



Liftcrane Luffing Jib Intermediate Fall Capacities

Fixed Jib No. 134 At
5 Degree Offset Angle On
Luffing Jib No. 149 On
Boom No. 82
83 730 kg Crane Counterweight
19 960 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speed
(all boom lengths)
5 m/s



999 SERIES 2

LIFTING CAPACITIES: Lifting capacities for various boom lengths, boom angles, luffing jib lengths, fixed jib lengths and intermediate fall 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 (*).

Consult Luffing Jib Raising Procedure chart **No. 9269-A** for Maximum Number of Lower Boom Point Sheaves (Layout Jack-Knife Method table, column A).

Weight of all load blocks, hooks, weight ball, slings, etc., beneath intermediate fall is considered part of intermediate fall load. Reeved hoist line for intermediate fall is included in luffing jib weight. 1 770 kg suspended beneath luffing jib point sheaves has been included in capacity determination. Fixed jib weight and 1 220 kg suspended beneath fixed jib point also included in capacity determination. 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 fixed jib assembly **No. 196404**, luffing jib assembly **No. A01031**, Wire Rope Specification chart **No. 8405-A** and Luffing Jib Raising Procedure chart **No. 9269-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 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 83 degrees and luffing jib at 65 degrees. Lower boom and luffing jib onto blocking at ground level when wind is above 11 m/s.

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-F**.

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.

INTERMEDIATE FALL ELEVATION: Intermediate fall elevation is vertical distance from ground level to centerline of intermediate fall 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. 8418-AM** for luffing jib capacities. Consult chart **No. 8353-AM** for fixed jib on luffing jib capacities.

Boom Catwalks Deduct

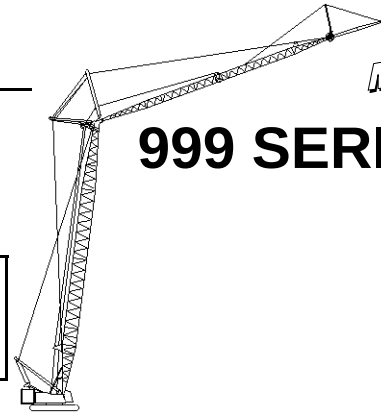
Deduct 150 kg from capacities when boom catwalks are attached.



Liftcrane Luffing Jib Intermediate Fall Capacities

Fixed Jib No. 134 At
5 Degree Offset Angle On
Luffing Jib No. 149 On
Boom No. 82
83 730 kg Crane Counterweight
19 960 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speed
(all boom lengths)
5 m/s



999 SERIES 2

24.4m (80 Ft.) Boom, 51.8m (170 Ft.) Luffing Jib, 9.1m (30 Ft.) - 24.4m (80 Ft.) Fixed Jib

Int. Fall Oper. Rad. Meters	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			Int. Fall Oper. Rad. Meters		
	Jib Angle Degrees	Intermediate Fall		Jib Angle Degrees	Intermediate Fall		Jib Angle Degrees	Intermediate Fall		Jib Angle Degrees	Intermediate Fall				
		Elev. Meters	Capacity Kilograms		Elev. Meters	Capacity Kilograms		Elev. Meters	Capacity Kilograms		Elev. Meters	Capacity Kilograms			
10.7	74.2	50.0	26 300*										10.7		
11.0	73.3	49.9	25 500*										11.0		
12.0	70.8	49.5	23 000*										12.0		
13.0	68.3	49.1	20 400*	70.4	49.4	23 000*							13.0		
14.0	65.7	48.7	17 700*	67.9	49.0	19 800*							14.0		
15.0	63.0	48.2	15 700*	65.3	48.5	17 400*							15.0		
16.0	60.3	47.6	14 000*	62.6	48.0	15 500*	66.0	48.5	18 200*				16.0		
17.0	57.5	46.9	12 700*	59.9	47.4	13 900*	63.3	48.0	16 000*	66.7	48.4	18 700*	17.0		
18.0	54.6	46.2	11 400*	57.1	46.8	12 500*	60.6	47.4	14 300*	64.0	47.9	16 600*	18.0		
19.0	51.6	45.4	10 400*	54.2	46.1	11 300*	57.8	46.8	12 900*	61.3	47.4	14 700*	19.0		
20.0	48.4	44.6	9 500*	51.1	45.2	10 300*	54.9	46.1	11 700*	58.6	46.7	13 200*	20.0		
21.0	45.1	43.6	8 700*	48.0	44.3	9 400*	52.0	45.3	10 600*	55.7	46.1	12 000*	21.0		
22.0	41.6	42.4	8 000*	44.6	43.3	8 600*	48.8	44.4	9 600*	52.7	45.3	10 900*	22.0		
23.0	37.8	41.2	7 300*	41.0	42.2	7 900*	45.5	43.5	8 800*	49.6	44.4	9 900*	23.0		
24.0	33.5	39.7	6 700*	37.1	40.9	7 200*	42.0	42.4	8 100*	46.4	43.5	9 100*	24.0		
25.0	28.8	37.9	6 200*	32.9	39.4	6 700*	38.2	41.1	7 500*	42.9	42.4	8 300*	25.0		
26.0				28.0	37.6	6 200*	34.1	39.7	6 900*	39.2	41.2	7 600*	26.0		
27.0				22.1	35.3	5 700*	29.4	37.9	6 300*	35.2	39.8	7 000*	27.0		
28.0							23.8	35.8	5 800*	30.6	38.2	6 500*	28.0		
29.0												25.3	36.2	6 000*	29.0
30.0													18.6	33.5	5 600*

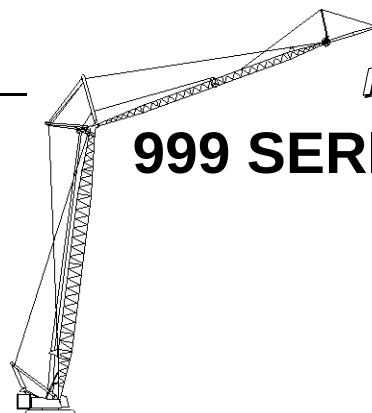
Liftcrane Luffing Jib

Intermediate Fall Capacities

Fixed Jib No. 134 At
 5 Degree Offset Angle On
 Luffing Jib No. 149 On
 Boom No. 82
 83 730 kg Crane Counterweight
 19 960 kg Carbody Counterweight
 360 Degree Rating

Maximum Operating Wind Speed
 (all boom lengths)

5 m/s



999 SERIES 2

24.4m (80 Ft.) Boom, 54.9m (180 Ft.) Luffing Jib, 9.1m (30 Ft.) - 24.4m (80 Ft.) Fixed Jib

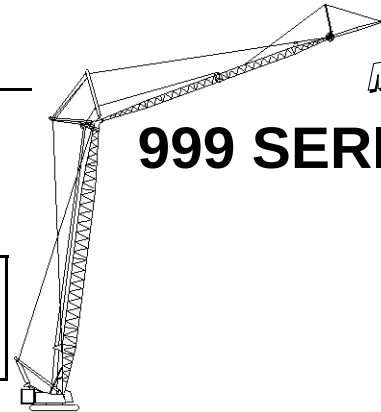
Int. Fall Oper. Rad. Meters	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			Int. Fall Oper. Rad. Meters
	Jib Angle Degrees	Intermediate Fall		Jib Angle Degrees	Intermediate Fall		Jib Angle Degrees	Intermediate Fall		Jib Angle Degrees	Intermediate Fall		
		Elev. Meters	Capacity Kilograms		Elev. Meters	Capacity Kilograms		Elev. Meters	Capacity Kilograms		Elev. Meters	Capacity Kilograms	
10.7	76.0	53.2	26 300*										10.7
11.0	75.2	53.1	26 300*										11.0
12.0	73.1	52.8	26 300*										12.0
13.0	70.8	52.4	24 700*										13.0
14.0	68.6	52.0	22 700*	70.5	52.3	25 100*							14.0
15.0	66.3	51.6	20 200*	68.2	51.9	22 200*							15.0
16.0	63.9	51.1	17 900*	65.9	51.4	19 700*	68.8	51.8	23 000*				16.0
17.0	61.5	50.5	16 200*	63.6	50.9	17 700*	66.5	51.4	20 300*				17.0
18.0	59.1	49.9	14 700*	61.2	50.4	16 000*	64.2	50.9	18 200*				18.0
19.0	56.6	49.3	13 400*	58.7	49.8	14 500*	61.8	50.4	16 400*	64.8	50.8	18 900*	19.0
20.0	54.0	48.5	12 200*	56.2	49.1	13 200*	59.4	49.8	15 000*	62.4	50.3	16 900*	20.0
21.0	51.3	47.7	11 200*	53.6	48.4	12 100*	56.9	49.1	13 600*	60.0	49.7	15 400*	21.0
22.0	48.5	46.9	10 300*	50.9	47.5	11 100*	54.3	48.4	12 400*	57.5	49.1	14 000*	22.0
23.0	45.6	45.9	9 500*	48.1	46.6	10 300*	51.6	47.6	11 400*	55.0	48.4	12 800*	23.0
24.0	42.5	44.8	8 800*	45.1	45.7	9 400*	48.8	46.7	10 500*	52.3	47.6	11 800*	24.0
25.0	39.2	43.6	8 200*	42.0	44.6	8 700*	45.9	45.8	9 700*	49.6	46.7	10 800*	25.0
26.0	35.6	42.2	7 600*	38.7	43.3	8 100*	42.8	44.7	9 000*	46.7	45.8	9 900*	26.0
27.0	31.7	40.6	7 000*	35.0	41.9	7 500*	39.6	43.5	8 300*	43.7	44.8	9 200*	27.0
28.0	27.2	38.8	6 400*	31.1	40.3	7 000*	36.0	42.2	7 700*	40.4	43.6	8 500*	28.0
29.0				26.5	38.4	6 500*	32.2	40.6	7 200*	37.0	42.3	7 900*	29.0
30.0				21.0	35.9	5 400*	27.8	38.8	6 600*	33.2	40.8	7 400*	30.0
31.0							22.6	36.5	5 800*	29.0	39.0	6 800*	31.0
32.0							15.7	33.4	4 400*	24.0	36.9	5 900*	32.0
33.0										17.8	34.1	4 800*	33.0



Liftcrane Luffing Jib Intermediate Fall Capacities

Fixed Jib No. 134 At
5 Degree Offset Angle On
Luffing Jib No. 149 On
Boom No. 82
83 730 kg Crane Counterweight
19 960 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speed
(all boom lengths)
5 m/s



999 SERIES 2

24.4m (80 Ft.) Boom, 57.9m (190 Ft.) Luffing Jib, 9.1m (30 Ft.) - 24.4m (80 Ft.) Fixed Jib

Int. Fall Oper. Rad. Meters	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			Int. Fall Oper. Rad. Meters		
	Jib Angle Degrees	Intermediate Fall		Jib Angle Degrees	Intermediate Fall		Jib Angle Degrees	Intermediate Fall		Jib Angle Degrees	Intermediate Fall				
		Elev. Meters	Capacity Kilograms		Elev. Meters	Capacity Kilograms		Elev. Meters	Capacity Kilograms		Elev. Meters	Capacity Kilograms			
10.7	74.2	50.0	26 300*										10.7		
11.0	73.3	49.9	25 200*										11.0		
12.0	70.8	49.5	21 600*										12.0		
13.0	68.3	49.1	18 600*	70.4	49.4	21 300*							13.0		
14.0	65.7	48.7	16 400*	67.9	49.0	18 300*							14.0		
15.0	63.0	48.2	14 500*	65.3	48.5	16 100*							15.0		
16.0	60.3	47.6	13 000*	62.6	48.0	14 300*	66.0	48.5	16 800*				16.0		
17.0	57.5	46.9	11 700*	59.9	47.4	12 800*	63.3	48.0	14 800*	66.7	48.4	17 400*	17.0		
18.0	54.6	46.2	10 600*	57.1	46.8	11 500*	60.6	47.4	13 200*	64.0	47.9	15 400*	18.0		
19.0	51.6	45.4	9 600*	54.2	46.1	10 400*	57.8	46.8	11 900*	61.3	47.4	13 600*	19.0		
20.0	48.4	44.6	8 700*	51.1	45.2	9 500*	54.9	46.1	10 800*	58.6	46.7	12 300*	20.0		
21.0	45.1	43.6	8 000*	48.0	44.3	8 600*	52.0	45.3	9 800*	55.7	46.1	11 100*	21.0		
22.0	41.6	42.4	7 300*	44.6	43.3	7 900*	48.8	44.4	8 900*	52.7	45.3	10 100*	22.0		
23.0	37.8	41.2	6 700*	41.0	42.2	7 300*	45.5	43.5	8 100*	49.6	44.4	9 200*	23.0		
24.0	33.5	39.7	6 200*	37.1	40.9	6 700*	42.0	42.4	7 500*	46.4	43.5	8 400*	24.0		
25.0	28.8	37.9	5 700*	32.9	39.4	6 200*	38.2	41.1	6 900*	42.9	42.4	7 700*	25.0		
26.0				28.0	37.6	5 600*	34.1	39.7	6 300*	39.2	41.2	7 100*	26.0		
27.0				22.1	35.3	4 700*	29.4	37.9	5 800*	35.2	39.8	6 500*	27.0		
28.0							23.8	35.8	5 000*	30.6	38.2	6 000*	28.0		
29.0												25.3	36.2	5 500*	29.0
30.0													18.6	33.5	4 200*

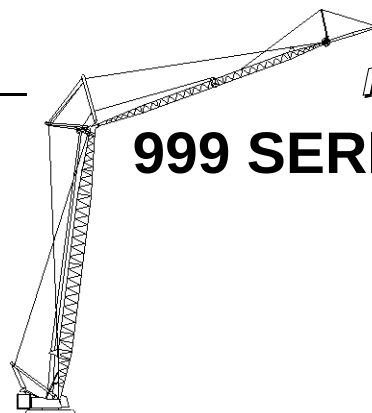
Liftcrane Luffing Jib

Intermediate Fall Capacities

Fixed Jib No. 134 At
 5 Degree Offset Angle On
 Luffing Jib No. 149 On
 Boom No. 82
 83 730 kg Crane Counterweight
 19 960 kg Carbody Counterweight
 360 Degree Rating

Maximum Operating Wind Speed
 (all boom lengths)

5 m/s



999 SERIES 2

24.4m (80 Ft.) Boom, 61.0m (200 Ft.) Luffing Jib, 9.1m (30 Ft.) - 24.4m (80 Ft.) Fixed Jib

Int. Fall Oper. Rad. Meters	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			Int. Fall Oper. Rad. Meters
	Jib Angle Degrees	Intermediate Fall		Jib Angle Degrees	Intermediate Fall		Jib Angle Degrees	Intermediate Fall		Jib Angle Degrees	Intermediate Fall		
		Elev. Meters	Capacity Kilograms		Elev. Meters	Capacity Kilograms		Elev. Meters	Capacity Kilograms		Elev. Meters	Capacity Kilograms	
10.7	76.0	53.2	26 300*										10.7
11.0	75.2	53.1	26 300*										11.0
12.0	73.1	52.8	26 300*										12.0
13.0	70.8	52.4	24 300*										13.0
14.0	68.6	52.0	20 700*	70.5	52.3	23 200*							14.0
15.0	66.3	51.6	18 400*	68.2	51.9	20 500*							15.0
16.0	63.9	51.1	16 500*	65.9	51.4	18 100*	68.8	51.8	21 200*				16.0
17.0	61.5	50.5	14 900*	63.6	50.9	16 300*	66.5	51.4	18 800*				17.0
18.0	59.1	49.9	13 500*	61.2	50.4	14 700*	64.2	50.9	16 800*				18.0
19.0	56.6	49.3	12 300*	58.7	49.8	13 300*	61.8	50.4	15 200*	64.8	50.8	17 400*	19.0
20.0	54.0	48.5	11 200*	56.2	49.1	12 200*	59.4	49.8	13 800*	62.4	50.3	15 600*	20.0
21.0	51.3	47.7	10 300*	53.6	48.4	11 100*	56.9	49.1	12 500*	60.0	49.7	14 100*	21.0
22.0	48.5	46.9	9 500*	50.9	47.5	10 200*	54.3	48.4	11 500*	57.5	49.1	12 900*	22.0
23.0	45.6	45.9	8 700*	48.1	46.6	9 400*	51.6	47.6	10 500*	55.0	48.4	11 800*	23.0
24.0	42.5	44.8	8 100*	45.1	45.7	8 700*	48.8	46.7	9 700*	52.3	47.6	10 800*	24.0
25.0	39.2	43.6	7 400*	42.0	44.6	8 000*	45.9	45.8	8 900*	49.6	46.7	9 900*	25.0
26.0	35.6	42.2	6 700*	38.7	43.3	7 400*	42.8	44.7	8 200*	46.7	45.8	9 100*	26.0
27.0	31.7	40.6	5 200*	35.0	41.9	6 300*	39.6	43.5	7 600*	43.7	44.8	8 400*	27.0
28.0	27.2	38.8	3 700*	31.1	40.3	4 900*	36.0	42.2	6 700*	40.4	43.6	7 600	28.0
29.0							32.2	40.6	5 200*	37.0	42.3	6 400	29.0
30.0							27.8	38.8	3 800*	33.2	40.8	5 400	30.0
31.0										29.0	39.0	4 200*	31.0
32.0										24.0	36.9	2 800*	32.0



Liftcrane Luffing Jib Intermediate Fall Capacities

Fixed Jib No. 134 At

5 Degree Offset Angle On

Luffing Jib No. 149 On

Boom No. 82

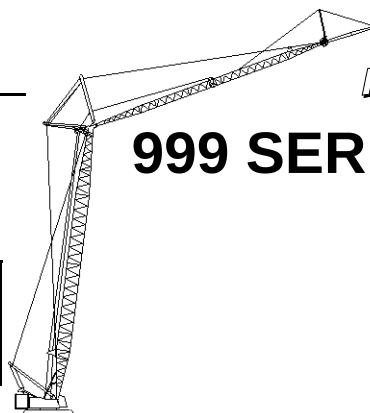
83 730 kg Crane Counterweight

19 960 kg Carbody Counterweight

360 Degree Rating

 Maximum Operating Wind Speed
(all boom lengths)

5 m/s


999 SERIES 2
24.4m (80 Ft.) Boom, 64.0m (210 Ft.) Luffing Jib, 9.1m (30 Ft.) - 24.4m (80 Ft.) Fixed Jib

Int. Fall Oper. Rad. Meters	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			Int. Fall Oper. Rad. Meters
	Jib Angle Degrees	Intermediate Fall		Jib Angle Degrees	Intermediate Fall		Jib Angle Degrees	Intermediate Fall		Jib Angle Degrees	Intermediate Fall		
		Elev. Meters	Capacity Kilograms		Elev. Meters	Capacity Kilograms		Elev. Meters	Capacity Kilograms		Elev. Meters	Capacity Kilograms	
12.2	74.4	55.9	26 300*										12.2
13.0	72.8	55.6	25 200*										13.0
14.0	70.8	55.3	23 600*	72.5	55.5	25 600*							14.0
15.0	68.8	54.9	21 400*	70.5	55.2	23 200*							15.0
16.0	66.7	54.5	19 300*	68.5	54.8	21 000*							16.0
17.0	64.7	54.0	17 500*	66.4	54.3	19 100*	69.0	54.7	21 600*				17.0
18.0	62.5	53.5	15 900*	64.3	53.8	17 300*	67.0	54.3	19 600*				18.0
19.0	60.4	52.9	14 500*	62.2	53.3	15 700*	64.9	53.8	17 800*				19.0
20.0	58.1	52.3	13 200*	60.0	52.7	14 400*	62.8	53.3	16 100*	65.4	53.7	18 300*	20.0
21.0	55.8	51.6	12 200*	57.8	52.1	13 200*	60.6	52.7	14 700*	63.3	53.2	16 600*	21.0
22.0	53.5	50.9	11 300*	55.5	51.4	12 100*	58.4	52.1	13 500*	61.2	52.7	15 100*	22.0
23.0	51.1	50.0	10 400*	53.1	50.7	11 200*	56.1	51.4	12 500*	59.0	52.1	13 900*	23.0
24.0	48.6	49.2	9 600*	50.7	49.8	10 300*	53.8	50.7	11 500*	56.7	51.4	12 800*	24.0
25.0	45.9	48.2	8 800*	48.2	49.0	9 600*	51.4	49.9	10 600*	54.4	50.7	11 700	25.0
26.0	43.2	47.1	7 800*	45.5	48.0	8 900*	48.9	49.0	9 900*	52.0	49.9	10 500	26.0
27.0	40.3	46.0	6 400*	42.8	46.9	7 600*	46.2	48.1	9 100*	49.5	49.0	9 300	27.0
28.0	37.2	44.7	4 900*	39.8	45.7	6 100*	43.5	47.0	8 100*	46.9	48.1	8 000	28.0
29.0	33.8	43.2	3 600*	36.7	44.4	4 700*	40.6	45.9	6 400*	44.2	47.1	6 900	29.0
30.0	30.1	41.5	2 400*	33.3	42.9	3 400*	37.6	44.6	5 000*	41.4	46.0	5 900	30.0
31.0							34.2	43.1	3 700*	38.4	44.7	4 900	31.0
32.0							30.6	41.5	2 500*	35.1	43.3	4 000	32.0
33.0										31.6	41.7	2 900	33.0



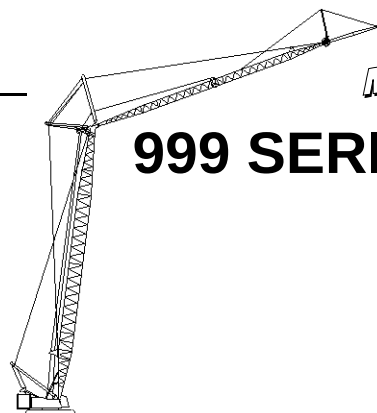
Liftcrane Luffing Jib Intermediate Fall Capacities

999 SERIES 2

Fixed Jib No. 134 At
 5 Degree Offset Angle On
 Luffing Jib No. 149 On
 Boom No. 82
 83 730 kg Crane Counterweight
 19 960 kg Carbody Counterweight
 360 Degree Rating

Maximum Operating Wind Speed
 (all boom lengths)

5 m/s



36.6m (120 Ft.) Boom, 51.8m (170 Ft.) Luffing Jib, 9.1m (30 Ft.) - 24.4m (80 Ft.) Fixed Jib

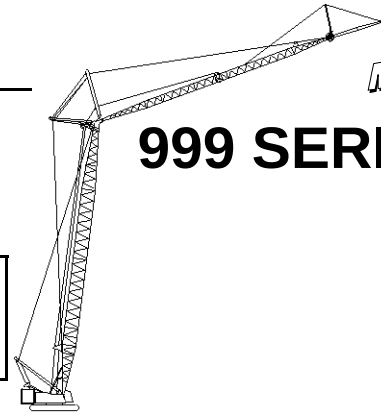
Int. Fall Oper. Rad. Meters	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			Int. Fall Oper. Rad. Meters
	Jib Angle Degrees	Intermediate Fall		Jib Angle Degrees	Intermediate Fall		Jib Angle Degrees	Intermediate Fall		Jib Angle Degrees	Intermediate Fall		
		Elev. Meters	Capacity Kilograms		Elev. Meters	Capacity Kilograms		Elev. Meters	Capacity Kilograms		Elev. Meters	Capacity Kilograms	
10.7	75.2	62.3	26 300*										10.7
11.0	74.4	62.2	25 800*										11.0
12.0	71.9	61.9	24 600*										12.0
13.0	69.4	61.5	22 200*										13.0
14.0	66.8	61.1	18 900*	70.1	61.5	22 700*							14.0
15.0	64.2	60.6	16 600*	67.5	61.1	19 700*							15.0
16.0	61.5	60.0	14 800*	64.9	60.6	17 200*							16.0
17.0	58.7	59.4	13 300*	62.2	60.1	15 300*	67.3	60.8	19 500*				17.0
18.0	55.9	58.7	11 900*	59.5	59.5	13 700*	64.6	60.4	17 200*				18.0
19.0	52.9	58.0	10 800*	56.6	58.8	12 300*	62.0	59.8	15 200*				19.0
20.0	49.8	57.1	9 800*	53.7	58.1	11 200*	59.2	59.2	13 600*	64.3	60.0	17 000*	20.0
21.0	46.6	56.2	9 000*	50.7	57.3	10 100*	56.4	58.5	12 300*	61.7	59.4	15 200*	21.0
22.0	43.1	55.1	8 200*	47.5	56.4	9 300*	53.4	57.8	11 100*	58.9	58.8	13 500*	22.0
23.0	39.4	53.9	7 500*	44.1	55.3	8 500*	50.4	57.0	10 100*	56.0	58.2	12 200*	23.0
24.0	35.4	52.5	6 900*	40.5	54.2	7 800*	47.1	56.1	9 200*	53.1	57.4	11 100*	24.0
25.0	30.9	50.9	6 400*	36.5	52.8	7 100*	43.7	55.0	8 500*	50.0	56.6	10 100*	25.0
26.0	25.6	48.9	5 900*	32.2	51.3	6 600*	40.1	53.8	7 800*	46.8	55.6	9 200*	26.0
27.0	19.0	46.3	5 500*	27.2	49.4	6 100*	36.1	52.5	7 100*	43.3	54.6	8 400*	27.0
28.0				21.0	47.0	5 600*	31.7	50.9	6 600*	39.7	53.4	7 700*	28.0
29.0							26.6	49.0	6 100*	35.7	52.0	7 100	29.0
30.0							20.3	46.5	5 600*	31.2	50.4	6 200	30.0
31.0										26.0	48.4	5 100	31.0
32.0										19.5	45.9	4 300	32.0



Liftcrane Luffing Jib Intermediate Fall Capacities

Fixed Jib No. 134 At
5 Degree Offset Angle On
Luffing Jib No. 149 On
Boom No. 82
83 730 kg Crane Counterweight
19 960 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speed
(all boom lengths)
5 m/s



999 SERIES 2

36.6m (120 Ft.) Boom, 54.9m (180 Ft.) Luffing Jib, 9.1m (30 Ft.) - 24.4m (80 Ft.) Fixed Jib

Int. Fall Oper. Rad. Meters	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			Int. Fall Oper. Rad. Meters
	Jib Angle Degrees	Intermediate Fall		Jib Angle Degrees	Intermediate Fall		Jib Angle Degrees	Intermediate Fall		Jib Angle Degrees	Intermediate Fall		
		Elev. Meters	Capacity Kilograms		Elev. Meters	Capacity Kilograms		Elev. Meters	Capacity Kilograms		Elev. Meters	Capacity Kilograms	
12.2	73.6	65.0	26 200*										12.2
13.0	71.8	64.8	25 500*										13.0
14.0	69.5	64.4	24 300*	72.4	64.8	25 800*							14.0
15.0	67.3	64.0	21 500*	70.2	64.4	24 500*							15.0
16.0	64.9	63.5	18 900*	67.9	64.0	22 400*							16.0
17.0	62.6	63.0	17 000*	65.6	63.5	19 600*	69.9	64.1	24 700*				17.0
18.0	60.2	62.4	15 300*	63.2	63.0	17 500*	67.7	63.7	21 900*				18.0
19.0	57.7	61.7	13 900*	60.8	62.5	15 800*	65.4	63.3	19 400*				19.0
20.0	55.1	61.0	12 700*	58.4	61.8	14 400*	63.0	62.7	17 500*	67.4	63.4	20 300	20.0
21.0	52.5	60.3	11 600*	55.8	61.2	13 100*	60.6	62.2	15 800*	65.1	62.9	18 400	21.0
22.0	49.7	59.4	10 700*	53.2	60.4	12 000*	58.1	61.6	14 300*	62.7	62.4	16 600	22.0
23.0	46.8	58.5	9 800*	50.5	59.6	11 000*	55.6	60.9	13 100*	60.3	61.8	15 000	23.0
24.0	43.8	57.5	9 000*	47.6	58.7	10 100*	52.9	60.1	12 000*	57.8	61.2	13 500	24.0
25.0	40.6	56.3	8 300*	44.7	57.7	9 300*	50.2	59.3	11 000*	55.3	60.5	12 100	25.0
26.0	37.2	55.0	7 700*	41.5	56.5	8 600*	47.4	58.4	10 100*	52.6	59.7	10 800	26.0
27.0	33.4	53.5	7 200*	38.1	55.3	8 000*	44.4	57.3	9 300*	49.9	58.9	9 600	27.0
28.0	29.2	51.8	6 600*	34.5	53.9	7 400*	41.2	56.2	8 600	47.0	57.9	8 400	28.0
29.0	24.3	49.7	6 200*	30.4	52.2	6 800*	37.8	54.9	7 900	44.0	56.9	7 400	29.0
30.0	18.1	46.9	5 800*	25.7	50.2	6 300*	34.1	53.5	7 000	40.8	55.8	6 400	30.0
31.0				20.0	47.7	5 800*	30.0	51.8	6 000	37.4	54.5	5 500	31.0
32.0				11.6	43.8	5 100*	25.2	49.8	5 100	33.7	53.0	4 600	32.0
33.0							19.4	47.2	4 300	29.5	51.3	3 800	33.0
34.0										24.7	49.2	3 000	34.0
35.0										18.6	46.5	2 300	35.0

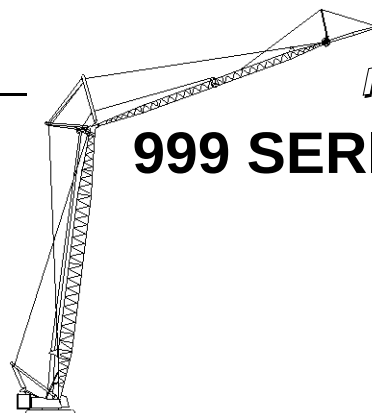
Liftcrane Luffing Jib

Intermediate Fall Capacities

Fixed Jib No. 134 At
 5 Degree Offset Angle On
 Luffing Jib No. 149 On
 Boom No. 82
 83 730 kg Crane Counterweight
 19 960 kg Carbody Counterweight
 360 Degree Rating

Maximum Operating Wind Speed
 (all boom lengths)

5 m/s



999 SERIES 2

36.6m (120 Ft.) Boom, 57.9m (190 Ft.) Luffing Jib, 9.1m (30 Ft.) - 24.4m (80 Ft.) Fixed Jib

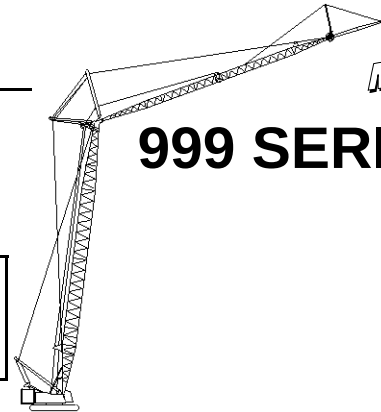
Int. Fall Oper. Rad. Meters	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			Int. Fall Oper. Rad. Meters
	Jib Angle Degrees	Intermediate Fall		Jib Angle Degrees	Intermediate Fall		Jib Angle Degrees	Intermediate Fall		Jib Angle Degrees	Intermediate Fall		
		Elev. Meters	Capacity Kilograms		Elev. Meters	Capacity Kilograms		Elev. Meters	Capacity Kilograms		Elev. Meters	Capacity Kilograms	
10.7	75.2	62.3	26 300*										10.7
11.0	74.4	62.2	25 400*										11.0
12.0	71.9	61.9	23 000*										12.0
13.0	69.4	61.5	20 300*										13.0
14.0	66.8	61.1	17 500*	70.1	61.5	21 000*							14.0
15.0	64.2	60.6	15 400*	67.5	61.1	18 300*							15.0
16.0	61.5	60.0	13 700*	64.9	60.6	16 000*							16.0
17.0	58.7	59.4	12 200*	62.2	60.1	14 200*	67.3	60.8	18 100*				17.0
18.0	55.9	58.7	11 000*	59.5	59.5	12 700*	64.6	60.4	15 900*				18.0
19.0	52.9	58.0	10 000*	56.6	58.8	11 400*	62.0	59.8	14 100*				19.0
20.0	49.8	57.1	9 100*	53.7	58.1	10 300*	59.2	59.2	12 600*	64.3	60.0	15 800*	20.0
21.0	46.6	56.2	8 300*	50.7	57.3	9 400*	56.4	58.5	11 400*	61.7	59.4	14 000*	21.0
22.0	43.1	55.1	7 600*	47.5	56.4	8 500*	53.4	57.8	10 300*	58.9	58.8	12 500*	22.0
23.0	39.4	53.9	6 900*	44.1	55.3	7 800*	50.4	57.0	9 300*	56.0	58.2	11 300*	23.0
24.0	35.4	52.5	6 400*	40.5	54.2	7 100*	47.1	56.1	8 500*	53.1	57.4	10 200*	24.0
25.0	30.9	50.9	5 900*	36.5	52.8	6 500*	43.7	55.0	7 800*	50.0	56.6	9 200	25.0
26.0	25.6	48.9	5 400*	32.2	51.3	6 000*	40.1	53.8	7 200*	46.8	55.6	8 100	26.0
27.0	19.0	46.3	5 000*	27.2	49.4	5 600*	36.1	52.5	6 600*	43.3	54.6	6 800	27.0
28.0				21.0	47.0	5 100*	31.7	50.9	5 800	39.7	53.4	5 600	28.0
29.0							26.6	49.0	4 700	35.7	52.0	4 500	29.0
30.0							20.3	46.5	3 700	31.2	50.4	3 500	30.0



Liftcrane Luffing Jib Intermediate Fall Capacities

Fixed Jib No. 134 At
5 Degree Offset Angle On
Luffing Jib No. 149 On
Boom No. 82
83 730 kg Crane Counterweight
19 960 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speed
(all boom lengths)
5 m/s



999 SERIES 2

36.6m (120 Ft.) Boom, 61.0m (200 Ft.) Luffing Jib, 9.1m (30 Ft.) - 24.4m (80 Ft.) Fixed Jib

Int. Fall Oper. Rad. Meters	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			Int. Fall Oper. Rad. Meters
	Jib Angle Degrees	Intermediate Fall		Jib Angle Degrees	Intermediate Fall		Jib Angle Degrees	Intermediate Fall		Jib Angle Degrees	Intermediate Fall		
		Elev. Meters	Capacity Kilograms		Elev. Meters	Capacity Kilograms		Elev. Meters	Capacity Kilograms		Elev. Meters	Capacity Kilograms	
12.2	73.6	65.0	26 200*										12.2
13.0	71.8	64.8	24 500*										13.0
14.0	69.5	64.4	22 200*	72.4	64.8	25 500*							14.0
15.0	67.3	64.0	19 600*	70.2	64.4	22 800*							15.0
16.0	64.9	63.5	17 400*	67.9	64.0	20 300*							16.0
17.0	62.6	63.0	15 600*	65.6	63.5	18 000*	69.9	64.1	22 800*				17.0
18.0	60.2	62.4	14 100*	63.2	63.0	16 200*	67.7	63.7	20 200*				18.0
19.0	57.7	61.7	12 800*	60.8	62.5	14 600*	65.4	63.3	17 900*				19.0
20.0	55.1	61.0	11 600*	58.4	61.8	13 200*	63.0	62.7	16 100*	67.4	63.4	18 300	20.0
21.0	52.5	60.3	10 600*	55.8	61.2	12 000*	60.6	62.2	14 500*	65.1	62.9	16 300	21.0
22.0	49.7	59.4	9 800*	53.2	60.4	11 000*	58.1	61.6	13 200*	62.7	62.4	14 400	22.0
23.0	46.8	58.5	9 000*	50.5	59.6	10 100*	55.6	60.9	12 000*	60.3	61.8	12 700	23.0
24.0	43.8	57.5	8 300*	47.6	58.7	9 300*	52.9	60.1	11 000*	57.8	61.2	11 200	24.0
25.0	40.6	56.3	7 600*	44.7	57.7	8 500*	50.2	59.3	9 900	55.3	60.5	9 800	25.0
26.0	37.2	55.0	7 100*	41.5	56.5	7 900*	47.4	58.4	8 800	52.6	59.7	8 400	26.0
27.0	33.4	53.5	6 600*	38.1	55.3	7 300*	44.4	57.3	7 600	49.9	58.9	7 200	27.0
28.0	29.2	51.8	6 000*	34.5	53.9	6 600	41.2	56.2	6 400	47.0	57.9	6 100	28.0
29.0	24.3	49.7	5 300*	30.4	52.2	5 700	37.8	54.9	5 300	44.0	56.9	5 000	29.0
30.0	18.1	46.9	3 600*	25.7	50.2	4 700	34.1	53.5	4 300	40.8	55.8	4 000	30.0
31.0							30.0	51.8	3 400	37.4	54.5	3 100	31.0
32.0							25.2	49.8	2 500	33.7	53.0	2 200	32.0



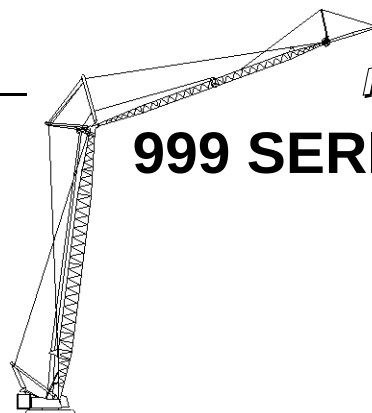
Liftcrane Luffing Jib Intermediate Fall Capacities

999 SERIES 2

Fixed Jib No. 134 At
5 Degree Offset Angle On
Luffing Jib No. 149 On
Boom No. 82
83 730 kg Crane Counterweight
19 960 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speed
(all boom lengths)

5 m/s



**36.6m (120 Ft.) Boom, 64.0m (210 Ft.) Luffing Jib
9.1m (30 Ft.) - 24.4m (80 Ft.) Fixed Jib**

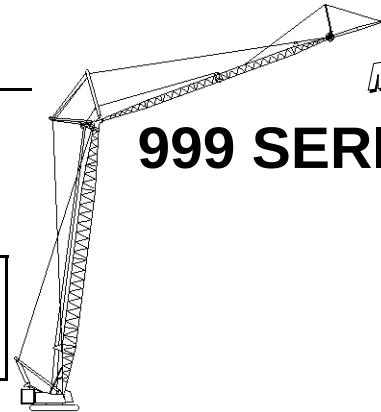
Int. Fall Oper. Rad. Meters	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			Int. Fall Oper. Rad. Meters
	Jib Angle Degrees	Intermediate Fall		Jib Angle Degrees	Intermediate Fall		Jib Angle Degrees	Intermediate Fall		
		Elev. Meters	Capacity Kilograms		Elev. Meters	Capacity Kilograms		Elev. Meters	Capacity Kilograms	
12.2	75.3	68.2	26 200*							12.2
13.0	73.7	68.0	25 900*							13.0
14.0	71.7	67.6	25 100*							14.0
15.0	69.7	67.3	22 700*							15.0
16.0	67.6	66.8	20 300*	70.2	67.3	23 200*				16.0
17.0	65.5	66.4	18 300*	68.2	66.9	20 900*				17.0
18.0	63.4	65.9	16 600*	66.1	66.4	18 900*				18.0
19.0	61.3	65.3	15 000*	64.0	65.9	17 100*	68.0	66.6	20 800	19.0
20.0	59.1	64.7	13 800*	61.9	65.4	15 500*	65.9	66.2	18 800	20.0
21.0	56.8	64.1	12 600*	59.7	64.8	14 200*	63.8	65.7	16 800	21.0
22.0	54.5	63.4	11 600*	57.4	64.2	13 000*	61.7	65.1	15 000	22.0
23.0	52.1	62.6	10 700*	55.1	63.5	11 900*	59.5	64.5	13 400	23.0
24.0	49.6	61.7	9 900*	52.8	62.7	11 000*	57.2	63.9	11 900	24.0
25.0	47.1	60.8	9 100*	50.3	61.9	10 200*	54.9	63.2	10 500	25.0
26.0	44.4	59.8	8 500*	47.8	61.0	9 400	52.5	62.4	9 200	26.0
27.0	41.5	58.7	7 900*	45.1	60.0	8 400	50.1	61.6	8 000	27.0
28.0	38.5	57.4	7 200*	42.3	58.9	7 300	47.5	60.7	6 800	28.0
29.0	35.3	56.0	6 500*	39.4	57.7	6 300	44.9	59.7	5 800	29.0
30.0	31.8	54.4	5 300*	36.2	56.3	5 300	42.0	58.6	4 800	30.0
31.0	27.8	52.6	4 000*	32.8	54.8	4 300	39.1	57.3	3 900	31.0
32.0	23.2	50.4	2 900*	28.9	53.0	3 400	35.9	56.0	3 000	32.0
33.0				24.6	51.0	2 600	32.4	54.4	2 200	33.0



Liftcrane Luffing Jib Intermediate Fall Capacities

Fixed Jib No. 134 At
5 Degree Offset Angle On
Luffing Jib No. 149 On
Boom No. 82
83 730 kg Crane Counterweight
19 960 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speed
(all boom lengths)
5 m/s



999 SERIES 2

48.8m (160 Ft.) Boom, 51.8m (170 Ft.) Luffing Jib, 9.1m (30 Ft.) - 24.4m (80 Ft.) Fixed Jib

Int. Fall Oper. Rad. Meters	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			Int. Fall Oper. Rad. Meters		
	Jib Angle Degrees	Intermediate Fall		Jib Angle Degrees	Intermediate Fall		Jib Angle Degrees	Intermediate Fall		Jib Angle Degrees	Intermediate Fall				
		Elev. Meters	Capacity Kilograms		Elev. Meters	Capacity Kilograms		Elev. Meters	Capacity Kilograms		Elev. Meters	Capacity Kilograms			
12.2	72.5	74.1	26 200*										12.2		
13.0	70.4	73.8	23 500*										13.0		
14.0	67.9	73.4	20 300*	72.2	74.0	25 300*							14.0		
15.0	65.3	73.0	17 800*	69.7	73.6	22 400*							15.0		
16.0	62.6	72.5	15 700*	67.1	73.2	19 700*							16.0		
17.0	59.9	71.9	14 000*	64.5	72.7	17 200*							17.0		
18.0	57.1	71.2	12 600*	61.8	72.2	15 300*							18.0		
19.0	54.2	70.5	11 300*	59.1	71.6	13 600*	65.9	72.7	18 700*				19.0		
20.0	51.1	69.7	10 200*	56.2	70.9	12 300*	63.3	72.2	16 400*				20.0		
21.0	48.0	68.8	9 300*	53.3	70.1	11 100*	60.6	71.6	14 600*				21.0		
22.0	44.6	67.8	8 500*	50.2	69.3	10 000*	57.8	71.0	13 100*	64.7	72.0	14 200	22.0		
23.0	41.0	66.6	7 800*	47.0	68.4	9 200*	54.9	70.3	11 800*	62.0	71.5	12 600	23.0		
24.0	37.2	65.3	7 200*	43.6	67.3	8 400*	51.9	69.5	10 700*	59.2	70.9	11 200	24.0		
25.0	32.9	63.8	6 600*	39.9	66.2	7 600*	48.7	68.6	9 700*	56.4	70.2	9 900	25.0		
26.0	28.0	62.0	6 100*	35.9	64.8	7 000*	45.4	67.6	8 900	53.4	69.5	8 600	26.0		
27.0	22.1	59.7	5 600*	31.5	63.2	6 500*	41.9	66.5	8 000	50.4	68.7	7 500	27.0		
28.0				26.3	61.3	6 000*	38.1	65.3	7 100	47.2	67.7	6 400	28.0		
29.0							33.9	63.8	6 000	43.8	66.7	5 400	29.0		
30.0							29.2	62.1	5 000	40.1	65.5	4 500	30.0		
31.0							23.6	59.9	4 100	36.2	64.2	3 600	31.0		
32.0									16.1	56.9	3 300	31.8	62.6	2 800	32.0

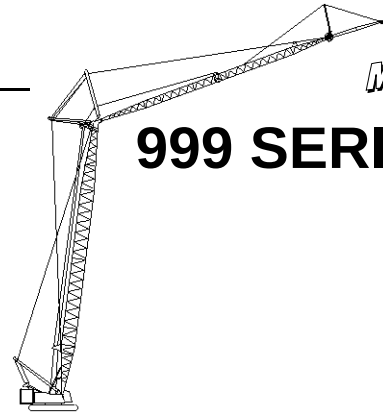


Liftcrane Luffing Jib Intermediate Fall Capacities

999 SERIES 2

Fixed Jib No. 134 At
5 Degree Offset Angle On
Luffing Jib No. 149 On
Boom No. 82
83 730 kg Crane Counterweight
19 960 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speed
(all boom lengths)
5 m/s



48.8m (160 Ft.) Boom, 54.9m (180 Ft.) Luffing Jib, 9.1m (30 Ft.) - 24.4m (80 Ft.) Fixed Jib

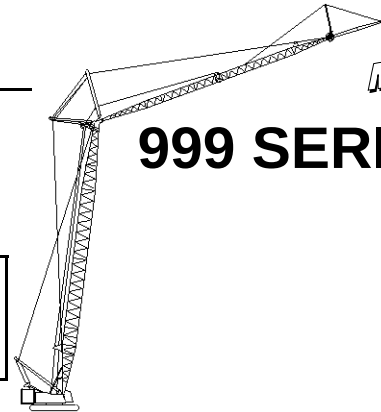
Int. Fall Oper. Rad. Meters	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			Int. Fall Oper. Rad. Meters
	Jib Angle Degrees	Intermediate Fall		Jib Angle Degrees	Intermediate Fall		Jib Angle Degrees	Intermediate Fall		Jib Angle Degrees	Intermediate Fall		
		Elev. Meters	Capacity Kilograms		Elev. Meters	Capacity Kilograms		Elev. Meters	Capacity Kilograms		Elev. Meters	Capacity Kilograms	
12.2	74.5	77.3	26 100*										12.2
13.0	72.7	77.1	26 100*										13.0
14.0	70.5	76.7	25 300*										14.0
15.0	68.2	76.3	22 600*										15.0
16.0	65.9	75.9	20 100*	69.8	76.5	24 400*							16.0
17.0	63.6	75.4	17 900*	67.5	76.1	22 000*							17.0
18.0	61.2	74.8	16 100*	65.2	75.6	19 600*							18.0
19.0	58.7	74.2	14 600*	62.9	75.1	17 500*	68.8	76.0	20 300				19.0
20.0	56.2	73.5	13 200*	60.5	74.5	15 700*	66.5	75.6	18 300				20.0
21.0	53.6	72.8	12 100*	58.0	73.9	14 300*	64.1	75.1	16 500				21.0
22.0	50.9	72.0	11 000*	55.4	73.2	13 000*	61.8	74.6	14 800				22.0
23.0	48.1	71.1	10 100*	52.8	72.4	11 900*	59.3	74.0	13 400	65.4	75.0	12 500	23.0
24.0	45.1	70.1	9 300*	50.1	71.6	10 900*	56.8	73.3	11 900	63.0	74.4	11 200	24.0
25.0	42.0	69.0	8 600*	47.2	70.7	10 000*	54.2	72.6	10 600	60.6	73.9	9 900	25.0
26.0	38.7	67.8	7 900*	44.2	69.7	9 200*	51.5	71.8	9 400	58.1	73.2	8 700	26.0
27.0	35.1	66.4	7 300*	41.0	68.5	8 500*	48.8	70.9	8 300	55.6	72.6	7 600	27.0
28.0	31.1	64.7	6 600*	37.6	67.2	7 800	45.8	69.9	7 300	52.9	71.8	6 500	28.0
29.0	26.5	62.8	5 700*	33.9	65.8	7 000	42.8	68.9	6 300	50.2	71.0	5 600	29.0
30.0	21.0	60.4	5 100*	29.8	64.1	6 100	39.5	67.7	5 300	47.4	70.1	4 700	30.0
31.0				25.0	62.0	5 200	35.9	66.3	4 500	44.4	69.0	3 800	31.0
32.0				19.0	59.4	4 400	32.0	64.8	3 700	41.2	67.9	3 000	32.0
33.0							27.7	62.9	2 900	37.8	66.6	2 300	33.0



Liftcrane Luffing Jib Intermediate Fall Capacities

Fixed Jib No. 134 At
5 Degree Offset Angle On
Luffing Jib No. 149 On
Boom No. 82
83 730 kg Crane Counterweight
19 960 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speed
(all boom lengths)
5 m/s



999 SERIES 2

48.8m (160 Ft.) Boom, 57.9m (190 Ft.) Luffing Jib
9.1m (30 Ft.) - 24.4m (80 Ft.) Fixed Jib

Int. Fall Oper. Rad. Meters	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			Int. Fall Oper. Rad. Meters
	Jib Angle Degrees	Intermediate Fall		Jib Angle Degrees	Intermediate Fall		Jib Angle Degrees	Intermediate Fall		
		Elev. Meters	Capacity Kilograms		Elev. Meters	Capacity Kilograms		Elev. Meters	Capacity Kilograms	
12.2	72.5	74.1	24 600*							12.2
13.0	70.4	73.8	21 900*							13.0
14.0	67.9	73.4	18 700*	72.2	74.0	24 500*				14.0
15.0	65.3	73.0	16 400*	69.7	73.6	21 000*				15.0
16.0	62.6	72.5	14 500*	67.1	73.2	18 100*				16.0
17.0	59.9	71.9	12 900*	64.5	72.7	15 900*				17.0
18.0	57.1	71.2	11 600*	61.8	72.2	14 100*				18.0
19.0	54.2	70.5	10 400*	59.1	71.6	12 600*	65.9	72.7	17 300*	19.0
20.0	51.1	69.7	9 400*	56.2	70.9	11 300*	63.3	72.2	15 200*	20.0
21.0	48.0	68.8	8 600*	53.3	70.1	10 200*	60.6	71.6	13 500*	21.0
22.0	44.6	67.8	7 800*	50.2	69.3	9 300*	57.8	71.0	12 100*	22.0
23.0	41.0	66.6	7 200*	47.0	68.4	8 400*	54.9	70.3	10 900	23.0
24.0	37.2	65.3	6 600*	43.6	67.3	7 700*	51.9	69.5	9 500	24.0
25.0	32.9	63.8	6 000*	39.9	66.2	7 000*	48.7	68.6	8 000	25.0
26.0	28.0	62.0	5 500*	35.9	64.8	6 500	45.4	67.6	6 700	26.0
27.0	22.1	59.7	5 000*	31.5	63.2	5 800	41.9	66.5	5 500	27.0
28.0				26.3	61.3	4 900	38.1	65.3	4 500	28.0
29.0							33.9	63.8	3 400	29.0
30.0							29.2	62.1	2 400	30.0



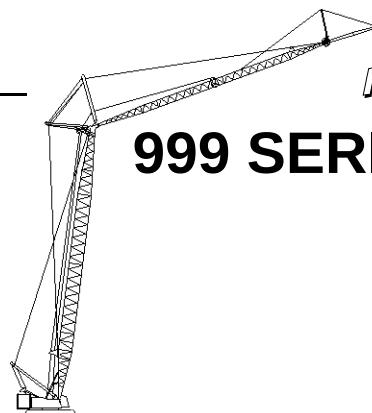
Liftcrane Luffing Jib Intermediate Fall Capacities

999 SERIES 2

Fixed Jib No. 134 At
5 Degree Offset Angle On
Luffing Jib No. 149 On
Boom No. 82
83 730 kg Crane Counterweight
19 960 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speed
(all boom lengths)

5 m/s



**48.8m (160 Ft.) Boom, 61.0m (200 Ft.) Luffing Jib
9.1m (30 Ft.) - 24.4m (80 Ft.) Fixed Jib**

Int. Fall Oper. Rad. Meters	88 Degree Boom Angle			86 Degree Boom Angle			Int. Fall Oper. Rad. Meters
	Jib Angle Degrees	Intermediate Fall		Jib Angle Degrees	Intermediate Fall		
		Elev. Meters	Capacity Kilograms		Elev. Meters	Capacity Kilograms	
12.2	74.5	77.3	26 100*				12.2
13.0	72.7	77.1	25 300*				13.0
14.0	70.5	76.7	24 000*				14.0
15.0	68.2	76.3	21 100*				15.0
16.0	65.9	75.9	18 400*	69.8	76.5	23 000*	16.0
17.0	63.6	75.4	16 500*	67.5	76.1	20 200*	17.0
18.0	61.2	74.8	14 800*	65.2	75.6	17 900*	18.0
19.0	58.7	74.2	13 400*	62.9	75.1	16 000*	19.0
20.0	56.2	73.5	12 100*	60.5	74.5	14 500*	20.0
21.0	53.6	72.8	11 000*	58.0	73.9	13 100*	21.0
22.0	50.9	72.0	10 100*	55.4	73.2	11 900*	22.0
23.0	48.1	71.1	9 300*	52.8	72.4	10 900*	23.0
24.0	45.1	70.1	8 500*	50.1	71.6	9 900*	24.0
25.0	42.0	69.0	7 800*	47.2	70.7	8 900	25.0
26.0	38.7	67.8	6 900*	44.2	69.7	7 700	26.0
27.0	35.1	66.4	5 900*	41.0	68.5	6 600	27.0
28.0	31.1	64.7	5 000*	37.6	67.2	5 500	28.0
29.0	26.5	62.8	4 200*	33.9	65.8	4 400	29.0
30.0	21.0	60.4	3 400*	29.8	64.1	3 500	30.0

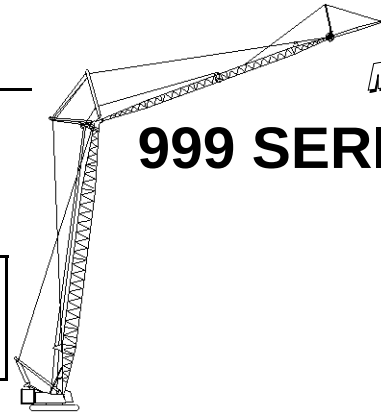


Liftcrane Luffing Jib Intermediate Fall Capacities

999 SERIES 2

Fixed Jib No. 134 At
5 Degree Offset Angle On
Luffing Jib No. 149 On
Boom No. 82
83 730 kg Crane Counterweight
19 960 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speed
(all boom lengths)
5 m/s



**48.8m (160 Ft.) Boom, 64.0m (210 Ft.) Luffing Jib
9.1m (30 Ft.) - 21.3m (70 Ft.) Fixed Jib**

Int. Fall Oper. Rad. Meters	88 Degree Boom Angle			86 Degree Boom Angle			Int. Fall Oper. Rad. Meters
	Jib Angle Degrees	Intermediate Fall		Jib Angle Degrees	Intermediate Fall		
		Elev. Meters	Capacity Kilograms		Elev. Meters	Capacity Kilograms	
13.7	73.1	80.1	26 100*				13.7
14.0	72.5	80.0	25 600*				14.0
15.0	70.5	79.6	23 600*				15.0
16.0	68.5	79.2	21 500*	71.9	79.8	24 900*	16.0
17.0	66.4	78.8	19 300*	69.9	79.4	23 100*	17.0
18.0	64.3	78.3	17 400*	67.9	79.0	21 000*	18.0
19.0	62.2	77.8	15 700*	65.8	78.5	18 800*	19.0
20.0	60.0	77.2	14 300*	63.7	78.0	17 000	20.0
21.0	57.8	76.5	13 100*	61.6	77.5	15 200	21.0
22.0	55.5	75.9	12 000*	59.4	76.9	13 600	22.0
23.0	53.1	75.1	11 000*	57.1	76.2	12 100	23.0
24.0	50.7	74.3	10 000*	54.8	75.5	10 700	24.0
25.0	48.2	73.4	8 900*	52.4	74.8	9 400	25.0
26.0	45.5	72.4	7 700*	49.9	73.9	8 100	26.0
27.0	42.8	71.3	6 700*	47.4	73.0	7 000	27.0
28.0	39.8	70.1	5 800*	44.7	72.0	5 900	28.0
29.0	36.7	68.8	5 000*	41.9	70.9	4 900	29.0
30.0	33.3	67.3	4 200*	38.9	69.7	4 000	30.0
31.0	29.6	65.6	3 400*	35.7	68.3	3 100	31.0
32.0	25.3	63.6	2 400*	32.2	66.7	2 300	32.0