90.1	5 900*	39.2	92.0	5 700	42.2	94.6	4 800	45.0	96.7	4 000	60.0
62.0	34.2	87.2	5 700*	36.5	89.4	5 300	39.7	92.2	4 500	42.6	94.6	3 700	62.0
64.0	31.2	84.1	5 400*	33.6	86.5	4 900	37.0	89.7	4 100	40.1	92.3	3 400	64.0
66.0	27.8	80.5	5 100*	30.5	83.3	4 600	34.2	86.8	3 800	37.5	89.7	3 100	66.0
68.0	24.0	76.3	4 700*	27.1	79.6	4 300	31.1	83.7	3 500	34.7	87.0	2 800	68.0
70.0	19.5	71.2	4 400*	23.2	75.3	4 000	27.8	80.1	3 300	31.7	83.9	2 500	70.0
72.0	13.7	64.4	3 500*	18.5	69.9	3 800	24.0	75.9	3 000	28.4	80.4	2 300	72.0
74.0				12.2	62.5	3 400	19.5	70.8	2 800	24.7	76.3	2 100	74.0
76.0							13.6	63.9	2 600	20.4	71.4	1 900	76.0



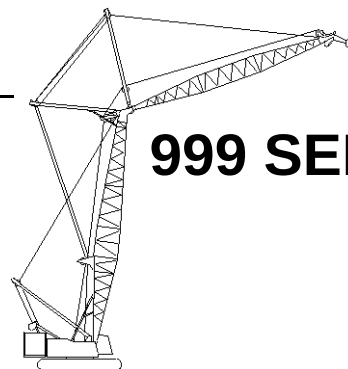
Liftcrane Luffing Jib Capacities

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

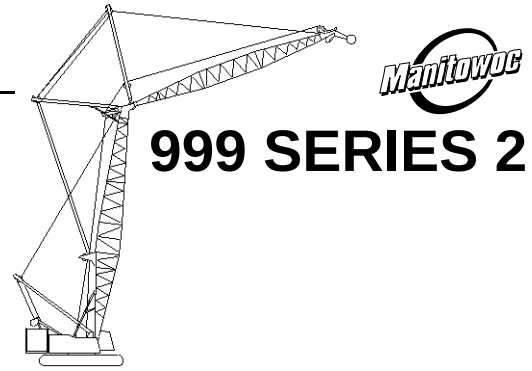
Maximum Operating Wind Speeds
(all boom lengths)

10 m/s with 21.3m thru 33.5m Luffing Jib
7 m/s with 36.6m thru 61.0m Luffing Jib
5 m/s with 64.0m thru 73.2m Luffing Jib



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.	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	75.2	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	12 700				34.0
36.0	64.2	113.8	11 100*	65.6	114.5	13 000	67.6	115.3	11 700				36.0
38.0	62.4	112.8	10 600*	63.8	113.5	12 000	65.9	114.4	10 700				38.0
40.0	60.7	111.7	10 000*	62.1	112.5	11 100	64.2	113.5	9 900	66.2	114.2	8 800	40.0
42.0	58.8	110.5	9 500*	60.3	111.4	10 300	62.4	112.4	9 200	64.5	113.2	8 100	42.0
44.0	57.0	109.3	9 000*	58.5	110.2	9 500	60.6	111.3	8 500	62.7	112.2	7 400	44.0
46.0	55.1	107.9	8 500*	56.6	108.9	8 900	58.8	110.2	7 800	61.0	111.2	6 800	46.0
48.0	53.1	106.4	8 000*	54.7	107.5	8 200	57.0	108.9	7 300	59.1	110.0	6 300	48.0
50.0	51.1	104.9	7 600*	52.7	106.0	7 700	55.1	107.5	6 700	57.3	108.7	5 700	50.0
52.0	49.1	103.2	7 200*	50.7	104.4	7 100	53.1	106.1	6 200	55.4	107.4	5 300	52.0
54.0	47.0	101.4	6 800*	48.7	102.7	6 600	51.1	104.5	5 700	53.5	105.9	4 800	54.0
56.0	44.8	99.4	6 400*	46.5	100.9	6 200	49.1	102.8	5 300	51.5	104.4	4 400	56.0
58.0	42.5	97.3	6 100*	44.3	98.9	5 700	47.0	101.0	4 900	49.4	102.7	4 000	58.0
60.0	40.1	95.0	5 800*	42.0	96.7	5 300	44.8	99.0	4 500	47.3	100.9	3 700	60.0
62.0	37.6	92.5	5 500	39.6	94.4	4 900	42.5	96.9	4 100	45.2	99.0	3 300	62.0
64.0	34.9	89.7	5 100	37.1	91.8	4 600	40.1	94.6	3 800	42.9	96.9	3 000	64.0
66.0	32.1	86.7	4 800	34.4	89.0	4 200	37.6	92.1	3 500	40.5	94.6	2 700	66.0
68.0	29.0	83.2	4 400	31.5	85.9	3 900	34.9	89.3	3 200	38.0	92.2	2 400	68.0
70.0	25.5	79.3	4 100*	28.3	82.4	3 600	32.0	86.2	2 900	35.4	89.4	2 100	70.0
72.0	21.5	74.6	3 700*	24.7	78.3	3 300	28.9	82.8	2 600	32.6	86.4	1 900	72.0
74.0	16.7	68.7	3 200*	20.6	73.4	3 100	25.4	78.9	2 400				74.0
76.0	9.6	60.0	2 300*	15.5	67.2	2 900	21.5	74.2	2 200				76.0
78.0							16.6	68.3	2 000				78.0
80.0							9.5	59.4	1 800				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**

**Maximum Operating Wind Speeds
(all boom lengths)**

10 m/s with 21.3m thru 33.5m Luffing Jib
7 m/s with 36.6m thru 61.0m Luffing Jib
5 m/s with 64.0m thru 73.2m Luffing Jib

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.	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	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	45 800b	61.9	69.7	44 600b																16.0
18.0	49.7	67.2	41 400	55.6	68.5	39 700b																18.0
20.0	42.1	65.2	37 200	48.7	66.8	35 700	57.3	68.6	33 500b	65.1	69.6	31 500b										20.0
22.0	33.1	62.5	33 900	40.9	64.8	32 400	50.6	67.0	30 400	59.0	68.5	28 400b										22.0
24.0	20.8	58.4	31 200	31.5	61.9	29 700	43.1	65.1	27 700	52.4	67.1	25 900										24.0
26.0							34.3	62.5	25 500	45.1	65.2	23 800	59.4	67.6	21 100b							26.0
28.0							22.6	58.6	23 600	36.7	62.8	21 900	52.9	66.2	19 400b							28.0
30.0										26.1	59.4	20 300	45.7	64.4	17 900							30.0
32.0										2.6	51.0	19 100	37.4	62.1	16 600	53.0	64.9	14 500				32.0
34.0													27.0	58.7	15 400	45.8	63.1	13 400				34.0
36.0																37.6	60.8	12 400				36.0
38.0																27.2	57.5	11 600	45.5	61.3	9 900	38.0
40.0																			37.1	59.0	9 200	40.0
42.0																			26.7	55.6	8 400	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.	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	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	43 800b																16.0
18.0	55.6	71.1	40 400	60.4	72.1	39 000																18.0
20.0	49.6	69.5	36 400*	54.8	70.8	35 100	61.8	72.1	32 900b													20.0
22.0	43.0	67.6	32 500*	48.7	69.1	31 900	56.3	70.9	29 800	63.2	72.0	27 900b										22.0
24.0	35.5	65.0	29 400*	42.0	67.1	29 100	50.4	69.3	27 200	57.8	70.8	25 400										24.0
26.0	26.0	61.5	27 100*	34.2	64.5	26 800	43.9	67.4	25 000	52.0	69.4	23 300										26.0
28.0				24.3	60.8	24 900	36.4	65.0	23 100	45.6	67.5	21 500	58.2	69.9	19 000							28.0
30.0							27.3	61.6	21 400	38.5	65.3	19 900	52.4	68.5	17 500							30.0
32.0							13.0	55.9	20 100	29.9	62.2	18 500	46.1	66.7	16 200							32.0
34.0										17.8	57.5	17 300	39.0	64.5	15 000	52.5	67.2	13 000				34.0
36.0													30.6	61.5	14 100	46.2	65.4	12 100				36.0
38.0													18.9	57.0	13 200	39.2	63.2	11 200				38.0
40.0																30.8	60.2	10 500	45.9	63.6	8 800	40.0
42.0																19.2	55.7	9 800	38.8	61.4	8 200	42.0
44.0																			30.3	58.4	7 600	44.0



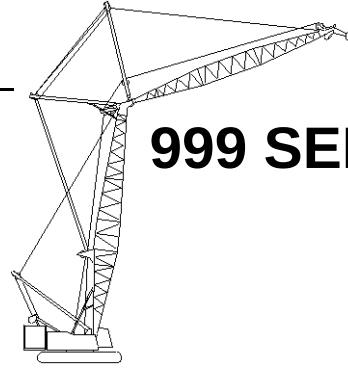
Liftcrane Luffing Jib Capacities

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**

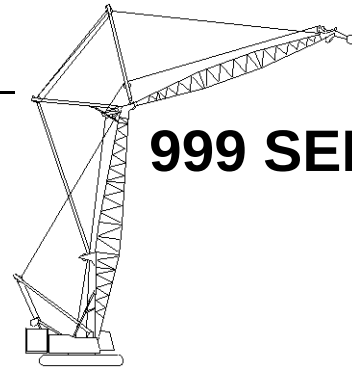
**Maximum Operating Wind Speeds
(all boom lengths)**

10 m/s with 21.3m thru 33.5m Luffing Jib
7 m/s with 36.6m thru 61.0m Luffing Jib
5 m/s with 64.0m thru 73.2m Luffing Jib



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	42 900b																16.0
18.0	59.9	74.7	38 200*	64.0	75.6	38 200																18.0
20.0	54.9	73.4	35 100*	59.2	74.4	34 400	65.2	75.5	32 200b													20.0
22.0	49.6	71.8	31 600*	54.1	73.1	31 200	60.5	74.5	29 200	66.4	75.4	27 300b										22.0
24.0	43.7	69.9	28 300*	48.7	71.4	28 500	55.5	73.2	26 700	61.7	74.4	24 900										24.0
26.0	37.2	67.5	25 700*	42.8	69.4	26 200	50.2	71.6	24 400	56.8	73.1	22 800										26.0
28.0	29.4	64.3	23 600*	36.1	66.9	24 200	44.5	69.7	22 600	51.6	71.7	21 000										28.0
30.0	18.8	59.7	22 300*	28.1	63.6	22 500	38.0	67.4	20 900	46.0	69.9	19 400	57.2	72.3	17 000							30.0
32.0				16.7	58.6	21 100	30.4	64.4	19 500	39.8	67.6	18 000	52.0	70.8	15 700							32.0
34.0							20.4	60.0	18 300	32.6	64.8	16 800	46.4	69.0	14 600							34.0
36.0										23.4	60.9	15 700	40.2	66.8	13 600	52.1	69.5	11 700				36.0
38.0										5.8	52.8	14 800	33.1	64.1	12 700	46.5	67.7	10 800				38.0
40.0													24.2	60.3	11 900	40.4	65.5	10 100	51.9	67.7	8 400	40.0
42.0																33.3	62.8	9 400	46.3	65.9	7 800	42.0
44.0																24.4	59.0	8 800	40.1	63.8	7 300	44.0
46.0																			32.9	61.0	6 800	46.0
48.0																			23.9	57.1	6 300	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**

**Maximum Operating Wind Speeds
(all boom lengths)**

10 m/s with 21.3m thru 33.5m Luffing Jib
7 m/s with 36.6m thru 61.0m Luffing Jib
5 m/s with 64.0m thru 73.2m Luffing Jib

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.	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	72.0	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	42 000b																16.0
18.0	63.2	78.2	35 400*	66.8	78.9	37 300																18.0
20.0	58.9	77.1	33 800*	62.6	78.0	33 600	67.9	78.9	31 500b													20.0
22.0	54.3	75.7	30 500*	58.2	76.8	30 500	63.7	78.0	28 500													22.0
24.0	49.5	74.1	27 500*	53.6	75.4	27 800	59.4	76.8	26 000	64.8	77.8	24 200										24.0
26.0	44.3	72.2	24 900*	48.8	73.7	25 600	54.9	75.5	23 800	60.5	76.7	22 100										26.0
28.0	38.5	69.9	22 600*	43.5	71.8	23 600	50.1	73.9	21 900	56.1	75.5	20 300										28.0
30.0	31.9	67.0	20 800*	37.6	69.4	21 900	44.9	72.1	20 300	51.4	74.0	18 800										30.0
32.0	23.6	63.0	19 500*	30.8	66.3	20 400	39.3	69.8	18 900	46.3	72.2	17 400	56.4	74.6	15 100							32.0
34.0				22.1	62.2	19 100	32.7	67.0	17 600	40.8	70.0	16 200	51.7	73.1	14 000							34.0
36.0							24.7	63.2	16 500	34.5	67.3	15 200	46.7	71.3	13 100							36.0
38.0							12.4	57.0	15 600	27.0	63.9	14 200	41.2	69.2	12 100	51.8	71.8	10 300				38.0
40.0													35.0	66.6	11 400	46.8	70.0	9 600				40.0
42.0													27.6	63.2	10 700	41.3	67.9	8 900				42.0
44.0													17.5	58.2	10 000	35.1	65.3	8 300	46.6	68.3	6 800	44.0
46.0																27.8	61.9	7 800	41.1	66.1	6 200	46.0
48.0																17.7	57.0	7 300	34.8	63.5	5 800	48.0
50.0																			27.4	60.1	5 400	50.0



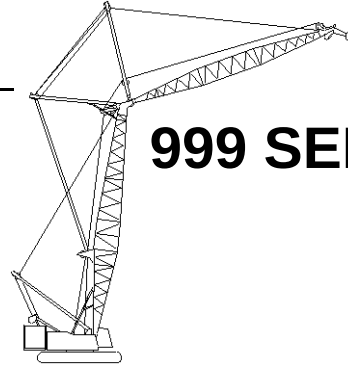
Liftcrane Luffing Jib Capacities

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**

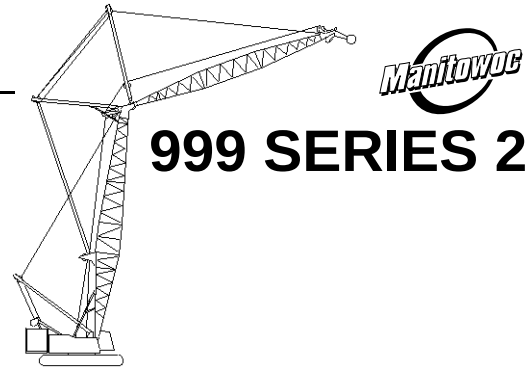
**Maximum Operating Wind Speeds
(all boom lengths)**

**10 m/s with 21.3m thru 33.5m Luffing Jib
7 m/s with 36.6m thru 61.0m Luffing Jib
5 m/s with 64.0m thru 73.2m Luffing Jib**



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	41 100b																16.0
18.0	65.8	81.6	33 000*	69.0	82.2	36 700																18.0
20.0	62.0	80.6	31 600*	65.3	81.4	33 100	70.0	82.2	31 000													20.0
22.0	58.0	79.4	29 700*	61.4	80.3	30 000	66.3	81.3	28 000													22.0
24.0	53.9	78.0	26 700*	57.4	79.1	27 400	62.5	80.4	25 500													24.0
26.0	49.5	76.4	24 300*	53.2	77.7	25 200	58.5	79.2	23 400	63.5	80.2	21 700										26.0
28.0	44.7	74.5	22 100*	48.8	76.0	23 200	54.4	77.8	21 600	59.5	79.1	20 000										28.0
30.0	39.6	72.3	20 100*	44.0	74.1	21 500	50.0	76.2	19 900	55.5	77.8	18 400										30.0
32.0	33.8	69.5	18 500*	38.8	71.8	20 000	45.3	74.4	18 500	51.2	76.3	17 100	59.8	78.2	14 800							32.0
34.0	26.9	66.0	17 300*	32.8	68.9	18 700	40.2	72.2	17 300	46.6	74.5	15 900	55.8	76.9	13 800							34.0
36.0	17.5	60.9	16 500*	25.7	65.3	17 600	34.5	69.5	16 200	41.6	72.4	14 800	51.5	75.4	12 800							36.0
38.0				15.7	59.8	16 600	27.8	66.1	15 100	36.1	69.8	13 900	46.9	73.6	11 900							38.0
40.0							18.9	61.3	14 300	29.7	66.6	13 000	42.0	71.5	11 100	51.6	74.1	9 300				40.0
42.0										21.5	62.3	12 300	36.5	69.0	10 400	47.0	72.3	8 700				42.0
44.0													30.1	65.9	9 800	42.1	70.3	8 100				44.0
46.0													22.2	61.7	9 200	36.6	67.8	7 500	46.8	70.6	6 000	46.0
48.0																30.3	64.6	7 000	41.8	68.5	5 600	48.0
50.0																22.4	60.5	6 600	36.3	65.9	5 200	50.0
52.0																			30.0	62.8	4 800	52.0
54.0																			22.0	58.6	4 500	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**

**Maximum Operating Wind Speeds
(all boom lengths)**

10 m/s with 21.3m thru 33.5m Luffing Jib
7 m/s with 36.6m thru 61.0m Luffing Jib
5 m/s with 64.0m thru 73.2m Luffing Jib

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.	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	75.1	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	35 900																18.0
20.0	64.5	84.0	29 500*	67.5	84.7	32 300																20.0
22.0	61.0	83.0	28 400*	64.0	83.8	29 300	68.4	84.7	27 300													22.0
24.0	57.3	81.8	26 200*	60.4	82.7	26 700	64.9	83.8	24 900													24.0
26.0	53.5	80.4	23 800*	56.7	81.5	24 500	61.4	82.7	22 800	65.8	83.6	21 100										26.0
28.0	49.4	78.7	21 600*	52.9	80.0	22 600	57.7	81.5	21 000	62.3	82.6	19 400										28.0
30.0	45.1	76.8	19 800*	48.8	78.3	20 900	53.9	80.1	19 400	58.7	81.4	17 900										30.0
32.0	40.5	74.6	18 100*	44.4	76.4	19 500	49.9	78.5	18 000	54.9	80.1	16 600	62.6	81.7	14 300							32.0
34.0	35.3	72.0	16 700*	39.7	74.2	18 100	45.6	76.7	16 700	51.0	78.6	15 300	59.0	80.6	13 200							34.0
36.0	29.3	68.8	15 600*	34.4	71.4	17 000	41.0	74.5	15 600	46.8	76.8	14 300	55.2	79.2	12 200							36.0
38.0	21.9	64.5	14 700*	28.3	68.1	16 000	35.9	71.9	14 600	42.3	74.7	13 300	51.3	77.7	11 300							38.0
40.0				20.5	63.5	15 000	30.1	68.8	13 700	37.3	72.2	12 500	47.1	75.9	10 600	55.3	77.9	8 800				40.0
42.0							22.9	64.7	13 000	31.7	69.3	11 800	42.6	73.9	9 900	51.3	76.4	8 100				42.0
44.0							12.1	58.1	12 300	24.9	65.5	11 100	37.7	71.5	9 200	47.2	74.6	7 500				44.0
46.0													32.1	68.5	8 700	42.7	72.6	7 000	51.2	74.6	5 500	46.0
48.0													25.5	64.8	8 200	37.8	70.2	6 500	47.0	72.9	5 000	48.0
50.0													16.4	59.4	7 700	32.2	67.2	6 100	42.5	70.8	4 700	50.0
52.0																25.6	63.5	5 700	37.5	68.4	4 300	52.0
54.0																16.7	58.2	5 400	31.9	65.4	4 000	54.0
56.0																			25.3	61.7	3 700	56.0



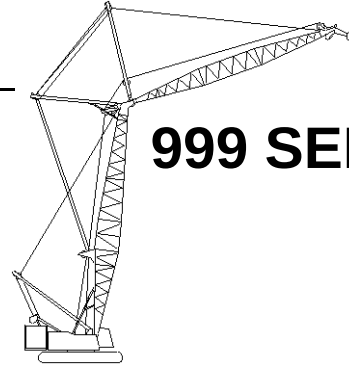
Liftcrane Luffing Jib Capacities

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**

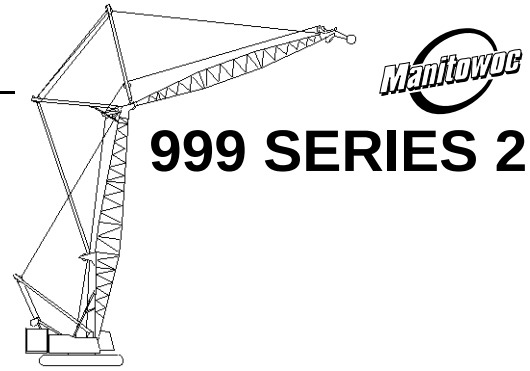
**Maximum Operating Wind Speeds
(all boom lengths)**

10 m/s with 21.3m thru 33.5m Luffing Jib
7 m/s with 36.6m thru 61.0m Luffing Jib
5 m/s with 64.0m thru 73.2m Luffing Jib



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	31 900																20.0
22.0	63.4	86.5	26 700*	66.1	87.2	29 000																22.0
24.0	60.1	85.4	25 400*	62.9	86.2	26 400	67.0	87.1	24 600													24.0
26.0	56.7	84.1	23 200*	59.6	85.1	24 300	63.8	86.2	22 500	67.8	86.9	20 900										26.0
28.0	53.1	82.7	21 100*	56.2	83.8	22 400	60.5	85.1	20 700	64.6	86.0	19 200										28.0
30.0	49.4	81.0	19 400*	52.6	82.3	20 700	57.1	83.9	19 200	61.4	85.0	17 700										30.0
32.0	45.4	79.1	17 800*	48.8	80.6	19 200	53.6	82.4	17 800	58.0	83.8	16 400										32.0
34.0	41.2	77.0	16 300*	44.8	78.7	17 900	49.8	80.8	16 500	54.5	82.4	15 200	61.6	84.1	13 000							34.0
36.0	36.5	74.4	15 100*	40.5	76.5	16 800	45.9	79.0	15 400	50.8	80.9	14 100	58.2	82.9	12 100							36.0
38.0	31.2	71.4	14 100*	35.7	73.9	15 700	41.7	76.9	14 400	47.0	79.1	13 200	54.7	81.5	11 200							38.0
40.0	25.0	67.6	13 300*	30.4	70.8	14 800	37.1	74.4	13 500	42.8	77.0	12 300	51.1	80.0	10 400							40.0
42.0	16.6	62.1	12 800*	23.9	66.8	13 900	31.9	71.4	12 700	38.3	74.7	11 600	47.2	78.2	9 700	54.8	80.2	8 000				42.0
44.0				14.9	60.9	13 300	25.8	67.7	12 000	33.3	71.8	10 900	43.1	76.2	9 100	51.2	78.7	7 400				44.0
46.0							17.8	62.5	11 400	27.5	68.3	10 300	38.6	73.9	8 500	47.3	76.9	6 900				46.0
48.0										20.2	63.7	9 700	33.7	71.1	8 000	43.2	74.9	6 400	51.0	76.9	5 000	48.0
50.0													27.9	67.6	7 500	38.7	72.6	5 900	47.1	75.2	4 500	50.0
52.0													20.8	63.1	7 100	33.8	69.8	5 500	43.0	73.1	4 200	52.0
54.0																28.1	66.4	5 200	38.5	70.8	3 800	54.0
56.0																20.9	61.9	4 900	33.5	68.0	3 500	56.0
58.0																			27.8	64.5	3 200	58.0
60.0																			20.5	59.9	3 000	60.0



Liftcrane Luffing Jib Capacities

999 SERIES 2

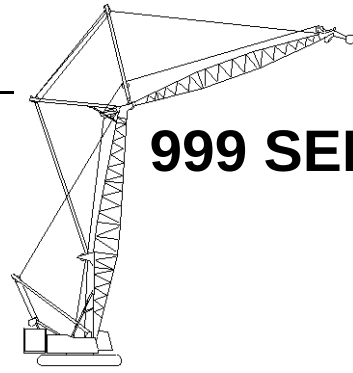
**Luffing Jib No. 149 With
Jib Backstay Pendants On
Boom No. 82
83 730 kg Crane Counterweight
19 960 kg Carbody Counterweight
360 Degree Rating**

**Maximum Operating Wind Speeds
(all boom lengths)**

10 m/s with 21.3m thru 33.5m Luffing Jib
7 m/s with 36.6m thru 61.0m Luffing Jib
5 m/s with 64.0m thru 73.2m Luffing Jib

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.	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	
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	31 300																20.0
22.0	65.4	89.8	25 200*	67.9	90.5	28 300																22.0
24.0	62.4	88.8	24 200*	65.0	89.6	25 800	68.7	90.4	24 000													24.0
26.0	59.4	87.7	22 500*	62.0	88.6	23 700	65.8	89.6	22 000													26.0
28.0	56.2	86.4	20 600*	58.9	87.4	21 800	62.8	88.6	20 200	66.6	89.4	18 600										28.0
30.0	52.8	85.0	18 900*	55.7	86.1	20 200	59.7	87.5	18 600	63.6	88.4	17 100										30.0
32.0	49.4	83.3	17 400*	52.3	84.6	18 700	56.5	86.2	17 200	60.5	87.4	15 800										32.0
34.0	45.7	81.5	16 100*	48.8	82.9	17 400	53.2	84.8	16 000	57.4	86.1	14 700										34.0
36.0	41.8	79.3	14 800*	45.1	81.0	16 300	49.8	83.1	14 900	54.1	84.7	13 600	60.8	86.5	11 500							36.0
38.0	37.5	76.9	13 700*	41.2	78.9	15 200	46.1	81.3	13 900	50.7	83.2	12 700	57.6	85.2	10 700							38.0
40.0	32.8	74.0	12 800*	36.8	76.4	14 300	42.2	79.2	13 000	47.1	81.4	11 800	54.3	83.9	9 900							40.0
42.0	27.3	70.4	12 000*	32.0	73.4	13 400	38.0	76.8	12 200	43.3	79.4	11 100	50.9	82.3	9 200							42.0
44.0	20.6	65.8	11 500*	26.4	69.7	12 700	33.4	74.0	11 500	39.2	77.0	10 400	47.4	80.5	8 600	54.4	82.6	6 900				44.0
46.0				19.4	64.9	12 000	28.0	70.5	10 800	34.6	74.3	9 800	43.6	78.5	8 000	51.0	81.0	6 400				46.0
48.0							21.5	66.1	10 300	29.5	71.1	9 200	39.5	76.2	7 500	47.4	79.2	5 900				48.0
50.0							11.8	59.1	9 800	23.4	66.9	8 600	35.0	73.6	7 000	43.6	77.2	5 500	50.9	79.2	4 000	50.0
52.0													29.9	70.3	6 600	39.6	74.9	5 100	47.3	77.5	3 700	52.0
54.0													23.8	66.3	6 200	35.1	72.3	4 700	43.5	75.5	3 300	54.0
56.0													15.7	60.6	5 800	30.0	69.1	4 400	39.4	73.1	3 000	56.0
58.0																24.0	65.1	4 100	34.8	70.5	2 800	58.0
60.0																15.9	59.4	3 800	29.7	67.2	2 500	60.0
62.0																			23.7	63.2	2 300	62.0
64.0																			15.4	57.3	2 100	64.0



Liftcrane Luffing Jib Capacities

999 SERIES 2

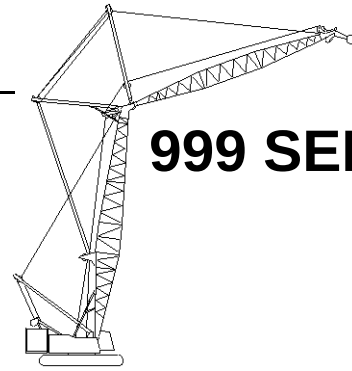
**Luffing Jib No. 149 With
Jib Backstay Pendants On
Boom No. 82
83 730 kg Crane Counterweight
19 960 kg Carbody Counterweight
360 Degree Rating**

**Maximum Operating Wind Speeds
(all boom lengths)**

**10 m/s with 21.3m thru 33.5m Luffing Jib
7 m/s with 36.6m thru 61.0m Luffing Jib
5 m/s with 64.0m thru 73.2m Luffing Jib**

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.	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	
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	29 600																20.0
22.0	67.2	93.2	23 500*	69.5	93.8	28 000																22.0
24.0	64.4	92.3	22 900*	66.8	92.9	25 400																24.0
26.0	61.6	91.2	21 800*	64.0	92.0	23 300	67.5	92.9	21 600													26.0
28.0	58.7	90.1	20 100*	61.2	91.0	21 400	64.8	92.0	19 800													28.0
30.0	55.7	88.7	18 500*	58.3	89.8	19 800	61.9	91.0	18 300	65.5	91.8	16 800										30.0
32.0	52.6	87.3	17 100*	55.2	88.4	18 400	59.0	89.8	16 900	62.7	90.8	15 500										32.0
34.0	49.3	85.6	15 700*	52.1	86.9	17 100	56.1	88.5	15 700	59.8	89.7	14 400										34.0
36.0	45.9	83.8	14 600*	48.8	85.2	15 900	53.0	87.1	14 600	56.8	88.5	13 300										36.0
38.0	42.3	81.7	13 500*	45.4	83.4	14 900	49.7	85.4	13 600	53.8	87.0	12 400	60.0	88.8	10 400							38.0
40.0	38.4	79.3	12 500*	41.7	81.2	14 000	46.3	83.6	12 800	50.6	85.5	11 600	57.1	87.6	9 700							40.0
42.0	34.1	76.5	11 700*	37.8	78.8	13 100	42.7	81.5	12 000	47.2	83.7	10 800	54.0	86.2	9 000							42.0
44.0	29.2	73.2	11 000*	33.4	75.9	12 400	38.9	79.2	11 200	43.7	81.7	10 100	50.8	84.6	8 400							44.0
46.0	23.5	69.1	10 500*	28.4	72.5	11 700	34.6	76.5	10 600	39.9	79.4	9 500	47.5	82.8	7 800	54.1	84.9	6 200				46.0
48.0	15.9	63.3	10 200*	22.5	68.2	11 100	29.8	73.2	10 000	35.8	76.8	8 900	43.9	80.9	7 200	50.9	83.3	5 700				48.0
50.0				14.4	62.0	10 500	24.2	69.2	9 400	31.1	73.7	8 400	40.2	78.6	6 800	47.5	81.5	5 300				50.0
52.0							16.9	63.7	8 900	25.8	69.9	7 900	36.1	76.0	6 400	44.0	79.6	4 900	50.7	81.5	3 500	52.0
54.0										19.1	65.0	7 500	31.5	73.0	5 900	40.2	77.3	4 500	47.4	79.8	3 200	54.0
56.0													26.2	69.3	5 500	36.1	74.7	4 100	43.8	77.8	2 800	56.0
58.0													19.6	64.4	5 200	31.6	71.7	3 800	40.1	75.5	2 600	58.0
60.0																26.3	68.0	3 600	35.9	72.9	2 300	60.0
62.0																19.8	63.2	3 300	31.4	69.9	2 000	62.0
64.0																9.5	55.3	3 100	26.1	66.1	1 900	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**

**Maximum Operating Wind Speeds
(all boom lengths)**

10 m/s with 21.3m thru 33.5m Luffing Jib
7 m/s with 36.6m thru 61.0m Luffing Jib
5 m/s with 64.0m thru 73.2m Luffing Jib

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



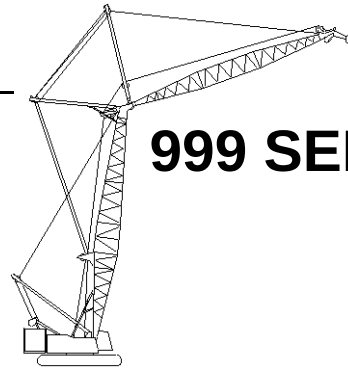
Liftcrane Luffing Jib Capacities

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**

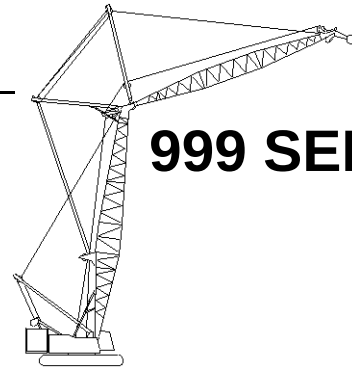
**Maximum Operating Wind Speeds
(all boom lengths)**

**10 m/s with 21.3m thru 33.5m Luffing Jib
7 m/s with 36.6m thru 61.0m Luffing Jib
5 m/s with 64.0m thru 73.2m Luffing Jib**



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	24 100													24.0
26.0	65.2	98.1	19 500*	67.3	98.7	22 200	70.3	99.5	20 500										26.0
28.0	62.7	97.1	18 900*	64.8	97.8	20 400	67.9	98.7	18 800										28.0
30.0	60.2	96.0	17 700*	62.4	96.8	18 800	65.5	97.8	17 300										30.0
32.0	57.6	94.7	16 400*	59.8	95.7	17 500	63.0	96.8	16 000	66.1	97.6	14 600							32.0
34.0	54.9	93.4	15 200*	57.2	94.4	16 200	60.5	95.7	14 800	63.7	96.7	13 400							34.0
36.0	52.2	91.9	14 100*	54.5	93.1	15 100	57.9	94.5	13 800	61.2	95.6	12 400							36.0
38.0	49.3	90.2	13 100*	51.7	91.5	14 100	55.3	93.2	12 800	58.6	94.4	11 500							38.0
40.0	46.3	88.4	12 200*	48.9	89.8	13 100	52.5	91.7	11 900	56.0	93.1	10 700	61.3	94.7	8 800				40.0
42.0	43.1	86.3	11 400*	45.8	88.0	12 300	49.6	90.0	11 100	53.2	91.7	10 000	58.8	93.5	8 200				42.0
44.0	39.8	84.0	10 700*	42.6	85.9	11 500	46.7	88.2	10 400	50.4	90.1	9 300	56.1	92.2	7 500				44.0
46.0	36.1	81.4	10 000*	39.2	83.5	10 800	43.5	86.2	9 700	47.4	88.3	8 700	53.4	90.8	6 900				46.0
48.0	32.1	78.4	9 400*	35.5	80.9	10 200	40.2	83.9	9 100	44.3	86.3	8 100	50.6	89.2	6 400	56.2	90.9	4 900	48.0
50.0	27.6	74.9	8 900*	31.5	77.8	9 600	36.6	81.4	8 600	41.1	84.1	7 600	47.7	87.4	6 000	53.5	89.5	4 500	50.0
52.0	22.3	70.5	8 600*	26.9	74.2	9 100	32.6	78.4	8 100	37.5	81.6	7 100	44.6	85.5	5 500	50.7	87.9	4 000	52.0
54.0	15.3	64.5	8 300*	21.4	69.6	8 600	28.2	74.9	7 600	33.7	78.8	6 600	41.3	83.3	5 100	47.7	86.1	3 700	54.0
56.0				13.9	63.2	8 200	23.0	70.7	7 200	29.4	75.5	6 200	37.8	80.9	4 700	44.6	84.2	3 300	56.0
58.0							16.3	64.9	6 800	24.5	71.5	5 900	34.0	78.0	4 400	41.4	82.0	3 000	58.0
60.0										18.3	66.2	5 500	29.7	74.8	4 100	37.9	79.6	2 700	60.0
62.0													24.8	70.8	3 800	34.1	76.8	2 500	62.0
64.0													18.8	65.7	3 500	29.8	73.5	2 200	64.0
66.0																24.9	69.6	2 000	66.0
68.0																18.9	64.5	1 800	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**

**Maximum Operating Wind Speeds
(all boom lengths)**

**10 m/s with 21.3m thru 33.5m Luffing Jib
7 m/s with 36.6m thru 61.0m Luffing Jib
5 m/s with 64.0m thru 73.2m Luffing Jib**

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



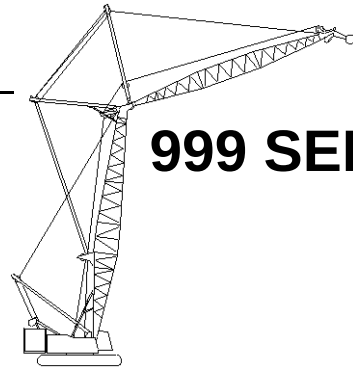
Liftcrane Luffing Jib Capacities

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**

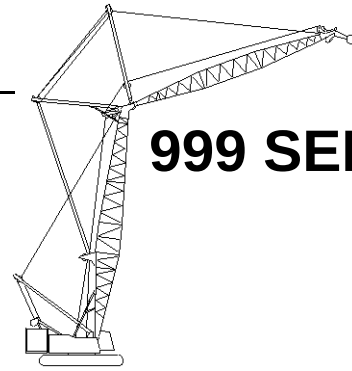
**Maximum Operating Wind Speeds
(all boom lengths)**

10 m/s with 21.3m thru 33.5m Luffing Jib
7 m/s with 36.6m thru 61.0m Luffing Jib
5 m/s with 64.0m thru 73.2m Luffing Jib



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	20 000	70.3	105.2	18 200							28.0
30.0	63.6	102.9	16 100*	65.5	103.6	18 300	68.2	104.4	16 800							30.0
32.0	61.4	101.8	15 400*	63.3	102.6	17 000	66.1	103.6	15 500							32.0
34.0	59.1	100.7	14 400*	61.0	101.6	15 700	63.9	102.6	14 300	66.6	103.4	13 000				34.0
36.0	56.7	99.4	13 500*	58.7	100.4	14 600	61.6	101.6	13 300	64.5	102.5	12 000				36.0
38.0	54.3	98.0	12 600*	56.4	99.1	13 600	59.4	100.4	12 300	62.2	101.5	11 100				38.0
40.0	51.8	96.5	11 800*	54.0	97.7	12 700	57.0	99.2	11 500	60.0	100.3	10 300				40.0
42.0	49.3	94.8	11 000*	51.5	96.1	11 900	54.6	97.8	10 700	57.6	99.1	9 600				42.0
44.0	46.6	93.0	10 300*	48.9	94.4	11 100	52.1	96.3	10 000	55.3	97.8	8 900	60.1	99.4	7 100	44.0
46.0	43.8	91.0	9 700*	46.2	92.6	10 400	49.6	94.6	9 300	52.8	96.3	8 300	57.8	98.2	6 600	46.0
48.0	40.8	88.8	9 100*	43.3	90.5	9 800	46.9	92.8	8 800	50.3	94.7	7 700	55.4	96.9	6 100	48.0
50.0	37.7	86.3	8 600*	40.3	88.3	9 200	44.1	90.8	8 200	47.6	92.9	7 200	53.0	95.4	5 600	50.0
52.0	34.3	83.5	8 100*	37.2	85.8	8 700	41.2	88.6	7 700	44.9	91.0	6 700	50.4	93.8	5 200	52.0
54.0	30.5	80.3	7 700*	33.7	82.9	8 100	38.0	86.2	7 200	42.0	88.8	6 200	47.8	92.1	4 800	54.0
56.0	26.3	76.5	7 300*	29.9	79.6	7 700	34.7	83.4	6 700	38.9	86.4	5 800	45.1	90.1	4 400	56.0
58.0	21.3	71.9	7 100*	25.6	75.8	7 300	31.0	80.3	6 300	35.6	83.8	5 400	42.2	88.0	4 000	58.0
60.0	14.8	65.6	6 800*	20.5	71.0	6 900	26.8	76.6	6 000	32.0	80.7	5 100	39.1	85.6	3 700	60.0
62.0				13.6	64.3	6 500	22.0	72.1	5 600	28.0	77.2	4 800	35.8	83.0	3 400	62.0
64.0							15.7	66.1	5 300	23.3	73.0	4 400	32.2	80.0	3 100	64.0
66.0										17.6	67.5	4 200	28.3	76.5	2 800	66.0
68.0													23.7	72.3	2 600	68.0
70.0													18.0	67.0	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**

**Maximum Operating Wind Speeds
(all boom lengths)**

**10 m/s with 21.3m thru 33.5m Luffing Jib
7 m/s with 36.6m thru 61.0m Luffing Jib
5 m/s with 64.0m thru 73.2m Luffing Jib**

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.	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	
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	17 900	69.4	107.7	16 300							30.0
32.0	62.9	105.3	14 900*	64.7	106.0	16 500	67.3	106.9	15 000							32.0
34.0	60.8	104.2	13 900*	62.6	105.0	15 300	65.3	106.0	13 800							34.0
36.0	58.6	103.0	13 100*	60.5	103.9	14 200	63.2	105.0	12 900	65.8	105.8	11 500				36.0
38.0	56.4	101.7	12 200*	58.3	102.7	13 200	61.0	104.0	11 900	63.7	104.9	10 700				38.0
40.0	54.1	100.3	11 500*	56.0	101.4	12 300	58.9	102.8	11 000	61.6	103.8	9 900				40.0
42.0	51.7	98.8	10 800*	53.7	100.0	11 500	56.6	101.5	10 300	59.4	102.7	9 100				42.0
44.0	49.3	97.1	10 100*	51.3	98.4	10 700	54.3	100.1	9 600	57.2	101.4	8 400				44.0
46.0	46.7	95.3	9 400*	48.9	96.7	10 000	52.0	98.6	8 900	54.9	100.1	7 900	59.6	101.8	6 100	46.0
48.0	44.0	93.3	8 900*	46.3	94.9	9 400	49.5	96.9	8 300	52.6	98.6	7 300	57.4	100.5	5 600	48.0
50.0	41.3	91.1	8 400*	43.6	92.9	8 800	47.0	95.1	7 800	50.2	97.0	6 800	55.1	99.2	5 200	50.0
52.0	38.3	88.7	7 900*	40.8	90.6	8 200	44.4	93.2	7 300	47.7	95.2	6 300	52.8	97.7	4 700	52.0
54.0	35.1	85.9	7 500*	37.8	88.2	7 800	41.6	91.0	6 800	45.1	93.3	5 800	50.4	96.1	4 300	54.0
56.0	31.7	82.9	7 100*	34.6	85.4	7 300	38.7	88.6	6 300	42.3	91.2	5 400	47.9	94.4	4 000	56.0
58.0	27.8	79.3	6 800*	31.1	82.3	6 900	35.5	85.9	5 900	39.4	88.8	5 100	45.3	92.4	3 600	58.0
60.0	23.4	75.1	6 600*	27.2	78.6	6 500	32.1	82.9	5 600	36.3	86.2	4 700	42.5	90.3	3 300	60.0
62.0	18.0	69.7	6 400*	22.7	74.2	6 100	28.3	79.4	5 200	33.0	83.3	4 300	39.6	88.0	3 000	62.0
64.0	10.1	61.5	5 400*	17.1	68.6	5 800	24.0	75.2	4 900	29.3	79.9	4 000	36.6	85.4	2 700	64.0
66.0							18.7	70.0	4 600	25.2	76.0	3 700	33.3	82.5	2 400	66.0
68.0							11.3	62.4	4 300	20.2	71.1	3 500	29.6	79.2	2 200	68.0
70.0										13.6	64.4	3 300	25.5	75.3	2 000	70.0



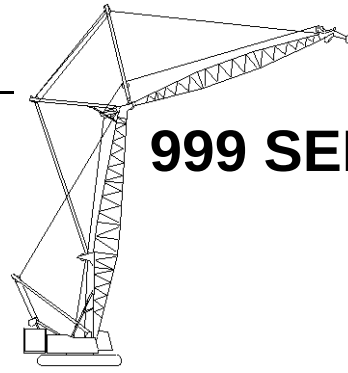
Liftcrane Luffing Jib Capacities

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**

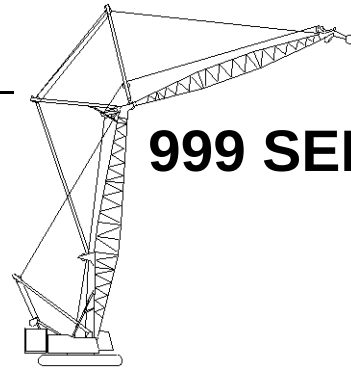
**Maximum Operating Wind Speeds
(all boom lengths)**

**10 m/s with 21.3m thru 33.5m Luffing Jib
7 m/s with 36.6m thru 61.0m Luffing Jib
5 m/s with 64.0m thru 73.2m Luffing Jib**



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.	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	
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	16 100	68.5	110.2	14 600							32.0
34.0	62.3	107.7	13 400*	64.0	108.5	14 900	66.5	109.4	13 500							34.0
36.0	60.3	106.6	12 700*	62.0	107.4	13 800	64.6	108.4	12 500	67.0	109.2	11 200				36.0
38.0	58.2	105.4	11 900*	60.0	106.3	12 800	62.6	107.4	11 500	65.1	108.3	10 300				38.0
40.0	56.0	104.1	11 200*	57.9	105.1	11 900	60.5	106.3	10 700	63.1	107.3	9 500				40.0
42.0	53.8	102.6	10 600*	55.7	103.7	11 100	58.4	105.1	9 900	61.0	106.2	8 800				42.0
44.0	51.6	101.1	9 900*	53.5	102.3	10 400	56.3	103.8	9 200	59.0	105.0	8 100				44.0
46.0	49.2	99.4	9 300*	51.2	100.7	9 700	54.1	102.4	8 600	56.8	103.8	7 500	61.2	105.3	5 800	46.0
48.0	46.8	97.6	8 800*	48.9	99.0	9 100	51.8	100.9	8 000	54.7	102.4	7 000	59.1	104.1	5 300	48.0
50.0	44.3	95.6	8 200*	46.4	97.2	8 500	49.5	99.2	7 400	52.4	100.9	6 400	57.0	102.9	4 800	50.0
52.0	41.7	93.4	7 800*	43.9	95.2	7 900	47.1	97.4	6 900	50.1	99.3	5 900	54.8	101.5	4 400	52.0
54.0	38.9	91.1	7 400*	41.2	93.0	7 400	44.6	95.5	6 500	47.7	97.5	5 500	52.6	100.0	4 000	54.0
56.0	35.9	88.4	7 000*	38.4	90.6	6 900	42.0	93.3	6 000	45.3	95.6	5 100	50.3	98.4	3 600	56.0
58.0	32.7	85.4	6 600*	35.4	87.9	6 500	39.2	91.0	5 600	42.7	93.5	4 700	47.9	96.7	3 300	58.0
60.0	29.2	82.0	6 400*	32.2	84.8	6 100	36.2	88.3	5 200	39.9	91.2	4 400	45.4	94.7	2 900	60.0
62.0	25.2	78.1	6 100*	28.6	81.4	5 800	33.1	85.4	4 900	37.0	88.6	4 000	42.9	92.7	2 700	62.0
64.0	20.5	73.3	5 800*	24.5	77.3	5 400	29.6	82.1	4 500	33.9	85.8	3 700	40.1	90.4	2 400	64.0
66.0	14.4	66.8	5 200*	19.7	72.3	5 100	25.7	78.2	4 200	30.5	82.6	3 400	37.2	87.8	2 100	66.0
68.0				13.3	65.4	4 800	21.1	73.5	4 000	26.8	78.9	3 100	34.2	85.0	1 900	68.0
70.0							15.3	67.3	3 700	22.4	74.4	2 900				70.0
72.0										17.0	68.7	2 700				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

Maximum Operating Wind Speeds
(all boom lengths)

10 m/s with 21.3m thru 33.5m Luffing Jib
7 m/s with 36.6m thru 61.0m Luffing Jib
5 m/s with 64.0m thru 73.2m Luffing Jib

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.	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	75.3	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	14 100				32.0
34.0	63.7	111.1	12 600*	65.3	111.8	14 400	67.7	112.7	13 000				34.0
36.0	61.7	110.1	12 200*	63.4	110.9	13 300	65.8	111.8	12 000				36.0
38.0	59.8	108.9	11 500*	61.5	109.8	12 400	63.9	110.9	11 100	66.3	111.6	9 800	38.0
40.0	57.8	107.7	10 900*	59.5	108.7	11 500	62.0	109.8	10 300	64.4	110.7	9 100	40.0
42.0	55.7	106.4	10 300*	57.5	107.4	10 700	60.0	108.7	9 500	62.5	109.7	8 400	42.0
44.0	53.6	105.0	9 700*	55.4	106.1	10 000	58.0	107.5	8 800	60.5	108.6	7 700	44.0
46.0	51.5	103.4	9 100*	53.3	104.6	9 300	56.0	106.2	8 200	58.5	107.4	7 100	46.0
48.0	49.2	101.7	8 600*	51.1	103.0	8 700	53.9	104.7	7 600	56.5	106.1	6 600	48.0
50.0	46.9	99.9	8 100*	48.9	101.3	8 100	51.7	103.2	7 100	54.4	104.7	6 000	50.0
52.0	44.5	97.9	7 600*	46.6	99.5	7 500	49.5	101.5	6 500	52.3	103.2	5 600	52.0
54.0	42.0	95.8	7 200*	44.1	97.5	7 100	47.2	99.7	6 100	50.1	101.6	5 100	54.0
56.0	39.4	93.4	6 800*	41.6	95.3	6 600	44.8	97.8	5 600	47.8	99.8	4 700	56.0
58.0	36.6	90.8	6 500*	39.0	92.9	6 100	42.3	95.7	5 200	45.4	97.9	4 300	58.0
60.0	33.6	88.0	6 200*	36.1	90.3	5 700	39.7	93.3	4 800	43.0	95.8	4 000	60.0
62.0	30.3	84.7	5 900*	33.1	87.4	5 300	36.9	90.8	4 500	40.4	93.5	3 600	62.0
64.0	26.7	81.0	5 500*	29.8	84.1	5 000	33.9	87.9	4 200	37.7	91.0	3 300	64.0
66.0	22.5	76.5	5 100*	26.1	80.2	4 700	30.7	84.7	3 800	34.7	88.3	3 000	66.0
68.0	17.4	70.9	4 700*	21.8	75.7	4 400	27.1	81.0	3 600	31.6	85.2	2 800	68.0
70.0	10.1	62.6	3 800*	16.6	69.8	4 100	23.1	76.7	3 300	28.1	81.6	2 500	70.0
72.0							18.1	71.3	3 100	24.2	77.5	2 300	72.0
74.0							11.2	63.5	2 900	19.5	72.4	2 100	74.0
76.0										13.4	65.5	1 900	76.0

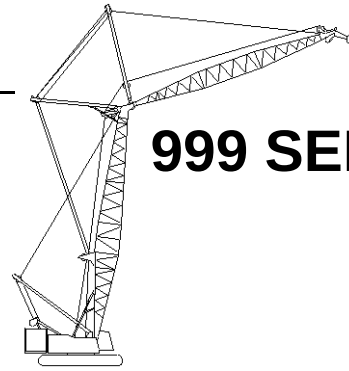


Liftcrane Luffing Jib Capacities

999 SERIES 2

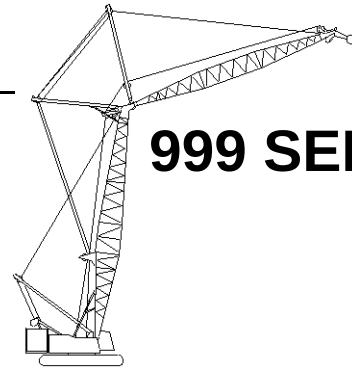
Luffing Jib No. 149 With
Jib Backstay Pendants On
Boom No. 82
83 730 kg Crane Counterweight
19 960 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speeds (all boom lengths)		
10 m/s with 21.3m thru 33.5m Luffing Jib		
7 m/s with 36.6m thru 61.0m Luffing Jib		
5 m/s with 64.0m thru 73.2m Luffing Jib		



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.	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	75.9	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	13 800				32.0
34.0	64.9	114.5	11 700*	66.4	115.2	13 800*	68.7	116.0	12 700				34.0
36.0	63.1	113.5	11 200*	64.6	114.3	13 000	66.9	115.1	11 700				36.0
38.0	61.2	112.5	10 600*	62.8	113.3	12 100	65.1	114.2	10 800				38.0
40.0	59.3	111.3	10 000*	60.9	112.2	11 200	63.3	113.3	10 000	65.6	114.1	8 700	40.0
42.0	57.4	110.1	9 400*	59.1	111.0	10 400	61.4	112.2	9 200	63.8	113.1	8 100	42.0
44.0	55.4	108.7	8 900*	57.1	109.7	9 600	59.6	111.0	8 500	61.9	112.1	7 400	44.0
46.0	53.4	107.3	8 400*	55.1	108.4	9 000	57.6	109.8	7 900	60.1	110.9	6 800	46.0
48.0	51.4	105.7	7 900*	53.1	106.9	8 300	55.7	108.5	7 300	58.1	109.7	6 300	48.0
50.0	49.2	104.0	7 500*	51.0	105.3	7 800	53.7	107.0	6 700	56.2	108.4	5 700	50.0
52.0	47.0	102.2	7 000*	48.9	103.6	7 200	51.6	105.5	6 300	54.2	107.0	5 300	52.0
54.0	44.7	100.2	6 700*	46.7	101.8	6 700	49.5	103.8	5 800	52.1	105.5	4 800	54.0
56.0	42.3	98.1	6 300*	44.4	99.8	6 300	47.3	102.0	5 300	50.0	103.9	4 400	56.0
58.0	39.8	95.8	6 000*	42.0	97.7	5 900	45.0	100.1	5 000	47.9	102.1	4 100	58.0
60.0	37.2	93.3	5 700*	39.4	95.3	5 500	42.6	98.0	4 600	45.6	100.2	3 700	60.0
62.0	34.4	90.4	5 500*	36.8	92.7	5 100	40.1	95.7	4 200	43.2	98.1	3 400	62.0
64.0	31.3	87.3	5 200*	33.9	89.9	4 700	37.5	93.2	3 900	40.8	95.9	3 100	64.0
66.0	28.0	83.8	4 900*	30.8	86.7	4 400	34.7	90.4	3 600	38.2	93.4	2 800	66.0
68.0	24.2	79.6	4 500*	27.5	83.1	4 100	31.7	87.3	3 300	35.5	90.7	2 500	68.0
70.0	19.8	74.6	4 100*	23.6	78.8	3 800	28.4	83.8	3 000	32.5	87.7	2 200	70.0
72.0	14.1	67.9	3 600*	19.1	73.6	3 600	24.7	79.7	2 800	29.3	84.4	2 000	72.0
74.0				13.0	66.5	3 300	20.4	74.9	2 500				74.0
76.0							14.9	68.4	2 400				76.0



Liftcrane Luffing Jib Capacities

999 SERIES 2

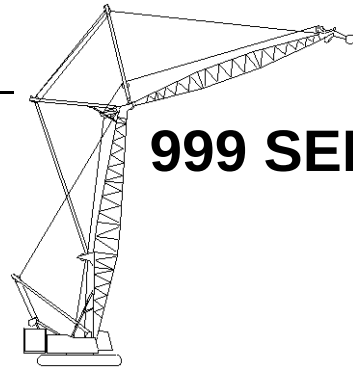
Luffing Jib No. 149 With
Jib Backstay Pendants On
Boom No. 82
83 730 kg Crane Counterweight
19 960 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speeds
(all boom lengths)

10 m/s with 21.3m thru 33.5m Luffing Jib
7 m/s with 36.6m thru 61.0m Luffing Jib
5 m/s with 64.0m thru 73.2m Luffing Jib

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 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	75.3	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	12 200	34.0
36.0	64.3	116.9	10 700*	65.8	117.6	12 500	67.9	118.4	11 200	36.0
38.0	62.5	115.9	10 100*	64.0	116.7	11 700	66.2	117.6	10 300	38.0
40.0	60.7	114.8	9 600*	62.3	115.7	10 800	64.5	116.7	9 600	40.0
42.0	58.9	113.7	9 100*	60.5	114.5	10 000	62.7	115.7	8 800	42.0
44.0	57.1	112.4	8 600*	58.7	113.4	9 300	61.0	114.6	8 100	44.0
46.0	55.2	111.0	8 100*	56.8	112.1	8 600	59.1	113.4	7 500	46.0
48.0	53.2	109.6	7 700*	54.9	110.7	8 000	57.3	112.2	6 900	48.0
50.0	51.3	108.0	7 300*	52.9	109.2	7 400	55.4	110.8	6 400	50.0
52.0	49.2	106.3	6 900*	51.0	107.6	6 900	53.5	109.4	5 900	52.0
54.0	47.1	104.5	6 500*	48.9	105.9	6 400	51.5	107.8	5 400	54.0
56.0	44.9	102.6	6 100*	46.8	104.1	5 900	49.5	106.1	5 000	56.0
58.0	42.6	100.5	5 800*	44.6	102.1	5 500	47.3	104.3	4 600	58.0
60.0	40.2	98.2	5 500*	42.3	100.0	5 100	45.2	102.4	4 200	60.0
62.0	37.7	95.7	5 300*	39.9	97.7	4 700	42.9	100.3	3 800	62.0
64.0	35.1	92.9	4 900	37.4	95.2	4 400	40.5	98.0	3 500	64.0
66.0	32.2	89.9	4 600*	34.7	92.4	4 100	38.0	95.6	3 200	66.0
68.0	29.1	86.5	4 200*	31.8	89.3	3 800	35.4	92.9	2 900	68.0
70.0	25.7	82.6	3 800*	28.6	85.8	3 500	32.6	89.9	2 600	70.0
72.0	21.8	77.9	3 500*	25.1	81.8	3 200	29.5	86.5	2 400	72.0
74.0	17.0	72.2	3 100*	21.1	77.1	2 900	26.1	82.7	2 200	74.0
76.0	10.1	63.6	2 400*	16.1	71.0	2 700	22.3	78.1	2 000	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**

**Maximum Operating Wind Speeds
(all boom lengths)**

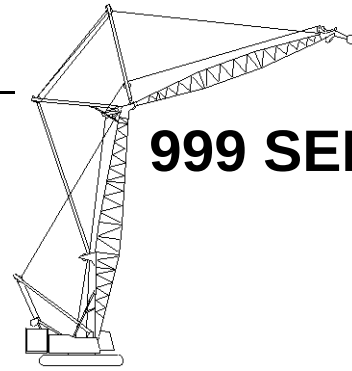
10 m/s with 21.3m thru 33.5m Luffing Jib
7 m/s with 36.6m thru 61.0m Luffing Jib
5 m/s with 64.0m thru 73.2m Luffing Jib

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	43 700b																16.0
18.0	50.1	70.4	39 600*	56.3	71.7	39 000b																18.0
20.0	42.6	68.4	35 400*	49.4	70.1	35 100	58.5	71.8	32 800b													20.0
22.0	33.6	65.7	32 100*	41.8	68.0	31 900	51.9	70.4	29 700b	60.6	71.8	27 700b										22.0
24.0	21.6	61.7	29 900*	32.6	65.3	29 200	44.6	68.5	27 200	54.2	70.5	25 200										24.0
26.0							36.1	66.1	25 000	47.1	68.8	23 200	61.9	71.0	20 300b							26.0
28.0							25.2	62.5	23 100	39.1	66.5	21 400	55.5	69.7	18 700b							28.0
30.0										29.3	63.5	19 800	48.6	68.1	17 200							30.0
32.0										13.9	58.2	18 500	40.8	66.0	16 000	56.5	68.5	13 700b				32.0
34.0													31.5	63.2	14 900	49.7	67.0	12 700				34.0
36.0													18.1	58.6	13 900	42.0	64.9	11 800				36.0
38.0																33.0	62.2	11 000				38.0
40.0																20.6	58.1	10 300	42.7	63.3	8 500	40.0
42.0																			33.8	60.7	7 900	42.0
44.0																			21.8	56.7	7 400	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	42 800b																16.0
18.0	55.9	74.2	37 500*	61.0	75.3	38 100b																18.0
20.0	50.0	72.7	34 000*	55.4	74.0	34 300	62.8	75.3	32 000b													20.0
22.0	43.4	70.7	30 500*	49.4	72.4	31 100	57.4	74.2	29 000	64.6	75.3	27 000b										22.0
24.0	35.9	68.2	27 700*	42.7	70.4	28 500	51.5	72.7	26 500	59.3	74.2	24 500										24.0
26.0	26.6	64.8	25 500*	35.1	67.8	26 300	45.1	70.8	24 300	53.6	72.8	22 500										26.0
28.0				25.5	64.3	24 300	37.9	68.5	22 500	47.4	71.1	20 700	60.4	73.4	18 000b							28.0
30.0							29.2	65.4	20 900	40.5	68.9	19 200	54.7	72.0	16 600							30.0
32.0							16.6	60.4	19 500	32.4	66.1	17 800	48.7	70.4	15 400							32.0
34.0										21.7	62.0	16 700	41.9	68.4	14 300	55.6	70.8	12 100				34.0
36.0													34.1	65.7	13 300	49.6	69.3	11 300				36.0
38.0													24.2	62.0	12 500	43.0	67.3	10 500				38.0
40.0																35.4	64.7	9 700	50.1	67.6	8 000	40.0
42.0																25.9	61.2	9 100	43.5	65.7	7 400	42.0
44.0																9.6	54.6	8 500	36.0	63.2	6 900	44.0
46.0																			26.7	59.8	6 400	46.0



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**

**Maximum Operating Wind Speeds
(all boom lengths)**

10 m/s with 21.3m thru 33.5m Luffing Jib
7 m/s with 36.6m thru 61.0m Luffing Jib
5 m/s with 64.0m thru 73.2m Luffing Jib

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.	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	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	41 900b																16.0
18.0	60.2	77.8	34 700*	64.5	78.7	37 300b																18.0
20.0	55.2	76.5	32 900*	59.7	77.6	33 600	66.1	78.7	31 300b													20.0
22.0	49.9	75.0	29 500*	54.7	76.3	30 500	61.4	77.7	28 400													22.0
24.0	44.1	73.0	26 600*	49.3	74.7	27 900	56.5	76.5	25 900	63.0	77.7	24 000										24.0
26.0	37.6	70.7	24 200*	43.5	72.7	25 700	51.2	75.0	23 800	58.2	76.5	22 000										26.0
28.0	29.9	67.6	22 300*	36.9	70.3	23 700	45.6	73.1	21 900	53.1	75.1	20 200										28.0
30.0	19.6	63.1	21 100*	29.0	67.1	22 000	39.3	70.9	20 300	47.6	73.4	18 700	59.2	75.7	16 200							30.0
32.0				18.2	62.3	20 600	32.0	68.0	18 900	41.5	71.3	17 400	54.1	74.3	14 900							32.0
34.0							22.6	64.0	17 700	34.6	68.6	16 200	48.7	72.7	13 900							34.0
36.0										26.1	65.1	15 100	42.8	70.7	12 900	54.9	73.1	10 800				36.0
38.0										13.1	59.2	14 300	36.1	68.2	12 000	49.5	71.6	10 100				38.0
40.0													28.0	64.9	11 200	43.7	69.6	9 300				40.0
42.0													16.6	59.8	10 600	37.1	67.2	8 700	49.9	69.9	7 000	42.0
44.0																29.3	64.0	8 100	44.2	68.0	6 500	44.0
46.0																18.7	59.4	7 600	37.7	65.6	6 000	46.0
48.0																			30.0	62.5	5 600	48.0
50.0																			19.7	58.0	5 200	50.0



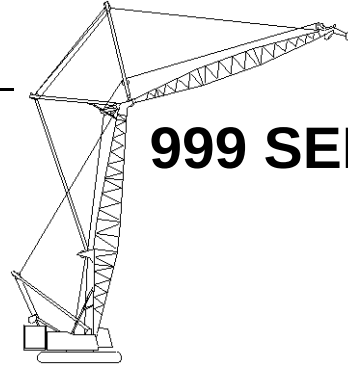
Liftcrane Luffing Jib Capacities

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**

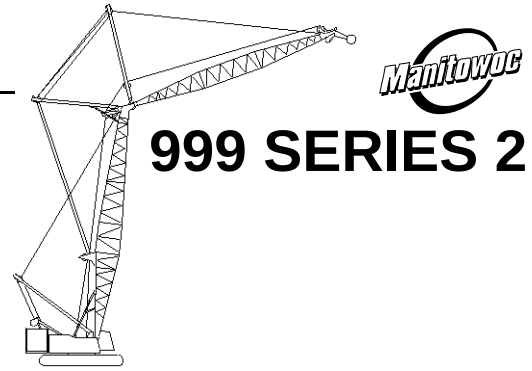
**Maximum Operating Wind Speeds
(all boom lengths)**

**10 m/s with 21.3m thru 33.5m Luffing Jib
7 m/s with 36.6m thru 61.0m Luffing Jib
5 m/s with 64.0m thru 73.2m Luffing Jib**



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	40 800b																16.0
18.0	63.4	81.3	32 400*	67.2	82.1	36 500																18.0
20.0	59.1	80.2	31 000*	63.0	81.1	32 800	68.6	82.1	30 600b													20.0
22.0	54.6	78.9	28 600*	58.7	80.0	29 800	64.5	81.2	27 700													22.0
24.0	49.8	77.3	25 800*	54.1	78.6	27 200	60.2	80.1	25 200													24.0
26.0	44.6	75.4	23 400*	49.3	77.0	25 000	55.7	78.8	23 100	61.7	80.0	21 300										26.0
28.0	38.9	73.1	21 400*	44.1	75.0	23 100	51.0	77.3	21 300	57.3	78.8	19 600										28.0
30.0	32.3	70.2	19 700*	38.3	72.7	21 400	45.9	75.5	19 700	52.7	77.4	18 100										30.0
32.0	24.1	66.3	18 400*	31.6	69.7	20 000	40.4	73.3	18 300	47.7	75.7	16 800	58.2	78.1	14 300							32.0
34.0				23.2	65.8	18 700	34.0	70.6	17 100	42.3	73.6	15 600	53.6	76.7	13 300							34.0
36.0							26.4	67.0	16 000	36.3	71.1	14 600	48.7	75.0	12 300							36.0
38.0							15.5	61.6	15 100	29.2	67.9	13 600	43.4	73.0	11 500	54.3	75.5	9 500				38.0
40.0										19.8	63.4	12 800	37.6	70.6	10 700	49.5	73.8	8 800				40.0
42.0													30.7	67.6	10 000	44.2	71.9	8 200				42.0
44.0													22.0	63.4	9 400	38.5	69.6	7 600				44.0
46.0																31.8	66.7	7 100	44.7	70.3	5 500	46.0
48.0																23.5	62.7	6 600	38.9	68.0	5 100	48.0
50.0																9.7	55.7	6 300	32.4	65.1	4 700	50.0
52.0																			24.2	61.3	4 300	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**

**Maximum Operating Wind Speeds
(all boom lengths)**

10 m/s with 21.3m thru 33.5m Luffing Jib
7 m/s with 36.6m thru 61.0m Luffing Jib
5 m/s with 64.0m thru 73.2m Luffing Jib

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.	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	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	35 900																18.0
20.0	62.2	83.7	29 100*	65.7	84.5	32 300	70.7	85.3	30 100													20.0
22.0	58.2	82.5	27 700*	61.8	83.5	29 300	67.0	84.5	27 200													22.0
24.0	54.1	81.2	25 200*	57.8	82.3	26 800	63.2	83.6	24 800													24.0
26.0	49.7	79.6	22 900*	53.7	80.9	24 600	59.3	82.4	22 700	64.5	83.5	21 000										26.0
28.0	45.0	77.7	20 900*	49.3	79.3	22 700	55.2	81.1	21 000	60.6	82.4	19 300										28.0
30.0	39.9	75.4	19 100*	44.5	77.4	21 000	50.8	79.6	19 400	56.6	81.2	17 800										30.0
32.0	34.1	72.7	17 600*	39.3	75.1	19 500	46.2	77.8	18 000	52.3	79.7	16 500	61.4	81.6	14 100							32.0
34.0	27.3	69.3	16 400*	33.5	72.3	18 300	41.2	75.6	16 800	47.8	78.0	15 300	57.4	80.4	13 000							34.0
36.0	18.2	64.3	15 700*	26.5	68.7	17 200	35.6	73.0	15 600	43.0	76.0	14 300	53.2	79.0	12 000							36.0
38.0				17.0	63.6	16 200	29.1	69.8	14 700	37.6	73.5	13 300	48.7	77.3	11 200							38.0
40.0							20.8	65.4	13 900	31.5	70.6	12 500	44.0	75.4	10 500	53.8	77.8	8 500				40.0
42.0										23.9	66.6	11 800	38.7	73.0	9 800	49.4	76.1	7 900				42.0
44.0										12.6	60.3	11 200	32.8	70.2	9 200	44.7	74.2	7 300				44.0
46.0													25.6	66.5	8 600	39.5	72.0	6 900	49.8	74.5	5 200	46.0
48.0													15.6	61.0	8 100	33.7	69.2	6 400	45.1	72.6	4 800	48.0
50.0																26.8	65.7	5 900	39.9	70.4	4 400	50.0
52.0																17.4	60.6	5 600	34.2	67.7	4 100	52.0
54.0																			27.4	64.2	3 800	54.0
56.0																			18.3	59.3	3 500	56.0



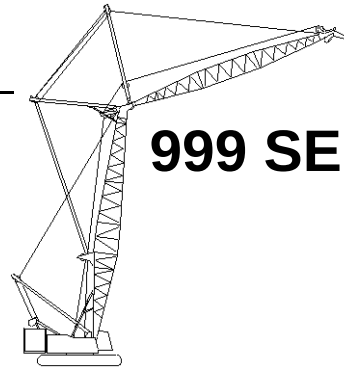
Liftcrane Luffing Jib Capacities

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**

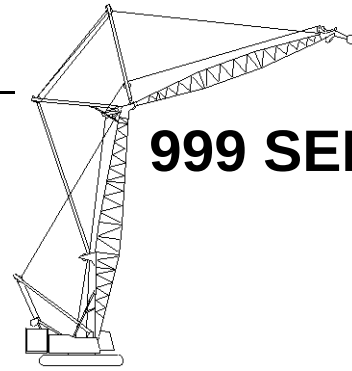
**Maximum Operating Wind Speeds
(all boom lengths)**

10 m/s with 21.3m thru 33.5m Luffing Jib
7 m/s with 36.6m thru 61.0m Luffing Jib
5 m/s with 64.0m thru 73.2m Luffing Jib



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*																			13.7
14.0	74.8	89.4	30 800*																			14.0
16.0	71.5	88.8	29 500*																			16.0
18.0	68.1	88.0	28 700*	71.2	88.6	35 000																18.0
20.0	64.7	87.1	27 500*	67.8	87.8	31 800																20.0
22.0	61.2	86.1	26 100*	64.4	86.9	28 900	69.0	87.8	26 800													22.0
24.0	57.5	84.9	24 500*	60.8	85.9	26 400	65.6	87.0	24 400													24.0
26.0	53.7	83.5	22 300*	57.1	84.6	24 200	62.1	86.0	22 400	66.7	86.8	20 600										26.0
28.0	49.6	81.9	20 400*	53.3	83.2	22 400	58.4	84.8	20 600	63.3	85.9	18 900										28.0
30.0	45.4	80.0	18 600*	49.2	81.6	20 700	54.7	83.4	19 100	59.7	84.8	17 500										30.0
32.0	40.7	77.8	17 100*	44.9	79.7	19 300	50.7	81.9	17 700	56.0	83.5	16 200										32.0
34.0	35.6	75.2	15 800*	40.2	77.5	18 000	46.5	80.1	16 500	52.1	82.0	15 000	60.4	84.0	12 700							34.0
36.0	29.6	72.0	14 700*	35.0	74.8	16 800	41.9	78.0	15 400	47.9	80.3	14 000	56.7	82.7	11 800							36.0
38.0	22.3	67.8	14 000*	29.0	71.5	15 800	36.9	75.5	14 400	43.5	78.3	13 100	52.8	81.3	11 000							38.0
40.0				21.5	67.2	14 900	31.2	72.5	13 500	38.7	75.9	12 200	48.8	79.6	10 200	57.3	81.5	8 300				40.0
42.0							24.4	68.6	12 700	33.3	73.1	11 500	44.4	77.7	9 500	53.4	80.1	7 700				42.0
44.0							14.7	62.7	12 100	26.9	69.6	10 800	39.7	75.4	8 900	49.4	78.4	7 100				44.0
46.0										18.5	64.7	10 200	34.4	72.7	8 300	45.1	76.6	6 600				46.0
48.0													28.3	69.3	7 800	40.4	74.3	6 100	49.7	76.8	4 600	48.0
50.0													20.5	64.8	7 400	35.2	71.7	5 700	45.4	74.9	4 200	50.0
52.0																29.2	68.5	5 300	40.8	72.7	3 800	52.0
54.0																21.8	64.2	5 000	35.6	70.1	3 500	54.0
56.0																9.8	56.8	4 700	29.7	67.0	3 200	56.0
58.0																			22.4	62.8	2 900	58.0



Liftcrane Luffing Jib Capacities

999 SERIES 2

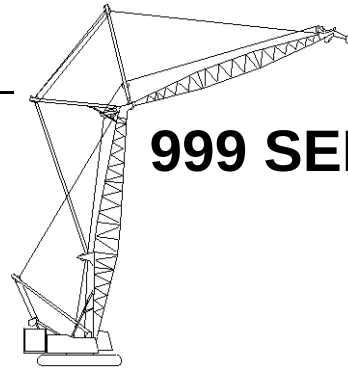
**Luffing Jib No. 149 With
Jib Backstay Pendants On
Boom No. 82
83 730 kg Crane Counterweight
19 960 kg Carbody Counterweight
360 Degree Rating**

**Maximum Operating Wind Speeds
(all boom lengths)**

10 m/s with 21.3m thru 33.5m Luffing Jib
7 m/s with 36.6m thru 61.0m Luffing Jib
5 m/s with 64.0m thru 73.2m Luffing Jib

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.	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	
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	31 300																20.0
22.0	63.6	89.6	24 700*	66.5	90.3	28 300																22.0
24.0	60.3	88.5	23 700*	63.3	89.3	25 800	67.6	90.3	23 900													24.0
26.0	56.9	87.2	21 700*	60.0	88.2	23 700	64.4	89.4	21 900													26.0
28.0	53.3	85.8	19 900*	56.5	87.0	21 900	61.1	88.3	20 100	65.5	89.3	18 500										28.0
30.0	49.6	84.2	18 200*	53.0	85.5	20 200	57.7	87.1	18 600	62.2	88.3	17 000										30.0
32.0	45.6	82.3	16 800*	49.2	83.9	18 800	54.2	85.8	17 200	58.9	87.1	15 700										32.0
34.0	41.4	80.2	15 400*	45.2	82.0	17 500	50.6	84.2	16 100	55.4	85.8	14 600										34.0
36.0	36.8	77.6	14 300*	41.0	79.8	16 400	46.7	82.4	14 900	51.8	84.3	13 600	59.6	86.3	11 400							36.0
38.0	31.5	74.6	13 300*	36.3	77.3	15 400	42.5	80.3	14 000	48.0	82.6	12 600	56.1	85.0	10 600							38.0
40.0	25.3	70.8	12 600*	31.0	74.2	14 400	38.0	77.9	13 100	43.9	80.6	11 800	52.6	83.6	9 800							40.0
42.0	17.1	65.5	12 200*	24.6	70.3	13 600	32.9	75.0	12 300	39.6	78.3	11 100	48.8	81.9	9 100							42.0
44.0				16.1	64.7	12 900	27.0	71.5	11 600	34.7	75.6	10 400	44.8	80.0	8 500	53.1	82.4	6 700				44.0
46.0							19.5	66.7	11 000	29.1	72.3	9 800	40.5	77.8	7 900	49.4	80.7	6 200				46.0
48.0										22.3	68.1	9 200	35.7	75.2	7 400	45.4	78.9	5 800				48.0
50.0										12.3	61.4	8 800	30.3	72.0	7 000	41.1	76.7	5 300	49.6	79.1	3 800	50.0
52.0													23.8	68.0	6 500	36.4	74.2	5 000	45.7	77.2	3 500	52.0
54.0													14.8	62.1	6 200	31.2	71.1	4 600	41.5	75.1	3 200	54.0
56.0																24.9	67.3	4 300	36.8	72.6	2 900	56.0
58.0																16.5	61.8	4 000	31.6	69.6	2 600	58.0
60.0																			25.4	65.8	2 300	60.0
62.0																			17.3	60.5	2 100	62.0



Liftcrane Luffing Jib Capacities

999 SERIES 2

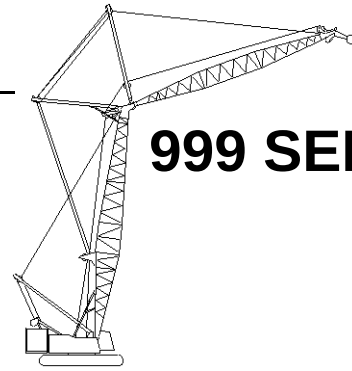
**Luffing Jib No. 149 With
Jib Backstay Pendants On
Boom No. 82
83 730 kg Crane Counterweight
19 960 kg Carbody Counterweight
360 Degree Rating**

**Maximum Operating Wind Speeds
(all boom lengths)**

**10 m/s with 21.3m thru 33.5m Luffing Jib
7 m/s with 36.6m thru 61.0m Luffing Jib
5 m/s with 64.0m thru 73.2m Luffing Jib**

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	27 800																22.0
24.0	62.6	92.0	22 500*	65.3	92.7	25 200	69.3	93.6	23 300													24.0
26.0	59.5	90.8	21 100*	62.3	91.7	23 100	66.3	92.8	21 300													26.0
28.0	56.3	89.5	19 300*	59.2	90.6	21 300	63.4	91.8	19 600													28.0
30.0	53.0	88.1	17 800*	56.0	89.3	19 700	60.3	90.7	18 100	64.4	91.7	16 500										30.0
32.0	49.6	86.5	16 300*	52.7	87.8	18 300	57.1	89.5	16 700	61.4	90.7	15 200										32.0
34.0	45.9	84.6	15 100*	49.2	86.2	17 000	53.9	88.1	15 500	58.2	89.5	14 100										34.0
36.0	42.0	82.5	14 000*	45.5	84.3	15 900	50.4	86.5	14 400	55.0	88.1	13 100										36.0
38.0	37.7	80.1	13 000*	41.6	82.2	14 900	46.8	84.7	13 500	51.6	86.6	12 100	58.9	88.7	10 000							38.0
40.0	33.0	77.2	12 100*	37.3	79.7	13 900	43.0	82.6	12 600	48.1	84.9	11 300	55.6	87.4	9 300							40.0
42.0	27.6	73.7	11 400*	32.6	76.8	13 100	38.8	80.3	11 800	44.3	82.9	10 600	52.3	85.9	8 600							42.0
44.0	21.0	69.2	10 900*	27.1	73.2	12 400	34.3	77.5	11 100	40.3	80.7	9 900	48.8	84.2	8 000							44.0
46.0				20.2	68.5	11 700	29.1	74.2	10 500	35.9	78.1	9 300	45.1	82.3	7 400	52.8	84.7	5 700				46.0
48.0							22.8	70.0	9 900	30.9	75.0	8 700	41.1	80.1	6 900	49.3	83.0	5 300				48.0
50.0							14.1	63.9	9 400	25.1	71.2	8 200	36.8	77.6	6 500	45.7	81.2	4 900				50.0
52.0										17.6	65.9	7 800	32.0	74.6	6 000	41.7	79.0	4 500	49.6	81.4	3 000	52.0
54.0													26.4	71.0	5 700	37.5	76.6	4 100	45.9	79.5	2 700	54.0
56.0													19.3	66.1	5 300	32.7	73.7	3 800	42.0	77.4	2 400	56.0
58.0																27.3	70.1	3 500	37.8	75.0	2 100	58.0
60.0																20.5	65.5	3 200	33.1	72.1	1 900	60.0
62.0																9.9	57.9	3 000				62.0



Liftcrane Luffing Jib Capacities

999 SERIES 2

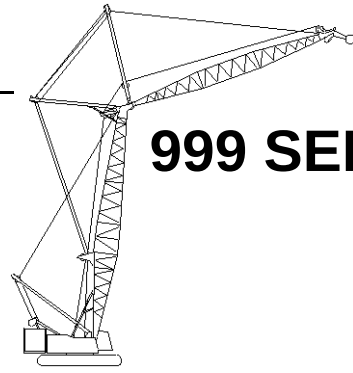
**Luffing Jib No. 149 With
Jib Backstay Pendants On
Boom No. 82
83 730 kg Crane Counterweight
19 960 kg Carbody Counterweight
360 Degree Rating**

**Maximum Operating Wind Speeds
(all boom lengths)**

10 m/s with 21.3m thru 33.5m Luffing Jib
7 m/s with 36.6m thru 61.0m Luffing Jib
5 m/s with 64.0m thru 73.2m Luffing Jib

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.	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	
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	26 900																22.0
24.0	64.6	95.4	21 300*	67.1	96.1	24 900																24.0
26.0	61.8	94.3	20 400*	64.3	95.2	22 800	68.0	96.1	20 900													26.0
28.0	58.9	93.2	18 800*	61.5	94.1	21 000	65.3	95.2	19 200													28.0
30.0	55.9	91.9	17 300*	58.6	92.9	19 400	62.5	94.2	17 700	66.2	95.1	16 200										30.0
32.0	52.8	90.4	16 000*	55.6	91.6	18 000	59.6	93.1	16 400	63.4	94.1	14 900										32.0
34.0	49.5	88.8	14 800*	52.4	90.1	16 700	56.6	91.8	15 200	60.6	93.0	13 800										34.0
36.0	46.1	86.9	13 700*	49.2	88.5	15 600	53.5	90.4	14 200	57.6	91.8	12 800										36.0
38.0	42.5	84.8	12 700*	45.8	86.6	14 600	50.3	88.8	13 200	54.6	90.4	11 900										38.0
40.0	38.6	82.5	11 800*	42.1	84.5	13 700	47.0	87.0	12 400	51.4	88.9	11 100	58.2	91.0	9 100							40.0
42.0	34.3	79.7	11 100*	38.2	82.1	12 800	43.4	85.0	11 500	48.1	87.2	10 300	55.2	89.7	8 400							42.0
44.0	29.5	76.4	10 400*	33.9	79.3	12 100	39.6	82.7	10 800	44.6	85.2	9 700	52.1	88.2	7 800							44.0
46.0	23.8	72.4	10 000*	29.0	76.0	11 400	35.4	80.0	10 200	40.9	83.0	9 000	48.8	86.5	7 200	55.7	88.5	5 500				46.0
48.0	16.3	66.7	9 700*	23.2	71.8	10 800	30.8	76.9	9 600	36.9	80.5	8 500	45.4	84.6	6 700	52.6	87.0	5 000				48.0
50.0				15.4	65.9	10 300	25.4	73.1	9 100	32.4	77.6	8 000	41.7	82.5	6 300	49.3	85.3	4 600				50.0
52.0							18.5	68.0	8 600	27.3	74.0	7 500	37.7	80.0	5 800	45.9	83.5	4 300				52.0
54.0										21.1	69.5	7 100	33.4	77.2	5 400	42.2	81.4	3 900	49.6	83.7	2 500	54.0
56.0										12.0	62.5	6 800	28.4	73.8	5 100	38.3	79.0	3 600	46.2	81.9	2 200	56.0
58.0													22.5	69.5	4 700	34.0	76.2	3 300	42.5	79.8	1 900	58.0
60.0													14.3	63.3	4 500	29.2	72.9	3 000				60.0
62.0																23.4	68.8	2 800				62.0
64.0																15.8	63.0	2 500				64.0



Liftcrane Luffing Jib Capacities

999 SERIES 2

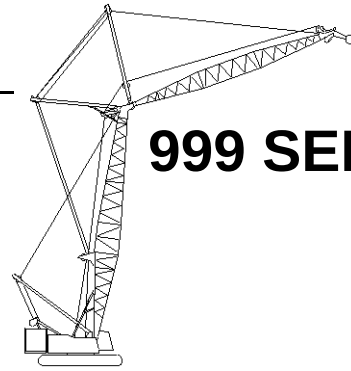
**Luffing Jib No. 149 With
Jib Backstay Pendants On
Boom No. 82
83 730 kg Crane Counterweight
19 960 kg Carbody Counterweight
360 Degree Rating**

**Maximum Operating Wind Speeds
(all boom lengths)**

**10 m/s with 21.3m thru 33.5m Luffing Jib
7 m/s with 36.6m thru 61.0m Luffing Jib
5 m/s with 64.0m thru 73.2m Luffing Jib**

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.	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	75.3	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	24 200													24.0
26.0	63.7	97.8	19 400*	66.0	98.5	22 200	69.5	99.4	20 300										26.0
28.0	61.0	96.7	18 400*	63.4	97.6	20 400	66.9	98.5	18 700										28.0
30.0	58.3	95.5	17 000*	60.7	96.5	18 800	64.3	97.6	17 200										30.0
32.0	55.4	94.2	15 700*	58.0	95.3	17 500	61.7	96.6	15 900	65.2	97.5	14 400							32.0
34.0	52.5	92.7	14 600*	55.2	93.9	16 200	59.0	95.4	14 700	62.6	96.5	13 300							34.0
36.0	49.5	91.1	13 500*	52.2	92.4	15 100	56.2	94.1	13 700	59.9	95.4	12 300							36.0
38.0	46.3	89.2	12 600*	49.2	90.8	14 100	53.3	92.7	12 700	57.1	94.1	11 400							38.0
40.0	42.9	87.2	11 700*	46.0	88.9	13 200	50.3	91.1	11 900	54.3	92.8	10 600	60.4	94.6	8 600				40.0
42.0	39.3	84.8	10 900*	42.6	86.8	12 400	47.1	89.3	11 100	51.3	91.2	9 900	57.7	93.4	7 900				42.0
44.0	35.4	82.2	10 200*	38.9	84.5	11 600	43.8	87.3	10 400	48.2	89.5	9 200	54.8	92.0	7 300				44.0
46.0	31.1	79.1	9 600*	35.0	81.8	10 900	40.2	85.0	9 700	44.9	87.6	8 600	51.9	90.5	6 800				46.0
48.0	26.1	75.3	9 100*	30.6	78.6	10 300	36.4	82.5	9 100	41.5	85.4	8 000	48.8	88.8	6 300	55.3	90.8	4 600	48.0
50.0	19.9	70.5	8 800*	25.5	74.8	9 700	32.2	79.5	8 600	37.7	82.9	7 500	45.6	86.9	5 800	52.3	89.3	4 200	50.0
52.0				19.2	69.8	9 300	27.4	75.9	8 100	33.7	80.1	7 000	42.2	84.8	5 400	49.3	87.6	3 800	52.0
54.0							21.6	71.4	7 700	29.1	76.8	6 600	38.5	82.4	5 000	46.1	85.8	3 500	54.0
56.0							13.7	65.0	7 300	23.7	72.7	6 200	34.5	79.7	4 600	42.7	83.7	3 100	56.0
58.0										16.8	67.1	5 900	30.1	76.5	4 300	39.1	81.4	2 800	58.0
60.0													24.9	72.5	4 000	35.1	78.7	2 600	60.0
62.0													18.4	67.4	3 700	30.8	75.5	2 300	62.0
64.0													7.5	58.3	3 500	25.7	71.7	2 100	64.0
66.0																19.5	66.8	1 900	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**

**Maximum Operating Wind Speeds
(all boom lengths)**

**10 m/s with 21.3m thru 33.5m Luffing Jib
7 m/s with 36.6m thru 61.0m Luffing Jib
5 m/s with 64.0m thru 73.2m Luffing Jib**

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



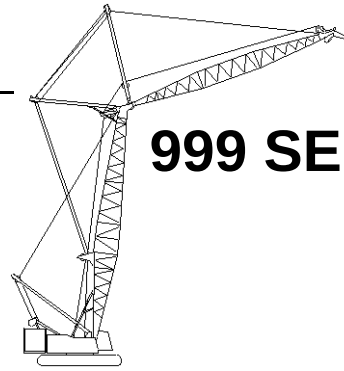
Liftcrane Luffing Jib Capacities

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**

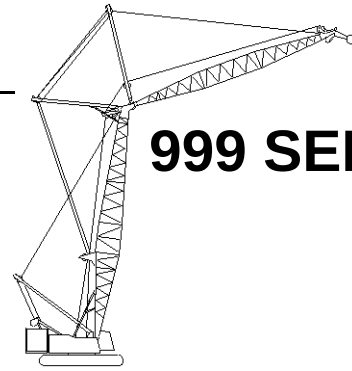
**Maximum Operating Wind Speeds
(all boom lengths)**

10 m/s with 21.3m thru 33.5m Luffing Jib
7 m/s with 36.6m thru 61.0m Luffing Jib
5 m/s with 64.0m thru 73.2m Luffing Jib



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	19 800	69.6	105.1	18 000							28.0
30.0	62.1	102.6	15 900*	64.3	103.4	18 200	67.4	104.3	16 600							30.0
32.0	59.7	101.4	14 900*	61.9	102.3	16 900	65.1	103.4	15 300							32.0
34.0	57.3	100.2	13 900*	59.5	101.2	15 600	62.7	102.4	14 200	65.9	103.3	12 700				34.0
36.0	54.8	98.8	12 900*	57.0	99.9	14 500	60.4	101.3	13 100	63.5	102.3	11 700				36.0
38.0	52.1	97.3	12 100*	54.5	98.6	13 600	57.9	100.1	12 200	61.2	101.3	10 900				38.0
40.0	49.4	95.7	11 200*	51.9	97.0	12 700	55.4	98.8	11 400	58.7	100.1	10 100				40.0
42.0	46.6	93.8	10 500*	49.2	95.4	11 800	52.8	97.3	10 600	56.3	98.8	9 400	61.6	100.5	7 400	42.0
44.0	43.6	91.8	9 800*	46.3	93.5	11 100	50.1	95.7	9 900	53.7	97.4	8 700	59.2	99.3	6 800	44.0
46.0	40.5	89.6	9 200*	43.3	91.5	10 400	47.3	93.9	9 300	51.0	95.8	8 100	56.8	98.0	6 300	46.0
48.0	37.1	87.0	8 700*	40.2	89.2	9 800	44.4	91.9	8 600	48.3	94.1	7 500	54.2	96.6	5 800	48.0
50.0	33.5	84.2	8 200*	36.8	86.7	9 200	41.3	89.7	8 100	45.4	92.2	7 000	51.6	95.1	5 300	50.0
52.0	29.4	80.9	7 800*	33.1	83.8	8 700	38.0	87.3	7 600	42.4	90.1	6 500	48.8	93.4	4 900	52.0
54.0	24.8	76.9	7 400*	29.0	80.4	8 200	34.4	84.5	7 100	39.1	87.7	6 100	46.0	91.5	4 500	54.0
56.0	19.1	71.8	7 200*	24.3	76.3	7 700	30.5	81.3	6 700	35.7	85.1	5 700	43.0	89.5	4 100	56.0
58.0				18.4	71.1	7 300	26.0	77.5	6 300	31.9	82.0	5 300	39.8	87.2	3 800	58.0
60.0							20.6	72.8	5 900	27.6	78.5	5 000	36.4	84.6	3 500	60.0
62.0							13.3	66.1	5 600	22.6	74.1	4 600	32.7	81.6	3 200	62.0
64.0										16.2	68.3	4 400	28.5	78.2	2 900	64.0
66.0													23.7	74.0	2 700	66.0
68.0													17.6	68.6	2 400	68.0
70.0													7.9	59.5	2 300	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**

**Maximum Operating Wind Speeds
(all boom lengths)**

**10 m/s with 21.3m thru 33.5m Luffing Jib
7 m/s with 36.6m thru 61.0m Luffing Jib
5 m/s with 64.0m thru 73.2m Luffing Jib**

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.	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	
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	17 900	68.6	107.6	16 200							30.0
32.0	61.5	104.9	14 400*	63.5	105.8	16 600	66.5	106.8	15 000							32.0
34.0	59.2	103.8	13 500*	61.3	104.7	15 300	64.3	105.8	13 900	67.2	106.6	12 400				34.0
36.0	56.9	102.5	12 600*	59.0	103.6	14 200	62.1	104.8	12 900	65.0	105.7	11 400				36.0
38.0	54.5	101.1	11 800*	56.6	102.3	13 300	59.8	103.7	11 900	62.8	104.7	10 600				38.0
40.0	52.0	99.6	11 000*	54.2	100.9	12 400	57.5	102.4	11 100	60.6	103.6	9 800				40.0
42.0	49.4	98.0	10 300*	51.7	99.4	11 600	55.1	101.1	10 300	58.3	102.4	9 100				42.0
44.0	46.7	96.1	9 600*	49.1	97.7	10 800	52.6	99.6	9 600	55.9	101.1	8 500	61.0	102.8	6 600	44.0
46.0	43.9	94.1	9 000*	46.5	95.8	10 200	50.1	98.0	9 000	53.5	99.7	7 900	58.7	101.6	6 000	46.0
48.0	41.0	91.9	8 500*	43.6	93.8	9 500	47.4	96.2	8 400	50.9	98.1	7 300	56.4	100.4	5 500	48.0
50.0	37.8	89.5	8 000*	40.7	91.6	8 900	44.6	94.2	7 800	48.3	96.4	6 800	53.9	98.9	5 100	50.0
52.0	34.4	86.7	7 600*	37.5	89.1	8 400	41.7	92.1	7 300	45.6	94.5	6 300	51.4	97.4	4 700	52.0
54.0	30.7	83.5	7 200*	34.1	86.3	7 900	38.6	89.7	6 900	42.7	92.4	5 900	48.9	95.7	4 300	54.0
56.0	26.5	79.8	6 900*	30.3	83.0	7 500	35.3	87.0	6 400	39.7	90.1	5 500	46.2	93.8	3 900	56.0
58.0	21.6	75.2	6 700*	26.1	79.3	7 100	31.7	83.9	6 100	36.5	87.5	5 100	43.3	91.8	3 600	58.0
60.0	15.2	69.1	6 500*	21.1	74.6	6 600	27.7	80.4	5 700	33.0	84.6	4 700	40.3	89.5	3 300	60.0
62.0				14.5	68.2	6 300	23.0	76.1	5 300	29.1	81.2	4 400	37.1	87.0	3 000	62.0
64.0							17.1	70.4	5 000	24.6	77.2	4 100	33.7	84.2	2 700	64.0
66.0										19.3	72.1	3 800	29.9	80.9	2 400	66.0
68.0										11.6	64.7	3 600	25.6	77.0	2 200	68.0
70.0													20.4	72.2	2 000	70.0



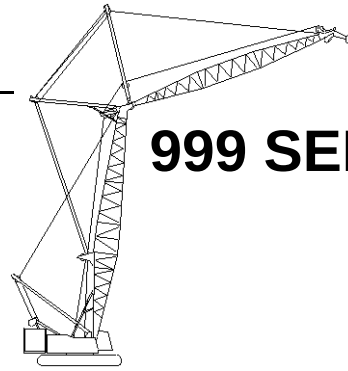
Liftcrane Luffing Jib Capacities

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**

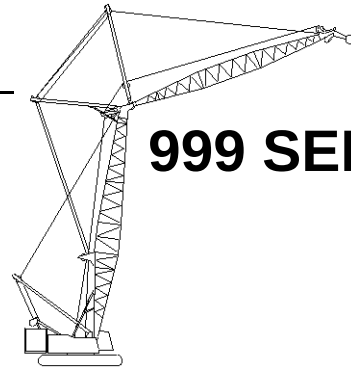
**Maximum Operating Wind Speeds
(all boom lengths)**

**10 m/s with 21.3m thru 33.5m Luffing Jib
7 m/s with 36.6m thru 61.0m Luffing Jib
5 m/s with 64.0m thru 73.2m Luffing Jib**



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	15 700							30.0
32.0	63.0	108.4	13 900*	64.9	109.2	16 100	67.7	110.1	14 500							32.0
34.0	60.9	107.3	13 000*	62.8	108.2	14 900	65.7	109.2	13 400							34.0
36.0	58.7	106.1	12 200*	60.7	107.1	13 800	63.6	108.2	12 400	66.4	109.1	11 000				36.0
38.0	56.5	104.9	11 500*	58.5	105.9	12 800	61.4	107.2	11 500	64.3	108.1	10 200				38.0
40.0	54.2	103.5	10 700*	56.3	104.6	11 900	59.3	106.0	10 600	62.2	107.1	9 400				40.0
42.0	51.8	101.9	10 100*	54.0	103.2	11 100	57.1	104.8	9 900	60.0	106.0	8 700				42.0
44.0	49.4	100.3	9 400*	51.6	101.7	10 400	54.8	103.4	9 200	57.8	104.8	8 000				44.0
46.0	46.8	98.4	8 900*	49.1	100.0	9 700	52.4	101.9	8 600	55.6	103.4	7 400	60.5	105.2	5 600	46.0
48.0	44.2	96.5	8 300*	46.6	98.1	9 100	50.0	100.3	8 000	53.2	102.0	6 900	58.3	104.0	5 100	48.0
50.0	41.4	94.3	7 900*	43.9	96.1	8 600	47.5	98.5	7 500	50.8	100.4	6 400	56.0	102.7	4 600	50.0
52.0	38.5	91.8	7 400*	41.1	93.9	8 000	44.9	96.6	6 900	48.4	98.7	5 900	53.7	101.3	4 200	52.0
54.0	35.3	89.1	7 000*	38.2	91.5	7 500	42.1	94.4	6 500	45.8	96.8	5 500	51.3	99.7	3 900	54.0
56.0	31.9	86.1	6 700*	35.0	88.7	7 100	39.2	92.1	6 100	43.1	94.7	5 100	48.9	98.0	3 500	56.0
58.0	28.1	82.6	6 400*	31.5	85.7	6 600	36.1	89.4	5 600	40.2	92.5	4 700	46.3	96.2	3 200	58.0
60.0	23.7	78.4	6 200*	27.7	82.1	6 200	32.8	86.5	5 300	37.2	89.9	4 300	43.6	94.1	2 900	60.0
62.0	18.4	73.1	6 000*	23.2	77.8	5 900	29.1	83.1	4 900	33.9	87.1	4 000	40.8	91.9	2 600	62.0
64.0	10.7	65.1	5 400*	17.8	72.3	5 600	24.9	79.1	4 600	30.4	83.9	3 700	37.8	89.4	2 300	64.0
66.0							19.8	74.1	4 300	26.3	80.1	3 400	34.6	86.6	2 000	66.0
68.0							13.0	67.2	4 100	21.7	75.5	3 200				68.0
70.0										15.7	69.5	3 000				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

Maximum Operating Wind Speeds
(all boom lengths)

10 m/s with 21.3m thru 33.5m Luffing Jib
7 m/s with 36.6m thru 61.0m Luffing Jib
5 m/s with 64.0m thru 73.2m Luffing Jib

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	15 600	68.8	113.4	14 100				32.0
34.0	62.4	110.8	12 600*	64.2	111.6	14 500	66.9	112.6	13 000				34.0
36.0	60.4	109.7	11 900*	62.2	110.6	13 400	64.9	111.6	12 000				36.0
38.0	58.3	108.5	11 100*	60.2	109.5	12 500	62.9	110.6	11 100	65.6	111.5	9 800	38.0
40.0	56.1	107.2	10 500*	58.1	108.2	11 600	60.9	109.6	10 300	63.6	110.6	9 000	40.0
42.0	54.0	105.8	9 900*	55.9	106.9	10 800	58.8	108.4	9 500	61.6	109.5	8 300	42.0
44.0	51.7	104.2	9 300*	53.7	105.5	10 100	56.7	107.1	8 900	59.5	108.4	7 700	44.0
46.0	49.4	102.6	8 700*	51.5	104.0	9 400	54.5	105.7	8 200	57.4	107.1	7 100	46.0
48.0	46.9	100.8	8 200*	49.1	102.3	8 800	52.3	104.2	7 600	55.3	105.8	6 600	48.0
50.0	44.4	98.8	7 700*	46.7	100.4	8 200	50.0	102.6	7 100	53.0	104.3	6 000	50.0
52.0	41.8	96.6	7 300*	44.2	98.5	7 700	47.6	100.8	6 600	50.8	102.7	5 600	52.0
54.0	39.0	94.2	6 900*	41.5	96.3	7 200	45.1	98.9	6 100	48.4	101.0	5 200	54.0
56.0	36.1	91.6	6 600*	38.7	93.9	6 700	42.5	96.8	5 700	45.9	99.1	4 700	56.0
58.0	32.9	88.6	6 200*	35.7	91.2	6 300	39.7	94.4	5 300	43.4	97.1	4 400	58.0
60.0	29.4	85.3	5 900*	32.5	88.2	5 900	36.8	91.9	4 900	40.7	94.8	4 000	60.0
62.0	25.4	81.4	5 700*	29.0	84.8	5 500	33.7	89.0	4 600	37.8	92.3	3 700	62.0
64.0	20.8	76.6	5 500*	25.0	80.8	5 200	30.3	85.8	4 300	34.8	89.6	3 400	64.0
66.0	14.8	70.2	5 100*	20.3	75.9	4 900	26.5	82.0	4 000	31.5	86.5	3 100	66.0
68.0				14.1	69.3	4 600	22.0	77.5	3 700	27.8	82.9	2 800	68.0
70.0							16.5	71.6	3 500	23.6	78.7	2 600	70.0
72.0										18.6	73.4	2 400	72.0
74.0										11.5	65.8	2 200	74.0



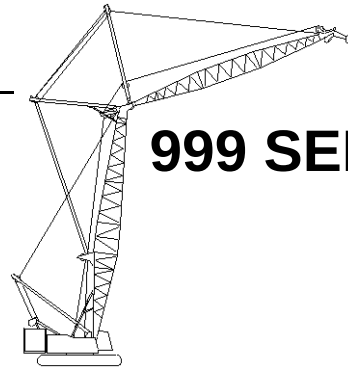
Liftcrane Luffing Jib Capacities

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

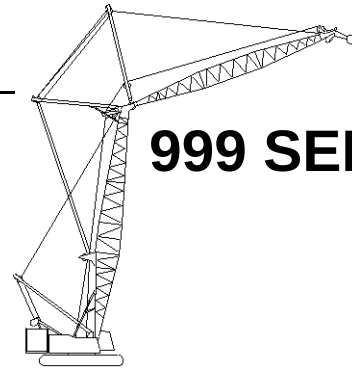
Maximum Operating Wind Speeds
(all boom lengths)

10 m/s with 21.3m thru 33.5m Luffing Jib
7 m/s with 36.6m thru 61.0m Luffing Jib
5 m/s with 64.0m thru 73.2m Luffing Jib



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.	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	75.4	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	13 600				32.0
34.0	63.8	114.2	11 900*	65.5	115.0	14 100	68.0	115.9	12 500				34.0
36.0	61.9	113.2	11 500*	63.6	114.0	13 000	66.1	115.0	11 600				36.0
38.0	59.9	112.1	10 800*	61.7	113.0	12 100	64.3	114.1	10 700				38.0
40.0	57.9	110.8	10 200*	59.7	111.8	11 200	62.3	113.0	9 900	64.9	114.0	8 600	40.0
42.0	55.8	109.5	9 600*	57.7	110.6	10 400	60.4	111.9	9 100	63.0	113.0	7 900	42.0
44.0	53.7	108.1	9 000*	55.6	109.3	9 700	58.4	110.7	8 400	61.0	111.9	7 200	44.0
46.0	51.6	106.5	8 500*	53.5	107.8	9 000	56.4	109.4	7 800	59.1	110.7	6 700	46.0
48.0	49.3	104.9	8 000*	51.4	106.3	8 400	54.3	108.0	7 200	57.0	109.5	6 100	48.0
50.0	47.0	103.1	7 500*	49.1	104.6	7 800	52.1	106.5	6 700	55.0	108.1	5 600	50.0
52.0	44.6	101.1	7 100*	46.8	102.8	7 300	49.9	104.9	6 200	52.9	106.6	5 200	52.0
54.0	42.1	98.9	6 700*	44.4	100.8	6 800	47.6	103.1	5 700	50.7	105.0	4 800	54.0
56.0	39.5	96.6	6 400*	41.9	98.6	6 300	45.3	101.2	5 300	48.4	103.3	4 300	56.0
58.0	36.7	94.0	6 100*	39.2	96.2	5 900	42.8	99.1	4 900	46.1	101.4	4 000	58.0
60.0	33.7	91.2	5 800*	36.4	93.6	5 500	40.2	96.8	4 600	43.6	99.4	3 600	60.0
62.0	30.5	87.9	5 500*	33.4	90.7	5 200	37.4	94.3	4 200	41.1	97.2	3 300	62.0
64.0	26.9	84.2	5 200*	30.2	87.5	4 800	34.5	91.5	3 900	38.4	94.7	3 000	64.0
66.0	22.8	79.8	4 900*	26.5	83.7	4 500	31.3	88.4	3 600	35.5	92.0	2 700	66.0
68.0	17.8	74.3	4 500*	22.3	79.2	4 200	27.8	84.8	3 300	32.4	89.0	2 500	68.0
70.0	10.6	66.2	3 800*	17.2	73.6	4 000	23.9	80.6	3 000	29.1	85.6	2 200	70.0
72.0							19.1	75.4	2 800	25.3	81.7	2 000	72.0
74.0							12.8	68.3	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

Maximum Operating Wind Speeds
(all boom lengths)

10 m/s with 21.3m thru 33.5m Luffing Jib
7 m/s with 36.6m thru 61.0m Luffing Jib
5 m/s with 64.0m thru 73.2m Luffing Jib

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 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	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	13 200	32.0
34.0	65.0	117.6	11 000*	66.6	118.3	13 000*	69.0	119.1	12 200	34.0
36.0	63.2	116.6	10 500*	64.8	117.4	12 400*	67.2	118.3	11 200	36.0
38.0	61.3	115.6	9 900*	63.0	116.4	11 700	65.5	117.4	10 300	38.0
40.0	59.4	114.4	9 300*	61.1	115.3	10 900	63.6	116.5	9 600	40.0
42.0	57.5	113.2	8 800*	59.3	114.2	10 100	61.8	115.4	8 800	42.0
44.0	55.5	111.8	8 300*	57.3	112.9	9 400	59.9	114.3	8 100	44.0
46.0	53.5	110.4	7 800*	55.4	111.6	8 700	58.0	113.1	7 500	46.0
48.0	51.5	108.8	7 400*	53.3	110.1	8 100	56.0	111.8	7 000	48.0
50.0	49.3	107.2	7 000*	51.3	108.6	7 500	54.0	110.3	6 400	50.0
52.0	47.1	105.4	6 500*	49.1	106.9	7 000	52.0	108.8	5 900	52.0
54.0	44.8	103.4	6 200*	46.9	105.1	6 500	49.9	107.2	5 500	54.0
56.0	42.5	101.3	5 900*	44.6	103.1	6 100	47.7	105.4	5 100	56.0
58.0	40.0	99.0	5 600*	42.2	100.9	5 600	45.4	103.5	4 700	58.0
60.0	37.3	96.4	5 300*	39.7	98.6	5 200	43.1	101.4	4 300	60.0
62.0	34.5	93.7	5 000*	37.1	96.1	4 900	40.6	99.2	3 900	62.0
64.0	31.5	90.5	4 800*	34.2	93.2	4 500	38.0	96.7	3 600	64.0
66.0	28.2	87.0	4 600*	31.2	90.1	4 200	35.2	94.0	3 300	66.0
68.0	24.4	82.9	4 300*	27.8	86.5	3 900	32.3	90.9	3 000	68.0
70.0	20.1	77.9	3 900*	24.1	82.3	3 600	29.0	87.5	2 800	70.0
72.0	14.5	71.4	3 600*	19.6	77.3	3 400	25.4	83.6	2 500	72.0
74.0				13.8	70.5	3 200	21.2	78.9	2 300	74.0
76.0							16.0	72.8	2 100	76.0

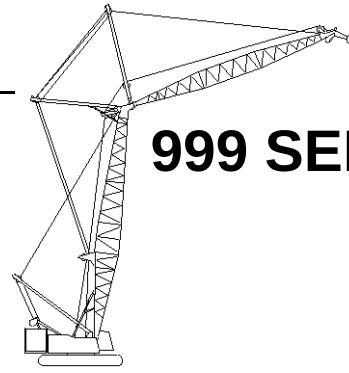


Liftcrane Luffing Jib Capacities

999 SERIES 2

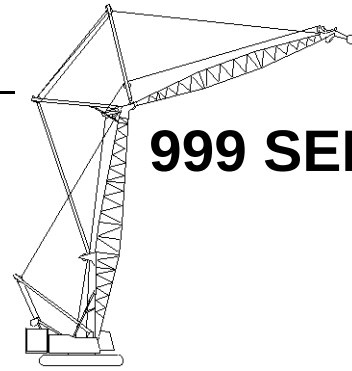
Luffing Jib No. 149 With
Jib Backstay Pendants On
Boom No. 82
83 730 kg Crane Counterweight
19 960 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speeds (all boom lengths)		
10 m/s with 21.3m thru 33.5m Luffing Jib		
7 m/s with 36.6m thru 61.0m Luffing Jib		
5 m/s with 64.0m thru 73.2m Luffing Jib		



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	11 700	34.0
36.0	64.4	120.0	9 900*	65.9	120.8	11 800*	68.2	121.6	10 800	36.0
38.0	62.6	119.0	9 600*	64.2	119.8	11 300*	66.5	120.8	9 900	38.0
40.0	60.8	117.9	9 000*	62.5	118.8	10 500	64.8	119.9	9 100	40.0
42.0	59.0	116.8	8 500*	60.7	117.7	9 700	63.1	118.9	8 400	42.0
44.0	57.2	115.5	8 100*	58.8	116.5	9 000	61.3	117.8	7 700	44.0
46.0	55.3	114.2	7 600*	57.0	115.3	8 300	59.5	116.7	7 100	46.0
48.0	53.3	112.7	7 200*	55.1	113.9	7 700	57.6	115.4	6 500	48.0
50.0	51.4	111.1	6 800*	53.2	112.4	7 100	55.8	114.1	6 000	50.0
52.0	49.3	109.5	6 400*	51.2	110.9	6 600	53.8	112.7	5 600	52.0
54.0	47.2	107.7	6 100*	49.1	109.2	6 100	51.9	111.1	5 100	54.0
56.0	45.0	105.7	5 800*	47.0	107.4	5 700	49.8	109.5	4 700	56.0
58.0	42.8	103.6	5 500*	44.8	105.4	5 300	47.7	107.7	4 300	58.0
60.0	40.4	101.3	5 200*	42.5	103.3	4 900	45.6	105.8	3 900	60.0
62.0	37.9	98.8	5 000*	40.1	101.0	4 500	43.3	103.7	3 600	62.0
64.0	35.2	96.1	4 700*	37.6	98.5	4 200	41.0	101.5	3 300	64.0
66.0	32.4	93.1	4 300*	35.0	95.7	3 800	38.5	99.1	3 000	66.0
68.0	29.3	89.7	3 900*	32.1	92.7	3 500	35.9	96.4	2 700	68.0
70.0	25.9	85.8	3 600*	29.0	89.2	3 300	33.1	93.5	2 400	70.0
72.0	22.0	81.3	3 300*	25.5	85.3	3 000	30.1	90.2	2 200	72.0
74.0	17.2	75.5	3 000*	21.6	80.6	2 800	26.8	86.4	1 900	74.0
76.0	10.6	67.3	2 400*	16.7	74.8	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**

**Maximum Operating Wind Speeds
(all boom lengths)**

10 m/s with 21.3m thru 33.5m Luffing Jib
7 m/s with 36.6m thru 61.0m Luffing Jib
5 m/s with 64.0m thru 73.2m Luffing Jib

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.	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	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	38 100b																18.0
20.0	43.0	71.6	34 000*	50.2	73.3	34 300	59.7	75.1	31 900b													20.0
22.0	34.2	68.9	30 900*	42.6	71.3	31 200	53.2	73.7	28 900b	62.3	75.1	26 800b										22.0
24.0	22.4	65.1	28 800*	33.7	68.7	28 600	46.0	71.9	26 400	55.9	73.9	24 400b										24.0
26.0							37.8	69.6	24 300	49.1	72.3	22 400										26.0
28.0							27.5	66.4	22 500	41.4	70.2	20 600	58.1	73.2	17 800b							28.0
30.0										32.2	67.4	19 100	51.4	71.7	16 400							30.0
32.0										19.2	63.1	17 800	44.0	69.8	15 200							32.0
34.0													35.4	67.3	14 100	53.3	70.7	11 900b				34.0
36.0													24.3	63.7	13 200	46.1	68.9	11 000				36.0
38.0																37.9	66.6	10 200				38.0
40.0																27.7	63.4	9 500	47.6	67.4	7 600	40.0
42.0																			39.7	65.2	7 100	42.0
44.0																			30.0	62.3	6 600	44.0

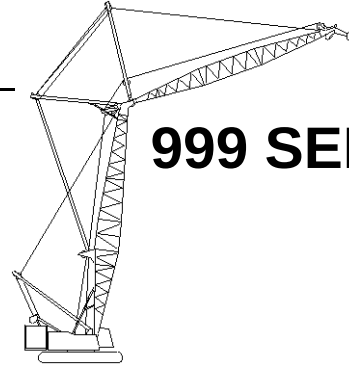


Liftcrane Luffing Jib Capacities

999 SERIES 2

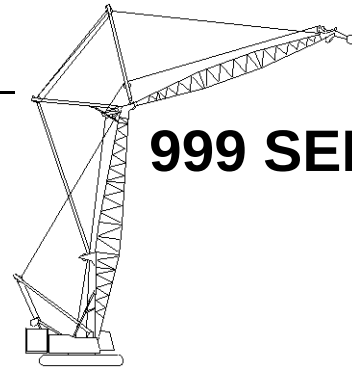
**Luffing Jib No. 149 With
Jib Backstay Pendants On
Boom No. 82
83 730 kg Crane Counterweight
19 960 kg Carbody Counterweight
360 Degree Rating**

Maximum Operating Wind Speeds (all boom lengths)		
10 m/s with 21.3m thru 33.5m Luffing Jib		
7 m/s with 36.6m thru 61.0m Luffing Jib		
5 m/s with 64.0m thru 73.2m Luffing Jib		



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	37 200b																18.0
20.0	50.3	75.8	32 700*	56.0	77.2	33 500	63.8	78.6	31 000b													20.0
22.0	43.8	73.9	29 300*	50.0	75.6	30 400	58.4	77.4	28 200b	66.0	78.5	26 000b										22.0
24.0	36.3	71.4	26 700*	43.5	73.7	27 900	52.6	76.0	25 700	60.7	77.5	23 700										24.0
26.0	27.2	68.1	24 700*	36.0	71.2	25 700	46.4	74.2	23 600	55.1	76.2	21 700										26.0
28.0				26.7	67.8	23 800	39.3	72.0	21 800	49.1	74.6	20 000										28.0
30.0							31.0	69.1	20 300	42.4	72.5	18 500	57.0	75.5	15 800							30.0
32.0							19.6	64.6	18 900	34.7	70.0	17 200	51.1	74.0	14 600							32.0
34.0										25.0	66.3	16 000	44.7	72.2	13 500							34.0
36.0													37.4	69.8	12 600	52.8	73.0	10 400				36.0
38.0													28.5	66.6	11 800	46.5	71.2	9 600				38.0
40.0																39.5	69.0	8 900				40.0
42.0																31.2	66.1	8 400	47.8	69.7	6 500	42.0
44.0																19.9	61.7	7 800	41.0	67.6	6 000	44.0
46.0																			33.0	64.9	5 600	46.0
48.0																			22.6	60.9	5 200	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**

**Maximum Operating Wind Speeds
(all boom lengths)**

10 m/s with 21.3m thru 33.5m Luffing Jib
7 m/s with 36.6m thru 61.0m Luffing Jib
5 m/s with 64.0m thru 73.2m Luffing Jib

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.	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	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	36 500b																18.0
20.0	55.5	79.7	31 400*	60.2	80.8	32 800	66.9	81.9	30 400b													20.0
22.0	50.2	78.1	28 400*	55.2	79.5	29 800	62.3	81.0	27 600b													22.0
24.0	44.4	76.2	25 700*	49.9	77.9	27 200	57.4	79.8	25 100	64.2	80.9	23 100										24.0
26.0	37.9	73.8	23 400*	44.1	76.0	25 100	52.2	78.3	23 100	59.5	79.8	21 200										26.0
28.0	30.3	70.8	21 600*	37.6	73.6	23 200	46.7	76.5	21 300	54.4	78.5	19 500										28.0
30.0	20.2	66.4	20 500*	30.0	70.5	21 500	40.5	74.4	19 700	49.1	76.9	18 000										30.0
32.0				19.7	66.0	20 100	33.4	71.6	18 400	43.2	74.9	16 700	56.1	77.9	14 100							32.0
34.0							24.6	67.9	17 200	36.5	72.4	15 600	50.9	76.3	13 100							34.0
36.0										28.6	69.2	14 500	45.2	74.5	12 200							36.0
38.0										17.6	64.3	13 700	38.8	72.2	11 300	52.4	75.3	9 200				38.0
40.0													31.4	69.3	10 600	46.8	73.5	8 600				40.0
42.0													21.8	65.1	9 900	40.7	71.4	7 900				42.0
44.0																33.6	68.7	7 400	47.9	72.0	5 700	44.0
46.0																24.8	65.0	6 900	41.9	70.0	5 200	46.0
48.0																			35.1	67.4	4 800	48.0
50.0																			26.8	63.9	4 400	50.0



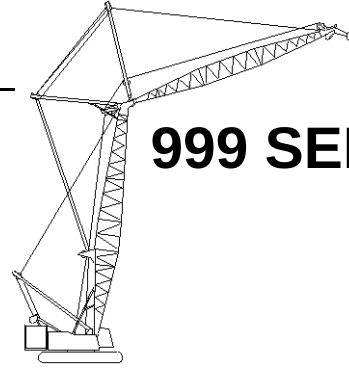
Liftcrane Luffing Jib Capacities

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**

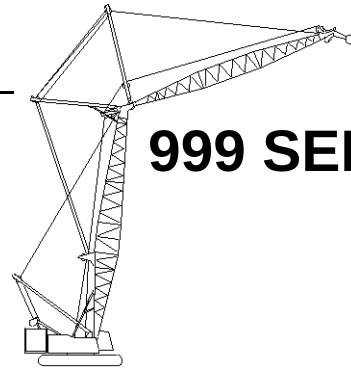
**Maximum Operating Wind Speeds
(all boom lengths)**

10 m/s with 21.3m thru 33.5m Luffing Jib
7 m/s with 36.6m thru 61.0m Luffing Jib
5 m/s with 64.0m thru 73.2m Luffing Jib



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.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib 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	72.4	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	35 600b																18.0
20.0	59.4	83.3	29 000*	63.5	84.3	32 100	69.4	85.2	29 700b													20.0
22.0	54.8	82.0	27 700*	59.2	83.1	29 100	65.3	84.4	26 800													22.0
24.0	50.0	80.4	25 000*	54.6	81.8	26 600	61.0	83.3	24 500													24.0
26.0	44.9	78.5	22 800*	49.8	80.2	24 400	56.6	82.1	22 500	62.8	83.3	20 600										26.0
28.0	39.2	76.2	20 800*	44.6	78.3	22 500	51.9	80.6	20 700	58.5	82.2	18 900										28.0
30.0	32.7	73.4	19 200*	38.9	76.0	20 900	46.9	78.8	19 100	53.9	80.8	17 400										30.0
32.0	24.6	69.6	18 100*	32.3	73.1	19 500	41.4	76.7	17 800	49.1	79.2	16 100	59.9	81.5	13 600							32.0
34.0				24.2	69.3	18 200	35.3	74.1	16 600	43.8	77.2	15 000	55.4	80.2	12 500							34.0
36.0							28.0	70.8	15 500	38.0	74.8	14 000	50.7	78.6	11 600							36.0
38.0							18.0	65.9	14 600	31.2	71.9	13 100	45.6	76.8	10 800							38.0
40.0										22.7	67.8	12 300	40.0	74.6	10 100	52.0	77.6	8 000				40.0
42.0													33.6	71.8	9 400	47.0	75.8	7 400				42.0
44.0													25.8	68.2	8 800	41.6	73.7	6 900				44.0
46.0																35.4	71.2	6 400	48.1	74.3	4 700	46.0
48.0																28.1	67.8	6 000	42.7	72.3	4 300	48.0
50.0																18.3	63.0	5 600	36.7	69.8	3 900	50.0
52.0																			29.7	66.7	3 600	52.0
54.0																			20.6	62.3	3 300	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**

**Maximum Operating Wind Speeds
(all boom lengths)**

10 m/s with 21.3m thru 33.5m Luffing Jib
7 m/s with 36.6m thru 61.0m Luffing Jib
5 m/s with 64.0m thru 73.2m Luffing Jib

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.	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	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	34 900																18.0
20.0	62.4	86.8	27 100*	66.1	87.7	31 800																20.0
22.0	58.5	85.7	26 400*	62.2	86.7	28 900	67.7	87.7	26 700													22.0
24.0	54.3	84.3	24 300*	58.3	85.5	26 400	63.9	86.8	24 300													24.0
26.0	49.9	82.7	22 000*	54.1	84.1	24 300	60.0	85.7	22 300	65.5	86.7	20 500										26.0
28.0	45.3	80.8	20 200*	49.7	82.5	22 400	55.9	84.4	20 600	61.6	85.7	18 800										28.0
30.0	40.2	78.6	18 500*	45.1	80.6	20 800	51.7	82.9	19 100	57.6	84.5	17 400										30.0
32.0	34.4	75.9	17 100*	39.9	78.4	19 400	47.1	81.2	17 700	53.5	83.1	16 100	62.9	85.0	13 600							32.0
34.0	27.7	72.5	16 000*	34.2	75.7	18 100	42.2	79.1	16 500	49.0	81.5	15 000	59.0	83.8	12 500							34.0
36.0	18.7	67.7	15 300*	27.3	72.2	17 000	36.7	76.6	15 400	44.3	79.5	14 000	54.9	82.5	11 600							36.0
38.0				18.3	67.3	16 000	30.4	73.5	14 500	39.1	77.2	13 100	50.5	80.9	10 800							38.0
40.0							22.6	69.4	13 600	33.2	74.4	12 200	45.9	79.1	10 100	56.0	81.4	8 000				40.0
42.0										26.1	70.8	11 500	40.9	76.9	9 400	51.7	79.9	7 500				42.0
44.0										16.4	65.5	10 900	35.2	74.3	8 800	47.2	78.1	6 900				44.0
46.0													28.6	71.0	8 300	42.3	76.1	6 400				46.0
48.0													20.1	66.5	7 800	36.8	73.6	6 000	48.1	76.6	4 300	48.0
50.0																30.6	70.5	5 600	43.3	74.6	3 900	50.0
52.0																22.8	66.4	5 200	38.0	72.2	3 600	52.0
54.0																			31.9	69.3	3 300	54.0
56.0																			24.5	65.5	3 000	56.0



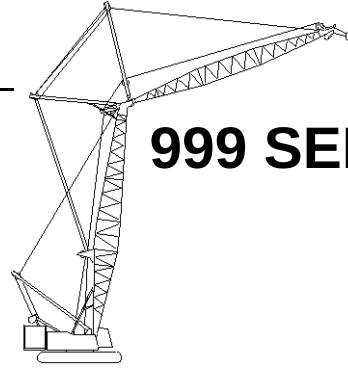
Liftcrane Luffing Jib Capacities

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**

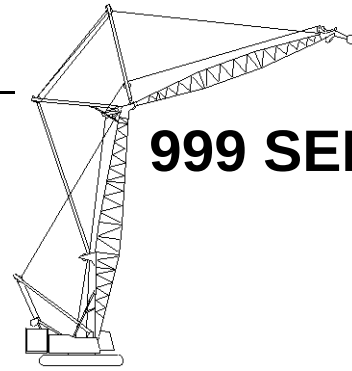
**Maximum Operating Wind Speeds
(all boom lengths)**

**10 m/s with 21.3m thru 33.5m Luffing Jib
7 m/s with 36.6m thru 61.0m Luffing Jib
5 m/s with 64.0m thru 73.2m Luffing Jib**



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.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib 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	92.6	28 800*																			13.7
14.0	75.0	92.5	28 600*																			14.0
16.0	71.7	91.9	27 500*																			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	31 200																20.0
22.0	61.4	89.2	24 800*	64.7	90.1	28 200	69.6	91.0	26 000													22.0
24.0	57.7	88.0	23 400*	61.2	89.0	25 800	66.2	90.2	23 700													24.0
26.0	53.9	86.6	21 400*	57.5	87.8	23 700	62.7	89.2	21 700	67.6	90.1	19 800										26.0
28.0	49.9	85.0	19 600*	53.7	86.4	21 900	59.1	88.0	20 000	64.2	89.2	18 200										28.0
30.0	45.6	83.1	18 100*	49.7	84.8	20 200	55.4	86.7	18 500	60.6	88.1	16 800										30.0
32.0	41.0	81.0	16 600*	45.4	82.9	18 800	51.4	85.2	17 100	57.0	86.8	15 600										32.0
34.0	35.9	78.4	15 300*	40.8	80.7	17 600	47.3	83.5	16 000	53.1	85.4	14 400	61.8	87.4	12 000							34.0
36.0	30.0	75.2	14 300*	35.6	78.1	16 400	42.8	81.4	14 900	49.0	83.8	13 400	58.2	86.2	11 100							36.0
38.0	22.8	71.1	13 600*	29.7	74.9	15 400	37.9	79.0	14 000	44.7	81.8	12 500	54.4	84.8	10 300							38.0
40.0				22.4	70.7	14 500	32.4	76.1	13 100	40.0	79.6	11 700	50.4	83.2	9 600							40.0
42.0							25.8	72.4	12 300	34.8	76.9	11 000	46.2	81.4	8 900	55.5	83.7	6 900				42.0
44.0							16.9	67.1	11 700	28.7	73.6	10 300	41.6	79.3	8 300	51.5	82.2	6 400				44.0
46.0										21.1	69.2	9 800	36.6	76.8	7 800	47.4	80.4	5 900				46.0
48.0													30.8	73.7	7 200	42.9	78.4	5 500				48.0
50.0													23.8	69.7	6 800	38.0	76.0	5 100	48.2	78.9	3 400	50.0
52.0																32.5	73.1	4 700	43.8	77.0	3 100	52.0
54.0																25.9	69.4	4 400	39.0	74.6	2 800	54.0
56.0																17.1	64.2	4 100	33.6	71.9	2 500	56.0
58.0																			27.4	68.4	2 300	58.0
60.0																			19.2	63.6	2 100	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**

**Maximum Operating Wind Speeds
(all boom lengths)**

10 m/s with 21.3m thru 33.5m Luffing Jib
7 m/s with 36.6m thru 61.0m Luffing Jib
5 m/s with 64.0m thru 73.2m Luffing Jib

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.	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	
15.2	74.3	95.3	26 100*																			15.2
16.0	73.1	95.1	25 800*																			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	27 700																22.0
24.0	60.5	91.6	22 400*	63.6	92.5	25 300	68.2	93.5	23 200													24.0
26.0	57.1	90.3	20 800*	60.3	91.4	23 200	65.0	92.6	21 200													26.0
28.0	53.5	88.9	19 100*	56.9	90.1	21 400	61.7	91.6	19 500	66.3	92.5	17 800										28.0
30.0	49.8	87.3	17 600*	53.4	88.7	19 800	58.4	90.4	18 000	63.1	91.6	16 400										30.0
32.0	45.9	85.5	16 200*	49.6	87.1	18 400	54.9	89.0	16 700	59.8	90.4	15 100										32.0
34.0	41.6	83.3	15 000*	45.7	85.2	17 100	51.2	87.5	15 500	56.4	89.2	14 000										34.0
36.0	37.0	80.8	13 900*	41.4	83.1	16 000	47.4	85.8	14 500	52.8	87.7	13 000	60.9	89.7	10 700							36.0
38.0	31.8	77.8	13 000*	36.8	80.6	15 000	43.3	83.7	13 500	49.0	86.1	12 100	57.5	88.5	9 900							38.0
40.0	25.7	74.1	12 300*	31.6	77.6	14 100	38.8	81.4	12 700	45.0	84.2	11 300	54.0	87.1	9 200							40.0
42.0	17.7	68.9	11 800*	25.4	73.8	13 300	33.9	78.6	11 900	40.8	82.0	10 600	50.3	85.5	8 500							42.0
44.0				17.2	68.5	12 600	28.2	75.2	11 200	36.0	79.4	9 900	46.4	83.7	7 900	55.0	86.0	6 000				44.0
46.0							21.1	70.8	10 600	30.7	76.3	9 300	42.2	81.6	7 400	51.3	84.5	5 600				46.0
48.0										24.3	72.3	8 800	37.6	79.2	6 900	47.5	82.7	5 100				48.0
50.0										15.6	66.7	8 300	32.5	76.3	6 400	43.4	80.7	4 700				50.0
52.0													26.6	72.7	6 000	38.9	78.4	4 400	48.3	81.2	2 800	52.0
54.0													18.9	67.8	5 600	34.0	75.6	4 000	44.2	79.3	2 500	54.0
56.0																28.3	72.3	3 700	39.9	77.0	2 200	56.0
58.0																21.3	67.8	3 400	35.0	74.3	1 900	58.0



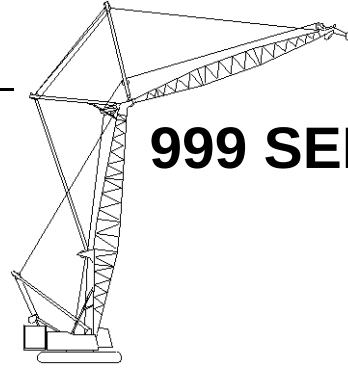
Liftcrane Luffing Jib Capacities

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**

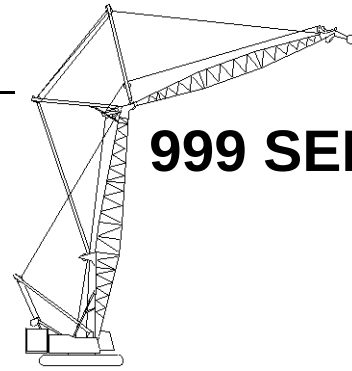
**Maximum Operating Wind Speeds
(all boom lengths)**

10 m/s with 21.3m thru 33.5m Luffing Jib
7 m/s with 36.6m thru 61.0m Luffing Jib
5 m/s with 64.0m thru 73.2m Luffing Jib



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 Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
15.2	75.4	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	26 900													22.0
24.0	62.8	95.1	21 300*	65.6	95.9	24 700													24.0
26.0	59.7	93.9	20 200*	62.6	94.9	22 600	66.9	96.0	20 600										26.0
28.0	56.5	92.7	18 600*	59.6	93.8	20 800	63.9	95.0	19 000										28.0
30.0	53.2	91.2	17 100*	56.4	92.5	19 300	60.9	93.9	17 500	65.2	95.0	15 800							30.0
32.0	49.7	89.6	15 800*	53.1	91.0	17 900	57.7	92.7	16 200	62.2	93.9	14 600							32.0
34.0	46.1	87.8	14 600*	49.6	89.4	16 600	54.5	91.4	15 000	59.1	92.8	13 500							34.0
36.0	42.2	85.7	13 600*	45.9	87.6	15 500	51.1	89.8	14 000	55.9	91.5	12 500							36.0
38.0	38.0	83.2	12 600*	42.0	85.4	14 500	47.5	88.1	13 000	52.5	90.0	11 600	60.1	92.1	9 400				38.0
40.0	33.3	80.4	11 800*	37.8	83.0	13 600	43.7	86.1	12 200	49.0	88.4	10 800	56.9	90.8	8 700				40.0
42.0	28.0	77.0	11 100*	33.1	80.1	12 800	39.6	83.8	11 400	45.3	86.5	10 100	53.6	89.4	8 000				42.0
44.0	21.4	72.5	10 600*	27.7	76.7	12 000	35.2	81.1	10 700	41.4	84.3	9 400	50.2	87.8	7 400				44.0
46.0				21.1	72.1	11 400	30.1	77.9	10 100	37.1	81.8	8 900	46.6	86.0	6 900	54.6	88.3	5 100	46.0
48.0							24.1	73.9	9 500	32.3	78.9	8 300	42.7	84.0	6 400	51.2	86.8	4 600	48.0
50.0							16.1	68.3	9 000	26.8	75.3	7 800	38.6	81.6	5 900	47.6	85.0	4 200	50.0
52.0										19.8	70.5	7 400	34.0	78.8	5 500	43.8	83.1	3 900	52.0
54.0													28.7	75.5	5 200	39.7	80.8	3 500	54.0
56.0													22.4	71.2	4 800	35.3	78.1	3 200	56.0
58.0																30.2	75.0	2 900	58.0
60.0																24.3	71.0	2 700	60.0
62.0																16.3	65.4	2 500	62.0



Liftcrane Luffing Jib Capacities

999 SERIES 2

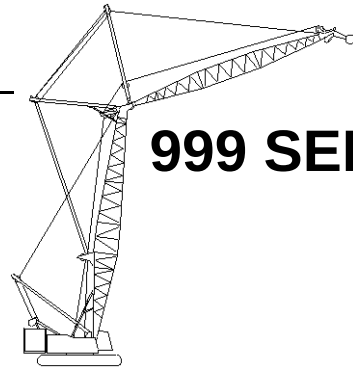
**Luffing Jib No. 149 With
Jib Backstay Pendants On
Boom No. 82
83 730 kg Crane Counterweight
19 960 kg Carbody Counterweight
360 Degree Rating**

**Maximum Operating Wind Speeds
(all boom lengths)**

**10 m/s with 21.3m thru 33.5m Luffing Jib
7 m/s with 36.6m thru 61.0m Luffing Jib
5 m/s with 64.0m thru 73.2m Luffing Jib**

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.	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	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	24 200													24.0
26.0	61.9	97.4	19 100*	64.6	98.3	22 200	68.5	99.3	20 300										26.0
28.0	59.0	96.3	18 200*	61.8	97.3	20 500	65.8	98.4	18 600										28.0
30.0	56.0	95.0	16 800*	58.9	96.1	18 900	63.0	97.4	17 200										30.0
32.0	52.9	93.5	15 600*	55.9	94.8	17 600	60.1	96.3	15 900	64.2	97.4	14 300							32.0
34.0	49.7	91.9	14 400*	52.8	93.3	16 300	57.2	95.1	14 800	61.3	96.3	13 200							34.0
36.0	46.3	90.1	13 400*	49.5	91.7	15 200	54.1	93.7	13 700	58.4	95.1	12 200							36.0
38.0	42.7	88.0	12 400*	46.1	89.9	14 200	51.0	92.1	12 700	55.4	93.8	11 400							38.0
40.0	38.8	85.6	11 600*	42.5	87.8	13 300	47.6	90.4	11 900	52.3	92.3	10 600	59.4	94.5	8 400				40.0
42.0	34.6	82.9	10 800*	38.6	85.4	12 500	44.1	88.4	11 200	49.0	90.7	9 900	56.4	93.2	7 800				42.0
44.0	29.8	79.7	10 200*	34.4	82.6	11 800	40.3	86.1	10 500	45.6	88.8	9 200	53.3	91.7	7 200				44.0
46.0	24.2	75.6	9 700*	29.6	79.4	11 100	36.2	83.6	9 800	41.9	86.7	8 600	50.1	90.1	6 700	57.2	92.0	4 800	46.0
48.0	16.8	70.2	9 500*	23.9	75.3	10 500	31.7	80.5	9 200	38.0	84.2	8 000	46.7	88.3	6 200	54.2	90.7	4 400	48.0
50.0				16.4	69.7	10 000	26.5	76.9	8 700	33.7	81.4	7 500	43.2	86.3	5 700	51.0	89.1	4 000	50.0
52.0							20.0	72.1	8 300	28.7	78.0	7 100	39.3	84.0	5 300	47.7	87.4	3 600	52.0
54.0										22.9	73.8	6 700	35.1	81.3	5 000	44.2	85.4	3 300	54.0
56.0										15.0	67.8	6 400	30.4	78.1	4 600	40.4	83.1	3 000	56.0
58.0													25.0	74.2	4 300	36.3	80.6	2 700	58.0
60.0													18.0	69.0	4 000	31.8	77.6	2 500	60.0
62.0																26.6	73.9	2 200	62.0
64.0																20.1	69.2	2 000	64.0



Liftcrane Luffing Jib Capacities

999 SERIES 2

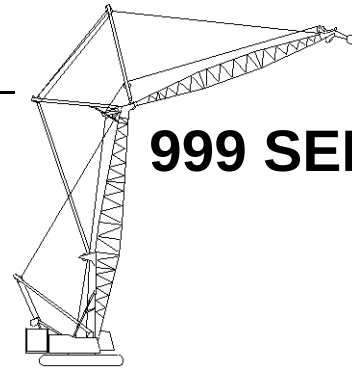
**Luffing Jib No. 149 With
Jib Backstay Pendants On
Boom No. 82
83 730 kg Crane Counterweight
19 960 kg Carbody Counterweight
360 Degree Rating**

**Maximum Operating Wind Speeds
(all boom lengths)**

**10 m/s with 21.3m thru 33.5m Luffing Jib
7 m/s with 36.6m thru 61.0m Luffing Jib
5 m/s with 64.0m thru 73.2m Luffing Jib**

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.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib 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	75.4	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	22 000	69.9	102.5	20 000										26.0
28.0	61.2	99.8	17 600*	63.7	100.7	20 300	67.4	101.7	18 400										28.0
30.0	58.4	98.6	16 300*	61.0	99.6	18 700	64.8	100.8	17 000										30.0
32.0	55.6	97.3	15 100*	58.3	98.5	17 300	62.2	99.8	15 700	65.9	100.8	14 100							32.0
34.0	52.7	95.8	14 000*	55.5	97.1	16 100	59.5	98.7	14 500	63.3	99.8	13 000							34.0
36.0	49.6	94.2	13 000*	52.6	95.6	15 000	56.7	97.4	13 500	60.6	98.7	12 100							36.0
38.0	46.5	92.4	12 100*	49.5	94.0	14 100	53.8	96.0	12 600	57.9	97.5	11 200							38.0
40.0	43.1	90.3	11 300*	46.3	92.2	13 200	50.8	94.4	11 800	55.0	96.1	10 400	61.5	98.0	8 300				40.0
42.0	39.5	88.0	10 600*	42.9	90.1	12 300	47.7	92.7	11 000	52.1	94.6	9 700	58.8	96.8	7 600				42.0
44.0	35.6	85.4	9 900*	39.3	87.8	11 600	44.4	90.7	10 300	49.0	93.0	9 000	56.0	95.5	7 000				44.0
46.0	31.3	82.3	9 400*	35.4	85.1	10 900	40.9	88.5	9 700	45.8	91.1	8 400	53.1	94.1	6 500				46.0
48.0	26.3	78.6	8 900*	31.1	82.0	10 300	37.1	86.0	9 100	42.4	89.0	7 900	50.1	92.4	6 000	56.8	94.4	4 200	48.0
50.0	20.3	73.8	8 600*	26.1	78.3	9 700	33.0	83.1	8 500	38.8	86.6	7 400	46.9	90.6	5 600	53.9	93.0	3 900	50.0
52.0				20.0	73.5	9 200	28.3	79.7	8 000	34.8	83.9	6 900	43.6	88.6	5 200	50.9	91.4	3 500	52.0
54.0							22.8	75.4	7 600	30.4	80.7	6 500	40.0	86.3	4 800	47.8	89.7	3 200	54.0
56.0							15.5	69.5	7 200	25.3	76.8	6 100	36.1	83.7	4 400	44.5	87.7	2 900	56.0
58.0										18.9	71.8	5 700	31.9	80.7	4 100	41.0	85.5	2 600	58.0
60.0													27.0	77.1	3 800	37.2	83.0	2 300	60.0
62.0													21.2	72.6	3 500	33.1	80.1	2 000	62.0
64.0													13.0	65.9	3 300	28.4	76.7	1 800	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**

**Maximum Operating Wind Speeds
(all boom lengths)**

**10 m/s with 21.3m thru 33.5m Luffing Jib
7 m/s with 36.6m thru 61.0m Luffing Jib
5 m/s with 64.0m thru 73.2m Luffing Jib**

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.	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	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	19 800	68.8	105.0	17 900							28.0
30.0	60.5	102.2	15 900*	62.9	103.1	18 300	66.4	104.2	16 500							30.0
32.0	57.9	101.0	14 700*	60.4	102.0	16 900	63.9	103.2	15 300	67.4	104.1	13 600				32.0
34.0	55.2	99.6	13 700*	57.8	100.8	15 700	61.5	102.2	14 200	65.0	103.2	12 600				34.0
36.0	52.5	98.1	12 800*	55.1	99.4	14 600	58.9	101.0	13 100	62.5	102.2	11 700				36.0
38.0	49.6	96.5	11 900*	52.3	98.0	13 600	56.3	99.7	12 200	60.0	101.1	10 800				38.0
40.0	46.6	94.7	11 100*	49.5	96.3	12 800	53.5	98.3	11 400	57.4	99.8	10 100				40.0
42.0	43.5	92.7	10 400*	46.5	94.5	12 000	50.7	96.7	10 600	54.7	98.5	9 300	60.8	100.3	7 300	42.0
44.0	40.1	90.4	9 700*	43.3	92.4	11 200	47.8	95.0	9 900	51.9	96.9	8 700	58.2	99.1	6 700	44.0
46.0	36.5	87.8	9 100*	40.0	90.2	10 600	44.7	93.0	9 300	49.0	95.3	8 100	55.6	97.8	6 100	46.0
48.0	32.6	84.9	8 600*	36.4	87.6	9 900	41.4	90.8	8 700	46.0	93.4	7 500	52.8	96.4	5 700	48.0
50.0	28.1	81.4	8 200*	32.4	84.6	9 300	37.9	88.4	8 200	42.8	91.3	7 000	50.0	94.7	5 200	50.0
52.0	22.9	77.1	7 900*	27.9	81.1	8 800	34.1	85.6	7 700	39.4	89.0	6 600	47.0	92.9	4 800	52.0
54.0	16.2	71.3	7 700*	22.7	76.8	8 400	29.9	82.4	7 200	35.8	86.4	6 200	43.9	90.9	4 500	54.0
56.0				15.8	70.9	7 900	25.0	78.4	6 800	31.7	83.3	5 700	40.6	88.7	4 100	56.0
58.0							19.0	73.4	6 400	27.2	79.7	5 400	37.0	86.2	3 700	58.0
60.0										21.7	75.2	5 100	33.1	83.3	3 400	60.0
62.0										14.5	69.0	4 800	28.8	79.9	3 200	62.0
64.0													23.7	75.7	2 900	64.0
66.0													17.2	70.3	2 700	66.0