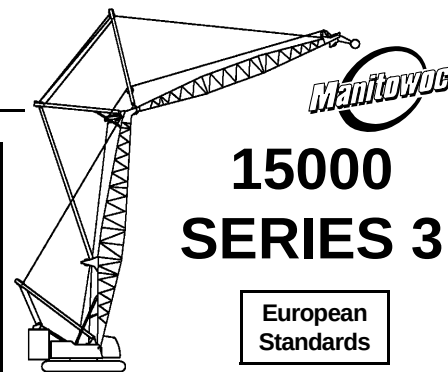


Liftcrane Luffing Jib Capacities

**Luffing Jib No. 149A with
Boom No. 57
99 740 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating**

Maximum Operating Wind Speeds (all boom lengths)

13 m/s with 21.3m thru 33.5m Luffing Jib
11 m/s with 36.6m thru 42.7m Luffing Jib
9 m/s with 45.7m thru 51.8m Luffing Jib
7 m/s with 54.9m thru 67.1m Luffing Jib
5 m/s with 70.1m and 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. 8631-A** for Maximum Number of Lower Boom Point Sheaves (Layout Jack-Knife Method table, column A).

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

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

OPERATING CONDITIONS: Machine to operate on a firm uniformly supporting surface with gantry up and bearing turntable level within a tolerance of 13 mm in 3m and properly supported. During operation, boom must be maintained at one of the selected angles shown in chart. Refer to luffing jib assembly **No. A08947**, Wire Rope Specification chart **No. 8630-A** and Luffing Jib Raising Procedure chart **No. 8631-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 Operator's Manual for operating guidelines.

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

Refer to Wind Conditions Chart **No. 8635-A** for instructions on parking or lowering boom and jib onto blocking at ground level.

MACHINE TRAVEL: Machine to travel on a firm, level (not to exceed 13mm 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. 8634-A**.

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

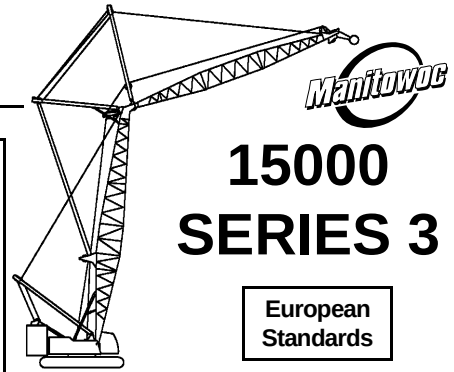
LUFFING JIB POINT ELEVATION: Luffing jib point elevation is vertical distance from ground level to centerline of luffing jib point shaft.

MACHINE EQUIPMENT: Machine equipped with 8 585 mm crawlers, 1 219 mm treads, 3 124 mm retractable gantry, 9 144 mm live mast, 20 part boom hoist reeving, boom support straps, 9 part luffing jib hoist reeving, luffing jib and backstay support straps, 99 740 kg crane counterweight and 36 290 kg carbody counterweight.

Consult chart **No. 8637-AM** for intermediate fall capacities.

Intermediate Fall Deduct

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



Liftcrane Luffing Jib Capacities

**Luffing Jib No. 149A with
Boom No. 57
99 740 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating**

Maximum Operating Wind Speeds (all boom lengths)		
13 m/s with 21.3m thru 33.5m Luffing Jib		
11 m/s with 36.6m thru 42.7m Luffing Jib		
9 m/s with 45.7m thru 51.8m Luffing Jib		
7 m/s with 54.9m thru 67.1m Luffing Jib		
5 m/s with 70.1m and 73.2m Luffing Jib		

**15000
SERIES 3**

European
Standards

24.5m (80 Ft.) Boom, 21.3m (70 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
11.0	69.3	46.8	80 000*b																			11.0
12.0	66.3	46.3	75 600*b																			12.0
14.0	60.2	45.3	62 200*b	62.9	45.7	72 300*b	66.7	46.2	72 700b													14.0
16.0	53.7	43.9	52 900*	56.6	44.5	63 800*	60.6	45.1	63 300b	64.5	45.6	62 200b										16.0
18.0	46.6	42.2	46 300*	49.8	42.9	54 100*	54.2	43.8	56 200	58.3	44.4	55 000										18.0
20.0	38.5	39.9	41 600*	42.1	40.9	47 400*	47.1	42.1	50 300	51.7	43.0	49 300	58.5	44.0	47 600							20.0
22.0	28.5	36.8	36 700*	33.1	38.2	41 000*	39.1	39.9	44 500	44.3	41.1	43 700	51.9	42.5	42 300							22.0
24.0	12.2	31.1	25 600*	20.8	34.1	32 500*	29.2	36.8	39 400	35.7	38.6	39 100	44.6	40.7	37 900	52.0	41.8	36 600				24.0
26.0										24.7	35.0	35 200	36.1	38.2	34 200	44.7	40.0	33 000	51.8	40.9	32 000	26.0
28.0													25.2	34.7	31 100	36.2	37.5	30 100	44.5	39.1	29 100	28.0
30.0																25.3	34.0	27 500	36.0	36.6	26 600	30.0
32.0																			25.0	33.1	24 400	32.0

24.5m (80 Ft.) Boom, 24.4m (80 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
11.0	72.0	50.0	76 900*b																			11.0
12.0	69.4	49.6	73 400*b																			12.0
14.0	64.3	48.7	62 700*b	66.5	49.1	69 700*b	69.7	49.5	71 200b													14.0
16.0	58.9	47.6	52 900*	61.2	48.1	63 500	64.6	48.6	62 100b													16.0
18.0	53.2	46.2	46 100*	55.7	46.8	55 000	59.2	47.5	55 100	62.7	48.0	54 000										18.0
20.0	46.9	44.5	41 000*	49.7	45.2	47 700*	53.5	46.1	49 400	57.2	46.8	48 400										20.0
22.0	40.0	42.3	37 100*	43.1	43.2	41 900*	47.4	44.4	44 400	51.3	45.3	43 600	57.4	46.3	42 100							22.0
24.0	31.8	39.5	33 200*	35.5	40.7	36 300*	40.5	42.2	39 700	44.9	43.4	38 900	51.5	44.8	37 600							24.0
26.0	20.8	35.2	27 300*	26.0	37.2	31 700*	32.4	39.4	35 900	37.7	41.1	35 200	45.2	43.0	34 000	51.6	44.1	32 800				26.0
28.0							21.6	35.3	30 000*	28.9	37.9	32 000	37.9	40.7	30 900	45.2	42.3	29 900				28.0
30.0										16.0	32.8	27 100	29.2	37.5	28 300	38.0	40.0	27 300	45.1	41.4	26 400	30.0
32.0													16.7	32.6	26 000	29.3	36.9	25 100	37.8	39.0	24 200	32.0
34.0																			29.1	35.9	22 400	34.0
36.0																			16.4	30.9	20 700	36.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A with
Boom No. 57
99 740 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

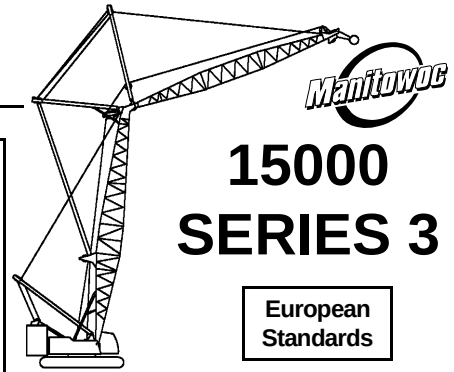
Maximum Operating Wind Speeds (all boom lengths)		
13 m/s with 21.3m thru 33.5m Luffing Jib		
11 m/s with 36.6m thru 42.7m Luffing Jib		
9 m/s with 45.7m thru 51.8m Luffing Jib		
7 m/s with 54.9m thru 67.1m Luffing Jib		
5 m/s with 70.1m and 73.2m Luffing Jib		

24.5m (80 Ft.) Boom, 27.4m (90 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
11.0	74.1	53.2	73 500*b																			11.0
12.0	71.8	52.9	70 300*b																			12.0
14.0	67.3	52.1	64 400*b	69.3	52.4	67 000*b																14.0
16.0	62.7	51.1	53 600*	64.7	51.5	61 700	67.6	51.9	61 100b													16.0
18.0	57.8	50.0	46 400*	59.9	50.4	55 500	63.0	51.0	54 100													18.0
20.0	52.7	48.5	41 100*	54.9	49.1	48 600*	58.2	49.8	48 600	61.2	50.3	47 600										20.0
22.0	47.2	46.8	37 000*	49.6	47.5	42 700*	53.0	48.4	44 000	56.3	49.1	43 100	61.4	49.9	41 600							22.0
24.0	41.1	44.7	33 600*	43.8	45.6	37 300*	47.5	46.7	39 700	51.1	47.6	38 900	56.5	48.6	37 500							24.0
26.0	34.1	42.0	30 000*	37.2	43.2	32 800*	41.5	44.6	35 800	45.4	45.7	35 100	51.3	47.1	33 900	56.5	47.9	32 700				26.0
28.0	25.5	38.4	26 500*	29.4	40.0	29 100*	34.6	42.0	32 600	39.1	43.5	31 900	45.6	45.3	30 800	51.3	46.4	29 700				28.0
30.0	11.8	32.2	19 400*	18.9	35.4	24 000*	26.1	38.4	28 900	31.7	40.6	29 200	39.3	43.0	28 200	45.7	44.6	27 200				30.0
32.0							13.1	32.5	22 000*	22.2	36.5	26 900	32.0	40.2	25 900	39.4	42.4	25 000	45.5	43.7	24 100	32.0
34.0													22.6	36.2	23 900	32.1	39.5	23 100	39.2	41.4	22 300	34.0
36.0																22.7	35.5	21 400	31.9	38.5	20 600	36.0
38.0																			22.5	34.5	19 200	38.0

24.5m (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	56.4	70 300*b																			11.0
12.0	73.7	56.1	67 500*b																			12.0
14.0	69.7	55.4	62 200*b	71.4	55.6	64 400*b																14.0
16.0	65.6	54.5	54 500*	67.4	54.9	59 800*																16.0
18.0	61.4	53.5	46 600*	63.2	53.9	54 400	65.9	54.4	53 200													18.0
20.0	57.0	52.3	41 100*	58.9	52.8	48 800	61.7	53.4	47 700	64.4	53.8	46 700										20.0
22.0	52.3	50.8	36 800*	54.4	51.4	43 300*	57.3	52.1	43 300	60.1	52.7	42 300										22.0
24.0	47.4	49.1	33 500*	49.5	49.8	37 800*	52.6	50.7	39 400	55.6	51.4	38 500	60.2	52.2	37 100							24.0
26.0	41.9	47.0	30 200*	44.3	47.9	33 200*	47.7	49.0	35 600	50.9	49.9	34 900	55.8	51.0	33 600							26.0
28.0	35.9	44.5	27 200*	38.5	45.6	29 600*	42.3	46.9	32 400	45.8	48.0	31 700	51.0	49.4	30 600	55.8	50.3	29 500				28.0
30.0	28.7	41.2	24 500*	31.9	42.7	26 600*	36.3	44.4	29 700	40.2	45.8	29 000	46.0	47.6	28 000	51.1	48.7	26 900				30.0
32.0	19.1	36.5	20 500*	23.6	38.7	23 400*	29.2	41.2	27 000	33.8	43.1	26 700	40.4	45.4	25 700	46.0	46.9	24 800	51.0	47.8	23 800	32.0
34.0							19.8	36.7	22 400*	26.1	39.5	24 700	34.1	42.7	23 800	40.4	44.7	22 900	45.9	46.0	22 000	34.0
36.0										15.0	34.0	21 100	26.4	39.2	22 000	34.1	42.0	21 200	40.3	43.8	20 400	36.0
38.0													15.5	33.7	20 400	26.5	38.5	19 700	34.0	41.1	18 900	38.0
40.0																			26.3	37.5	17 700	40.0
42.0																			15.3	32.1	16 500	42.0



Liftcrane Luffing Jib Capacities

**Luffing Jib No. 149A with
Boom No. 57
99 740 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating**

Maximum Operating Wind Speeds (all boom lengths)		
13 m/s with 21.3m thru 33.5m Luffing Jib		
11 m/s with 36.6m thru 42.7m Luffing Jib		
9 m/s with 45.7m thru 51.8m Luffing Jib		
7 m/s with 54.9m thru 67.1m Luffing Jib		
5 m/s with 70.1m and 73.2m Luffing Jib		

**15000
SERIES 3**

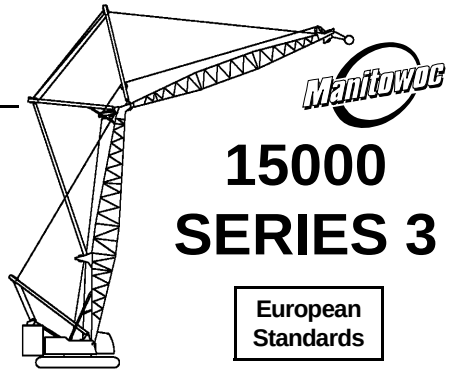
European
Standards

24.5m (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	76.0	59.4	65 800*																			11.6
12.0	75.2	59.3	64 700*																			12.0
14.0	71.6	58.6	60 100*	73.2	58.8	61 900*																14.0
16.0	68.0	57.9	54 900*	69.6	58.2	57 700*																16.0
18.0	64.2	57.0	47 000*	65.8	57.3	53 400	68.2	57.7	52 400													18.0
20.0	60.3	55.9	41 200*	62.0	56.3	48 100	64.5	56.8	47 100	66.8	57.2	46 100										20.0
22.0	56.3	54.6	36 800*	58.0	55.1	43 300	60.6	55.7	42 700	63.0	56.2	41 700										22.0
24.0	52.0	53.1	33 400*	53.9	53.7	38 200*	56.5	54.5	39 000	59.1	55.1	38 100										24.0
26.0	47.5	51.4	30 400*	49.5	52.1	33 600*	52.3	53.0	35 600	55.0	53.7	34 800	59.3	54.6	33 600							26.0
28.0	42.6	49.4	27 300*	44.8	50.2	30 000*	47.8	51.3	32 400	50.7	52.2	31 700	55.2	53.3	30 500							28.0
30.0	37.2	46.9	24 700*	39.6	47.9	26 900*	42.9	49.3	29 600	46.1	50.4	29 000	50.9	51.7	27 900	55.2	52.6	26 900				30.0
32.0	31.0	43.9	22 500*	33.8	45.2	24 400*	37.6	46.8	27 300	41.0	48.2	26 700	46.2	49.9	25 700	50.9	51.0	24 700				32.0
34.0	23.4	39.9	20 200*	26.9	41.7	22 000*	31.4	43.9	24 900*	35.4	45.6	24 700	41.2	47.8	23 700	46.3	49.2	22 800	50.8	50.1	22 000	34.0
36.0	11.5	33.2	15 100*	17.6	36.6	18 400*	23.9	39.9	21 900*	28.9	42.3	22 900	35.7	45.2	22 000	41.3	47.1	21 100	46.2	48.3	20 300	36.0
38.0							12.6	33.6	17 100*	20.5	37.8	21 100	29.2	42.0	20 500	35.7	44.5	19 700	41.2	46.2	18 900	38.0
40.0													20.9	37.5	19 100	29.2	41.3	18 300	35.6	43.6	17 600	40.0
42.0																21.0	36.9	17 100	29.1	40.3	16 500	42.0
44.0																			20.7	35.9	15 400	44.0

24.5m (80 Ft.) Boom, 36.6m (120 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
13.7	73.7	61.9	57 900*																			13.7
14.0	73.2	61.8	57 300*																			14.0
16.0	69.9	61.2	53 600*	71.3	61.4	55 100*																16.0
18.0	66.5	60.3	48 200*	68.0	60.6	51 700*																18.0
20.0	63.0	59.4	41 800*	64.5	59.7	47 300	66.7	60.2	46 200													20.0
22.0	59.4	58.2	37 200*	61.0	58.7	42 800	63.3	59.2	41 900	65.5	59.6	41 000										22.0
24.0	55.7	56.9	33 600*	57.3	57.4	38 400*	59.7	58.1	38 300	62.0	58.6	37 400										24.0
26.0	51.8	55.4	30 700*	53.5	56.0	34 300*	55.9	56.8	35 200	58.3	57.4	34 400	62.1	58.1	33 100							26.0
28.0	47.6	53.7	27 700*	49.4	54.4	30 600*	52.0	55.3	32 200	54.5	56.0	31 500	58.5	56.9	30 300							28.0
30.0	43.2	51.7	25 000*	45.1	52.5	27 400*	47.9	53.6	29 400	50.5	54.5	28 800	54.7	55.6	27 700							30.0
32.0	38.3	49.3	22 700*	40.5	50.3	24 800*	43.5	51.6	27 100	46.3	52.7	26 500	50.7	54.0	25 400	54.7	54.9	24 400				32.0
34.0	32.9	46.5	20 800*	35.3	47.7	22 500*	38.7	49.2	25 000*	41.8	50.5	24 400	46.5	52.2	23 500	50.7	53.3	22 600				34.0
36.0	26.4	42.8	19 100*	29.3	44.4	20 600*	33.2	46.4	23 000*	36.7	48.0	22 700	41.9	50.1	21 800	46.5	51.5	20 900	50.6	52.4	20 100	36.0
38.0	17.9	37.8	15 900*	21.9	40.2	18 000*	26.9	42.9	21 000*	31.0	45.0	21 100	36.9	47.6	20 300	42.0	49.4	19 400	46.4	50.6	18 700	38.0
40.0							18.5	38.0	17 400*	24.1	41.1	19 600	31.3	44.6	18 900	37.0	47.0	18 100	41.9	48.5	17 400	40.0
42.0										14.3	35.1	16 700*	24.4	40.7	17 700	31.3	43.9	17 000	36.9	46.0	16 300	42.0
44.0													14.7	34.9	16 500	24.5	40.1	15 900	31.2	43.0	15 200	44.0
46.0																			24.3	39.1	14 200	46.0
48.0																			14.6	33.2	13 400	48.0



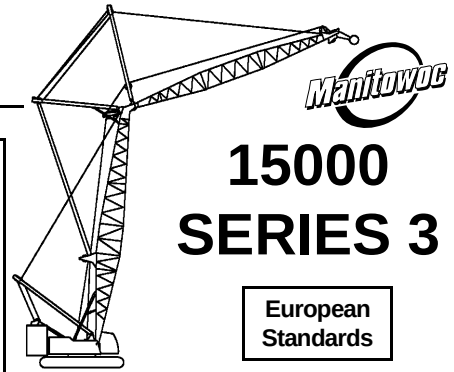
Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A with
Boom No. 57
99 740 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speeds (all boom lengths)	
13 m/s with 21.3m thru 33.5m Luffing Jib	
11 m/s with 36.6m thru 42.7m Luffing Jib	
9 m/s with 45.7m thru 51.8m Luffing Jib	
7 m/s with 54.9m thru 67.1m Luffing Jib	
5 m/s with 70.1m and 73.2m Luffing Jib	

24.5m (80 Ft.) Boom, 39.6m (130 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
13.7	75.0	65.1	53 400*																			13.7
14.0	74.5	65.0	53 300*																			14.0
16.0	71.5	64.4	51 900*	72.8	64.6	53 000*																16.0
18.0	68.4	63.6	48 300*	69.8	63.9	49 900*																18.0
20.0	65.3	62.8	42 400*	66.6	63.1	46 600	68.6	63.5	45 500													20.0
22.0	62.0	61.7	37 400*	63.4	62.1	42 200	65.5	62.6	41 200													22.0
24.0	58.7	60.6	33 700*	60.1	61.0	38 200	62.2	61.6	37 700	64.3	62.0	36 900										24.0
26.0	55.2	59.2	30 700*	56.7	59.8	34 100*	58.9	60.4	34 700	61.0	61.0	33 800										26.0
28.0	51.6	57.7	27 800*	53.1	58.3	30 800*	55.4	59.1	32 000	57.6	59.7	31 200	61.1	60.5	30 000							28.0
30.0	47.7	56.0	25 100*	49.4	56.7	27 700*	51.8	57.6	29 300	54.1	58.4	28 600	57.8	59.3	27 500							30.0
32.0	43.7	54.0	22 900*	45.4	54.8	25 000*	48.0	55.9	26 900	50.4	56.8	26 300	54.2	57.9	25 300	57.8	58.6	24 300				32.0
34.0	39.2	51.7	20 900*	41.2	52.7	22 700*	43.9	53.9	24 800*	46.5	55.0	24 300	50.6	56.3	23 300	54.3	57.2	22 400				34.0
36.0	34.4	49.0	19 200*	36.5	50.1	20 800*	39.5	51.6	22 800*	42.4	52.9	22 500	46.7	54.5	21 600	50.6	55.6	20 700				36.0
38.0	28.7	45.6	17 800*	31.2	47.1	19 100*	34.7	48.9	21 100*	37.8	50.5	21 000	42.5	52.5	20 100	46.7	53.8	19 300				38.0
40.0	21.8	41.3	15 800*	25.0	43.2	17 400*	29.1	45.7	19 500*	32.7	47.6	19 600	38.0	50.0	18 800	42.6	51.8	17 900	46.6	52.9	17 200	40.0
42.0	11.3	34.3	11 800*	16.6	37.8	14 200*	22.3	41.4	17 300*	26.8	44.0	18 300	32.9	47.2	17 500	38.0	49.4	16 800	42.5	50.8	16 100	42.0
44.0							12.2	34.7	13 500*	19.2	39.2	16 500	27.0	43.6	16 400	33.0	46.5	15 700	37.9	48.4	15 000	44.0
46.0													19.5	38.8	15 400	27.1	43.0	14 700	32.9	45.6	14 100	46.0
48.0																19.6	38.2	13 900	26.9	42.0	13 200	48.0
50.0																			19.4	37.2	12 400	50.0



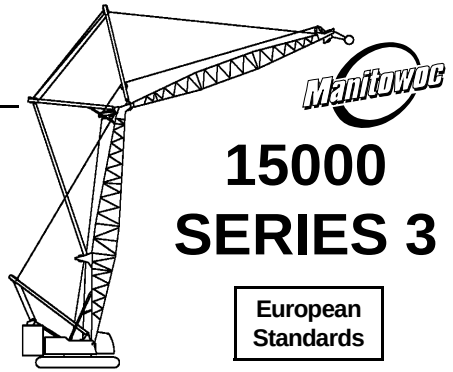
Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A with
Boom No. 57
99 740 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speeds (all boom lengths)		
13 m/s with 21.3m thru 33.5m Luffing Jib		
11 m/s with 36.6m thru 42.7m Luffing Jib		
9 m/s with 45.7m thru 51.8m Luffing Jib		
7 m/s with 54.9m thru 67.1m Luffing Jib		
5 m/s with 70.1m and 73.2m Luffing Jib		

24.5m (80 Ft.) Boom, 42.7m (140 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
15.2	74.0	67.8	46 900*																			15.2
16.0	72.9	67.6	46 800*																			16.0
18.0	70.0	66.9	46 300*	71.3	67.2	47 900*																18.0
20.0	67.1	66.1	43 200*	68.4	66.4	45 200	70.2	66.7	44 700													20.0
22.0	64.2	65.2	37 800*	65.5	65.5	41 600	67.3	65.9	40 500													22.0
24.0	61.1	64.1	33 900*	62.5	64.5	37 700	64.4	65.0	37 000	66.3	65.4	36 200										24.0
26.0	58.0	62.9	30 700*	59.4	63.4	33 900*	61.3	64.0	34 000	63.3	64.4	33 200										26.0
28.0	54.8	61.6	27 900*	56.2	62.1	30 500*	58.2	62.8	31 500	60.2	63.3	30 700										28.0
30.0	51.4	60.0	25 200*	52.9	60.7	27 700*	55.0	61.4	29 100	57.0	62.1	28 400	60.3	62.8	27 200							30.0
32.0	47.8	58.3	22 900*	49.4	59.0	25 100*	51.6	59.9	26 700	53.8	60.7	26 100	57.2	61.6	25 000							32.0
34.0	44.1	56.3	21 000*	45.7	57.1	22 800*	48.1	58.2	24 500*	50.3	59.1	24 100	53.9	60.2	23 100	57.2	60.9	22 100				34.0
36.0	40.0	54.1	19 300*	41.8	55.0	20 900*	44.3	56.2	22 600*	46.7	57.3	22 300	50.5	58.6	21 400	53.9	59.5	20 500				36.0
38.0	35.6	51.5	17 800*	37.5	52.5	19 200*	40.3	54.0	20 800*	42.9	55.2	20 800	46.8	56.8	19 900	50.5	57.9	19 000				38.0
40.0	30.6	48.3	16 400*	32.8	49.7	17 700*	35.9	51.4	19 300*	38.7	52.9	19 300	43.0	54.8	18 500	46.9	56.2	17 700	50.4	57.0	16 900	40.0
42.0	24.7	44.4	15 000*	27.4	46.1	16 400*	30.9	48.3	17 900*	34.1	50.1	18 100	38.9	52.4	17 300	43.0	54.1	16 600	46.8	55.2	15 800	42.0
44.0	16.9	39.0	12 400*	20.6	41.5	14 100*	25.1	44.5	16 500*	28.9	46.8	16 900	34.3	49.7	16 200	38.9	51.8	15 500	43.0	53.2	14 800	44.0
46.0							17.5	39.2	13 600*	22.6	42.5	15 800	29.1	46.4	15 200	34.4	49.0	14 500	38.8	50.8	13 800	46.0
48.0										13.7	36.2	13 000*	22.9	42.2	14 300	29.2	45.7	13 600	34.2	48.1	13 000	48.0
50.0													14.2	36.0	13 400	22.9	41.5	12 800	29.0	44.8	12 200	50.0
52.0																			22.8	40.5	11 500	52.0
54.0																			14.0	34.3	10 800	54.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A with
Boom No. 57
99 740 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

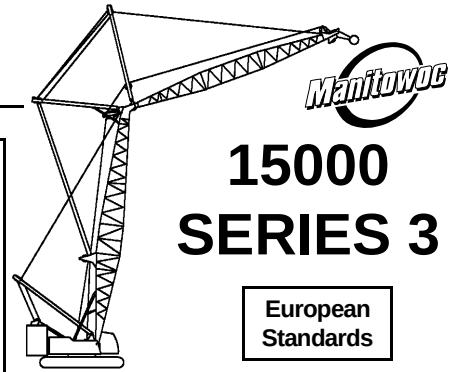
Maximum Operating Wind Speeds (all boom lengths)	
13 m/s with 21.3m thru 33.5m Luffing Jib	
11 m/s with 36.6m thru 42.7m Luffing Jib	
9 m/s with 45.7m thru 51.8m Luffing Jib	
7 m/s with 54.9m thru 67.1m Luffing Jib	
5 m/s with 70.1m and 73.2m Luffing Jib	

**15000
SERIES 3**

European
Standards

24.5m (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	71.0	41 700*																			15.2
16.0	74.1	70.8	41 600*																			16.0
18.0	71.4	70.2	41 200*																			18.0
20.0	68.8	69.4	40 900*																			20.0
22.0	66.0	68.6	38 800*	69.9	69.7	43 600*																22.0
				67.2	68.9	41 000	68.9	69.2	40 000													
24.0	63.2	67.6	34 200*	64.4	67.9	37 400	66.2	68.4	36 500													24.0
26.0	60.4	66.5	30 900*	61.6	66.9	33 800*	63.4	67.4	33 600	65.2	67.8	32 800										26.0
28.0	57.4	65.3	28 000*	58.7	65.7	30 400*	60.6	66.3	31 100	62.4	66.8	30 300										28.0
30.0	54.4	63.9	25 200*	55.7	64.4	27 600*	57.6	65.1	28 800	59.5	65.7	28 100										30.0
32.0	51.2	62.3	23 000*	52.6	63.0	25 200*	54.6	63.7	26 600	56.5	64.4	26 000	59.6	65.2	24 900							32.0
34.0	47.9	60.6	21 000*	49.3	61.3	23 000*	51.4	62.2	24 400*	53.4	63.0	24 000	56.6	63.9	23 000							34.0
36.0	44.4	58.7	19 300*	45.9	59.5	21 000*	48.1	60.5	22 400*	50.2	61.4	22 200	53.6	62.5	21 300							36.0
38.0	40.7	56.4	17 800*	42.3	57.3	19 300*	44.6	58.6	20 700*	46.9	59.6	20 700	50.4	60.9	19 800	53.6	61.8	18 900				38.0
40.0	36.6	53.9	16 500*	38.4	55.0	17 800*	40.9	56.4	19 200*	43.3	57.5	19 300	47.0	59.1	18 400	50.4	60.2	17 600				40.0
42.0	32.1	50.9	15 300*	34.1	52.2	16 500*	36.9	53.8	17 800*	39.5	55.2	18 000	43.4	57.1	17 200	47.0	58.5	16 500	50.3	59.3	15 700	42.0
44.0	26.9	47.3	14 200*	29.3	48.9	15 300*	32.4	50.9	16 600*	35.3	52.6	16 900	39.6	54.8	16 200	43.5	56.4	15 400	46.9	57.5	14 700	44.0
46.0	20.6	42.7	12 300*	23.5	44.7	13 800*	27.3	47.3	15 400*	30.6	49.4	15 900	35.5	52.2	15 100	39.7	54.1	14 500	43.4	55.5	13 800	46.0
48.0	11.1	35.4	9 300*	15.9	39.0	11 200*	21.1	42.8	13 600*	25.2	45.6	14 900	30.8	49.0	14 200	35.5	51.5	13 600	39.6	53.2	12 900	48.0
50.0							12.0	35.8	10 700*	18.2	40.4	13 200	25.4	45.2	13 400	30.9	48.4	12 800	35.4	50.5	12 200	50.0
52.0													18.5	40.1	12 600	25.5	44.6	12 000	30.7	47.4	11 500	52.0
54.0																18.6	39.5	11 300	25.3	43.6	10 800	54.0
56.0																			18.4	38.5	10 200	56.0



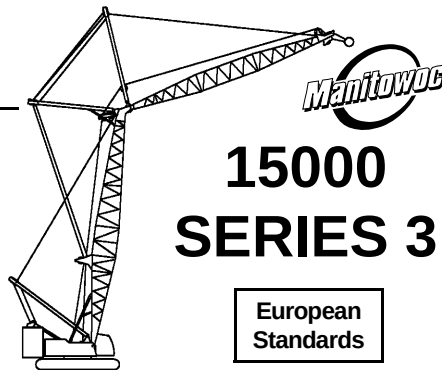
Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A with
Boom No. 57
99 740 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speeds (all boom lengths)		
13 m/s with 21.3m thru 33.5m Luffing Jib		
11 m/s with 36.6m thru 42.7m Luffing Jib		
9 m/s with 45.7m thru 51.8m Luffing Jib		
7 m/s with 54.9m thru 67.1m Luffing Jib		
5 m/s with 70.1m and 73.2m Luffing Jib		

24.5m (80 Ft.) Boom, 48.8m (160 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
16.8	74.1	73.7	36 700*																			16.8
18.0	72.6	73.4	36 500*																			18.0
20.0	70.1	72.7	36 200*	71.2	72.9	40 500*																20.0
22.0	67.6	71.9	35 900*	68.7	72.2	39 200*																22.0
24.0	65.0	71.0	34 900*	66.1	71.3	37 000	67.8	71.7	35 900													24.0
26.0	62.4	70.0	31 600*	63.5	70.4	33 800	65.2	70.8	33 000	66.8	71.2	32 200										26.0
28.0	59.7	68.8	28 500*	60.9	69.3	30 400*	62.6	69.8	30 500	64.2	70.2	29 700										28.0
30.0	56.9	67.6	25 700*	58.1	68.1	27 600*	59.9	68.7	28 300	61.6	69.2	27 600										30.0
32.0	54.1	66.2	23 300*	55.3	66.7	25 100*	57.1	67.4	26 400	58.9	68.0	25 700	61.7	68.7	24 500							32.0
34.0	51.1	64.6	21 300*	52.4	65.3	23 000*	54.3	66.1	24 300*	56.1	66.7	23 800	59.0	67.6	22 800							34.0
36.0	48.0	62.9	19 500*	49.3	63.6	21 200*	51.3	64.5	22 300*	53.2	65.3	22 000	56.2	66.3	21 100							36.0
38.0	44.7	61.0	18 000*	46.1	61.8	19 500*	48.2	62.8	20 500*	50.2	63.7	20 400	53.3	64.8	19 600							38.0
40.0	41.2	58.8	16 600*	42.7	59.7	18 000*	44.9	60.9	19 000*	47.0	61.9	19 100	50.3	63.2	18 200	53.3	64.1	17 400				40.0
42.0	37.5	56.3	15 400*	39.1	57.3	16 700*	41.5	58.7	17 600*	43.7	59.9	17 800	47.1	61.4	17 000	50.3	62.5	16 200				42.0
44.0	33.4	53.5	14 300*	35.2	54.7	15 400*	37.7	56.2	16 400*	40.1	57.6	16 700	43.8	59.4	15 900	47.2	60.8	15 200	50.2	61.6	14 400	44.0
46.0	28.8	50.1	13 300*	30.8	51.5	14 300*	33.7	53.4	15 300*	36.3	55.0	15 600	40.3	57.2	14 900	43.8	58.8	14 200	47.1	59.8	13 500	46.0
48.0	23.3	45.9	12 000*	25.8	47.7	13 100*	29.1	50.1	14 300*	32.0	52.0	14 700	36.4	54.6	14 000	40.3	56.5	13 300	43.8	57.8	12 700	48.0
50.0	16.2	40.2	9 700*	19.6	42.8	11 100*	23.7	46.0	13 100*	27.2	48.5	13 900	32.2	51.6	13 200	36.5	53.9	12 500	40.2	55.6	11 900	50.0
52.0							16.8	40.4	10 800*	21.4	43.9	12 900*	27.4	48.1	12 400	32.3	51.0	11 800	36.4	53.0	11 200	52.0
54.0										13.3	37.3	10 400*	21.7	43.6	11 700	27.5	47.4	11 100	32.1	50.0	10 500	54.0
56.0													13.7	37.1	11 000	21.7	43.0	10 500	27.3	46.4	10 000	56.0
58.0																			21.6	42.0	9 400	58.0
60.0																			13.6	35.5	8 800	60.0



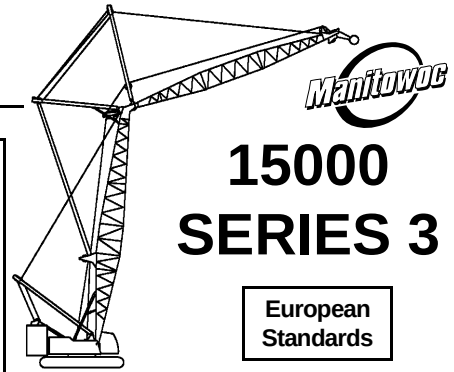
Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A with
Boom No. 57
99 740 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speeds (all boom lengths)	
13 m/s with 21.3m thru 33.5m Luffing Jib	
11 m/s with 36.6m thru 42.7m Luffing Jib	
9 m/s with 45.7m thru 51.8m Luffing Jib	
7 m/s with 54.9m thru 67.1m Luffing Jib	
5 m/s with 70.1m and 73.2m Luffing Jib	

24.5m (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	76.9	32 800*																		16.8	
18.0	73.7	76.6	32 600*																		18.0	
20.0	71.4	75.9	32 300*	72.4	76.1	36 800*															20.0	
22.0	69.0	75.2	32 000*	70.0	75.4	36 500*															22.0	
24.0	66.6	74.3	31 600*	67.6	74.6	35 800	69.2	75.0	34 800												24.0	
26.0	64.2	73.4	31 300*	65.2	73.7	33 300	66.8	74.2	32 400												26.0	
28.0	61.7	72.4	28 700*	62.7	72.7	30 200*	64.3	73.2	30 000	65.9	73.6	29 200									28.0	
30.0	59.1	71.2	25 700*	60.2	71.7	27 300*	61.8	72.2	27 800	63.4	72.7	27 100									30.0	
32.0	56.5	69.9	23 400*	57.6	70.4	24 900*	59.3	71.1	25 900	60.9	71.6	25 200									32.0	
34.0	53.8	68.5	21 300*	54.9	69.1	22 800*	56.7	69.8	24 100	58.3	70.4	23 500	61.0	71.1	22 500						34.0	
36.0	51.0	66.9	19 600*	52.2	67.6	21 000*	54.0	68.4	22 100*	55.7	69.1	21 800	58.4	69.9	20 900						36.0	
38.0	48.0	65.2	18 000*	49.3	65.9	19 300*	51.2	66.8	20 400*	52.9	67.6	20 300	55.8	68.6	19 400						38.0	
40.0	45.0	63.3	16 700*	46.3	64.1	17 900*	48.2	65.1	18 800*	50.1	66.0	18 900	53.0	67.1	18 000	55.8	67.9	17 200			40.0	
42.0	41.7	61.1	15 400*	43.1	62.0	16 600*	45.2	63.2	17 400*	47.1	64.2	17 600	50.2	65.5	16 800	53.1	66.4	16 000			42.0	
44.0	38.3	58.7	14 400*	39.8	59.7	15 400*	41.9	61.0	16 200*	44.0	62.2	16 500	47.2	63.7	15 700	50.2	64.8	15 000			44.0	
46.0	34.5	56.0	13 400*	36.1	57.1	14 400*	38.5	58.7	15 000*	40.7	60.0	15 500	44.1	61.8	14 700	47.3	63.1	14 000	50.2	63.9	13 300	46.0
48.0	30.3	52.7	12 500*	32.1	54.1	13 400*	34.7	55.9	14 100*	37.1	57.5	14 500	40.8	59.5	13 900	44.2	61.1	13 100	47.2	62.1	12 500	48.0
50.0	25.5	48.9	11 400*	27.6	50.6	12 500*	30.6	52.7	13 100*	33.3	54.6	13 700	37.3	57.0	13 000	40.9	58.9	12 400	44.1	60.2	11 700	50.0
52.0	19.6	44.0	9 600*	22.3	46.2	10 800*	25.8	48.9	12 300*	28.9	51.2	12 800*	33.4	54.2	12 300	37.3	56.4	11 600	40.8	57.9	11 000	52.0
54.0	11.0	36.5	7 200*	15.3	40.2	8 700*	20.1	44.1	10 700*	23.9	47.1	12 000*	29.1	50.8	11 600	33.4	53.5	10 900	37.2	55.4	10 400	54.0
56.0							11.8	36.9	8 300*	17.5	41.7	10 500*	24.1	46.7	10 900	29.1	50.2	10 300	33.3	52.5	9 800	56.0
58.0													17.7	41.4	10 300	24.1	46.1	9 700	29.0	49.2	9 200	58.0
60.0																17.8	40.7	9 200	24.0	45.1	8 700	60.0
62.0																			17.6	39.7	8 200	62.0
64.0																			6.8	30.1	7 700	64.0



Liftcrane Luffing Jib Capacities

**Luffing Jib No. 149A with
Boom No. 57
99 740 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating**

Maximum Operating Wind Speeds (all boom lengths)		
13 m/s with 21.3m thru 33.5m Luffing Jib		
11 m/s with 36.6m thru 42.7m Luffing Jib		
9 m/s with 45.7m thru 51.8m Luffing Jib		
7 m/s with 54.9m thru 67.1m Luffing Jib		
5 m/s with 70.1m and 73.2m Luffing Jib		

**15000
SERIES 3**

**European
Standards**

24.5m (80 Ft.) Boom, 54.9m (180 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
16.8	76.0	80.1	29 500*																			16.8
18.0	74.6	79.7	29 300*																			18.0
20.0	72.4	79.1	28 900*	73.4	79.3	32 900*																20.0
22.0	70.2	78.4	28 600*	71.2	78.7	32 600*																22.0
24.0	68.0	77.7	28 200*	68.9	77.9	32 300*																24.0
26.0	65.7	76.8	27 900*	66.7	77.1	31 900*	68.1	77.5	31 100													26.0
28.0	63.4	75.8	27 600*	64.4	76.2	30 100*	65.8	76.6	29 600	67.3	76.9	28 700										28.0
30.0	61.0	74.7	26 000*	62.0	75.1	27 100*	63.5	75.7	27 300	65.0	76.0	26 600										30.0
32.0	58.6	73.6	23 400*	59.6	74.0	24 600*	61.2	74.6	25 400	62.7	75.0	24 700										32.0
34.0	56.1	72.2	21 300*	57.2	72.8	22 500*	58.7	73.4	23 700	60.3	73.9	23 100										34.0
36.0	53.5	70.8	19 600*	54.6	71.4	20 700*	56.2	72.1	21 900*	57.8	72.7	21 600	60.4	73.5	20 600							36.0
38.0	50.9	69.2	18 000*	52.0	69.9	19 100*	53.7	70.7	20 100*	55.3	71.4	20 100	57.9	72.2	19 100							38.0
40.0	48.1	67.5	16 600*	49.3	68.2	17 700*	51.0	69.1	18 500*	52.7	69.9	18 700	55.4	70.9	17 800							40.0
42.0	45.2	65.6	15 400*	46.5	66.4	16 300*	48.3	67.4	17 200*	50.0	68.3	17 400	52.8	69.4	16 600	55.4	70.2	15 800				42.0
44.0	42.2	63.5	14 300*	43.5	64.3	15 200*	45.4	65.5	15 900*	47.2	66.5	16 300	50.1	67.8	15 500	52.8	68.8	14 700				44.0
46.0	38.9	61.1	13 300*	40.3	62.1	14 100*	42.4	63.4	14 800*	44.3	64.5	15 300	47.3	66.0	14 500	50.2	67.1	13 800				46.0
48.0	35.4	58.4	12 500*	36.9	59.5	13 200*	39.1	61.0	13 800*	41.2	62.3	14 300	44.4	64.1	13 600	47.4	65.4	12 900	50.1	66.2	12 200	48.0
50.0	31.6	55.3	11 600*	33.3	56.7	12 300*	35.7	58.4	12 900*	37.9	59.9	13 500	41.3	61.9	12 800	44.4	63.4	12 100	47.3	64.4	11 400	50.0
52.0	27.3	51.7	10 900*	29.2	53.3	11 500*	31.9	55.3	12 000*	34.3	57.1	12 600*	38.0	59.4	12 000	41.3	61.2	11 400	44.4	62.5	10 800	52.0
54.0	22.2	47.3	9 200*	24.5	49.3	10 400*	27.6	51.8	11 300*	30.3	53.9	11 800*	34.4	56.7	11 300	38.0	58.8	10 700	41.3	60.3	10 100	54.0
56.0	15.7	41.4	7 400*	18.7	44.1	8 600*	22.6	47.4	10 200*	25.8	50.0	11 000*	30.5	53.5	10 700	34.5	56.0	10 100	38.0	57.8	9 500	56.0
58.0							16.1	41.6	8 400*	20.4	45.3	10 200*	26.0	49.7	10 100	30.5	52.8	9 500	34.4	55.0	9 000	58.0
60.0										13.0	38.5	8 100*	20.7	45.0	9 500	26.1	49.0	9 000	30.4	51.8	8 400	60.0
62.0													13.3	38.2	8 800	20.7	44.3	8 500	26.0	48.1	8 000	62.0
64.0																13.4	37.6	7 900	20.6	43.3	7 500	64.0
66.0																			13.2	36.6	7 000	66.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A with
Boom No. 57
99 740 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speeds (all boom lengths)	
13 m/s with 21.3m thru 33.5m Luffing Jib	
11 m/s with 36.6m thru 42.7m Luffing Jib	
9 m/s with 45.7m thru 51.8m Luffing Jib	
7 m/s with 54.9m thru 67.1m Luffing Jib	
5 m/s with 70.1m and 73.2m Luffing Jib	

24.5m (80 Ft.) Boom, 57.9m (190 Ft.) Luffing Jib

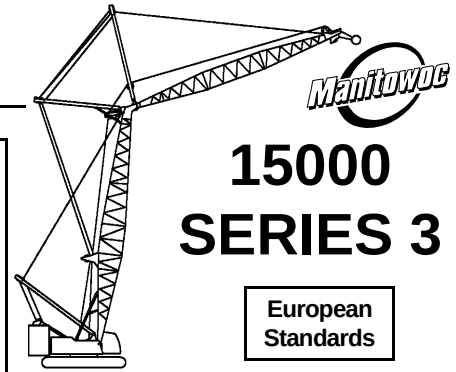
Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib 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	82.8	26 300*																			18.3
20.0	73.4	82.3	26 000*																			20.0
22.0	71.3	81.7	25 600*	72.2	81.9	29 300*																22.0
24.0	69.2	80.9	25 300*	70.1	81.2	28 900*																24.0
26.0	67.1	80.1	25 000*	68.0	80.4	28 600*	69.3	80.8	27 800*													26.0
28.0	64.9	79.2	24 700*	65.8	79.5	28 300*	67.2	79.9	27 600*													28.0
30.0	62.7	78.2	24 400*	63.6	78.6	27 000*	65.0	79.0	26 900	66.4	79.4	26 200										30.0
32.0	60.4	77.1	23 400*	61.4	77.5	24 500*	62.8	78.1	25 000	64.2	78.5	24 400										32.0
34.0	58.1	75.9	21 300*	59.1	76.4	22 400*	60.6	76.9	23 400	62.0	77.4	22 800										34.0
36.0	55.7	74.6	19 600*	56.7	75.1	20 500*	58.2	75.7	21 700	59.7	76.3	21 300										36.0
38.0	53.3	73.1	18 000*	54.3	73.7	18 900*	55.9	74.4	19 900*	57.4	75.1	19 900	59.8	75.8	19 000							38.0
40.0	50.8	71.6	16 600*	51.9	72.2	17 500*	53.4	73.0	18 400*	55.0	73.7	18 600	57.5	74.6	17 700							40.0
42.0	48.1	69.8	15 400*	49.3	70.5	16 200*	50.9	71.4	17 000*	52.5	72.2	17 300	55.1	73.2	16 500							42.0
44.0	45.4	67.9	14 300*	46.6	68.7	15 100*	48.3	69.7	15 800*	50.0	70.6	16 200	52.6	71.7	15 400	55.1	72.5	14 600				44.0
46.0	42.5	65.8	13 300*	43.8	66.7	14 000*	45.6	67.8	14 700*	47.3	68.8	15 100	50.1	70.1	14 400	52.6	71.1	13 700				46.0
48.0	39.5	63.5	12 400*	40.8	64.4	13 100*	42.7	65.7	13 600*	44.6	66.8	14 200	47.4	68.3	13 500	50.1	69.4	12 800				48.0
50.0	36.3	60.9	11 600*	37.7	62.0	12 200*	39.7	63.4	12 700*	41.6	64.7	13 300*	44.7	66.4	12 700	47.4	67.7	12 000	50.0	68.5	11 400	50.0
52.0	32.7	57.9	10 900*	34.3	59.2	11 400*	36.5	60.8	11 900*	38.5	62.3	12 400*	41.7	64.2	11 900	44.7	65.7	11 300	47.4	66.7	10 600	52.0
54.0	28.8	54.5	10 200*	30.5	56.0	10 700*	33.0	57.9	11 100*	35.2	59.5	11 600*	38.7	61.8	11 200	41.8	63.5	10 600	44.6	64.8	10 000	54.0
56.0	24.3	50.4	9 000*	26.3	52.2	9 900*	29.1	54.5	10 400*	31.6	56.5	10 900*	35.3	59.1	10 600	38.7	61.2	10 000	41.7	62.6	9 400	56.0
58.0	18.8	45.3	7 400*	21.3	47.6	8 400*	24.6	50.5	9 700*	27.5	52.9	10 200*	31.7	56.1	10 000	35.4	58.5	9 400	38.6	60.2	8 900	58.0
60.0	10.9	37.5	5 500*	14.8	41.3	6 700*	19.2	45.4	8 300*	22.8	48.5	9 500*	27.7	52.5	9 400	31.8	55.4	8 900	35.3	57.5	8 300	60.0
62.0							11.6	38.0	6 500*	16.8	42.9	8 300*	23.0	48.2	8 900	27.7	51.8	8 400	31.7	54.5	7 900	62.0
64.0										6.8	33.0	6 000*	17.1	42.6	8 400	23.0	47.6	7 900	27.6	50.9	7 400	64.0
66.0																17.2	42.0	7 400	22.9	46.6	7 000	66.0
68.0																			17.0	40.9	6 600	68.0
70.0																			7.2	31.3	6 100	70.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A with
Boom No. 57
99 740 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

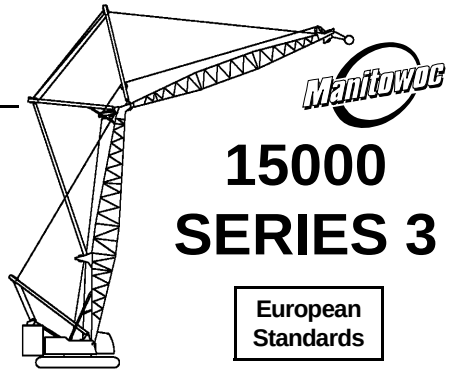
Maximum Operating Wind Speeds
(all boom lengths)

13 m/s with 21.3m thru 33.5m Luffing Jib
11 m/s with 36.6m thru 42.7m Luffing Jib
9 m/s with 45.7m thru 51.8m Luffing Jib
7 m/s with 54.9m thru 67.1m Luffing Jib
5 m/s with 70.1m and 73.2m Luffing Jib



24.5m (80 Ft.) Boom, 61.0m (200 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
18.3	75.9	86.0	23 400*																			18.3
20.0	74.2	85.5	23 100*																			20.0
22.0	72.3	84.9	22 800*	73.1	85.1	26 000*																22.0
24.0	70.3	84.2	22 500*	71.1	84.4	25 700*																24.0
26.0	68.3	83.4	22 200*	69.1	83.7	25 300*	70.4	84.0	24 700*													26.0
28.0	66.2	82.6	21 800*	67.1	82.9	25 000*	68.4	83.2	24 400*													28.0
30.0	64.1	81.6	21 500*	65.0	82.0	24 700*	66.4	82.4	24 200*													30.0
32.0	62.0	80.6	21 300*	62.9	81.0	23 600*	64.3	81.5	23 900*	65.6	81.8	23 900										32.0
34.0	59.9	79.5	20 900*	60.8	79.9	22 300*	62.2	80.4	23 000	63.5	80.9	22 300										34.0
36.0	57.7	78.2	19 900*	58.6	78.7	20 500*	60.0	79.3	21 400	61.4	79.8	20 800										36.0
38.0	55.4	76.9	18 200*	56.4	77.4	18 900*	57.8	78.1	19 900	59.2	78.7	19 500	61.5	79.3	18 600							38.0
40.0	53.1	75.4	16 800*	54.1	76.0	17 400*	55.5	76.8	18 300*	57.0	77.4	18 300	59.3	78.2	17 400							40.0
42.0	50.7	73.8	15 600*	51.7	74.5	16 100*	53.2	75.3	16 900*	54.7	76.0	17 100	57.1	76.9	16 200							42.0
44.0	48.2	72.1	14 400*	49.3	72.8	14 900*	50.8	73.7	15 700*	52.4	74.5	16 000	54.8	75.6	15 200							44.0
46.0	45.6	70.2	13 400*	46.7	71.0	13 900*	48.3	72.0	14 500*	49.9	72.9	15 000	52.4	74.1	14 200	54.8	74.9	13 400				46.0
48.0	42.9	68.1	12 500*	44.1	69.0	12 900*	45.8	70.1	13 500*	47.4	71.1	14 000	50.0	72.4	13 300	52.5	73.4	12 600				48.0
50.0	40.0	65.8	11 700*	41.3	66.8	12 000*	43.1	68.1	12 600*	44.8	69.2	13 100	47.5	70.7	12 500	50.0	71.7	11 800				50.0
52.0	37.0	63.3	10 900*	38.3	64.3	11 200*	40.2	65.8	11 700*	42.0	67.0	12 300*	44.9	68.7	11 700	47.5	70.0	11 000	50.0	70.8	10 400	52.0
54.0	33.7	60.4	10 200*	35.1	61.6	10 500*	37.2	63.2	11 000*	39.1	64.6	11 400*	42.1	66.6	11 000	44.9	68.0	10 400	47.5	69.1	9 800	54.0
56.0	30.1	57.2	9 500*	31.7	58.5	9 800*	33.9	60.4	10 200*	36.0	62.0	10 700*	39.2	64.2	10 400	42.2	65.9	9 800	44.8	67.1	9 200	56.0
58.0	26.1	53.4	8 500*	27.9	55.0	9 200*	30.3	57.2	9 600*	32.6	59.0	10 000*	36.1	61.6	9 800	39.3	63.5	9 200	42.1	65.0	8 600	58.0
60.0	21.3	48.7	7 100*	23.4	50.8	8 100*	26.3	53.4	9 000*	28.9	55.6	9 300*	32.8	58.6	9 200	36.2	60.9	8 600	39.2	62.6	8 100	60.0
62.0	15.2	42.5	5 600*	18.0	45.4	6 600*	21.6	48.8	8 100*	24.7	51.6	8 800*	29.1	55.2	8 700	32.8	58.0	8 100	36.1	60.0	7 600	62.0
64.0	2.0	28.7	3 300*	10.1	37.2	4 900*	15.6	42.8	6 500*	19.6	46.6	8 000*	24.9	51.2	8 200	29.1	54.6	7 700	32.7	57.0	7 200	64.0
66.0										12.7	39.5	6 300*	19.8	46.3	7 700	24.9	50.6	7 200	29.0	53.6	6 700	66.0
68.0													13.1	39.4	7 000	19.9	45.7	6 800	24.8	49.6	6 300	68.0
70.0																13.1	38.7	6 400	19.8	44.6	6 000	70.0
72.0																			12.9	37.7	5 500	72.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A with
Boom No. 57
99 740 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

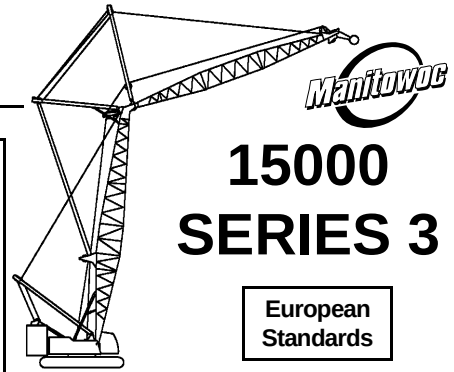
Maximum Operating Wind Speeds (all boom lengths)	
13 m/s with 21.3m thru 33.5m Luffing Jib	
11 m/s with 36.6m thru 42.7m Luffing Jib	
9 m/s with 45.7m thru 51.8m Luffing Jib	
7 m/s with 54.9m thru 67.1m Luffing Jib	
5 m/s with 70.1m and 73.2m Luffing Jib	

**15000
SERIES 3**

European
Standards

24.5m (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	88.7	21 000*																		19.8	
20.0	75.0	88.7	20 900*																		20.0	
22.0	73.1	88.1	20 600*																		22.0	
24.0	71.3	87.4	20 300*	72.1	87.7	23 200*															24.0	
26.0	69.4	86.7	19 900*	70.2	86.9	22 800*															26.0	
28.0	67.4	85.9	19 600*	68.3	86.2	22 500*	69.5	86.5	22 000*												28.0	
30.0	65.5	85.0	19 300*	66.3	85.3	22 200*	67.5	85.7	21 700*												30.0	
32.0	63.5	84.0	19 100*	64.3	84.4	21 900*	65.6	84.8	21 500*	66.8	85.2	23 000*									32.0	
34.0	61.5	83.0	18 800*	62.3	83.4	20 900*	63.6	83.9	21 200*	64.9	84.3	21 900									34.0	
36.0	59.4	81.8	18 500*	60.3	82.3	19 700*	61.6	82.8	20 600*	62.9	83.3	20 400									36.0	
38.0	57.3	80.6	18 000*	58.2	81.1	18 600*	59.5	81.7	19 400*	60.8	82.2	19 200									38.0	
40.0	55.1	79.2	16 600*	56.0	79.7	17 200*	57.4	80.4	18 100*	58.7	81.0	18 000	60.9	81.7	17 100						40.0	
42.0	52.9	77.7	15 400*	53.8	78.3	15 900*	55.2	79.1	16 700*	56.6	79.7	16 900	58.8	80.5	16 000						42.0	
44.0	50.6	76.2	14 200*	51.6	76.8	14 700*	53.0	77.6	15 400*	54.4	78.3	15 800	56.7	79.2	15 000						44.0	
46.0	48.2	74.4	13 200*	49.2	75.1	13 600*	50.7	76.0	14 300*	52.2	76.8	14 800	54.5	77.9	14 000	56.7	78.6	13 200			46.0	
48.0	45.8	72.5	12 300*	46.8	73.3	12 700*	48.4	74.3	13 300*	49.9	75.2	13 800	52.3	76.4	13 100	54.5	77.2	12 400			48.0	
50.0	43.2	70.5	11 500*	44.3	71.3	11 800*	45.9	72.4	12 400*	47.5	73.4	12 900*	50.0	74.7	12 300	52.3	75.7	11 600			50.0	
52.0	40.5	68.2	10 700*	41.7	69.1	11 000*	43.4	70.4	11 500*	45.0	71.5	12 000*	47.6	72.9	11 500	50.0	74.0	10 900	52.2	74.8	10 200	52.0
54.0	37.6	65.7	10 000*	38.9	66.7	10 300*	40.7	68.1	10 700*	42.4	69.3	11 200*	45.1	71.0	10 800	47.6	72.3	10 200	49.9	73.1	9 500	54.0
56.0	34.6	62.9	9 300*	35.9	64.1	9 600*	37.8	65.6	10 000*	39.6	67.0	10 500*	42.5	68.9	10 200	45.1	70.3	9 600	47.5	71.3	9 000	56.0
58.0	31.2	59.8	8 700*	32.7	61.1	8 900*	34.8	62.9	9 400*	36.7	64.4	9 800*	39.7	66.6	9 600	42.5	68.2	9 000	45.0	69.4	8 400	58.0
60.0	27.5	56.2	8 000*	29.2	57.7	8 400*	31.5	59.8	8 800*	33.6	61.6	9 100*	36.8	64.0	9 000	39.8	65.9	8 500	42.4	67.3	7 900	60.0
62.0	23.3	51.9	6 800*	25.2	53.8	7 600*	27.8	56.2	8 200*	30.2	58.3	8 500*	33.7	61.2	8 500	36.9	63.3	8 000	39.7	65.0	7 400	62.0
64.0	18.2	46.5	5 500*	20.5	49.0	6 400*	23.6	52.0	7 700*	26.3	54.5	8 000*	30.3	57.9	8 000	33.7	60.5	7 500	36.8	62.4	7 000	64.0
66.0	10.9	38.6	4 000*	14.4	42.5	5 000*	18.5	46.7	6 300*	21.9	50.0	7 400*	26.5	54.2	7 600	30.3	57.2	7 100	33.7	59.5	6 500	66.0
68.0							11.5	39.0	4 800*	16.3	44.1	6 300*	22.1	49.6	7 100	26.5	53.5	6 600	30.2	56.3	6 200	68.0
70.0										7.2	34.2	4 500*	16.5	43.8	6 700	22.1	49.0	6 200	26.4	52.5	5 800	70.0
72.0																16.6	43.2	5 900	22.0	48.0	5 400	72.0
74.0																			16.4	42.1	5 100	74.0
76.0																			7.6	32.5	4 700	76.0



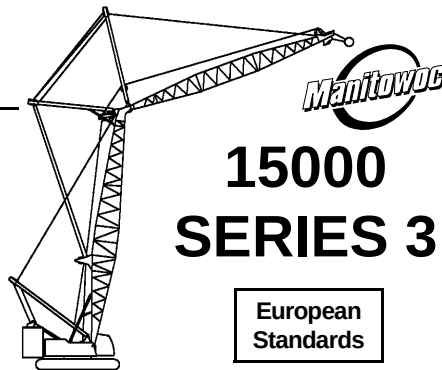
Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A with
Boom No. 57
99 740 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speeds (all boom lengths)		
13 m/s with 21.3m thru 33.5m Luffing Jib		
11 m/s with 36.6m thru 42.7m Luffing Jib		
9 m/s with 45.7m thru 51.8m Luffing Jib		
7 m/s with 54.9m thru 67.1m Luffing Jib		
5 m/s with 70.1m and 73.2m Luffing Jib		

24.5m (80 Ft.) Boom, 67.1m (220 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
19.8	75.9	91.9	19 000*																			19.8
20.0	75.7	91.8	19 000*																			20.0
22.0	73.9	91.3	18 600*																			22.0
24.0	72.1	90.7	18 300*	72.9	90.8	20 900*																24.0
26.0	70.3	89.9	18 000*	71.1	90.2	20 600*																26.0
28.0	68.5	89.2	17 700*	69.3	89.5	20 300*	70.5	89.8	19 800*													28.0
30.0	66.7	88.3	17 400*	67.4	88.7	20 000*	68.6	89.0	19 500*													30.0
32.0	64.8	87.4	17 100*	65.6	87.8	19 600*	66.8	88.2	19 300*	67.9	88.5	20 600*										32.0
34.0	62.9	86.4	16 900*	63.7	86.8	19 200*	64.9	87.3	19 000*	66.1	87.6	20 400*										34.0
36.0	60.9	85.3	16 600*	61.8	85.8	18 100*	63.0	86.3	18 700*	64.2	86.7	19 600*										36.0
38.0	58.9	84.2	16 300*	59.8	84.6	17 000*	61.0	85.2	17 800*	62.3	85.7	18 500*										38.0
40.0	56.9	82.9	15 500*	57.8	83.4	16 000*	59.1	84.0	16 800*	60.3	84.6	17 400*	62.3	85.2	16 600							40.0
42.0	54.8	81.5	14 500*	55.7	82.1	15 000*	57.0	82.8	15 800*	58.3	83.3	16 400*	60.4	84.1	15 600							42.0
44.0	52.7	80.1	13 600*	53.6	80.6	14 100*	55.0	81.4	14 800*	56.3	82.1	15 400*	58.4	82.9	14 700							44.0
46.0	50.5	78.4	12 800*	51.5	79.1	13 200*	52.8	79.9	13 800*	54.2	80.6	14 500*	56.4	81.6	13 700							46.0
48.0	48.3	76.7	11 900*	49.2	77.4	12 400*	50.7	78.3	13 000*	52.1	79.1	13 600*	54.3	80.2	12 900	56.4	80.9	12 100				48.0
50.0	45.9	74.8	11 200*	46.9	75.6	11 500*	48.4	76.6	12 100*	49.8	77.5	12 700*	52.1	78.7	12 000	54.3	79.5	11 300				50.0
52.0	43.5	72.8	10 400*	44.5	73.6	10 800*	46.1	74.7	11 300*	47.6	75.7	11 800*	49.9	77.0	11 300	52.2	78.0	10 600				52.0
54.0	40.9	70.6	9 700*	42.0	71.5	10 000*	43.6	72.7	10 500*	45.2	73.8	11 000*	47.6	75.2	10 600	49.9	76.3	9 900	52.1	77.1	9 300	54.0
56.0	38.2	68.1	9 100*	39.4	69.1	9 300*	41.1	70.5	9 700*	42.7	71.7	10 200*	45.3	73.3	9 900	47.7	74.6	9 300	49.9	75.4	8 700	56.0
58.0	35.3	65.4	8 500*	36.6	66.5	8 700*	38.4	68.0	9 100*	40.1	69.4	9 500*	42.8	71.2	9 400	45.3	72.7	8 800	47.6	73.7	8 100	58.0
60.0	32.2	62.4	7 900*	33.6	63.6	8 100*	35.5	65.3	8 500*	37.3	66.8	8 900*	40.2	68.9	8 800	42.8	70.6	8 200	45.2	71.7	7 700	60.0
62.0	28.8	58.9	7 300*	30.3	60.4	7 600*	32.4	62.3	7 900*	34.4	64.1	8 300*	37.5	66.4	8 300	40.2	68.3	7 700	42.8	69.6	7 200	62.0
64.0	25.0	54.9	6 400*	26.7	56.7	7 100*	29.1	58.9	7 400*	31.2	60.9	7 700*	34.5	63.6	7 800	37.5	65.8	7 300	40.2	67.3	6 700	64.0
66.0	20.5	50.1	5 300*	22.5	52.2	6 000*	25.3	55.0	6 900*	27.7	57.3	7 200*	31.3	60.5	7 300	34.6	63.0	6 800	37.4	64.8	6 300	66.0
68.0	14.8	43.7	4 000*	17.5	46.6	4 800*	20.8	50.2	6 100*	23.7	53.1	6 700*	27.9	57.0	6 900	31.4	59.8	6 400	34.5	62.0	5 900	68.0
70.0	3.8	31.0	2 100*	10.1	38.3	3 400*	15.2	43.9	4 800*	19.0	47.9	6 000*	23.9	52.8	6 500	27.9	56.3	6 000	31.3	58.9	5 500	70.0
72.0										12.5	40.6	4 600*	19.2	47.6	6 100	23.9	52.1	5 600	27.8	55.3	5 200	72.0
74.0													12.8	40.5	5 400	19.2	47.0	5 300	23.8	51.1	4 800	74.0
76.0																12.9	39.8	4 900	19.1	45.9	4 500	76.0
78.0																			12.7	38.8	4 200	78.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A with
Boom No. 57
99 740 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speeds (all boom lengths)	
13 m/s with 21.3m thru 33.5m Luffing Jib	
11 m/s with 36.6m thru 42.7m Luffing Jib	
9 m/s with 45.7m thru 51.8m Luffing Jib	
7 m/s with 54.9m thru 67.1m Luffing Jib	
5 m/s with 70.1m and 73.2m Luffing Jib	

**15000
SERIES 3**

European
Standards

24.5m (80 Ft.) Boom, 70.1m (230 Ft.) Luffing Jib

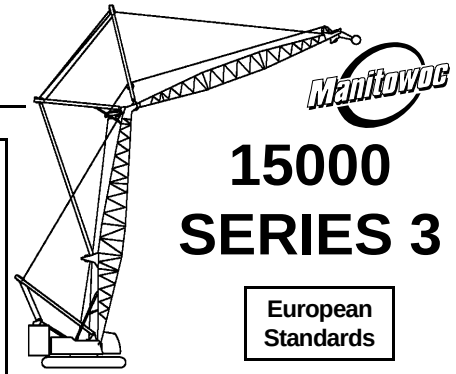
Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
21.3	75.2	94.6	17 500*																			21.3
22.0	74.7	94.4	17 400*																			22.0
24.0	72.9	93.8	17 100*																			24.0
26.0	71.2	93.2	16 800*	72.0	93.4	19 400*																26.0
28.0	69.5	92.5	16 600*	70.2	92.7	19 100*																28.0
30.0	67.7	91.7	16 300*	68.5	91.9	18 800*	69.6	92.3	18 500*													30.0
32.0	65.9	90.8	16 100*	66.7	91.1	18 500*	67.8	91.5	18 200*													32.0
34.0	64.1	89.8	15 800*	64.9	90.2	18 300*	66.1	90.6	18 000*	67.2	90.9	19 400*										34.0
36.0	62.3	88.8	15 600*	63.1	89.2	18 000*	64.3	89.7	17 800*	65.4	90.1	19 300*										36.0
38.0	60.4	87.7	15 400*	61.2	88.1	17 700*	62.4	88.7	17 600*	63.6	89.1	18 400										38.0
40.0	58.5	86.5	15 200*	59.3	87.0	16 700*	60.6	87.6	17 300*	61.7	88.1	17 300										40.0
42.0	56.6	85.2	14 800*	57.4	85.7	15 400*	58.6	86.4	16 200*	59.9	86.9	16 200	61.8	87.6	15 300							42.0
44.0	54.6	83.8	13 800*	55.4	84.4	14 200*	56.7	85.1	14 900*	57.9	85.7	15 200	59.9	86.4	14 400							44.0
46.0	52.6	82.4	12 700*	53.4	82.9	13 100*	54.7	83.7	13 800*	56.0	84.4	14 300	58.0	85.2	13 500							46.0
48.0	50.5	80.7	11 800*	51.4	81.4	12 200*	52.7	82.2	12 800*	54.0	83.0	13 400	56.1	83.9	12 700							48.0
50.0	48.3	79.0	11 000*	49.2	79.7	11 300*	50.6	80.6	11 900*	51.9	81.4	12 500*	54.1	82.5	11 900	56.1	83.2	11 200				50.0
52.0	46.1	77.1	10 200*	47.0	77.9	10 500*	48.4	78.9	11 000*	49.8	79.8	11 600*	52.0	81.0	11 100	54.1	81.8	10 500				52.0
54.0	43.7	75.1	9 500*	44.7	75.9	9 800*	46.2	77.0	10 300*	47.6	78.0	10 800*	49.9	79.3	10 400	52.0	80.3	9 800				54.0
56.0	41.3	72.9	8 900*	42.3	73.8	9 100*	43.9	75.0	9 600*	45.4	76.1	10 000*	47.7	77.6	9 800	49.9	78.6	9 200				56.0
58.0	38.7	70.5	8 300*	39.8	71.5	8 500*	41.4	72.8	8 900*	43.0	74.0	9 300*	45.4	75.6	9 200	47.7	76.9	8 600	49.9	77.7	8 000	58.0
60.0	36.0	67.8	7 700*	37.2	68.9	8 000*	38.9	70.4	8 300*	40.5	71.7	8 700*	43.1	73.6	8 600	45.5	75.0	8 100	47.7	75.9	7 500	60.0
62.0	33.1	64.9	7 200*	34.4	66.1	7 400*	36.2	67.8	7 700*	37.9	69.3	8 100*	40.6	71.3	8 100	43.1	72.9	7 600	45.4	74.0	7 000	62.0
64.0	30.0	61.6	6 700*	31.3	63.0	6 900*	33.3	64.9	7 200*	35.2	66.5	7 500*	38.0	68.8	7 700	40.6	70.6	7 100	43.0	72.0	6 600	64.0
66.0	26.5	57.8	6 000*	28.0	59.4	6 400*	30.2	61.6	6 700*	32.2	63.5	7 000*	35.3	66.1	7 200	38.0	68.2	6 700	40.6	69.7	6 200	66.0
68.0	22.5	53.4	5 000*	24.2	55.3	5 800*	26.7	57.8	6 300*	28.9	60.1	6 500*	32.3	63.1	6 800	35.3	65.4	6 300	38.0	67.2	5 800	68.0
70.0	17.6	47.8	3 900*	19.8	50.3	4 600*	22.7	53.4	5 700*	25.3	56.1	6 100*	29.1	59.7	6 400	32.3	62.4	5 900	35.2	64.5	5 400	70.0
72.0				14.1	43.6	3 400*	18.0	48.0	4 600*	21.1	51.4	5 600*	25.4	55.7	6 000	29.1	59.0	5 500	32.2	61.5	5 100	72.0
74.0							11.4	40.1	3 300*	15.8	45.3	4 600*	21.3	51.0	5 600	25.5	55.1	5 200	29.0	58.0	4 700	74.0
76.0										7.6	35.3	3 000*	16.1	45.0	5 200	21.3	50.4	4 800	25.4	54.1	4 400	76.0
78.0																16.1	44.4	4 500	21.2	49.4	4 100	78.0
80.0																			16.0	43.3	3 800	80.0
82.0																			7.9	33.6	3 500	82.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A with
Boom No. 57
99 740 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speeds
(all boom lengths)

13 m/s with 21.3m thru 33.5m Luffing Jib
11 m/s with 36.6m thru 42.7m Luffing Jib
9 m/s with 45.7m thru 51.8m Luffing Jib
7 m/s with 54.9m thru 67.1m Luffing Jib
5 m/s with 70.1m and 73.2m Luffing Jib

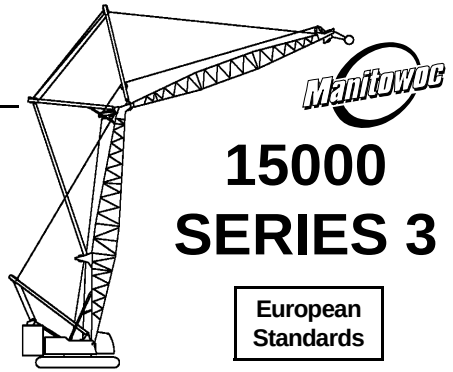


**15000
SERIES 3**

European
Standards

24.5m (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			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib 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	97.8	15 900*																21.3
22.0	75.3	97.6	15 800*																22.0
24.0	73.7	97.0	15 500*																24.0
26.0	72.0	96.4	15 200*	72.7	96.6	17 500*													26.0
28.0	70.4	95.7	15 000*	71.1	95.9	17 200*													28.0
30.0	68.7	94.9	14 700*	69.4	95.2	17 000*													30.0
32.0	67.0	94.1	14 500*	67.7	94.4	16 700*	68.8	94.8	16 500*										32.0
34.0	65.3	93.2	14 300*	66.0	93.6	16 400*	67.1	93.9	16 200*										34.0
36.0	63.6	92.3	14 100*	64.3	92.6	16 200*	65.4	93.1	16 000*	66.5	93.4	17 300*							36.0
38.0	61.8	91.2	13 800*	62.5	91.6	16 000*	63.7	92.1	15 800*	64.8	92.5	17 200*							38.0
40.0	60.0	90.1	13 700*	60.8	90.5	15 700*	61.9	91.1	15 600*	63.0	91.5	16 900							40.0
42.0	58.2	88.9	13 400*	58.9	89.3	15 200*	60.1	89.9	15 400*	61.2	90.4	15 800							42.0
44.0	56.3	87.6	13 300*	57.1	88.1	13 900*	58.3	88.7	14 700*	59.4	89.3	14 900	61.3	89.9	14 000				44.0
46.0	54.4	86.2	12 500*	55.2	86.7	12 900*	56.4	87.4	13 500*	57.6	88.0	14 000	59.5	88.8	13 200				46.0
48.0	52.4	84.7	11 500*	53.3	85.2	11 900*	54.5	86.0	12 500*	55.7	86.7	13 100	57.7	87.6	12 400				48.0
50.0	50.4	83.1	10 700*	51.3	83.7	11 000*	52.5	84.5	11 600*	53.8	85.3	12 200*	55.8	86.2	11 600				50.0
52.0	48.3	81.3	10 000*	49.2	82.0	10 300*	50.5	82.9	10 800*	51.8	83.7	11 300*	53.8	84.8	10 900	55.8	85.5	10 200	52.0
54.0	46.2	79.4	9 200*	47.1	80.2	9 500*	48.5	81.2	10 000*	49.8	82.1	10 500*	51.9	83.3	10 200	53.9	84.1	9 500	54.0
56.0	44.0	77.4	8 600*	44.9	78.2	8 900*	46.3	79.3	9 300*	47.7	80.3	9 700*	49.8	81.6	9 600	51.9	82.6	8 900	56.0
58.0	41.6	75.2	8 000*	42.6	76.1	8 200*	44.1	77.3	8 600*	45.5	78.4	9 000*	47.8	79.8	9 000	49.9	80.9	8 400	58.0
60.0	39.2	72.9	7 400*	40.3	73.8	7 600*	41.8	75.2	8 000*	43.3	76.3	8 400*	45.6	77.9	8 400	47.8	79.2	7 800	60.0
62.0	36.6	70.3	6 900*	37.7	71.3	7 100*	39.4	72.8	7 500*	40.9	74.1	7 800*	43.3	75.9	7 900	45.6	77.3	7 300	62.0
64.0	33.9	67.4	6 400*	35.1	68.6	6 600*	36.8	70.2	6 900*	38.4	71.7	7 300*	41.0	73.7	7 400	43.4	75.2	6 900	64.0
66.0	31.0	64.2	6 000*	32.2	65.6	6 200*	34.1	67.4	6 500*	35.8	69.0	6 800*	38.5	71.2	7 000	41.0	73.0	6 400	66.0
68.0	27.7	60.6	5 500*	29.1	62.2	5 700*	31.1	64.2	6 000*	33.0	66.0	6 300*	35.9	68.6	6 600	38.6	70.6	6 000	68.0
70.0	24.1	56.5	4 600*	25.7	58.2	5 300*	27.9	60.6	5 600*	30.0	62.7	5 800*	33.1	65.6	6 100	35.9	67.9	5 600	70.0
72.0	19.9	51.4	3 600*	21.8	53.6	4 300*	24.3	56.5	5 200*	26.7	59.0	5 400*	30.1	62.3	5 800	33.2	64.9	5 300	72.0
74.0	14.5	44.8	2 600*	17.0	47.8	3 300*	20.2	51.5	4 400*	22.9	54.6	5 000*	26.8	58.6	5 400	30.2	61.7	4 900	74.0
76.0				10.1	39.3	2 100*	14.9	45.1	3 300*	18.4	49.2	4 400*	23.0	54.2	5 000*	26.8	57.9	4 600	76.0
78.0										12.3	41.7	3 200*	18.6	48.9	4 600*	23.1	53.6	4 300	78.0
80.0													12.6	41.6	4 000*	18.6	48.2	4 000	80.0
82.0																12.7	41.0	3 700	82.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A with
Boom No. 57
99 740 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

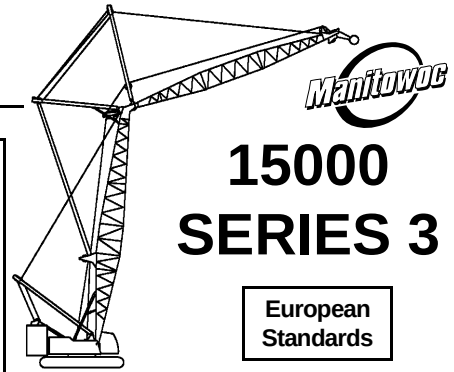
Maximum Operating Wind Speeds (all boom lengths)		
13 m/s with 21.3m thru 33.5m Luffing Jib		
11 m/s with 36.6m thru 42.7m Luffing Jib		
9 m/s with 45.7m thru 51.8m Luffing Jib		
7 m/s with 54.9m thru 67.1m Luffing Jib		
5 m/s with 70.1m and 73.2m Luffing Jib		

27.5m (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	70 500*b																			11.6
12.0	66.6	49.4	68 600*b																			12.0
14.0	60.6	48.3	60 400*b	63.5	48.8	63 800*b																14.0
16.0	54.1	47.0	53 500*	57.2	47.6	56 600*b	61.8	48.3	61 300*b													16.0
18.0	47.0	45.3	46 900*	50.5	46.1	50 900*	55.4	47.0	54 500*	59.9	47.7	53 800b										18.0
20.0	39.0	43.1	42 200*	43.0	44.1	46 100*	48.5	45.4	49 100*	53.4	46.3	48 200	61.0	47.3	46 400b							20.0
22.0	29.1	40.0	38 300*	34.2	41.5	42 100*	40.7	43.3	44 400	46.3	44.6	43 500	54.5	46.0	41 800							22.0
24.0	13.6	34.6	28 700*	22.4	37.6	35 800*	31.3	40.4	39 700	38.1	42.3	38 800	47.5	44.3	37 400							24.0
26.0										28.0	39.1	35 100	39.6	42.2	33 800	48.5	43.8	32 500				26.0
28.0													29.9	39.2	30 700	40.7	41.7	29 500	49.2	43.0	28 400	28.0
30.0													15.2	34.1	28 100	31.3	38.8	27 000	41.5	41.0	26 000	30.0
32.0																17.9	34.3	24 800	32.4	38.2	23 900	32.0
34.0																			19.6	33.9	22 000	34.0

27.5m (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	68 600*b																			11.6
12.0	69.7	52.7	66 700*b																			12.0
14.0	64.6	51.8	59 000*b	67.0	52.2	62 300*b																14.0
16.0	59.2	50.7	52 700*	61.8	51.2	55 500*b	65.6	51.7	60 000*b													16.0
18.0	53.5	49.3	46 700*	56.3	49.9	49 800*	60.2	50.7	53 500*	64.0	51.2	52 700										18.0
20.0	47.3	47.6	41 500*	50.3	48.4	45 200*	54.6	49.3	48 200*	58.6	50.1	47 300										20.0
22.0	40.4	45.4	37 700*	43.8	46.5	41 300*	48.5	47.7	43 800	52.9	48.7	42 900	59.6	49.7	41 200							22.0
24.0	32.3	42.6	35 000*	36.3	44.0	38 000*	41.8	45.7	39 600	46.6	46.9	38 700	53.9	48.3	37 200							24.0
26.0	21.5	38.5	29 800*	27.2	40.7	33 500*	34.0	43.0	35 800	39.7	44.7	34 900	47.7	46.6	33 600	54.7	47.7	32 200				26.0
28.0							24.0	39.2	32 000	31.4	41.8	31 800	40.9	44.5	30 500	48.6	46.1	29 300				28.0
30.0										20.2	37.5	29 000	32.9	41.8	28 000	41.8	44.1	26 800	49.2	45.3	25 800	30.0
32.0																34.0	41.4	24 700	42.5	43.3	23 600	32.0
34.0																24.1	37.7	22 700	34.9	40.7	21 800	34.0
36.0																			25.2	37.1	20 200	36.0
38.0																			7.4	29.9	18 700	38.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A with
Boom No. 57
99 740 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speeds (all boom lengths)		
13 m/s with 21.3m thru 33.5m Luffing Jib		
11 m/s with 36.6m thru 42.7m Luffing Jib		
9 m/s with 45.7m thru 51.8m Luffing Jib		
7 m/s with 54.9m thru 67.1m Luffing Jib		
5 m/s with 70.1m and 73.2m Luffing Jib		

**15000
SERIES 3**

European
Standards

27.5m (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	66 800*b																			11.6
12.0	72.0	55.9	65 100*b																			12.0
14.0	67.6	55.1	57 700*b	69.7	55.5	61 000*b																14.0
16.0	62.9	54.2	51 800*	65.2	54.6	54 400*b	68.4	55.1	58 700*b													16.0
18.0	58.1	53.0	46 700*	60.4	53.5	49 000*	63.8	54.1	52 600*													18.0
20.0	53.0	51.6	41 500*	55.5	52.2	44 500*	59.1	53.0	47 500*	62.5	53.6	46 500										20.0
22.0	47.5	49.9	37 400*	50.2	50.7	40 700*	54.0	51.7	43 200*	57.6	52.4	42 200										22.0
24.0	41.4	47.8	34 200*	44.4	48.8	37 400*	48.6	50.0	39 400	52.5	51.0	38 500	58.4	52.0	36 900							24.0
26.0	34.5	45.2	31 800*	37.9	46.4	34 600*	42.6	48.0	35 700	46.9	49.2	34 800	53.3	50.6	33 400							26.0
28.0	26.0	41.6	28 600*	30.3	43.4	31 400*	35.9	45.5	32 400	40.8	47.1	31 700	47.9	48.9	30 400	54.0	50.1	29 200				28.0
30.0	12.9	35.7	21 600*	20.2	39.0	26 100*	27.8	42.2	29 700	33.8	44.4	29 000	41.9	46.9	27 800	48.6	48.4	26 700				30.0
32.0							16.3	37.0	25 200	25.0	40.7	26 700	35.0	44.3	25 600	42.7	46.4	24 500	49.2	47.6	23 500	32.0
34.0													26.6	40.8	23 600	36.0	43.9	22 700	43.3	45.6	21 700	34.0
36.0													14.1	35.2	21 900	27.9	40.6	21 000	36.7	43.2	20 100	36.0
38.0																16.4	35.5	19 500	28.8	40.0	18 700	38.0
40.0																			17.8	35.1	17 400	40.0

27.5m (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	64 700*b																			11.6
12.0	73.9	59.1	63 100*b																			12.0
14.0	69.9	58.4	56 300*b	71.8	58.7	59 400*b																14.0
16.0	65.8	57.6	50 600*	67.8	57.9	53 200*																16.0
18.0	61.6	56.6	45 800*	63.7	57.0	48 000*	66.6	57.5	51 500*													18.0
20.0	57.2	55.3	41 500*	59.4	55.9	43 700*	62.5	56.5	46 600*	65.4	57.0	45 700										20.0
22.0	52.6	53.9	37 200*	54.8	54.6	39 900*	58.1	55.4	42 400	61.2	56.0	41 400										22.0
24.0	47.6	52.2	33 800*	50.0	53.0	36 700*	53.5	54.0	38 800	56.8	54.7	37 800										24.0
26.0	42.2	50.1	31 200*	44.9	51.1	34 000*	48.6	52.3	35 400	52.1	53.3	34 600	57.5	54.4	33 200							26.0
28.0	36.2	47.6	29 100*	39.2	48.8	31 500*	43.3	50.3	32 300	47.1	51.5	31 500	52.9	52.9	30 200							28.0
30.0	29.1	44.4	26 600*	32.7	46.0	28 600*	37.4	47.9	29 500	41.7	49.4	28 800	48.0	51.2	27 600	53.5	52.4	26 400				30.0
32.0	19.7	39.8	22 400*	24.6	42.2	24 900*	30.6	44.8	27 200	35.6	46.8	26 500	42.6	49.2	25 400	48.7	50.7	24 300				32.0
34.0							21.8	40.7	24 400*	28.3	43.5	24 500	36.6	46.7	23 500	43.4	48.7	22 400	49.2	49.9	21 400	34.0
36.0										18.5	38.7	22 700	29.6	43.6	21 700	37.5	46.3	20 800	43.9	48.0	19 800	36.0
38.0													20.5	39.2	20 200	30.6	43.3	19 300	38.1	45.6	18 400	38.0
40.0																21.9	39.1	18 000	31.4	42.6	17 200	40.0
42.0																			22.9	38.6	16 000	42.0
44.0																			8.1	31.0	14 900	44.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A with
Boom No. 57
99 740 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speeds (all boom lengths)	
13 m/s with 21.3m thru 33.5m Luffing Jib	
11 m/s with 36.6m thru 42.7m Luffing Jib	
9 m/s with 45.7m thru 51.8m Luffing Jib	
7 m/s with 54.9m thru 67.1m Luffing Jib	
5 m/s with 70.1m and 73.2m Luffing Jib	

27.5m (90 Ft.) Boom, 33.5m (110 Ft.) Luffing Jib

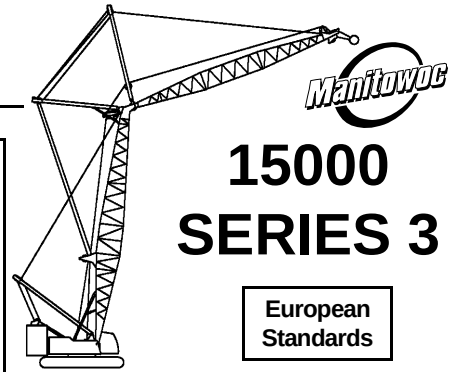
Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib 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	60 500*																			12.2
14.0	71.8	61.7	54 900*																			14.0
16.0	68.2	60.9	49 400*	69.9	61.2	52 000*																16.0
18.0	64.4	60.0	44 900*	66.2	60.4	47 000*																18.0
20.0	60.5	58.9	41 000*	62.4	59.4	42 900*	65.2	60.0	45 700*													20.0
22.0	56.5	57.7	37 200*	58.5	58.2	39 300*	61.3	58.9	41 700*	64.0	59.4	40 900										22.0
24.0	52.3	56.2	33 600*	54.3	56.9	36 100*	57.3	57.7	38 300	60.2	58.3	37 300										24.0
26.0	47.8	54.5	30 900*	50.0	55.3	33 400*	53.1	56.3	35 200	56.1	57.0	34 300	60.8	57.9	32 800							26.0
28.0	42.9	52.5	28 700*	45.3	53.4	31 100*	48.7	54.6	32 300	51.8	55.6	31 400	56.8	56.7	30 100							28.0
30.0	37.5	50.0	26 900*	40.2	51.2	28 600*	43.9	52.6	29 500	47.3	53.8	28 800	52.6	55.2	27 600							30.0
32.0	31.4	47.1	24 800*	34.4	48.5	26 100*	38.6	50.3	27 200	42.4	51.8	26 500	48.1	53.5	25 400	53.1	54.7	24 200				32.0
34.0	23.8	43.1	21 500*	27.7	45.1	23 600*	32.6	47.4	25 100	37.0	49.3	24 400	43.2	51.5	23 400	48.7	53.0	22 400				34.0
36.0	12.4	36.7	16 900*	18.8	40.3	20 000*	25.4	43.7	22 900	30.7	46.2	22 700	37.9	49.2	21 700	43.9	51.1	20 800	49.1	52.2	19 800	36.0
38.0							15.3	38.2	19 500*	23.0	42.2	21 100	31.8	46.2	20 200	38.7	48.7	19 300	44.4	50.3	18 400	38.0
40.0													24.4	42.4	18 800	32.7	45.9	18 000	39.2	48.0	17 100	40.0
42.0													13.5	36.3	17 600	25.5	42.2	16 800	33.3	45.2	16 000	42.0
44.0																15.4	36.6	15 700	26.3	41.6	15 000	44.0
46.0																			16.7	36.3	14 100	46.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A with
Boom No. 57
99 740 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

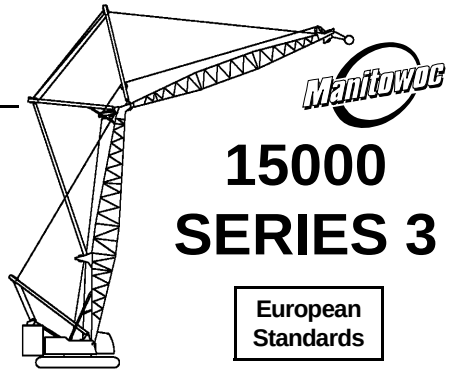
Maximum Operating Wind Speeds
(all boom lengths)

13 m/s with 21.3m thru 33.5m Luffing Jib
11 m/s with 36.6m thru 42.7m Luffing Jib
9 m/s with 45.7m thru 51.8m Luffing Jib
7 m/s with 54.9m thru 67.1m Luffing Jib
5 m/s with 70.1m and 73.2m Luffing Jib



27.5m (90 Ft.) Boom, 36.6m (120 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
13.7	73.9	65.0	54 000*																			13.7
14.0	73.4	64.9	53 300*																			14.0
16.0	70.1	64.2	48 200*	71.7	64.5	50 600*																16.0
18.0	66.7	63.4	43 800*	68.3	63.7	45 900*																18.0
20.0	63.2	62.4	40 100*	64.9	62.8	41 900*	67.4	63.3	44 700*													20.0
22.0	59.6	61.3	36 900*	61.4	61.8	38 500*	63.9	62.4	40 900*	66.4	62.8	40 100										22.0
24.0	55.9	60.0	33 900*	57.7	60.6	35 500*	60.3	61.3	37 600*	62.9	61.8	36 600										24.0
26.0	52.0	58.5	30 900*	53.9	59.2	32 800*	56.6	60.0	34 600	59.3	60.7	33 700										26.0
28.0	47.9	56.8	28 500*	49.9	57.6	30 500*	52.8	58.6	31 900	55.5	59.4	31 100	59.9	60.3	29 700							28.0
30.0	43.4	54.8	26 600*	45.6	55.7	28 400*	48.7	56.9	29 300	51.6	57.9	28 600	56.2	59.0	27 300							30.0
32.0	38.6	52.5	24 800*	41.0	53.5	26 000*	44.3	55.0	26 900	47.4	56.1	26 300	52.3	57.5	25 100	56.7	58.4	23 900				32.0
34.0	33.2	49.6	22 500*	35.9	51.0	23 900*	39.6	52.7	24 900	43.0	54.1	24 300	48.1	55.8	23 200	52.8	57.0	22 100				34.0
36.0	26.8	46.1	20 300*	30.0	47.8	21 900*	34.3	50.0	23 100	38.1	51.7	22 500	43.7	53.9	21 500	48.7	55.3	20 500				36.0
38.0	18.4	41.1	17 400*	22.8	43.7	19 200*	28.1	46.6	21 500	32.6	48.8	20 900	38.9	51.5	20 000	44.4	53.4	19 000	49.1	54.5	18 100	38.0
40.0							20.3	42.0	18 800*	26.1	45.2	19 500	33.6	48.8	18 600	39.6	51.1	17 700	44.8	52.6	16 900	40.0
42.0										17.4	40.0	18 000	27.3	45.3	17 400	34.3	48.4	16 600	40.1	50.4	15 800	42.0
44.0													19.1	40.5	16 300	28.2	45.0	15 500	34.9	47.7	14 700	44.0
46.0																20.4	40.5	14 600	28.8	44.4	13 800	46.0
48.0																			21.2	40.0	13 000	48.0
50.0																			8.5	32.1	12 100	50.0



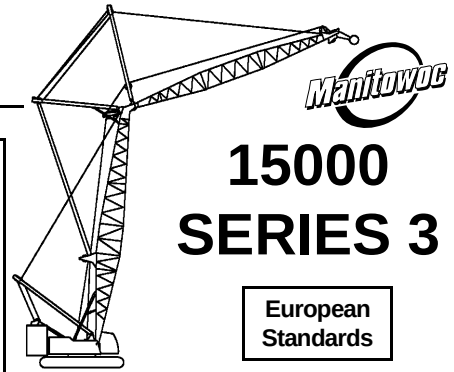
Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A with
Boom No. 57
99 740 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speeds (all boom lengths)	
13 m/s with 21.3m thru 33.5m Luffing Jib	
11 m/s with 36.6m thru 42.7m Luffing Jib	
9 m/s with 45.7m thru 51.8m Luffing Jib	
7 m/s with 54.9m thru 67.1m Luffing Jib	
5 m/s with 70.1m and 73.2m Luffing Jib	

27.5m (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	50 300*																			13.7
14.0	74.7	68.1	50 000*																			14.0
16.0	71.7	67.4	47 300*																			16.0
18.0	68.6	66.7	42 900*	70.1	67.0	44 900*																18.0
20.0	65.4	65.8	39 400*	67.0	66.2	41 100*	69.2	66.6	43 800*													20.0
22.0	62.2	64.8	36 200*	63.8	65.2	37 800*	66.1	65.7	40 200*													22.0
24.0	58.9	63.7	33 500*	60.5	64.2	34 900*	62.8	64.8	37 000	65.1	65.2	36 000										24.0
26.0	55.4	62.3	30 900*	57.1	62.9	32 400*	59.5	63.6	34 000	61.9	64.2	33 100										26.0
28.0	51.8	60.8	28 500*	53.5	61.5	30 100*	56.1	62.3	31 500	58.5	63.0	30 600										28.0
30.0	48.0	59.1	26 400*	49.8	59.9	28 100*	52.5	60.9	29 100	55.0	61.7	28 300	59.1	62.7	27 000							30.0
32.0	43.9	57.1	24 800*	45.9	58.0	25 800*	48.7	59.2	26 800	51.4	60.2	26 100	55.6	61.3	24 900							32.0
34.0	39.5	54.8	22 500*	41.6	55.9	23 700*	44.7	57.3	24 800	47.6	58.4	24 100	52.0	59.8	23 000	56.1	60.8	21 900				34.0
36.0	34.6	52.1	20 500*	37.0	53.4	21 800*	40.4	55.1	23 000	43.5	56.4	22 300	48.2	58.2	21 300	52.5	59.3	20 300				36.0
38.0	29.0	48.8	18 800*	31.8	50.4	20 200*	35.6	52.4	21 300	39.0	54.1	20 800	44.2	56.2	19 800	48.7	57.6	18 800				38.0
40.0	22.2	44.6	16 700*	25.7	46.7	18 200*	30.2	49.3	19 800*	34.1	51.3	19 400	39.8	53.9	18 500	44.7	55.7	17 600	49.1	56.8	16 700	40.0
42.0	12.1	37.8	13 300*	17.7	41.5	15 600*	23.7	45.2	18 000*	28.5	48.0	18 100	35.0	51.2	17 300	40.4	53.5	16 400	45.1	54.9	15 600	42.0
44.0							14.6	39.3	15 300*	21.4	43.6	17 000	29.5	48.0	16 200	35.7	50.9	15 400	40.8	52.7	14 600	44.0
46.0													22.7	43.8	15 200	30.3	47.7	14 400	36.1	50.2	13 700	46.0
48.0													13.0	37.4	14 200	23.8	43.7	13 500	30.8	47.1	12 800	48.0
50.0																14.7	37.8	12 700	24.5	43.2	12 100	50.0
52.0																			15.8	37.5	11 300	52.0



Liftcrane Luffing Jib Capacities

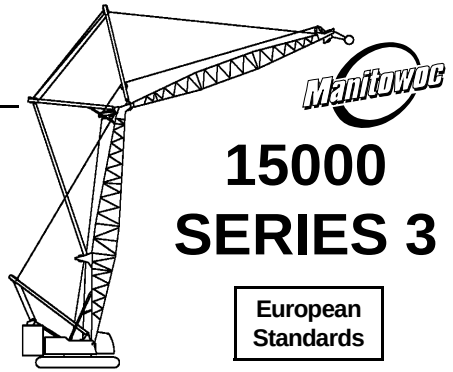
Luffing Jib No. 149A with
Boom No. 57
99 740 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speeds
(all boom lengths)

13 m/s with 21.3m thru 33.5m Luffing Jib
11 m/s with 36.6m thru 42.7m Luffing Jib
9 m/s with 45.7m thru 51.8m Luffing Jib
7 m/s with 54.9m thru 67.1m Luffing Jib
5 m/s with 70.1m and 73.2m Luffing Jib

27.5m (90 Ft.) Boom, 42.7m (140 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
15.2	74.1	70.9	44 500*																			15.2
16.0	73.0	70.6	44 300*																			16.0
18.0	70.2	69.9	42 000*	71.6	70.2	43 700*																18.0
20.0	67.3	69.2	38 400*	68.7	69.5	40 100*																20.0
22.0	64.3	68.2	35 400*	65.8	68.6	37 000*	67.9	69.1	39 300*													22.0
24.0	61.3	67.2	32 800*	62.8	67.6	34 200*	64.9	68.2	36 200*													24.0
26.0	58.2	66.0	30 500*	59.7	66.5	31 700*	61.9	67.2	33 400	64.1	67.6	32 500										26.0
28.0	54.9	64.6	28 400*	56.5	65.2	29 500*	58.8	66.0	30 900	61.0	66.6	30 000										28.0
30.0	51.6	63.1	26 400*	53.2	63.8	27 500*	55.6	64.7	28 700	57.9	65.4	27 900										30.0
32.0	48.0	61.4	24 500*	49.7	62.2	25 500*	52.2	63.2	26 600	54.6	64.0	25 900	58.4	65.0	24 600							32.0
34.0	44.3	59.4	22 500*	46.1	60.3	23 400*	48.7	61.5	24 600	51.2	62.5	23 900	55.2	63.7	22 700							34.0
36.0	40.2	57.2	20 500*	42.2	58.2	21 600*	45.0	59.6	22 700	47.7	60.7	22 100	51.8	62.2	21 000	55.6	63.1	20 000				36.0
38.0	35.8	54.6	18 800*	38.0	55.8	20 000*	41.0	57.4	21 100	43.9	58.7	20 600	48.3	60.5	19 600	52.3	61.6	18 600				38.0
40.0	30.9	51.5	17 300*	33.3	53.0	18 500*	36.7	54.9	19 500*	39.8	56.5	19 200	44.5	58.5	18 200	48.8	59.9	17 300				40.0
42.0	25.0	47.6	15 800*	28.0	49.5	17 100*	31.9	51.9	18 200*	35.4	53.8	17 900	40.5	56.3	17 000	45.0	58.0	16 200	49.1	59.1	15 300	42.0
44.0	17.4	42.3	13 600*	21.4	45.1	15 000*	26.3	48.2	16 900*	30.3	50.7	16 800	36.1	53.7	16 000	41.1	55.8	15 100	45.4	57.2	14 300	44.0
46.0							19.1	43.3	14 800*	24.4	46.7	15 800	31.2	50.7	15 000	36.8	53.3	14 200	41.5	55.1	13 400	46.0
48.0										16.5	41.2	14 400	25.5	46.8	14 000	31.9	50.3	13 300	37.2	52.6	12 600	48.0
50.0													18.0	41.7	13 200	26.3	46.7	12 500	32.4	49.7	11 800	50.0
52.0																19.2	41.7	11 800	26.9	46.1	11 100	52.0
54.0																			20.0	41.3	10 400	54.0
56.0																			8.8	33.2	9 800	56.0



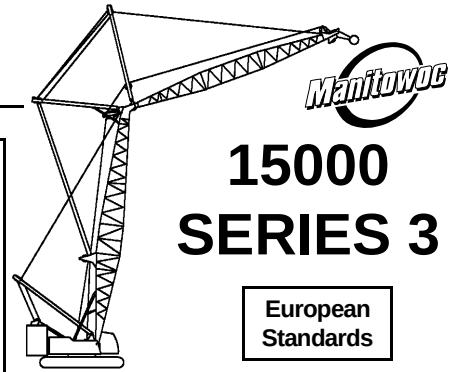
Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A with
Boom No. 57
99 740 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speeds (all boom lengths)	
13 m/s with 21.3m thru 33.5m Luffing Jib	
11 m/s with 36.6m thru 42.7m Luffing Jib	
9 m/s with 45.7m thru 51.8m Luffing Jib	
7 m/s with 54.9m thru 67.1m Luffing Jib	
5 m/s with 70.1m and 73.2m Luffing Jib	

27.5m (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	39 700*																			15.2
16.0	74.2	73.8	39 600*																			16.0
18.0	71.6	73.2	39 300*																			18.0
20.0	68.9	72.4	37 600*	70.2	72.7	39 200*																20.0
22.0	66.2	71.6	34 700*	67.5	71.9	36 100*	69.4	72.3	38 400*													22.0
24.0	63.4	70.6	32 200*	64.7	71.0	33 500*	66.7	71.5	35 500*													24.0
26.0	60.5	69.6	29 900*	61.9	70.0	31 100*	63.9	70.6	32 900	65.9	71.0	32 100										26.0
28.0	57.6	68.3	27 900*	59.0	68.9	29 000*	61.1	69.5	30 500	63.1	70.0	29 600										28.0
30.0	54.6	67.0	26 100*	56.0	67.6	27 100*	58.2	68.3	28 300	60.3	68.9	27 500										30.0
32.0	51.4	65.4	24 400*	52.9	66.1	25 400*	55.2	67.0	26 400	57.3	67.7	25 600	60.7	68.6	24 400							32.0
34.0	48.1	63.7	22 400*	49.7	64.5	23 300*	52.0	65.5	24 500	54.3	66.3	23 800	57.8	67.3	22 700							34.0
36.0	44.6	61.8	20 500*	46.3	62.6	21 500*	48.7	63.8	22 700	51.1	64.8	22 100	54.8	66.0	21 000							36.0
38.0	40.9	59.6	18 800*	42.7	60.6	19 800*	45.3	61.9	21 000	47.8	63.0	20 500	51.6	64.5	19 500	55.2	65.4	18 500				38.0
40.0	36.8	57.0	17 300*	38.8	58.2	18 400*	41.6	59.8	19 400*	44.2	61.1	19 100	48.3	62.7	18 200	52.1	63.9	17 200				40.0
42.0	32.4	54.1	16 000*	34.6	55.5	17 100*	37.6	57.3	18 000*	40.5	58.8	17 800	44.8	60.8	17 000	48.8	62.2	16 100				42.0
44.0	27.2	50.5	14 900*	29.8	52.2	16 000*	33.3	54.4	16 800*	36.4	56.3	16 700	41.1	58.6	15 900	45.3	60.3	15 100	49.1	61.4	14 200	44.0
46.0	21.0	45.9	13 200*	24.2	48.2	14 300*	28.3	51.0	15 700*	31.9	53.3	15 700	37.1	56.1	14 900	41.6	58.2	14 100	45.7	59.5	13 300	46.0
48.0	11.8	38.9	10 600*	16.8	42.7	12 400*	22.3	46.7	14 300*	26.7	49.6	14 800	32.7	53.2	14 000	37.7	55.7	13 200	42.0	57.4	12 500	48.0
50.0							14.1	40.4	12 200*	20.3	44.9	13 900	27.6	49.7	13 200	33.3	52.9	12 400	38.1	55.0	11 800	50.0
52.0													21.5	45.2	12 400	28.3	49.4	11 700	33.8	52.2	11 000	52.0
54.0													12.7	38.5	11 700	22.4	45.1	11 000	28.9	48.8	10 400	54.0
56.0																14.2	38.9	10 400	23.0	44.6	9 800	56.0
58.0																			15.2	38.7	9 200	58.0



Liftcrane Luffing Jib Capacities

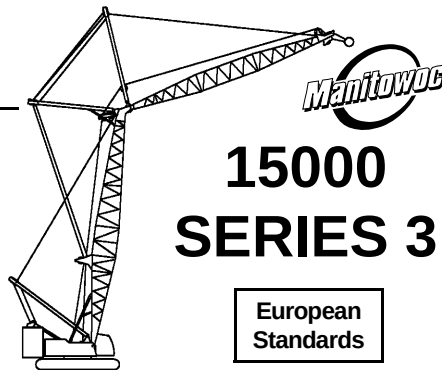
Luffing Jib No. 149A with
Boom No. 57
99 740 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speeds
(all boom lengths)

13 m/s with 21.3m thru 33.5m Luffing Jib
11 m/s with 36.6m thru 42.7m Luffing Jib
9 m/s with 45.7m thru 51.8m Luffing Jib
7 m/s with 54.9m thru 67.1m Luffing Jib
5 m/s with 70.1m and 73.2m Luffing Jib

27.5m (90 Ft.) Boom, 48.8m (160 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
16.8	74.3	76.8	35 100*																			16.8
18.0	72.8	76.4	35 000*																			18.0
20.0	70.3	75.7	34 700*	71.5	76.0	38 000*																20.0
22.0	67.7	74.9	33 900*	69.0	75.2	35 200*																22.0
24.0	65.2	74.0	31 400*	66.4	74.4	32 700*	68.2	74.8	34 600*													24.0
26.0	62.5	73.0	29 200*	63.8	73.4	30 400*	65.7	74.0	32 100*	67.5	74.3	31 500										26.0
28.0	59.9	71.9	27 300*	61.2	72.4	28 400*	63.1	73.0	29 900	64.9	73.4	29 100										28.0
30.0	57.1	70.7	25 600*	58.4	71.2	26 500*	60.4	71.9	27 800	62.3	72.4	27 000										30.0
32.0	54.2	69.3	24 000*	55.6	69.9	24 900*	57.6	70.7	25 900	59.6	71.3	25 100	62.7	72.0	23 900							32.0
34.0	51.3	67.7	22 300*	52.7	68.4	23 200*	54.8	69.3	24 200	56.8	70.0	23 400	60.0	70.9	22 300							34.0
36.0	48.1	66.0	20 500*	49.7	66.8	21 300*	51.8	67.8	22 500	53.9	68.6	21 900	57.3	69.7	20 700							36.0
38.0	44.9	64.1	18 800*	46.5	64.9	19 700*	48.8	66.1	20 800	51.0	67.1	20 300	54.4	68.3	19 200							38.0
40.0	41.4	61.9	17 300*	43.1	62.9	18 200*	45.5	64.2	19 300*	47.8	65.3	18 900	51.5	66.8	17 900	54.8	67.7	17 000				40.0
42.0	37.7	59.4	16 000*	39.5	60.6	17 000*	42.1	62.1	17 900*	44.6	63.4	17 600	48.4	65.1	16 700	51.9	66.2	15 800				42.0
44.0	33.6	56.6	14 900*	35.6	58.0	15 800*	38.4	59.7	16 600*	41.1	61.2	16 500	45.1	63.1	15 700	48.8	64.5	14 800				44.0
46.0	29.0	53.3	13 900*	31.3	54.9	14 700*	34.4	56.9	15 500*	37.3	58.7	15 500	41.7	61.0	14 700	45.6	62.6	13 800	49.1	63.7	13 100	46.0
48.0	23.6	49.1	12 600*	26.4	51.2	13 600*	30.0	53.7	14 400*	33.2	55.8	14 600	38.0	58.5	13 800	42.1	60.5	13 000	45.9	61.8	12 200	48.0
50.0	16.7	43.5	10 800*	20.3	46.4	11 900*	24.8	49.8	13 400*	28.6	52.4	13 700	33.9	55.7	13 000	38.5	58.1	12 200	42.5	59.8	11 500	50.0
52.0							18.2	44.6	11 800*	23.1	48.2	12 900	29.4	52.4	12 200	34.5	55.4	11 500	38.8	57.4	10 800	52.0
54.0										15.8	42.4	11 600*	24.0	48.4	11 500	30.0	52.1	10 800	34.9	54.7	10 200	54.0
56.0													17.2	42.9	10 800	24.8	48.2	10 200	30.5	51.5	9 500	56.0
58.0																18.3	43.0	9 600	25.4	47.7	9 000	58.0
60.0																			19.0	42.6	8 500	60.0
62.0																			9.0	34.3	8 000	62.0



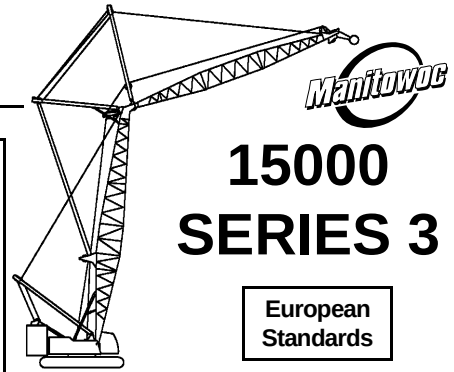
Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A with
Boom No. 57
99 740 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speeds (all boom lengths)	
13 m/s with 21.3m thru 33.5m Luffing Jib	
11 m/s with 36.6m thru 42.7m Luffing Jib	
9 m/s with 45.7m thru 51.8m Luffing Jib	
7 m/s with 54.9m thru 67.1m Luffing Jib	
5 m/s with 70.1m and 73.2m Luffing Jib	

27.5m (90 Ft.) Boom, 51.8m (170 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
16.8	75.2	79.9	31 500*																			16.8
18.0	73.8	79.6	31 300*																			18.0
20.0	71.5	78.9	31 000*	72.6	79.2	35 400*																20.0
22.0	69.1	78.2	30 800*	70.3	78.5	34 500*																22.0
24.0	66.7	77.4	30 400*	67.9	77.7	32 000*	69.6	78.1	33 500*													24.0
26.0	64.3	76.4	28 700*	65.5	76.8	29 800*	67.2	77.3	31 500*													26.0
28.0	61.8	75.4	26 800*	63.0	75.8	27 900*	64.8	76.4	29 300	66.5	76.8	28 600										28.0
30.0	59.3	74.3	25 100*	60.5	74.8	26 100*	62.3	75.4	27 300	64.1	75.9	26 500										30.0
32.0	56.6	73.0	23 600*	57.9	73.6	24 400*	59.7	74.2	25 400	61.6	74.8	24 700										32.0
34.0	53.9	71.6	22 000*	55.2	72.2	22 900*	57.1	73.0	23 700	59.0	73.7	23 000	62.0	74.4	21 900							34.0
36.0	51.1	70.0	20 300*	52.5	70.7	21 200*	54.5	71.6	22 200	56.4	72.4	21 600	59.4	73.3	20 400							36.0
38.0	48.2	68.3	18 700*	49.6	69.1	19 500*	51.7	70.1	20 600	53.7	70.9	20 100	56.8	72.0	19 000							38.0
40.0	45.1	66.4	17 300*	46.6	67.3	18 000*	48.8	68.4	19 100*	50.8	69.4	18 700	54.1	70.6	17 700	57.2	71.4	16 800				40.0
42.0	41.9	64.2	16 000*	43.5	65.2	16 700*	45.7	66.5	17 700*	47.9	67.6	17 500	51.3	69.1	16 500	54.5	70.0	15 600				42.0
44.0	38.4	61.8	14 800*	40.1	63.0	15 600*	42.5	64.4	16 400*	44.8	65.7	16 300	48.4	67.3	15 500	51.7	68.5	14 600				44.0
46.0	34.7	59.1	13 800*	36.5	60.4	14 500*	39.1	62.1	15 300*	41.6	63.5	15 300	45.3	65.4	14 500	48.8	66.8	13 700	52.0	67.7	12 900	46.0
48.0	30.5	55.9	12 900*	32.6	57.4	13 600*	35.4	59.4	14 200*	38.1	61.1	14 400	42.1	63.3	13 600	45.8	64.9	12 800	49.1	66.0	12 000	48.0
50.0	25.8	52.1	11 800*	28.1	54.0	12 600*	31.4	56.3	13 300*	34.3	58.3	13 500	38.7	60.9	12 800	42.6	62.8	12 000	46.1	64.2	11 300	50.0
52.0	20.0	47.3	10 400*	22.9	49.7	11 300*	26.8	52.7	12 400*	30.1	55.1	12 800	35.0	58.2	12 000	39.2	60.5	11 300	42.9	62.1	10 600	52.0
54.0	11.6	40.0	8 300*	16.2	43.9	9 700*	21.2	48.1	11 200*	25.3	51.2	12 100	30.8	55.1	11 300	35.5	57.8	10 600	39.5	59.8	10 000	54.0
56.0							13.7	41.5	9 600*	19.3	46.2	11 100	26.1	51.3	10 700	31.4	54.8	10 000	35.8	57.1	9 400	56.0
58.0													20.4	46.6	10 100	26.8	51.1	9 500	31.8	54.1	8 800	58.0
60.0													12.4	39.6	9 500	21.3	46.5	8 900	27.3	50.5	8 300	60.0
62.0																13.7	40.0	8 400	21.9	46.0	7 800	62.0
64.0																			14.6	39.8	7 300	64.0



Liftcrane Luffing Jib Capacities

**Luffing Jib No. 149A with
Boom No. 57
99 740 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating**

Maximum Operating Wind Speeds (all boom lengths)		
13 m/s with 21.3m thru 33.5m Luffing Jib		
11 m/s with 36.6m thru 42.7m Luffing Jib		
9 m/s with 45.7m thru 51.8m Luffing Jib		
7 m/s with 54.9m thru 67.1m Luffing Jib		
5 m/s with 70.1m and 73.2m Luffing Jib		

27.5m (90 Ft.) Boom, 54.9m (180 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
18.3	74.4	82.7	28 100*																			18.3
20.0	72.5	82.2	27 900*	73.6	82.4	31 800*																20.0
22.0	70.3	81.5	27 600*	71.4	81.7	31 500*																22.0
24.0	68.1	80.7	27 300*	69.2	81.0	30 900*																24.0
26.0	65.8	79.8	27 000*	66.9	80.2	29 100*	68.5	80.6	30 100*													26.0
28.0	63.5	78.9	26 300*	64.6	79.3	27 200*	66.3	79.8	28 700*													28.0
30.0	61.1	77.8	24 600*	62.3	78.2	25 500*	64.0	78.8	26 800	65.6	79.2	26 000										30.0
32.0	58.7	76.6	23 100*	59.9	77.1	23 900*	61.6	77.8	24 900	63.3	78.3	24 200										32.0
34.0	56.2	75.3	21 500*	57.4	75.9	22 500*	59.2	76.6	23 300	60.9	77.2	22 500										34.0
36.0	53.7	73.9	19 900*	54.9	74.5	20 900*	56.7	75.3	21 800	58.5	76.0	21 100	61.3	76.8	20 000							36.0
38.0	51.0	72.3	18 500*	52.3	73.0	19 200*	54.2	73.9	20 400	56.0	74.7	19 800	58.9	75.6	18 700							38.0
40.0	48.2	70.6	17 100*	49.6	71.4	17 800*	51.5	72.4	18 800*	53.4	73.2	18 500	56.4	74.3	17 500							40.0
42.0	45.4	68.7	15 900*	46.8	69.6	16 500*	48.8	70.7	17 400*	50.7	71.7	17 200	53.8	72.9	16 300	56.7	73.7	15 400				42.0
44.0	42.3	66.6	14 800*	43.8	67.6	15 300*	45.9	68.8	16 100*	48.0	69.9	16 100	51.2	71.4	15 200	54.2	72.3	14 300				44.0
46.0	39.1	64.2	13 800*	40.7	65.3	14 200*	42.9	66.8	15 000*	45.1	68.0	15 100	48.4	69.7	14 200	51.5	70.8	13 400				46.0
48.0	35.6	61.6	12 900*	37.3	62.8	13 300*	39.7	64.5	14 000*	42.0	65.9	14 200	45.6	67.8	13 400	48.8	69.1	12 600	51.8	70.0	11 800	48.0
50.0	31.8	58.5	12 000*	33.7	60.0	12 400*	36.3	61.9	13 000*	38.8	63.5	13 300	42.5	65.7	12 500	46.0	67.2	11 800	49.1	68.3	11 000	50.0
52.0	27.5	55.0	11 000*	29.7	56.7	11 600*	32.6	58.9	12 200*	35.3	60.8	12 500	39.3	63.3	11 800	42.9	65.2	11 000	46.2	66.5	10 300	52.0
54.0	22.5	50.6	9 800*	25.0	52.7	10 600*	28.4	55.5	11 400*	31.4	57.7	11 800	35.9	60.7	11 100	39.8	62.9	10 400	43.2	64.4	9 700	54.0
56.0	16.1	44.7	8 400*	19.4	47.7	9 300*	23.6	51.3	10 600*	27.1	54.1	11 100	32.1	57.7	10 500	36.3	60.3	9 800	40.1	62.1	9 100	56.0
58.0							17.5	45.8	9 200*	22.0	49.6	10 500*	27.8	54.1	9 900	32.6	57.3	9 200	36.7	59.6	8 600	58.0
60.0										15.3	43.5	9 100*	22.9	49.8	9 300	28.4	53.9	8 700	33.0	56.7	8 100	60.0
62.0													16.6	44.1	8 800	23.6	49.7	8 200	28.9	53.3	7 600	62.0
64.0													4.9	33.2	8 000	17.6	44.3	7 700	24.1	49.2	7 200	64.0
66.0																			18.2	43.9	6 700	66.0
68.0																			9.1	35.4	6 300	68.0



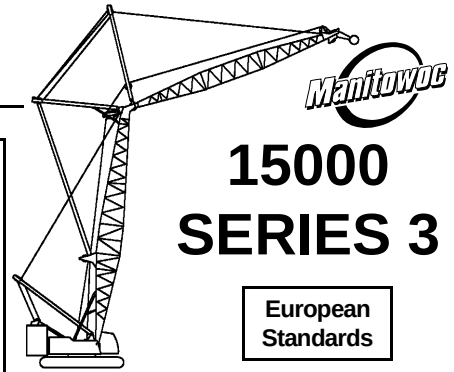
Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A with
Boom No. 57
99 740 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speeds (all boom lengths)	
13 m/s with 21.3m thru 33.5m Luffing Jib	
11 m/s with 36.6m thru 42.7m Luffing Jib	
9 m/s with 45.7m thru 51.8m Luffing Jib	
7 m/s with 54.9m thru 67.1m Luffing Jib	
5 m/s with 70.1m and 73.2m Luffing Jib	

27.5m (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	25 400*																			18.3
20.0	73.5	85.3	25 100*																			20.0
22.0	71.4	84.7	24 800*	72.4	84.9	28 400*																22.0
24.0	69.3	84.0	24 500*	70.3	84.3	28 100*																24.0
26.0	67.2	83.2	24 300*	68.2	83.5	27 800*	69.7	83.9	27 000*													26.0
28.0	65.0	82.3	24 000*	66.0	82.6	26 600*	67.6	83.1	26 800*													28.0
30.0	62.8	81.3	23 600*	63.9	81.7	24 900*	65.4	82.2	26 200*													30.0
32.0	60.5	80.2	22 400*	61.6	80.6	23 400*	63.2	81.2	24 600	64.8	81.7	23 800										32.0
34.0	58.2	79.0	20 900*	59.3	79.5	22 000*	61.0	80.1	22 900	62.6	80.7	22 200										34.0
36.0	55.9	77.7	19 500*	57.0	78.2	20 700*	58.7	79.0	21 500	60.3	79.6	20 800										36.0
38.0	53.4	76.2	18 200*	54.6	76.8	19 100*	56.3	77.7	20 200	58.0	78.3	19 500	60.7	79.2	18 400							38.0
40.0	50.9	74.6	17 000*	52.1	75.3	17 700*	53.9	76.2	18 700*	55.6	77.0	18 300	58.4	78.0	17 300							40.0
42.0	48.3	72.9	15 800*	49.5	73.7	16 300*	51.4	74.7	17 200*	53.2	75.6	17 100	56.0	76.7	16 200							42.0
44.0	45.6	71.0	14 700*	46.9	71.9	15 200*	48.8	73.0	16 000*	50.6	74.0	16 000	53.6	75.2	15 100	56.3	76.1	14 200				44.0
46.0	42.7	68.9	13 600*	44.1	69.9	14 100*	46.1	71.1	14 900*	48.0	72.2	15 000	51.1	73.7	14 200	53.9	74.7	13 300				46.0
48.0	39.7	66.6	12 700*	41.1	67.7	13 200*	43.3	69.1	13 800*	45.3	70.3	14 100	48.5	71.9	13 200	51.4	73.1	12 400				48.0
50.0	36.4	64.0	11 900*	38.0	65.2	12 300*	40.3	66.8	12 900*	42.4	68.2	13 200	45.7	70.1	12 400	48.8	71.4	11 700				50.0
52.0	32.9	61.1	11 100*	34.6	62.5	11 500*	37.1	64.3	12 000*	39.4	65.9	12 400	42.9	68.0	11 700	46.1	69.6	11 000	49.1	70.6	10 200	52.0
54.0	29.0	57.7	10 400*	30.9	59.3	10 700*	33.6	61.4	11 300*	36.1	63.2	11 700	39.9	65.7	11 000	43.3	67.5	10 300	46.4	68.8	9 600	54.0
56.0	24.6	53.7	9 300*	26.8	55.6	10 000*	29.8	58.1	10 600*	32.6	60.3	11 000	36.7	63.1	10 400	40.3	65.2	9 700	43.6	66.7	9 000	56.0
58.0	19.2	48.6	8 100*	21.9	51.1	8 900*	25.5	54.3	9 900*	28.6	56.8	10 400*	33.2	60.2	9 800	37.1	62.7	9 100	40.6	64.5	8 500	58.0
60.0	11.5	41.1	6 500*	15.6	45.1	7 600*	20.3	49.4	8 900*	24.1	52.7	9 700*	29.3	56.9	9 200	33.6	59.8	8 600	37.4	62.0	8 000	60.0
62.0							13.3	42.7	7 500*	18.6	47.5	8 800*	24.9	52.9	8 700	29.8	56.6	8 100	34.0	59.2	7 500	62.0
64.0										10.4	39.5	7 400*	19.6	47.9	8 200	25.5	52.7	7 600	30.2	55.9	7 100	64.0
66.0													12.2	40.7	7 700	20.4	47.9	7 200	26.0	52.1	6 600	66.0
68.0																13.4	41.1	6 700	20.9	47.4	6 200	68.0
70.0																			14.2	41.0	5 900	70.0



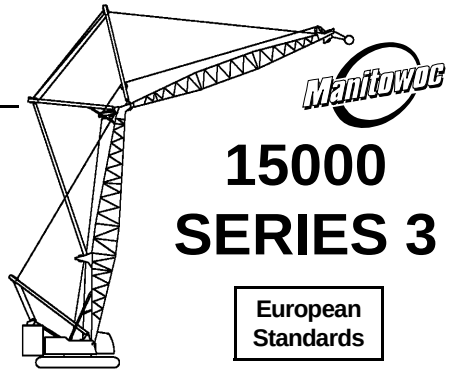
Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A with
Boom No. 57
99 740 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speeds (all boom lengths)	
13 m/s with 21.3m thru 33.5m Luffing Jib	
11 m/s with 36.6m thru 42.7m Luffing Jib	
9 m/s with 45.7m thru 51.8m Luffing Jib	
7 m/s with 54.9m thru 67.1m Luffing Jib	
5 m/s with 70.1m and 73.2m Luffing Jib	

27.5m (90 Ft.) Boom, 61.0m (200 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
19.8	74.5	88.6	22 400*																			19.8
20.0	74.3	88.5	22 400*																			20.0
22.0	72.4	87.9	22 100*	73.3	88.2	25 300*																22.0
24.0	70.4	87.2	21 800*	71.3	87.5	25 000*																24.0
26.0	68.4	86.5	21 500*	69.3	86.8	24 700*	70.8	87.1	24 000*													26.0
28.0	66.3	85.6	21 300*	67.3	86.0	24 400*	68.8	86.4	23 800*													28.0
30.0	64.3	84.7	21 000*	65.3	85.1	24 000*	66.7	85.5	23 600*													30.0
32.0	62.1	83.7	20 800*	63.2	84.1	22 800*	64.7	84.6	23 400*	66.1	85.0	23 400										32.0
34.0	60.0	82.5	20 400*	61.0	83.0	21 500*	62.6	83.6	22 600	64.1	84.1	21 800										34.0
36.0	57.8	81.3	19 100*	58.8	81.8	20 300*	60.4	82.5	21 100	61.9	83.1	20 300										36.0
38.0	55.5	80.0	17 900*	56.6	80.6	19 000*	58.2	81.3	19 700	59.8	81.9	19 100										38.0
40.0	53.2	78.5	16 800*	54.3	79.2	17 600*	56.0	80.0	18 500	57.6	80.7	17 900	60.1	81.5	16 900							40.0
42.0	50.8	76.9	15 600*	52.0	77.6	16 200*	53.7	78.6	17 100*	55.3	79.3	16 800	57.9	80.3	15 900							42.0
44.0	48.3	75.2	14 500*	49.5	76.0	15 000*	51.3	77.0	15 900*	53.0	77.9	15 800	55.7	79.0	14 900							44.0
46.0	45.7	73.3	13 500*	47.0	74.2	14 000*	48.8	75.3	14 700*	50.6	76.3	14 800	53.4	77.5	13 900	56.0	78.4	13 000				46.0
48.0	43.0	71.2	12 600*	44.3	72.2	13 000*	46.2	73.4	13 700*	48.1	74.5	13 800	51.0	76.0	13 000	53.7	77.0	12 200				48.0
50.0	40.2	69.0	11 700*	41.6	70.0	12 100*	43.6	71.4	12 700*	45.5	72.6	13 000	48.5	74.2	12 200	51.3	75.4	11 400				50.0
52.0	37.1	66.4	10 900*	38.6	67.6	11 300*	40.7	69.2	11 900*	42.8	70.5	12 200	45.9	72.4	11 500	48.8	73.7	10 700	51.5	74.6	10 000	52.0
54.0	33.9	63.6	10 200*	35.5	64.9	10 500*	37.7	66.7	11 100*	39.9	68.2	11 500	43.2	70.3	10 800	46.3	71.9	10 000	49.1	72.9	9 400	54.0
56.0	30.3	60.3	9 600*	32.1	61.9	9 900*	34.5	63.9	10 400*	36.8	65.7	10 900	40.4	68.1	10 100	43.6	69.8	9 500	46.5	71.1	8 800	56.0
58.0	26.3	56.6	8 700*	28.3	58.4	9 300*	31.0	60.8	9 700*	33.5	62.8	10 200*	37.4	65.5	9 500	40.8	67.6	8 900	43.9	69.1	8 200	58.0
60.0	21.6	52.0	7 600*	23.9	54.2	8 400*	27.1	57.1	9 100*	29.9	59.5	9 500*	34.1	62.7	9 000	37.8	65.1	8 300	41.0	66.8	7 700	60.0
62.0	15.6	45.9	6 500*	18.7	49.0	7 300*	22.6	52.7	8 300*	25.9	55.7	8 900*	30.6	59.5	8 500	34.6	62.3	7 900	38.1	64.4	7 300	62.0
64.0	4.1	33.9	4 300*	11.2	41.3	6 000*	16.9	47.0	7 300*	21.1	51.0	8 300*	26.6	55.8	8 000	31.1	59.2	7 400	34.9	61.7	6 800	64.0
66.0										14.8	44.7	7 200*	21.9	51.3	7 600	27.1	55.5	7 000	31.4	58.5	6 400	66.0
68.0													16.0	45.3	7 100	22.6	51.2	6 600	27.5	55.0	6 000	68.0
70.0													5.7	34.5	6 200	17.0	45.5	6 100	23.1	50.7	5 600	70.0
72.0																			17.6	45.2	5 300	72.0
74.0																			9.2	36.5	4 900	74.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A with
Boom No. 57
99 740 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speeds (all boom lengths)	
13 m/s with 21.3m thru 33.5m Luffing Jib	
11 m/s with 36.6m thru 42.7m Luffing Jib	
9 m/s with 45.7m thru 51.8m Luffing Jib	
7 m/s with 54.9m thru 67.1m Luffing Jib	
5 m/s with 70.1m and 73.2m Luffing Jib	

**15000
SERIES 3**

European
Standards

27.5m (90 Ft.) Boom, 64.0m (210 Ft.) Luffing Jib

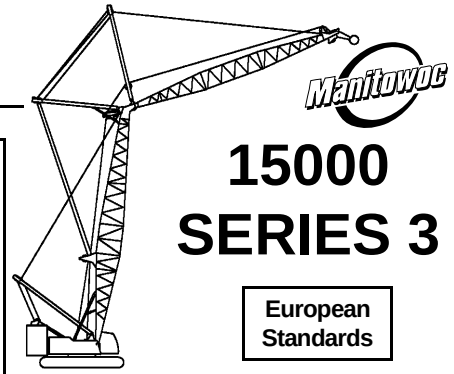
Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib 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	20 400*																			19.8
20.0	75.1	91.7	20 300*																			20.0
22.0	73.2	91.1	20 000*																			22.0
24.0	71.4	90.5	19 700*	72.3	90.7	22 600*																24.0
26.0	69.5	89.7	19 400*	70.4	90.0	22 300*																26.0
28.0	67.5	88.9	19 200*	68.5	89.2	22 000*	69.8	89.6	21 400*													28.0
30.0	65.6	88.1	18 900*	66.5	88.4	21 700*	67.9	88.8	21 200*													30.0
32.0	63.6	87.1	18 600*	64.5	87.5	21 400*	66.0	88.0	21 000*	67.3	88.3	22 400*										32.0
34.0	61.6	86.0	18 400*	62.5	86.5	21 000*	64.0	87.0	20 800*	65.4	87.5	21 400										34.0
36.0	59.5	84.9	18 200*	60.5	85.4	19 700*	62.0	86.0	20 500	63.4	86.5	20 000										36.0
38.0	57.4	83.6	17 400*	58.4	84.2	18 600*	59.9	84.9	19 400	61.4	85.4	18 700										38.0
40.0	55.2	82.3	16 300*	56.3	82.9	17 300*	57.8	83.6	18 200	59.3	84.3	17 600	61.7	85.0	16 500							40.0
42.0	53.0	80.8	15 300*	54.1	81.5	16 000*	55.6	82.3	16 900*	57.2	83.0	16 500	59.6	83.9	15 500							42.0
44.0	50.7	79.2	14 300*	51.8	79.9	14 800*	53.4	80.9	15 700*	55.0	81.7	15 600	57.5	82.7	14 600							44.0
46.0	48.4	77.5	13 300*	49.5	78.3	13 700*	51.2	79.3	14 500*	52.8	80.2	14 600	55.4	81.3	13 700							46.0
48.0	45.9	75.6	12 400*	47.1	76.5	12 800*	48.8	77.6	13 500*	50.5	78.6	13 700	53.2	79.8	12 800	55.7	80.7	12 000				48.0
50.0	43.3	73.6	11 500*	44.6	74.5	11 900*	46.4	75.7	12 500*	48.1	76.8	12 800	50.9	78.3	12 000	53.5	79.3	11 200				50.0
52.0	40.6	71.3	10 700*	41.9	72.3	11 100*	43.8	73.7	11 700*	45.7	74.9	12 000	48.5	76.6	11 300	51.2	77.7	10 500				52.0
54.0	37.8	68.8	10 000*	39.2	70.0	10 300*	41.2	71.5	10 900*	43.1	72.9	11 300	46.1	74.7	10 600	48.8	76.0	9 800	51.4	76.9	9 100	54.0
56.0	34.7	66.1	9 400*	36.2	67.4	9 600*	38.3	69.1	10 200*	40.4	70.6	10 700*	43.5	72.6	9 900	46.4	74.2	9 300	49.1	75.2	8 600	56.0
58.0	31.4	63.0	8 700*	33.0	64.4	9 000*	35.3	66.4	9 500*	37.5	68.1	9 900*	40.8	70.4	9 400	43.9	72.2	8 700	46.6	73.4	8 000	58.0
60.0	27.7	59.4	8 100*	29.6	61.1	8 400*	32.1	63.3	8 800*	34.4	65.3	9 300*	38.0	67.9	8 800	41.2	69.9	8 200	44.1	71.4	7 500	60.0
62.0	23.6	55.2	7 100*	25.6	57.2	7 800*	28.5	59.9	8 300*	31.1	62.1	8 700*	34.9	65.2	8 300	38.4	67.5	7 700	41.5	69.2	7 100	62.0
64.0	18.5	49.9	6 200*	21.1	52.5	6 800*	24.4	55.8	7 800*	27.4	58.5	8 100*	31.6	62.1	7 800	35.4	64.8	7 200	38.7	66.8	6 600	64.0
66.0	11.4	42.2	4 900*	15.2	46.3	5 800*	19.6	50.7	6 800*	23.1	54.2	7 600*	28.0	58.6	7 400	32.1	61.8	6 800	35.7	64.1	6 200	66.0
68.0							13.0	43.8	5 700*	17.9	48.8	6 800*	23.9	54.4	6 900	28.5	58.3	6 400	32.4	61.1	5 800	68.0
70.0										10.4	40.6	5 600*	18.9	49.2	6 500	24.5	54.2	6 000	28.9	57.7	5 500	70.0
72.0													12.0	41.8	6 000	19.6	49.2	5 600	24.9	53.7	5 100	72.0
74.0																13.1	42.2	5 200	20.1	48.8	4 800	74.0
76.0																			13.9	42.1	4 400	76.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A with
Boom No. 57
99 740 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

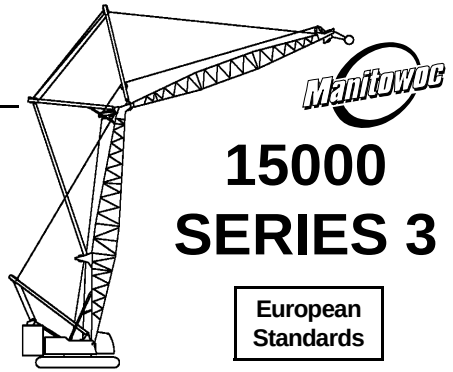
Maximum Operating Wind Speeds
(all boom lengths)

13 m/s with 21.3m thru 33.5m Luffing Jib
11 m/s with 36.6m thru 42.7m Luffing Jib
9 m/s with 45.7m thru 51.8m Luffing Jib
7 m/s with 54.9m thru 67.1m Luffing Jib
5 m/s with 70.1m and 73.2m Luffing Jib



27.5m (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			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Elev. m	Luffing Jib Capacity Kilograms	
19.8	76.0	94.9	18 500*																19.8
20.0	75.8	94.8	18 400*																20.0
22.0	74.0	94.3	18 100*																22.0
24.0	72.2	93.7	17 800*																24.0
26.0	70.4	93.0	17 600*	71.3	93.2	20 100*													26.0
28.0	68.6	92.2	17 300*	69.5	92.5	19 800*													28.0
30.0	66.8	91.4	17 000*	67.6	91.7	19 500*	69.0	92.1	19 100*										30.0
32.0	64.9	90.5	16 800*	65.8	90.8	19 300*	67.1	91.3	18 900*										32.0
34.0	63.0	89.5	16 500*	63.9	89.9	18 900*	65.2	90.4	18 700*	66.6	90.8	20 000*							34.0
36.0	61.0	88.4	16 300*	62.0	88.9	18 200*	63.3	89.4	18 400*	64.7	89.9	19 500							36.0
38.0	59.0	87.2	16 100*	60.0	87.7	17 100*	61.4	88.4	18 000*	62.8	88.9	18 300							38.0
40.0	57.0	86.0	15 500*	58.0	86.5	16 000*	59.4	87.2	16 900*	60.8	87.8	17 100							40.0
42.0	55.0	84.6	14 500*	55.9	85.2	15 100*	57.4	86.0	15 900*	58.8	86.6	16 100	61.2	87.4	15 100				42.0
44.0	52.8	83.1	13 600*	53.9	83.8	14 200*	55.4	84.6	14 900*	56.8	85.3	15 100	59.2	86.2	14 200				44.0
46.0	50.6	81.5	12 800*	51.7	82.2	13 300*	53.2	83.2	14 000*	54.7	84.0	14 300	57.2	85.0	13 400				46.0
48.0	48.4	79.8	12 000*	49.5	80.6	12 400*	51.1	81.6	13 100*	52.6	82.5	13 500	55.1	83.6	12 600				48.0
50.0	46.0	77.9	11 200*	47.2	78.8	11 600*	48.8	79.9	12 300*	50.4	80.9	12 600	53.0	82.2	11 800	55.4	83.0	10 900	50.0
52.0	43.6	75.9	10 500*	44.8	76.8	10 800*	46.5	78.1	11 400*	48.2	79.1	11 900	50.8	80.6	11 000	53.3	81.6	10 300	52.0
54.0	41.0	73.7	9 800*	42.3	74.7	10 100*	44.1	76.1	10 600*	45.8	77.2	11 100	48.5	78.8	10 300	51.1	80.0	9 600	54.0
56.0	38.4	71.2	9 100*	39.7	72.4	9 400*	41.6	73.9	9 900*	43.4	75.2	10 400*	46.2	77.0	9 700	48.8	78.3	9 000	56.0
58.0	35.5	68.5	8 500*	36.9	69.8	8 800*	38.9	71.5	9 200*	40.8	72.9	9 700*	43.8	75.0	9 100	46.5	76.5	8 500	58.0
60.0	32.4	65.5	7 900*	33.9	66.9	8 200*	36.1	68.8	8 600*	38.1	70.5	9 000*	41.2	72.8	8 600	44.1	74.5	7 900	60.0
62.0	29.0	62.1	7 400*	30.7	63.7	7 700*	33.0	65.9	8 000*	35.2	67.8	8 400*	38.5	70.3	8 100	41.6	72.3	7 400	62.0
64.0	25.2	58.2	6 600*	27.1	60.1	7 100*	29.7	62.6	7 500*	32.1	64.7	7 900*	35.7	67.7	7 600	38.9	69.9	7 000	64.0
66.0	20.8	53.4	5 700*	23.0	55.7	6 300*	26.0	58.7	7 000*	28.7	61.3	7 400*	32.6	64.7	7 200	36.1	67.3	6 600	66.0
68.0	15.1	47.1	4 800*	18.1	50.3	5 400*	21.7	54.1	6 400*	24.8	57.2	6 800*	29.3	61.3	6 700	33.0	64.3	6 100	68.0
70.0	5.0	35.4	2 900*	11.1	42.4	4 300*	16.4	48.2	5 400*	20.3	52.3	6 300*	25.5	57.4	6 300	29.7	61.0	5 800	70.0
72.0										14.5	45.8	5 400*	21.1	52.7	6 000	26.0	57.2	5 400	72.0
74.0													15.6	46.5	5 600	21.8	52.6	5 100	74.0
76.0													6.3	35.8	4 700	16.4	46.7	4 700	76.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A with
Boom No. 57
99 740 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speeds (all boom lengths)	
13 m/s with 21.3m thru 33.5m Luffing Jib	
11 m/s with 36.6m thru 42.7m Luffing Jib	
9 m/s with 45.7m thru 51.8m Luffing Jib	
7 m/s with 54.9m thru 67.1m Luffing Jib	
5 m/s with 70.1m and 73.2m Luffing Jib	

**15000
SERIES 3**

European
Standards

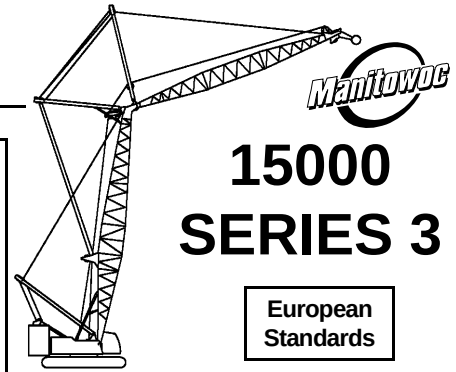
27.5m (90 Ft.) Boom, 70.1m (230 Ft.) Luffing Jib

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			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib 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	97.7	17 000*																21.3
22.0	74.7	97.5	16 900*																22.0
24.0	73.0	96.9	16 600*																24.0
26.0	71.3	96.2	16 400*	72.1	96.5	18 900*													26.0
28.0	69.6	95.5	16 200*	70.4	95.8	18 600*													28.0
30.0	67.8	94.7	15 900*	68.7	95.0	18 400*	69.9	95.4	18 000*										30.0
32.0	66.0	93.8	15 700*	66.9	94.2	18 100*	68.2	94.6	17 900*										32.0
34.0	64.2	92.9	15 500*	65.1	93.3	17 900*	66.4	93.8	17 700*										34.0
36.0	62.4	91.9	15 300*	63.3	92.3	17 700*	64.6	92.8	17 500*	65.9	93.3	18 900*							36.0
38.0	60.5	90.8	15 100*	61.4	91.2	17 400*	62.8	91.8	17 300*	64.1	92.3	18 000							38.0
40.0	58.6	89.6	14 800*	59.5	90.1	16 900*	60.9	90.7	17 100	62.2	91.3	16 800							40.0
42.0	56.7	88.3	14 200*	57.6	88.9	15 500*	59.0	89.6	16 500	60.3	90.2	15 800							42.0
44.0	54.7	86.9	13 400*	55.7	87.5	14 300*	57.1	88.3	15 200*	58.4	89.0	14 900	60.7	89.8	13 900				44.0
46.0	52.7	85.4	12 700*	53.6	86.1	13 300*	55.1	86.9	14 000*	56.5	87.7	14 000	58.8	88.6	13 100				46.0
48.0	50.6	83.8	11 900*	51.6	84.5	12 300*	53.1	85.5	13 000*	54.5	86.3	13 200	56.8	87.3	12 300				48.0
50.0	48.4	82.1	11 000*	49.5	82.9	11 400*	51.0	83.9	12 000*	52.5	84.8	12 400	54.8	85.9	11 600				50.0
52.0	46.2	80.2	10 300*	47.3	81.1	10 600*	48.8	82.2	11 200*	50.4	83.2	11 700	52.8	84.5	10 900	55.1	85.4	10 100	52.0
54.0	43.8	78.2	9 600*	45.0	79.1	9 900*	46.6	80.4	10 400*	48.2	81.4	10 900	50.7	82.9	10 200	53.1	83.9	9 500	54.0
56.0	41.4	76.0	8 900*	42.6	77.0	9 200*	44.3	78.4	9 700*	45.9	79.6	10 200*	48.6	81.2	9 600	51.0	82.3	8 900	56.0
58.0	38.9	73.6	8 300*	40.1	74.7	8 600*	41.9	76.2	9 000*	43.6	77.5	9 500*	46.3	79.3	9 000	48.9	80.6	8 300	58.0
60.0	36.2	71.0	7 700*	37.5	72.2	8 000*	39.4	73.9	8 400*	41.2	75.3	8 800*	44.0	77.3	8 400	46.6	78.8	7 800	60.0
62.0	33.3	68.1	7 200*	34.7	69.4	7 500*	36.7	71.3	7 800*	38.6	72.9	8 200*	41.6	75.1	7 900	44.3	76.8	7 300	62.0
64.0	30.1	64.8	6 700*	31.7	66.3	6 900*	33.8	68.4	7 300*	35.9	70.2	7 700*	39.0	72.7	7 400	41.9	74.6	6 800	64.0
66.0	26.7	61.0	6 100*	28.4	62.8	6 500*	30.8	65.2	6 800*	33.0	67.3	7 200*	36.3	70.1	7 000	39.4	72.3	6 400	66.0
68.0	22.7	56.6	5 300*	24.7	58.8	5 900*	27.4	61.6	6 300*	29.8	64.0	6 700*	33.5	67.2	6 600	36.7	69.7	6 000	68.0
70.0	17.9	51.1	4 500*	20.3	53.8	5 100*	23.5	57.3	5 900*	26.3	60.1	6 200*	30.3	64.0	6 200	33.9	66.8	5 600	70.0
72.0	11.3	43.2	3 400*	14.8	47.4	4 200*	18.9	52.0	5 100*	22.3	55.6	5 800*	26.9	60.2	5 800	30.8	63.6	5 300	72.0
74.0							12.8	44.9	4 100*			5 100*	23.0	55.9	5 500	27.4	60.0	4 900	74.0
76.0												4 100*	18.3	50.5	5 100	23.5	55.7	4 600	76.0
78.0													11.8	42.8	4 700	19.0	50.5	4 300	78.0
80.0																12.9	43.3	4 000	80.0

Liftcrane Luffing Jib Capacities

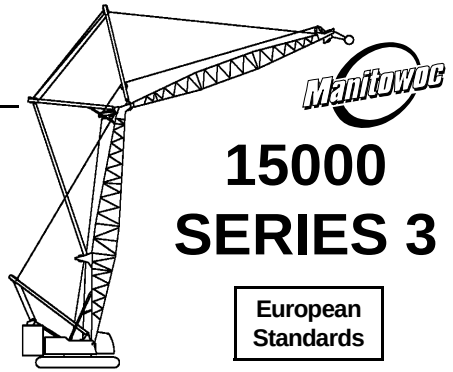
Luffing Jib No. 149A with
Boom No. 57
99 740 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speeds (all boom lengths)	
13 m/s with 21.3m thru 33.5m Luffing Jib	
11 m/s with 36.6m thru 42.7m Luffing Jib	
9 m/s with 45.7m thru 51.8m Luffing Jib	
7 m/s with 54.9m thru 67.1m Luffing Jib	
5 m/s with 70.1m and 73.2m Luffing Jib	



27.5m (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			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib 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	100.8	15 400*													21.3
22.0	75.4	100.6	15 300*													22.0
24.0	73.8	100.1	15 100*													24.0
26.0	72.1	99.4	14 900*	72.9	99.7	17 100*										26.0
28.0	70.5	98.7	14 600*	71.3	99.0	16 800*										28.0
30.0	68.8	98.0	14 400*	69.6	98.3	16 600*										30.0
32.0	67.1	97.2	14 200*	67.9	97.5	16 400*	69.1	97.9	16 100*							32.0
34.0	65.4	96.3	14 000*	66.2	96.6	16 100*	67.4	97.1	15 900*							34.0
36.0	63.6	95.3	13 800*	64.5	95.7	15 900*	65.7	96.2	15 700*	66.9	96.6	16 900*				36.0
38.0	61.9	94.3	13 600*	62.7	94.7	15 700*	64.0	95.3	15 600*	65.2	95.7	16 800*				38.0
40.0	60.1	93.1	13 400*	60.9	93.6	15 500*	62.2	94.2	15 400*	63.5	94.7	16 500				40.0
42.0	58.2	91.9	13 200*	59.1	92.4	15 100*	60.4	93.1	15 200*	61.7	93.7	15 400				42.0
44.0	56.4	90.6	13 000*	57.3	91.2	14 100*	58.6	91.9	14 800*	59.9	92.5	14 500				44.0
46.0	54.5	89.2	12 300*	55.4	89.8	13 000*	56.7	90.7	13 700*	58.1	91.3	13 600	60.2	92.2	12 700	46.0
48.0	52.5	87.7	11 600*	53.5	88.4	12 000*	54.8	89.3	12 700*	56.2	90.0	12 800	58.4	90.9	11 900	48.0
50.0	50.5	86.1	10 800*	51.5	86.8	11 100*	52.9	87.8	11 800*	54.3	88.6	12 100	56.5	89.7	11 200	50.0
52.0	48.4	84.4	10 000*	49.4	85.2	10 400*	50.9	86.2	10 900*	52.3	87.1	11 400	54.6	88.3	10 600	52.0
54.0	46.3	82.6	9 300*	47.3	83.4	9 600*	48.8	84.5	10 100*	50.3	85.5	10 700*	52.6	86.8	10 000	54.0
56.0	44.1	80.5	8 600*	45.1	81.4	8 900*	46.7	82.7	9 400*	48.2	83.7	9 900*	50.6	85.2	9 300	56.0
58.0	41.8	78.4	8 000*	42.9	79.3	8 300*	44.5	80.7	8 800*	46.1	81.9	9 200*	48.6	83.4	8 800	58.0
60.0	39.3	76.0	7 500*	40.5	77.1	7 700*	42.2	78.6	8 100*	43.9	79.8	8 600*	46.4	81.6	8 200	60.0
62.0	36.8	73.4	6 900*	38.0	74.6	7 200*	39.8	76.2	7 600*	41.5	77.7	8 000*	44.2	79.6	7 700	62.0
64.0	34.0	70.6	6 400*	35.4	71.9	6 700*	37.3	73.7	7 000*	39.1	75.3	7 400*	41.9	77.4	7 200	64.0
66.0	31.1	67.4	6 000*	32.5	68.9	6 200*	34.6	70.9	6 600*	36.5	72.7	6 900*	39.5	75.1	6 800	66.0
68.0	27.9	63.8	5 500*	29.5	65.5	5 800*	31.7	67.8	6 100*	33.8	69.8	6 400*	37.0	72.5	6 400	68.0
70.0	24.3	59.7	4 800*	26.1	61.7	5 300*	28.6	64.3	5 600*	30.8	66.6	6 000*	34.2	69.7	6 000	70.0
72.0	20.1	54.7	4 100*	22.2	57.2	4 600*	25.0	60.3	5 200*	27.6	63.0	5 500*	31.3	66.6	5 600	72.0
74.0	14.8	48.2	3 300*	17.5	51.5	3 900*	21.0	55.5	4 700*	23.9	58.7	5 100*	28.1	63.0	5 200	74.0
76.0				11.0	43.5	2 900*	15.9	49.4	3 900*	19.6	53.7	4 600*	24.6	58.9	4 900	76.0
78.0										14.2	47.0	3 900*	20.4	54.0	4 600	78.0
80.0													15.2	47.7	4 200	80.0
82.0													6.7	37.0	3 300*	82.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A with
Boom No. 57
99 740 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

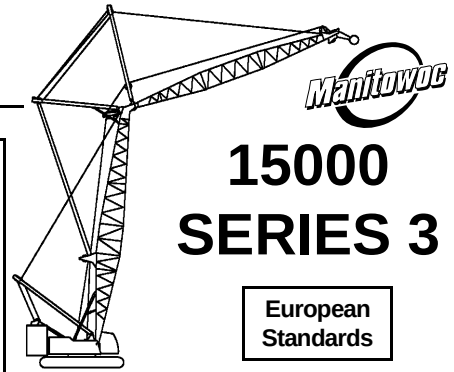
Maximum Operating Wind Speeds (all boom lengths)		
13 m/s with 21.3m thru 33.5m Luffing Jib		
11 m/s with 36.6m thru 42.7m Luffing Jib		
9 m/s with 45.7m thru 51.8m Luffing Jib		
7 m/s with 54.9m thru 67.1m Luffing Jib		
5 m/s with 70.1m and 73.2m Luffing Jib		

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	73 300*b																			11.6
12.0	66.9	52.4	71 500*b																			12.0
14.0	60.9	51.4	63 500*b	64.1	51.9	67 300*b																14.0
16.0	54.4	50.1	54 500*	57.9	50.7	60 300*b	62.9	51.5	60 800b													16.0
18.0	47.4	48.4	47 600*	51.2	49.2	54 500*	56.6	50.3	53 900	61.6	51.0	52 600b										18.0
20.0	39.4	46.2	42 700*	43.8	47.3	49 700*	49.8	48.7	48 500	55.2	49.7	47 200										20.0
22.0	29.7	43.2	38 900*	35.2	44.8	44 500*	42.2	46.7	44 000	48.2	48.0	42 800	57.1	49.5	40 900b							22.0
24.0	14.8	38.0	30 000*	23.9	41.2	37 100*	33.2	44.0	39 600	40.4	45.9	38 600	50.3	47.9	37 000							24.0
26.0										30.9	43.0	34 900	42.8	46.0	33 400	52.2	47.5	31 900				26.0
28.0													33.9	43.3	30 300	44.9	45.7	29 100				28.0
30.0													22.1	39.4	27 700	36.4	43.3	26 600	46.5	45.0	25 400	30.0
32.0																25.7	39.8	24 400	38.4	42.8	23 400	32.0
34.0																			28.3	39.6	21 500	34.0

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

Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib 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	71 100*b																			11.6
12.0	70.0	55.7	69 400*b																			12.0
14.0	64.8	54.8	62 000*b	67.6	55.2	65 500*b																14.0
16.0	59.5	53.7	54 800*	62.4	54.3	58 800*b	66.5	54.9	59 600b													16.0
18.0	53.8	52.4	47 200*	56.8	53.1	53 300*	61.2	53.9	52 900													18.0
20.0	47.6	50.7	42 000*	51.0	51.5	48 700	55.7	52.6	47 600	60.1	53.3	46 300										20.0
22.0	40.8	48.6	38 200*	44.5	49.7	44 400	49.7	51.0	43 200	54.4	52.0	42 000										22.0
24.0	32.7	45.8	35 400*	37.2	47.3	39 600*	43.1	49.0	39 300	48.3	50.3	38 300	56.1	51.8	36 600							24.0
26.0	22.2	41.8	30 500*	28.3	44.1	34 600*	35.5	46.5	35 600	41.6	48.3	34 700	50.2	50.2	33 100	57.6	51.3	31 700				26.0
28.0							26.1	43.0	32 300	33.7	45.6	31 500	43.6	48.3	30 200	51.8	49.8	28 800				28.0
30.0										23.6	41.8	28 800	36.2	45.8	27 600	45.4	48.0	26 300				30.0
32.0													26.9	42.5	25 400	38.2	45.7	24 200	46.8	47.3	23 100	32.0
34.0																29.6	42.6	22 300	39.9	45.2	21 300	34.0
36.0																17.3	37.8	20 700	31.6	42.3	19 700	36.0
38.0																			20.6	38.0	18 300	38.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A with
Boom No. 57
99 740 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speeds (all boom lengths)		
13 m/s with 21.3m thru 33.5m Luffing Jib		
11 m/s with 36.6m thru 42.7m Luffing Jib		
9 m/s with 45.7m thru 51.8m Luffing Jib		
7 m/s with 54.9m thru 67.1m Luffing Jib		
5 m/s with 70.1m and 73.2m Luffing Jib		

**15000
SERIES 3**

European
Standards

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	69 000*																			11.6
12.0	72.3	59.0	67 400*																			12.0
14.0	67.8	58.2	60 500*	70.2	58.5	63 900*																14.0
16.0	63.2	57.2	54 300*	65.7	57.7	57 600*	69.3	58.2	58 500*													16.0
18.0	58.4	56.1	47 400*	61.0	56.7	52 300*	64.7	57.3	52 000													18.0
20.0	53.3	54.7	41 800*	56.0	55.4	47 800	59.9	56.2	46 800	63.7	56.8	45 500										20.0
22.0	47.8	53.0	37 600*	50.7	53.8	43 800	54.9	54.9	42 500	58.9	55.7	41 300										22.0
24.0	41.8	50.9	34 500*	45.0	52.0	39 500	49.6	53.3	38 800	53.8	54.3	37 700										24.0
26.0	34.9	48.3	32 100*	38.7	49.7	35 400*	43.8	51.4	35 500	48.4	52.7	34 600	55.4	54.1	33 000							26.0
28.0	26.5	44.8	29 200*	31.2	46.7	31 700*	37.2	49.0	32 300	42.5	50.6	31 500	50.0	52.5	30 000							28.0
30.0	13.9	39.1	22 900*	21.5	42.6	27 000*	29.5	45.8	29 600	35.7	48.1	28 800	44.3	50.6	27 500	51.5	52.1	26 200				30.0
32.0							18.9	41.2	26 500	27.5	44.7	26 500	37.8	48.3	25 300	45.8	50.3	24 100	52.6	51.4	22 900	32.0
34.0													30.1	45.2	23 300	39.6	48.1	22 300	47.1	49.7	21 100	34.0
36.0													20.0	40.8	21 600	32.3	45.2	20 600	41.0	47.5	19 600	36.0
38.0																23.0	41.3	19 200	34.0	44.8	18 200	38.0
40.0																			25.3	41.2	17 000	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	66 600*																			11.6
12.0	74.1	62.2	65 100*																			12.0
14.0	70.1	61.5	58 700*	72.3	61.8	61 900*																14.0
16.0	66.1	60.6	53 300*	68.2	61.0	56 000*																16.0
18.0	61.9	59.6	47 500*	64.1	60.1	51 000*	67.4	60.7	51 100													18.0
20.0	57.5	58.4	41 700*	59.8	59.0	46 700*	63.2	59.7	45 900	66.5	60.2	44 600										20.0
22.0	52.8	57.0	37 400*	55.3	57.7	42 900	58.9	58.6	41 700	62.3	59.2	40 500										22.0
24.0	47.9	55.3	34 100*	50.6	56.2	39 200	54.4	57.2	38 100	58.0	58.0	37 000										24.0
26.0	42.5	53.2	31 400*	45.4	54.3	35 200*	49.5	55.6	35 100	53.4	56.6	34 000	59.3	57.8	32 400							26.0
28.0	36.5	50.8	29 400*	39.8	52.1	31 800*	44.3	53.7	32 100	48.5	55.0	31 300	54.7	56.4	29 800							28.0
30.0	29.5	47.6	27 000*	33.4	49.3	28 900*	38.6	51.4	29 400	43.2	53.0	28 600	49.9	54.8	27 200							30.0
32.0	20.3	43.1	22 900*	25.6	45.7	25 500*	31.9	48.5	27 000	37.2	50.5	26 300	44.8	53.0	25 000	51.2	54.4	23 800				32.0
34.0							23.6	44.5	24 800	30.3	47.5	24 300	39.0	50.7	23 100	46.2	52.6	22 000				34.0
36.0													32.5	47.8	21 400	40.6	50.4	20 400	47.3	52.0	19 300	36.0
38.0													24.4	44.0	19 900	34.3	47.8	18 900	41.9	49.9	18 000	38.0
40.0																26.7	44.3	17 600	35.8	47.3	16 700	40.0
42.0																16.1	39.0	16 500	28.5	44.0	15 600	42.0
44.0																			18.9	39.3	14 600	44.0



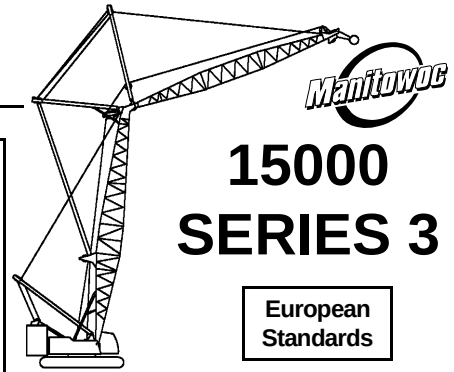
Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A with
Boom No. 57
99 740 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speeds (all boom lengths)	
13 m/s with 21.3m thru 33.5m Luffing Jib	
11 m/s with 36.6m thru 42.7m Luffing Jib	
9 m/s with 45.7m thru 51.8m Luffing Jib	
7 m/s with 54.9m thru 67.1m Luffing Jib	
5 m/s with 70.1m and 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	65.3	60 500*(b)																			12.2
14.0	72.0	64.7	57 100*(b)																			14.0
16.0	68.4	64.0	51 900*	70.3	64.3	54 500*																16.0
18.0	64.6	63.1	47 500*	66.6	63.5	49 800*																18.0
20.0	60.7	62.0	42 200*	62.8	62.5	45 700*	65.8	63.1	45 200													20.0
22.0	56.7	60.7	37 700*	58.9	61.4	42 100	62.0	62.1	41 100	65.0	62.6	40 000										22.0
24.0	52.5	59.3	34 100*	54.8	60.0	38 700	58.0	60.9	37 600	61.2	61.6	36 500										24.0
26.0	48.0	57.6	31 300*	50.4	58.5	35 400*	53.9	59.5	34 600	57.2	60.4	33 600	62.3	61.3	32 000							26.0
28.0	43.2	55.6	29 000*	45.8	56.6	31 900*	49.5	57.9	32 000	53.0	58.9	31 000	58.4	60.1	29 500							28.0
30.0	37.8	53.2	27 200*	40.7	54.4	29 000*	44.8	56.0	29 400	48.5	57.3	28 600	54.2	58.7	27 200							30.0
32.0	31.7	50.2	24 900*	35.1	51.8	26 500*	39.6	53.7	27 000	43.7	55.3	26 300	49.9	57.1	25 000	55.3	58.2	23 700				32.0
34.0	24.3	46.4	22 100*	28.5	48.5	24 100*	33.8	51.0	25 000	38.4	52.9	24 300	45.2	55.3	23 100	51.0	56.7	21 900				34.0
36.0	13.2	40.2	17 900*	19.9	43.9	20 700*	26.9	47.5	23 200	32.5	50.1	22 500	40.0	53.0	21 400	46.4	54.9	20 300				36.0
38.0							17.6	42.4	20 500	25.2	46.3	20 900	34.3	50.3	19 900	41.4	52.8	18 900	47.4	54.3	17 900	38.0
40.0													27.5	46.9	18 600	35.9	50.2	17 600	42.6	52.2	16 700	40.0
42.0													18.5	42.0	17 400	29.4	47.0	16 500	37.1	49.8	15 600	42.0
44.0																21.2	42.7	15 400	30.9	46.7	14 600	44.0
46.0																			23.2	42.7	13 700	46.0



Liftcrane Luffing Jib Capacities

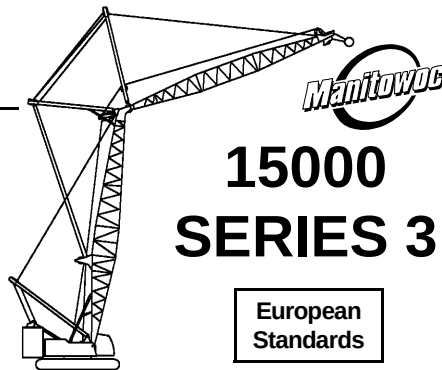
Luffing Jib No. 149A with
Boom No. 57
99 740 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speeds
(all boom lengths)

13 m/s with 21.3m thru 33.5m Luffing Jib
11 m/s with 36.6m thru 42.7m Luffing Jib
9 m/s with 45.7m thru 51.8m Luffing Jib
7 m/s with 54.9m thru 67.1m Luffing Jib
5 m/s with 70.1m and 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.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
13.7	74.0	68.0	53 300*																			13.7
14.0	73.6	67.9	53 100*																			14.0
16.0	70.3	67.2	50 700*	72.0	67.5	52 800*																16.0
18.0	66.9	66.4	46 200*	68.7	66.8	48 400*																18.0
20.0	63.4	65.5	42 500*	65.3	65.9	44 600*	68.0	66.4	44 400													20.0
22.0	59.8	64.4	37 700*	61.7	64.9	41 200*	64.5	65.5	40 400													22.0
24.0	56.1	63.1	34 100*	58.1	63.7	38 000	61.0	64.5	36 900	63.8	65.0	35 800										24.0
26.0	52.2	61.6	31 100*	54.3	62.3	35 000	57.3	63.2	34 000	60.2	64.0	32 900										26.0
28.0	48.1	59.9	28 700*	50.3	60.7	31 600*	53.5	61.8	31 400	56.5	62.7	30 500	61.3	63.7	28 900							28.0
30.0	43.7	57.9	26 800*	46.1	58.9	28 700*	49.4	60.2	29 100	52.6	61.2	28 200	57.6	62.4	26 800							30.0
32.0	38.9	55.6	24 600*	41.5	56.8	26 200*	45.1	58.3	26 800	48.6	59.6	26 000	53.8	61.0	24 700							32.0
34.0	33.5	52.8	22 400*	36.4	54.3	24 100*	40.5	56.1	24 800	44.2	57.6	24 000	49.8	59.4	22 800	54.8	60.6	21 600				34.0
36.0	27.1	49.3	20 500*	30.7	51.2	22 200*	35.3	53.5	23 000	39.4	55.3	22 300	45.5	57.6	21 200	50.8	59.0	20 000				36.0
38.0	18.9	44.4	17 800*	23.6	47.2	19 700*	29.3	50.2	21 400	34.1	52.6	20 800	40.9	55.4	19 700	46.6	57.2	18 600				38.0
40.0							21.9	46.0	19 700*	27.9	49.2	19 300	35.7	52.8	18 400	42.1	55.1	17 400	47.6	56.6	16 400	40.0
42.0										20.0	44.5	18 100	29.9	49.6	17 100	37.1	52.7	16 200	43.1	54.5	15 300	42.0
44.0													22.6	45.5	16 100	31.5	49.7	15 200	38.3	52.2	14 300	44.0
46.0																24.7	45.8	14 200	32.8	49.3	13 400	46.0
48.0																15.2	40.1	13 400	26.3	45.7	12 600	48.0
50.0																			17.7	40.6	11 800	50.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A with
Boom No. 57
99 740 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

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

13 m/s with 21.3m thru 33.5m Luffing Jib
11 m/s with 36.6m thru 42.7m Luffing Jib
9 m/s with 45.7m thru 51.8m Luffing Jib
7 m/s with 54.9m thru 67.1m Luffing Jib
5 m/s with 70.1m and 73.2m Luffing Jib

**15000
SERIES 3**

European
Standards

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

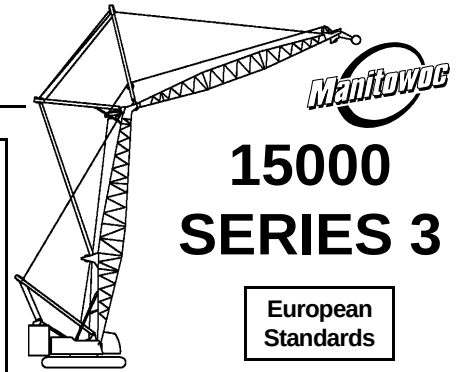
Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib 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	71.2	47 800*																			13.7
14.0	74.9	71.1	47 700*																			14.0
16.0	71.8	70.5	46 900*																			16.0
18.0	68.8	69.7	45 000*	70.4	70.1	47 200*																18.0
20.0	65.6	68.9	41 600*	67.3	69.3	43 500*	69.8	69.7	43 700													20.0
22.0	62.4	67.9	38 100*	64.1	68.3	40 300*	66.6	68.9	39 700													22.0
24.0	59.0	66.7	34 200*	60.8	67.3	37 400	63.4	67.9	36 300	66.0	68.4	35 300										24.0
26.0	55.6	65.4	31 100*	57.4	66.0	34 500	60.1	66.8	33 400	62.7	67.4	32 400										26.0
28.0	52.0	63.9	28 600*	53.9	64.6	31 500*	56.7	65.6	30 900	59.4	66.3	29 900										28.0
30.0	48.2	62.2	26 600*	50.2	63.0	28 500*	53.2	64.1	28 700	56.0	65.0	27 800	60.4	66.0	26 400							30.0
32.0	44.1	60.2	24 500*	46.3	61.2	26 000*	49.4	62.5	26 700	52.4	63.5	25 900	57.0	64.8	24 500							32.0
34.0	39.7	58.0	22 300*	42.1	59.1	23 900*	45.4	60.6	24 600	48.6	61.9	23 900	53.4	63.4	22 700							34.0
36.0	34.9	55.3	20 400*	37.5	56.7	22 000*	41.2	58.5	22 800	44.6	59.9	22 100	49.7	61.7	21 000	54.4	62.9	19 900				36.0
38.0	29.4	52.0	18 800*	32.4	53.8	20 400*	36.5	55.9	21 300	40.2	57.7	20 600	45.8	59.9	19 500	50.7	61.3	18 400				38.0
40.0	22.6	47.8	17 100*	26.4	50.1	18 700*	31.3	52.9	19 800	35.5	55.1	19 200	41.5	57.7	18 200	46.8	59.5	17 200	51.5	60.6	16 200	40.0
42.0	12.8	41.3	14 000*	18.7	45.2	16 100*	25.0	49.1	18 400	30.0	51.9	18 000	36.9	55.2	17 000	42.7	57.5	16 000	47.7	58.9	15 100	42.0
44.0							16.6	43.6	16 000*	23.5	47.8	16 800	31.7	52.2	15 900	38.2	55.1	15 000	43.6	56.9	14 100	44.0
46.0													25.5	48.5	14 900	33.1	52.2	14 100	39.2	54.6	13 300	46.0
48.0													17.4	43.3	14 000	27.3	48.7	13 200	34.3	51.8	12 400	48.0
50.0																19.9	44.0	12 400	28.6	48.5	11 700	50.0
52.0																			21.7	44.1	11 000	52.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A with
Boom No. 57
99 740 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

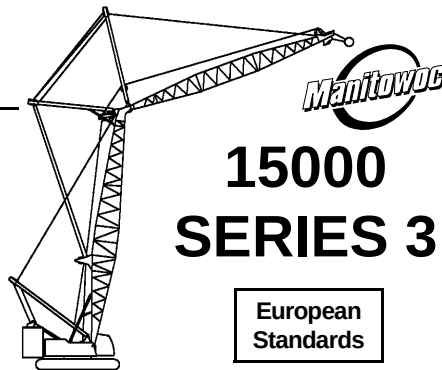
Maximum Operating Wind Speeds
(all boom lengths)

13 m/s with 21.3m thru 33.5m Luffing Jib
11 m/s with 36.6m thru 42.7m Luffing Jib
9 m/s with 45.7m thru 51.8m Luffing Jib
7 m/s with 54.9m thru 67.1m Luffing Jib
5 m/s with 70.1m and 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.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
15.2	74.2	73.9	42 500*																			15.2
16.0	73.2	73.7	42 200*																			16.0
18.0	70.3	73.0	41 600*	71.9	73.3	45 700*																18.0
20.0	67.5	72.2	40 600*	69.0	72.6	42 300*																20.0
22.0	64.5	71.3	37 700*	66.1	71.7	39 300*	68.4	72.2	39 000													22.0
24.0	61.5	70.2	34 400*	63.1	70.7	36 600*	65.5	71.3	35 600													24.0
26.0	58.4	69.1	31 200*	60.0	69.6	33 800	62.5	70.3	32 800	64.8	70.8	31 800										26.0
28.0	55.1	67.7	28 600*	56.8	68.4	31 200	59.4	69.2	30 300	61.8	69.8	29 400										28.0
30.0	51.8	66.2	26 500*	53.6	66.9	28 300*	56.2	67.9	28 100	58.7	68.7	27 200										30.0
32.0	48.2	64.5	24 300*	50.1	65.3	25 800*	52.9	66.4	26 300	55.5	67.3	25 400	59.6	68.4	24 000							32.0
34.0	44.5	62.5	22 100*	46.5	63.5	23 600*	49.4	64.8	24 400	52.1	65.8	23 700	56.4	67.1	22 400							34.0
36.0	40.5	60.3	20 300*	42.6	61.5	21 800*	45.7	62.9	22 600	48.6	64.2	21 900	53.1	65.7	20 700							36.0
38.0	36.1	57.7	18 600*	38.4	59.1	20 100*	41.8	60.8	21 100	44.9	62.2	20 400	49.7	64.0	19 200	54.0	65.2	18 200				38.0
40.0	31.1	54.7	17 200*	33.8	56.3	18 700*	37.5	58.4	19 600	40.9	60.0	19 000	46.0	62.2	17 900	50.6	63.6	16 900				40.0
42.0	25.4	50.9	15 900*	28.6	52.9	17 300*	32.8	55.5	18 300	36.6	57.5	17 800	42.1	60.1	16 800	47.0	61.8	15 800	51.3	62.9	14 900	42.0
44.0	17.9	45.7	13 900*	22.2	48.6	15 400*	27.4	51.9	17 100*	31.7	54.5	16 700	37.9	57.7	15 700	43.2	59.8	14 800	47.8	61.2	13 900	44.0
46.0							20.6	47.3	15 400*	26.1	50.8	15 600	33.2	54.8	14 700	39.0	57.5	13 800	44.0	59.2	13 000	46.0
48.0										18.9	45.8	14 700	27.8	51.3	13 800	34.5	54.7	13 000	40.0	56.9	12 200	48.0
50.0													21.2	46.8	13 000	29.3	51.5	12 200	35.5	54.3	11 400	50.0
52.0																23.1	47.3	11 500	30.5	51.2	10 700	52.0
54.0																14.6	41.3	10 800	24.6	47.2	10 100	54.0
56.0																			16.8	41.8	9 500	56.0



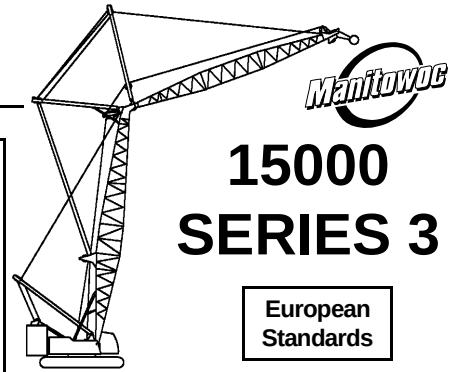
Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A with
Boom No. 57
99 740 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speeds (all boom lengths)	
13 m/s with 21.3m thru 33.5m Luffing Jib	
11 m/s with 36.6m thru 42.7m Luffing Jib	
9 m/s with 45.7m thru 51.8m Luffing Jib	
7 m/s with 54.9m thru 67.1m Luffing Jib	
5 m/s with 70.1m and 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	38 000*																			15.2
16.0	74.3	76.8	37 800*																			16.0
18.0	71.7	76.2	37 500*																			18.0
20.0	69.0	75.5	36 900*	70.5	75.8	41 100*																20.0
22.0	66.3	74.7	36 200*	67.8	75.0	38 200*	69.9	75.5	38 500													22.0
24.0	63.5	73.7	34 300*	65.0	74.1	35 700*	67.2	74.7	35 200													24.0
26.0	60.7	72.6	31 500*	62.2	73.1	33 400	64.4	73.7	32 400	66.6	74.2	31 400										26.0
28.0	57.8	71.4	28 900*	59.3	72.0	30 900	61.6	72.7	29 900	63.8	73.3	29 000										28.0
30.0	54.7	70.0	26 500*	56.3	70.7	28 400	58.7	71.5	27 800	61.0	72.2	26 900										30.0
32.0	51.6	68.5	24 200*	53.3	69.3	25 900*	55.7	70.2	25 900	58.1	71.0	25 000	61.8	71.9	23 700							32.0
34.0	48.3	66.8	22 100*	50.0	67.7	23 700*	52.6	68.7	24 200	55.1	69.7	23 400	58.9	70.7	22 100							34.0
36.0	44.8	64.9	20 300*	46.7	65.8	21 800*	49.4	67.1	22 600	51.9	68.2	21 900	56.0	69.4	20 600							36.0
38.0	41.1	62.7	18 600*	43.1	63.8	20 100*	45.9	65.2	21 000	48.6	66.5	20 300	52.9	68.0	19 200							38.0
40.0	37.1	60.2	17 200*	39.2	61.5	18 600*	42.3	63.2	19 600	45.2	64.6	18 900	49.6	66.3	17 900	53.7	67.5	16 800				40.0
42.0	32.6	57.2	15 900*	35.0	58.8	17 300*	38.4	60.8	18 300	41.5	62.4	17 700	46.2	64.5	16 700	50.5	65.9	15 700				42.0
44.0	27.5	53.7	14 800*	30.3	55.6	16 200*	34.1	58.0	17 100*	37.5	59.9	16 600	42.6	62.4	15 600	47.1	64.1	14 700				44.0
46.0	21.3	49.2	13 500*	24.8	51.7	14 800*	29.3	54.7	15 900*	33.1	57.0	15 600	38.7	60.0	14 700	43.6	62.1	13 800	47.9	63.5	12 900	46.0
48.0	12.5	42.4	11 200*	17.7	46.4	12 800*	23.5	50.6	14 700*	28.1	53.6	14 600	34.5	57.3	13 800	39.8	59.8	12 900	44.4	61.5	12 100	48.0
50.0							15.9	44.8	12 800*	22.1	49.2	13 800	29.7	54.1	12 900	35.6	57.2	12 100	40.6	59.3	11 300	50.0
52.0													24.0	50.0	12 200	31.0	54.1	11 400	36.5	56.7	10 700	52.0
54.0													16.6	44.5	11 500	25.6	50.3	10 800	32.0	53.8	10 000	54.0
56.0																18.8	45.3	10 100	26.9	50.1	9 500	56.0
58.0																			20.5	45.5	8 900	58.0



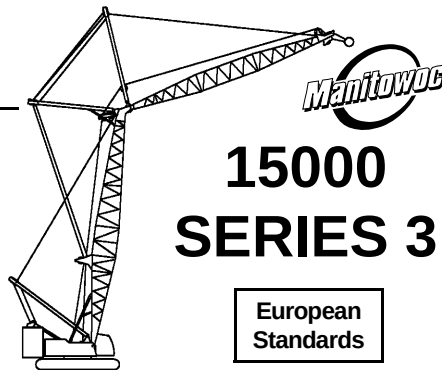
Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A with
Boom No. 57
99 740 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speeds (all boom lengths)		
13 m/s with 21.3m thru 33.5m Luffing Jib		
11 m/s with 36.6m thru 42.7m Luffing Jib		
9 m/s with 45.7m thru 51.8m Luffing Jib		
7 m/s with 54.9m thru 67.1m Luffing Jib		
5 m/s with 70.1m and 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.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
16.8	74.4	79.8	33 800*																			16.8
18.0	72.9	79.4	33 700*																			18.0
20.0	70.4	78.7	33 300*	71.7	79.0	38 300*																20.0
22.0	67.9	78.0	32 900*	69.2	78.3	37 300*																22.0
24.0	65.3	77.1	32 300*	66.7	77.5	34 700*	68.7	78.0	34 600													24.0
26.0	62.7	76.1	30 300*	64.1	76.6	32 500	66.2	77.1	31 800													26.0
28.0	60.0	75.0	28 000*	61.4	75.5	30 400	63.5	76.2	29 400	65.6	76.7	28 400										28.0
30.0	57.2	73.7	25 800*	58.7	74.3	28 100	60.9	75.1	27 300	63.0	75.7	26 300										30.0
32.0	54.4	72.3	23 800*	55.9	73.0	25 600*	58.1	73.9	25 400	60.3	74.6	24 500										32.0
34.0	51.4	70.8	21 900*	53.0	71.6	23 400*	55.3	72.6	23 800	57.5	73.3	22 900	61.1	74.3	21 600							34.0
36.0	48.3	69.1	20 100*	50.0	69.9	21 500*	52.4	71.1	22 300	54.7	72.0	21 500	58.4	73.1	20 200							36.0
38.0	45.1	67.2	18 500*	46.8	68.2	19 900*	49.3	69.4	20 800	51.7	70.4	20 100	55.5	71.7	18 900							38.0
40.0	41.6	65.0	17 100*	43.5	66.1	18 400*	46.1	67.6	19 300	48.7	68.8	18 700	52.6	70.3	17 600	56.3	71.2	16 600				40.0
42.0	37.9	62.6	15 800*	39.9	63.8	17 100*	42.8	65.5	18 100	45.4	66.9	17 500	49.6	68.6	16 400	53.4	69.8	15 500				42.0
44.0	33.8	59.8	14 700*	36.0	61.2	15 900*	39.1	63.1	16 800*	42.0	64.7	16 300	46.4	66.8	15 400	50.4	68.2	14 400				44.0
46.0	29.3	56.5	13 800*	31.8	58.2	14 800*	35.2	60.5	15 700*	38.3	62.3	15 300	43.0	64.7	14 400	47.2	66.4	13 500	51.0	67.5	12 600	46.0
48.0	24.0	52.4	12 700*	26.9	54.6	13 800*	30.8	57.3	14 600*	34.3	59.6	14 400	39.4	62.4	13 500	43.9	64.4	12 700	47.9	65.8	11 800	48.0
50.0	17.1	46.9	11 100*	21.0	50.0	12 200*	25.8	53.5	13 700*	29.8	56.3	13 600	35.5	59.8	12 700	40.4	62.2	11 900	44.7	63.8	11 100	50.0
52.0							19.6	48.7	12 200*	24.6	52.3	12 800	31.2	56.7	12 000	36.6	59.7	11 200	41.2	61.7	10 400	52.0
54.0										18.0	47.1	12 000	26.2	53.0	11 300	32.4	56.7	10 500	37.4	59.2	9 800	54.0
56.0													20.1	48.2	10 600	27.6	53.2	9 900	33.3	56.3	9 200	56.0
58.0																21.9	48.7	9 400	28.7	52.9	8 700	58.0
60.0																14.1	42.4	8 800	23.2	48.7	8 200	60.0
62.0																			16.1	43.0	7 700	62.0



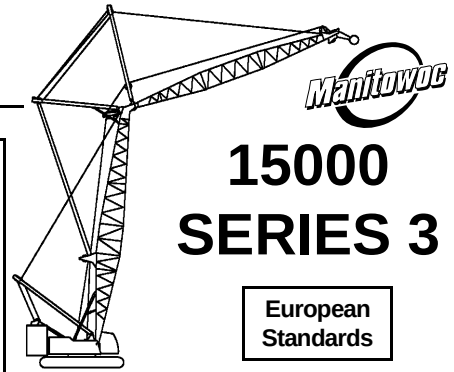
Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A with
Boom No. 57
99 740 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speeds (all boom lengths)	
13 m/s with 21.3m thru 33.5m Luffing Jib	
11 m/s with 36.6m thru 42.7m Luffing Jib	
9 m/s with 45.7m thru 51.8m Luffing Jib	
7 m/s with 54.9m thru 67.1m Luffing Jib	
5 m/s with 70.1m and 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.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
16.8	75.3	83.0	30 400*																			16.8
18.0	73.9	82.6	30 300*																			18.0
20.0	71.6	82.0	30 000*	72.8	82.2	34 300*																20.0
22.0	69.2	81.2	29 700*	70.5	81.6	34 100*																22.0
24.0	66.9	80.4	29 400*	68.1	80.8	33 600*																24.0
26.0	64.4	79.5	29 000*	65.7	79.9	31 800*	67.6	80.4	31 300													26.0
28.0	61.9	78.5	27 000*	63.3	79.0	29 800	65.2	79.6	28 900	67.1	80.0	28 000										28.0
30.0	59.4	77.3	25 100*	60.7	77.9	27 700	62.7	78.6	26 800	64.7	79.1	25 900										30.0
32.0	56.8	76.1	23 200*	58.2	76.7	25 400*	60.2	77.4	24 900	62.2	78.1	24 100										32.0
34.0	54.1	74.7	21 500*	55.5	75.3	23 200*	57.6	76.2	23 300	59.7	76.9	22 500										34.0
36.0	51.3	73.1	19 900*	52.8	73.9	21 300*	55.0	74.9	21 900	57.1	75.7	21 100	60.4	76.6	19 800							36.0
38.0	48.4	71.4	18 300*	49.9	72.2	19 700*	52.2	73.4	20 500	54.4	74.3	19 800	57.8	75.4	18 600							38.0
40.0	45.3	69.5	17 000*	46.9	70.4	18 200*	49.3	71.7	19 200	51.6	72.7	18 500	55.2	74.1	17 400							40.0
42.0	42.1	67.4	15 800*	43.8	68.4	16 900*	46.3	69.9	17 900	48.7	71.1	17 300	52.4	72.6	16 200	55.9	73.6	15 200				42.0
44.0	38.6	65.0	14 700*	40.5	66.2	15 700*	43.1	67.8	16 600*	45.6	69.2	16 200	49.5	70.9	15 200	53.1	72.1	14 200				44.0
46.0	34.9	62.3	13 700*	36.9	63.7	14 600*	39.8	65.5	15 400*	42.4	67.1	15 100	46.6	69.1	14 200	50.3	70.5	13 300				46.0
48.0	30.8	59.1	12 800*	33.0	60.8	13 600*	36.1	62.9	14 400*	39.0	64.7	14 300	43.4	67.1	13 400	47.3	68.7	12 500	50.9	69.8	11 600	48.0
50.0	26.0	55.3	12 000*	28.6	57.3	12 800*	32.2	59.9	13 500*	35.3	62.0	13 400	40.0	64.8	12 500	44.2	66.8	11 700	48.0	68.1	10 900	50.0
52.0	20.3	50.6	10 600*	23.5	53.2	11 600*	27.7	56.4	12 600*	31.2	58.9	12 600	36.4	62.2	11 800	40.9	64.6	11 000	44.9	66.2	10 200	52.0
54.0	12.2	43.5	8 800*	17.0	47.6	10 100*	22.3	52.0	11 600*	26.6	55.3	11 900	32.5	59.3	11 100	37.4	62.1	10 300	41.7	64.0	9 600	54.0
56.0							15.3	46.0	10 100*	21.0	50.6	11 200	28.0	55.8	10 500	33.6	59.2	9 700	38.2	61.6	9 000	56.0
58.0													22.8	51.5	9 900	29.3	55.9	9 200	34.4	58.8	8 500	58.0
60.0													16.0	45.7	9 300	24.3	51.8	8 600	30.2	55.6	8 000	60.0
62.0																18.0	46.5	8 100	25.4	51.7	7 500	62.0
64.0																7.7	37.5	7 700	19.5	46.8	7 100	64.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A with
Boom No. 57
99 740 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speeds (all boom lengths)		
13 m/s with 21.3m thru 33.5m Luffing Jib		
11 m/s with 36.6m thru 42.7m Luffing Jib		
9 m/s with 45.7m thru 51.8m Luffing Jib		
7 m/s with 54.9m thru 67.1m Luffing Jib		
5 m/s with 70.1m and 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.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
18.3	74.5	85.7	27 300*																			18.3
20.0	72.7	85.2	27 000*																			20.0
22.0	70.5	84.5	26 800*	71.6	84.8	30 600*																22.0
24.0	68.2	83.7	26 500*	69.4	84.1	30 400*																24.0
26.0	65.9	82.9	26 200*	67.2	83.3	30 100*	68.9	83.7	29 300													26.0
28.0	63.6	81.9	25 800*	64.9	82.4	29 200*	66.7	82.9	28 500													28.0
30.0	61.3	80.8	24 200*	62.5	81.3	27 200	64.4	82.0	26 300	66.2	82.4	25 400										30.0
32.0	58.8	79.7	22 500*	60.1	80.2	25 100	62.0	80.9	24 400	63.9	81.5	23 600										32.0
34.0	56.4	78.4	21 000*	57.7	79.0	23 000*	59.6	79.8	22 900	61.5	80.4	22 000										34.0
36.0	53.8	77.0	19 500*	55.2	77.7	21 000*	57.2	78.6	21 400	59.1	79.3	20 600										36.0
38.0	51.1	75.4	18 100*	52.6	76.2	19 400*	54.6	77.2	20 100	56.6	78.0	19 300	59.8	79.0	18 200							38.0
40.0	48.4	73.7	16 800*	49.9	74.6	17 900*	52.0	75.7	18 900	54.1	76.6	18 200	57.4	77.7	17 000							40.0
42.0	45.5	71.8	15 700*	47.1	72.7	16 600*	49.3	74.0	17 700*	51.4	75.1	17 100	54.8	76.4	16 000							42.0
44.0	42.5	69.7	14 600*	44.1	70.8	15 400*	46.5	72.2	16 400*	48.7	73.4	15 900	52.2	74.9	14 900	55.5	75.9	14 000				44.0
46.0	39.3	67.4	13 600*	41.0	68.6	14 400*	43.5	70.1	15 200*	45.8	71.5	15 000	49.5	73.2	14 000	52.9	74.4	13 000				46.0
48.0	35.8	64.7	12 700*	37.7	66.1	13 400*	40.3	67.9	14 200*	42.8	69.4	14 000	46.7	71.4	13 100	50.2	72.8	12 200				48.0
50.0	32.0	61.7	11 900*	34.1	63.3	12 500*	37.0	65.3	13 200*	39.6	67.1	13 200	43.7	69.4	12 300	47.4	71.1	11 400	50.8	72.1	10 600	50.0
52.0	27.8	58.2	11 200*	30.1	60.0	11 700*	33.3	62.5	12 300*	36.2	64.5	12 400	40.6	67.2	11 600	44.5	69.1	10 700	48.1	70.4	10 000	52.0
54.0	22.8	53.8	10 000*	25.6	56.2	10 900*	29.2	59.1	11 500*	32.5	61.5	11 700	37.2	64.7	10 900	41.4	66.9	10 100	45.2	68.5	9 300	54.0
56.0	16.5	48.1	8 600*	20.1	51.3	9 600*	24.5	55.1	10 800*	28.3	58.0	11 000	33.6	61.8	10 300	38.1	64.5	9 500	42.1	66.3	8 800	56.0
58.0							18.8	49.9	9 600*	23.4	53.8	10 400	29.6	58.5	9 700	34.6	61.7	9 000	38.9	64.0	8 200	58.0
60.0										17.3	48.3	9 700	24.9	54.5	9 100	30.7	58.5	8 400	35.4	61.3	7 800	60.0
62.0													19.3	49.5	8 600	26.2	54.8	7 900	31.5	58.2	7 300	62.0
64.0													11.1	41.9	8 100	20.9	50.1	7 500	27.2	54.6	6 800	64.0
66.0																13.7	43.5	7 000	22.1	50.2	6 400	66.0
68.0																			15.5	44.2	6 000	68.0



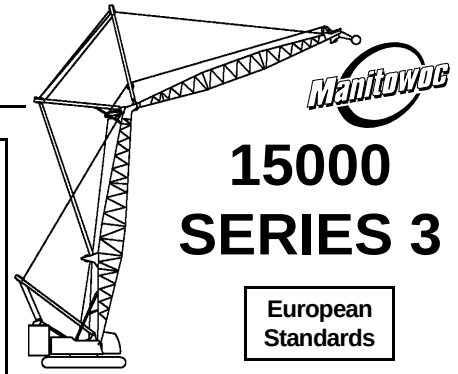
Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A with
Boom No. 57
99 740 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speeds (all boom lengths)	
13 m/s with 21.3m thru 33.5m Luffing Jib	
11 m/s with 36.6m thru 42.7m Luffing Jib	
9 m/s with 45.7m thru 51.8m Luffing Jib	
7 m/s with 54.9m thru 67.1m Luffing Jib	
5 m/s with 70.1m and 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.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
18.3	75.4	88.9	24 400*																			18.3
20.0	73.6	88.4	24 100*																			20.0
22.0	71.5	87.7	23 900*	72.6	88.0	27 300*																22.0
24.0	69.4	87.0	23 600*	70.5	87.3	27 000*																24.0
26.0	67.3	86.2	23 300*	68.4	86.6	26 800*	70.1	87.0	26 100*													26.0
28.0	65.1	85.3	23 100*	66.3	85.7	26 600*	68.0	86.2	25 900*													28.0
30.0	62.9	84.3	22 900*	64.1	84.8	26 300*	65.8	85.3	25 600													30.0
32.0	60.7	83.2	21 900*	61.9	83.7	25 000	63.6	84.4	24 100	65.4	84.9	23 300										32.0
34.0	58.3	82.0	20 500*	59.6	82.6	23 100*	61.4	83.3	22 500	63.2	83.9	21 700										34.0
36.0	56.0	80.7	19 200*	57.2	81.3	21 100*	59.1	82.2	21 100	60.9	82.8	20 300										36.0
38.0	53.5	79.3	17 900*	54.8	80.0	19 400*	56.8	80.9	19 800	58.6	81.6	19 100										38.0
40.0	51.0	77.7	16 700*	52.4	78.5	18 000*	54.3	79.5	18 600	56.2	80.3	17 900	59.3	81.3	16 800							40.0
42.0	48.4	76.0	15 600*	49.8	76.8	16 600*	51.9	78.0	17 500	53.8	78.9	16 900	56.9	80.1	15 800							42.0
44.0	45.7	74.1	14 600*	47.2	75.1	15 400*	49.3	76.3	16 400*	51.3	77.4	15 800	54.5	78.7	14 800							44.0
46.0	42.8	72.0	13 600*	44.4	73.1	14 300*	46.6	74.5	15 200*	48.7	75.7	14 800	52.1	77.2	13 900	55.2	78.2	12 900				46.0
48.0	39.8	69.7	12 700*	41.5	70.9	13 300*	43.8	72.5	14 100*	46.0	73.8	13 900	49.5	75.5	13 000	52.7	76.7	12 100				48.0
50.0	36.6	67.2	11 900*	38.3	68.5	12 500*	40.8	70.2	13 100*	43.2	71.7	13 100	46.8	73.7	12 200	50.2	75.1	11 300				50.0
52.0	33.1	64.2	11 200*	35.0	65.7	11 600*	37.7	67.7	12 300*	40.2	69.5	12 300	44.0	71.7	11 500	47.5	73.3	10 600	50.7	74.4	9 800	52.0
54.0	29.2	60.9	10 500*	31.3	62.7	10 900*	34.3	65.0	11 500*	37.0	66.9	11 600	41.1	69.5	10 800	44.8	71.4	10 000	48.1	72.7	9 200	54.0
56.0	24.8	56.9	9 500*	27.3	59.0	10 200*	30.5	61.8	10 700*	33.5	64.0	10 900	37.9	67.1	10 100	41.9	69.2	9 400	45.4	70.8	8 700	56.0
58.0	19.5	51.9	8 300*	22.5	54.6	9 200*	26.3	58.0	10 100*	29.7	60.7	10 300	34.6	64.3	9 600	38.8	66.9	8 800	42.5	68.7	8 100	58.0
60.0	12.0	44.6	6 900*	16.4	48.8	7 900*	21.4	53.4	9 300*	25.4	56.8	9 700	30.9	61.1	9 000	35.5	64.2	8 300	39.5	66.3	7 600	60.0
62.0							14.9	47.1	8 000*	20.1	52.0	9 100	26.7	57.4	8 500	31.9	61.1	7 800	36.2	63.7	7 200	62.0
64.0										13.1	45.1	8 000*	21.8	52.9	8 000	27.8	57.6	7 400	32.7	60.8	6 800	64.0
66.0													15.5	46.8	7 500	23.2	53.3	6 900	28.7	57.3	6 300	66.0
68.0																17.3	47.8	6 500	24.2	53.3	5 900	68.0
70.0																8.0	38.6	6 100	18.8	48.1	5 600	70.0



Liftcrane Luffing Jib Capacities

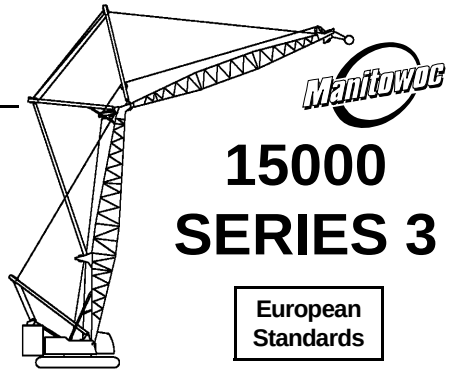
Luffing Jib No. 149A with
Boom No. 57
99 740 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speeds
(all boom lengths)

13 m/s with 21.3m thru 33.5m Luffing Jib
11 m/s with 36.6m thru 42.7m Luffing Jib
9 m/s with 45.7m thru 51.8m Luffing Jib
7 m/s with 54.9m thru 67.1m Luffing Jib
5 m/s with 70.1m and 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.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
19.8	74.6	91.6	21 900*																			19.8
20.0	74.4	91.6	21 800*																			20.0
22.0	72.5	90.9	21 500*																			22.0
24.0	70.5	90.3	21 300*	71.6	90.6	24 400*																24.0
26.0	68.5	89.5	21 000*	69.6	89.8	24 100*																26.0
28.0	66.4	88.7	20 800*	67.5	89.0	23 900*	69.1	89.5	23 300*													28.0
30.0	64.4	87.7	20 600*	65.5	88.2	23 600*	67.1	88.7	23 100*													30.0
32.0	62.3	86.7	20 300*	63.4	87.2	23 400*	65.0	87.8	22 900*	66.7	88.2	22 800										32.0
34.0	60.1	85.6	19 800*	61.3	86.1	22 400*	62.9	86.8	22 200	64.6	87.3	21 200										34.0
36.0	57.9	84.4	18 600*	59.1	84.9	20 900*	60.8	85.7	20 700	62.5	86.3	19 900										36.0
38.0	55.6	83.0	17 500*	56.9	83.7	19 200*	58.6	84.5	19 400	60.3	85.2	18 600										38.0
40.0	53.3	81.6	16 400*	54.6	82.3	17 700*	56.4	83.2	18 200	58.1	84.0	17 500	61.0	84.9	16 400							40.0
42.0	50.9	80.0	15 300*	52.2	80.8	16 400*	54.1	81.8	17 200	55.9	82.7	16 500	58.8	83.7	15 400							42.0
44.0	48.5	78.3	14 300*	49.8	79.2	15 200*	51.7	80.3	16 100	53.6	81.2	15 500	56.6	82.4	14 500							44.0
46.0	45.9	76.4	13 400*	47.3	77.4	14 100*	49.3	78.6	14 900*	51.2	79.7	14 600	54.3	81.0	13 600	57.1	81.9	12 600				46.0
48.0	43.2	74.4	12 600*	44.6	75.4	13 100*	46.7	76.8	13 800*	48.7	78.0	13 700	51.9	79.5	12 700	54.9	80.5	11 800				48.0
50.0	40.3	72.1	11 800*	41.9	73.2	12 200*	44.1	74.8	12 900*	46.2	76.1	12 900	49.5	77.8	11 900	52.5	79.1	11 100				50.0
52.0	37.3	69.6	11 000*	38.9	70.9	11 400*	41.3	72.6	12 000*	43.5	74.1	12 100	46.9	76.0	11 200	50.1	77.4	10 400				52.0
54.0	34.1	66.7	10 200*	35.8	68.2	10 600*	38.3	70.2	11 200*	40.7	71.8	11 400	44.3	74.0	10 500	47.6	75.7	9 700	50.6	76.7	9 000	54.0
56.0	30.5	63.5	9 600*	32.4	65.2	10 000*	35.1	67.4	10 500*	37.7	69.3	10 700	41.5	71.9	9 900	45.0	73.7	9 100	48.2	75.0	8 400	56.0
58.0	26.5	59.8	8 800*	28.7	61.8	9 300*	31.7	64.4	9 800*	34.4	66.5	10 100	38.6	69.4	9 400	42.2	71.6	8 600	45.6	73.1	7 900	58.0
60.0	21.9	55.3	7 800*	24.4	57.7	8 600*	27.9	60.8	9 200*	30.9	63.4	9 500	35.4	66.8	8 800	39.3	69.2	8 100	42.8	71.0	7 400	60.0
62.0	15.9	49.3	6 700*	19.3	52.6	7 500*	23.5	56.6	8 600*	27.0	59.7	9 000	32.0	63.7	8 300	36.2	66.6	7 600	40.0	68.7	6 900	62.0
64.0	5.4	38.3	5 000*	12.2	45.4	6 300*	18.1	51.2	7 600*	22.4	55.3	8 500	28.2	60.2	7 800	32.9	63.7	7 100	36.9	66.2	6 500	64.0
66.0										16.7	49.5	7 600*	23.8	56.0	7 400	29.2	60.3	6 700	33.6	63.3	6 100	66.0
68.0													18.5	50.8	6 900	25.0	56.3	6 300	30.0	60.0	5 700	68.0
70.0													11.0	43.0	6 500	20.1	51.4	5 900	26.0	56.2	5 400	70.0
72.0																13.4	44.6	5 600	21.2	51.5	5 000	72.0
74.0																			15.1	45.3	4 700	74.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A with
Boom No. 57
99 740 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speeds (all boom lengths)	
13 m/s with 21.3m thru 33.5m Luffing Jib	
11 m/s with 36.6m thru 42.7m Luffing Jib	
9 m/s with 45.7m thru 51.8m Luffing Jib	
7 m/s with 54.9m thru 67.1m Luffing Jib	
5 m/s with 70.1m and 73.2m Luffing Jib	

**15000
SERIES 3**

European
Standards

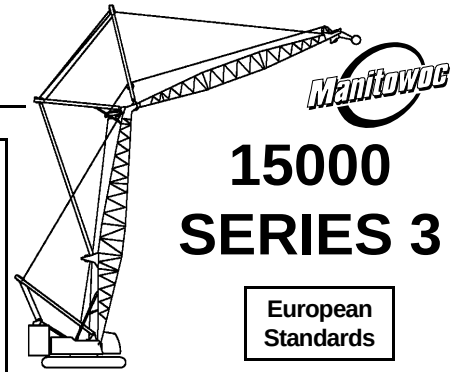
30.5m (100 Ft.) Boom, 64.0m (210 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Elev. m	Luffing Jib Capacity Kilograms	
19.8	75.4	94.8	19 800*																			19.8
20.0	75.2	94.7	19 800*																			20.0
22.0	73.3	94.2	19 500*																			22.0
24.0	71.5	93.5	19 300*	72.5	93.8	22 100*																24.0
26.0	69.6	92.8	19 000*	70.6	93.1	21 800*																26.0
28.0	67.6	92.0	18 800*	68.7	92.3	21 500*	70.2	92.7	21 000*													28.0
30.0	65.7	91.1	18 500*	66.7	91.5	21 300*	68.3	92.0	20 800*													30.0
32.0	63.7	90.1	18 300*	64.7	90.6	21 000*	66.3	91.1	20 600*	67.8	91.5	21 900*										32.0
34.0	61.7	89.1	18 000*	62.7	89.6	20 700*	64.3	90.2	20 400*	65.9	90.7	20 900										34.0
36.0	59.6	87.9	17 800*	60.7	88.5	19 800*	62.3	89.2	20 100	63.9	89.7	19 500										36.0
38.0	57.5	86.7	16 900*	58.6	87.3	18 700*	60.3	88.1	19 000	61.9	88.7	18 200										38.0
40.0	55.3	85.4	15 900*	56.5	86.0	17 500*	58.2	86.8	17 800	59.8	87.5	17 100	62.5	88.3	16 000							40.0
42.0	53.1	83.9	15 000*	54.3	84.6	16 100*	56.0	85.5	16 800	57.7	86.3	16 100	60.4	87.2	15 000							42.0
44.0	50.8	82.3	14 100*	52.1	83.1	14 900*	53.8	84.1	15 800	55.6	85.0	15 200	58.4	86.1	14 100							44.0
46.0	48.5	80.6	13 300*	49.7	81.4	13 900*	51.6	82.6	14 700*	53.4	83.5	14 300	56.2	84.7	13 300							46.0
48.0	46.0	78.7	12 400*	47.3	79.7	12 900*	49.3	80.9	13 600*	51.1	82.0	13 500	54.0	83.3	12 500	56.8	84.2	11 600				48.0
50.0	43.5	76.7	11 500*	44.8	77.7	12 000*	46.8	79.1	12 700*	48.7	80.3	12 700	51.8	81.8	11 800	54.6	82.8	10 900				50.0
52.0	40.8	74.4	10 800*	42.2	75.6	11 200*	44.3	77.1	11 800*	46.3	78.4	11 900	49.4	80.1	11 000	52.4	81.3	10 200				52.0
54.0	37.9	72.0	10 100*	39.5	73.2	10 400*	41.7	74.9	11 000*	43.8	76.4	11 200	47.0	78.3	10 300	50.1	79.7	9 500				54.0
56.0	34.9	69.2	9 400*	36.5	70.7	9 700*	38.9	72.5	10 300*	41.1	74.2	10 500	44.5	76.4	9 700	47.7	78.0	9 000	50.6	79.0	8 200	56.0
58.0	31.6	66.1	8 800*	33.4	67.7	9 100*	35.9	69.9	9 600*	38.3	71.7	9 900	41.9	74.2	9 100	45.2	76.0	8 400	48.2	77.3	7 600	58.0
60.0	28.0	62.6	8 200*	29.9	64.5	8 500*	32.7	66.9	9 000*	35.2	69.0	9 400	39.1	71.8	8 600	42.6	73.9	7 900	45.7	75.4	7 200	60.0
62.0	23.8	58.4	7 300*	26.1	60.6	7 900*	29.2	63.5	8 400*	32.0	66.0	8 800	36.1	69.2	8 100	39.8	71.6	7 400	43.2	73.3	6 700	62.0
64.0	18.8	53.2	6 300*	21.6	56.0	7 000*	25.2	59.6	7 800*	28.4	62.5	8 300*	33.0	66.3	7 600	36.9	69.1	6 900	40.4	71.1	6 300	64.0
66.0	11.8	45.7	5 100*	15.9	50.0	6 000*	20.5	54.8	7 100*	24.3	58.4	7 700*	29.5	62.9	7 200	33.8	66.2	6 500	37.6	68.6	5 900	66.0
68.0							14.5	48.3	6 000*	19.4	53.3	7 100*	25.5	59.0	6 800	30.4	63.0	6 100	34.5	65.8	5 500	68.0
70.0										12.8	46.2	6 100*	20.9	54.3	6 400	26.6	59.2	5 800	31.2	62.6	5 100	70.0
72.0													15.0	48.0	6 000	22.2	54.8	5 400	27.5	59.0	4 800	72.0
74.0																16.8	49.0	5 100	23.3	54.7	4 500	74.0
76.0																8.3	39.7	4 700	18.1	49.3	4 200	76.0

Liftcrane Luffing Jib Capacities

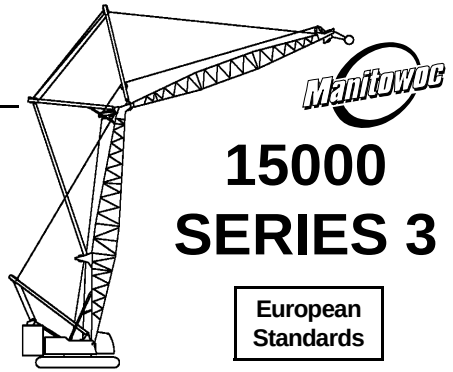
Luffing Jib No. 149A with
Boom No. 57
99 740 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speeds (all boom lengths)		
13 m/s with 21.3m thru 33.5m Luffing Jib		
11 m/s with 36.6m thru 42.7m Luffing Jib		
9 m/s with 45.7m thru 51.8m Luffing Jib		
7 m/s with 54.9m thru 67.1m Luffing Jib		
5 m/s with 70.1m and 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			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Elev. m	Luffing Jib Capacity Kilograms	
21.3	74.7	97.5	17 800*																21.3
22.0	74.1	97.3	17 700*																22.0
24.0	72.3	96.7	17 500*																24.0
26.0	70.5	96.0	17 200*	71.5	96.3	19 700*													26.0
28.0	68.7	95.3	16 900*	69.7	95.6	19 400*													28.0
30.0	66.8	94.4	16 700*	67.8	94.8	19 200*	69.3	95.3	18 700*										30.0
32.0	65.0	93.5	16 500*	66.0	93.9	18 900*	67.5	94.4	18 500*										32.0
34.0	63.1	92.5	16 200*	64.1	93.0	18 700*	65.6	93.6	18 300*	67.1	94.0	19 600*							34.0
36.0	61.1	91.5	16 000*	62.2	92.0	18 200*	63.7	92.6	18 100*	65.2	93.1	19 100							36.0
38.0	59.1	90.3	15 800*	60.2	90.8	17 100*	61.8	91.6	17 900*	63.3	92.1	17 800							38.0
40.0	57.1	89.0	15 400*	58.2	89.7	16 100*	59.8	90.4	17 100*	61.3	91.1	16 700							40.0
42.0	55.1	87.7	14 500*	56.2	88.3	15 100*	57.8	89.2	16 000*	59.4	89.9	15 700	61.9	90.7	14 600				42.0
44.0	52.9	86.2	13 700*	54.1	86.9	14 200*	55.7	87.9	15 100*	57.4	88.7	14 800	60.0	89.6	13 700				44.0
46.0	50.8	84.6	12 800*	51.9	85.4	13 300*	53.6	86.4	14 200*	55.3	87.3	13 900	57.9	88.4	12 900				46.0
48.0	48.5	82.9	12 000*	49.7	83.7	12 500*	51.5	84.9	13 300*	53.2	85.8	13 100	55.9	87.1	12 100				48.0
50.0	46.2	81.0	11 300*	47.4	82.0	11 700*	49.2	83.2	12 400*	51.0	84.3	12 400	53.8	85.6	11 400	56.4	86.6	10 500	50.0
52.0	43.7	79.0	10 500*	45.0	80.0	10 900*	46.9	81.4	11 500*	48.8	82.6	11 700	51.6	84.1	10 800	54.4	85.2	9 900	52.0
54.0	41.2	76.8	9 800*	42.6	77.9	10 100*	44.5	79.4	10 800*	46.4	80.7	11 000	49.4	82.4	10 100	52.2	83.7	9 300	54.0
56.0	38.5	74.4	9 100*	39.9	75.6	9 500*	42.0	77.3	10 000*	44.0	78.7	10 300	47.1	80.6	9 500	50.0	82.0	8 700	56.0
58.0	35.6	71.7	8 500*	37.2	73.1	8 800*	39.4	74.9	9 400*	41.5	76.5	9 700	44.7	78.7	8 900	47.7	80.3	8 100	58.0
60.0	32.6	68.7	8 000*	34.2	70.2	8 200*	36.6	72.3	8 700*	38.8	74.1	9 100	42.2	76.5	8 400	45.4	78.3	7 600	60.0
62.0	29.2	65.3	7 400*	31.0	67.1	7 700*	33.6	69.4	8 100*	36.0	71.5	8 600*	39.6	74.2	7 900	42.9	76.2	7 100	62.0
64.0	25.4	61.4	6 800*	27.5	63.5	7 200*	30.3	66.2	7 600*	32.9	68.5	8 000*	36.8	71.6	7 400	40.3	74.0	6 700	64.0
66.0	21.0	56.7	5 900*	23.5	59.2	6 500*	26.7	62.5	7 100*	29.6	65.2	7 500*	33.8	68.8	7 000	37.6	71.5	6 300	66.0
68.0	15.5	50.5	4 900*	18.6	53.9	5 600*	22.6	58.0	6 600*	25.9	61.3	7 000*	30.6	65.6	6 600	34.6	68.7	5 900	68.0
70.0	6.0	39.6	3 500*	12.0	46.5	4 600*	17.5	52.4	5 700*	21.6	56.7	6 500*	27.0	61.9	6 100	31.5	65.6	5 500	70.0
72.0										16.2	50.7	5 800*	22.9	57.5	5 800	28.0	62.0	5 200	72.0
74.0													17.9	52.0	5 400	24.0	57.9	4 800	74.0
76.0													10.9	44.1	5 100	19.3	52.7	4 500	76.0
78.0																13.1	45.7	4 200	78.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A with
Boom No. 57
99 740 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speeds (all boom lengths)	
13 m/s with 21.3m thru 33.5m Luffing Jib	
11 m/s with 36.6m thru 42.7m Luffing Jib	
9 m/s with 45.7m thru 51.8m Luffing Jib	
7 m/s with 54.9m thru 67.1m Luffing Jib	
5 m/s with 70.1m and 73.2m Luffing Jib	

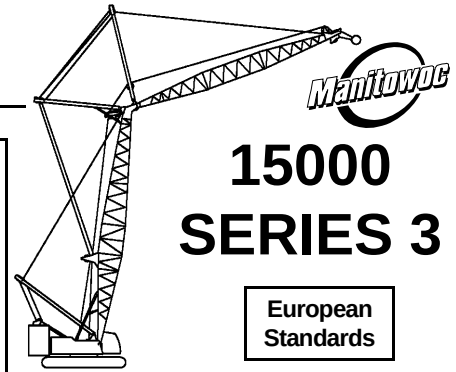
30.5m (100 Ft.) Boom, 70.1m (230 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib 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	16 600*													21.3
22.0	74.8	100.5	16 500*													22.0
24.0	73.1	99.9	16 300*													24.0
26.0	71.4	99.3	16 000*	72.3	99.5	18 400*										26.0
28.0	69.7	98.5	15 800*	70.6	98.8	18 300*										28.0
30.0	67.9	97.7	15 600*	68.8	98.1	18 000*										30.0
32.0	66.1	96.9	15 400*	67.1	97.3	17 800*	68.5	97.7	17 500*							32.0
34.0	64.3	95.9	15 200*	65.3	96.4	17 500*	66.7	96.9	17 400*							34.0
36.0	62.5	94.9	15 000*	63.5	95.4	17 400*	64.9	96.0	17 200*	66.3	96.4	18 500				36.0
38.0	60.6	93.8	14 800*	61.6	94.3	17 100*	63.1	95.0	17 000*	64.5	95.5	17 500				38.0
40.0	58.7	92.7	14 600*	59.7	93.2	16 700*	61.2	93.9	16 800	62.7	94.5	16 400				40.0
42.0	56.8	91.4	13 800*	57.8	92.0	15 700*	59.3	92.8	16 100	60.8	93.4	15 400				42.0
44.0	54.8	90.0	13 100*	55.9	90.7	14 400*	57.4	91.5	15 100	58.9	92.2	14 500	61.4	93.1	13 400	44.0
46.0	52.8	88.5	12 400*	53.9	89.2	13 400*	55.5	90.2	14 200*	57.0	91.0	13 600	59.5	92.0	12 600	46.0
48.0	50.7	86.9	11 800*	51.8	87.7	12 400*	53.4	88.7	13 200*	55.0	89.6	12 900	57.6	90.7	11 900	48.0
50.0	48.5	85.2	11 100*	49.7	86.1	11 500*	51.4	87.2	12 200*	53.0	88.2	12 100	55.6	89.4	11 200	50.0
52.0	46.3	83.3	10 300*	47.5	84.3	10 700*	49.2	85.5	11 300*	50.9	86.6	11 500	53.6	88.0	10 600	52.0
54.0	44.0	81.3	9 600*	45.2	82.3	10 000*	47.0	83.7	10 500*	48.8	84.9	10 800	51.5	86.4	10 000	54.0
56.0	41.5	79.1	8 900*	42.8	80.2	9 300*	44.7	81.7	9 800*	46.5	83.0	10 200	49.4	84.7	9 400	56.0
58.0	39.0	76.7	8 300*	40.4	78.0	8 600*	42.3	79.6	9 100*	44.2	81.0	9 500	47.2	82.9	8 800	58.0
60.0	36.3	74.1	7 800*	37.8	75.5	8 000*	39.8	77.3	8 500*	41.8	78.8	9 000	44.9	81.0	8 200	60.0
62.0	33.4	71.2	7 200*	35.0	72.7	7 500*	37.2	74.7	7 900*	39.3	76.5	8 400*	42.5	78.9	7 700	62.0
64.0	30.3	68.0	6 800*	32.0	69.7	7 000*	34.4	71.9	7 400*	36.6	73.9	7 800*	40.0	76.6	7 300	64.0
66.0	26.8	64.2	6 200*	28.7	66.2	6 500*	31.3	68.8	6 900*	33.8	71.0	7 300*	37.4	74.1	6 800	66.0
68.0	22.9	59.9	5 500*	25.1	62.2	6 000*	28.0	65.2	6 400*	30.7	67.8	6 800*	34.6	71.3	6 400	68.0
70.0	18.2	54.4	4 600*	20.8	57.4	5 300*	24.3	61.1	6 000*	27.2	64.2	6 300*	31.6	68.2	6 000	70.0
72.0	11.7	46.8	3 700*	15.5	51.2	4 400*	19.8	56.1	5 300*	23.4	59.9	5 900*	28.3	64.6	5 600	72.0
74.0							14.1	49.4	4 400*	18.8	54.6	5 400*	24.6	60.6	5 300	74.0
76.0										12.6	47.3	4 500*	20.2	55.6	5 000	76.0
78.0													14.7	49.1	4 600	78.0

Liftcrane Luffing Jib Capacities

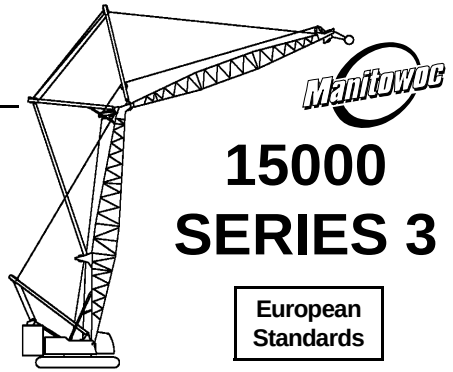
Luffing Jib No. 149A with
Boom No. 57
99 740 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speeds (all boom lengths)	
13 m/s with 21.3m thru 33.5m Luffing Jib	
11 m/s with 36.6m thru 42.7m Luffing Jib	
9 m/s with 45.7m thru 51.8m Luffing Jib	
7 m/s with 54.9m thru 67.1m Luffing Jib	
5 m/s with 70.1m and 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			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
22.9	74.8	103.4	14 900*													22.9
24.0	73.8	103.1	14 800*													24.0
26.0	72.2	102.5	14 500*	73.1	102.7	16 700*										26.0
28.0	70.6	101.8	14 400*	71.4	102.1	16 500*										28.0
30.0	68.9	101.0	14 100*	69.8	101.4	16 300*										30.0
32.0	67.2	100.2	13 900*	68.1	100.6	16 100*	69.4	101.0	15 800*							32.0
34.0	65.5	99.3	13 700*	66.4	99.7	15 900*	67.7	100.2	15 600*							34.0
36.0	63.7	98.4	13 500*	64.7	98.8	15 600*	66.0	99.3	15 500*							36.0
38.0	62.0	97.3	13 300*	62.9	97.8	15 400*	64.3	98.4	15 300*	65.7	98.9	16 500*				38.0
40.0	60.2	96.2	13 200*	61.1	96.7	15 200*	62.5	97.4	15 100*	63.9	97.9	16 000				40.0
42.0	58.3	95.0	13 000*	59.3	95.6	15 000*	60.8	96.3	15 000*	62.2	96.9	15 000				42.0
44.0	56.5	93.7	12 700*	57.5	94.3	14 200*	58.9	95.1	14 700	60.4	95.8	14 100				44.0
46.0	54.6	92.3	12 000*	55.6	93.0	13 100*	57.1	93.9	13 900	58.5	94.6	13 300	60.9	95.5	12 200	46.0
48.0	52.6	90.8	11 400*	53.7	91.6	12 100*	55.2	92.5	12 900*	56.7	93.3	12 500	59.1	94.3	11 500	48.0
50.0	50.6	89.2	10 800*	51.7	90.0	11 200*	53.3	91.1	11 900*	54.8	91.9	11 800	57.2	93.1	10 800	50.0
52.0	48.5	87.5	10 000*	49.6	88.3	10 400*	51.3	89.5	11 100*	52.8	90.5	11 100	55.3	91.7	10 200	52.0
54.0	46.4	85.7	9 300*	47.5	86.6	9 700*	49.2	87.8	10 300*	50.8	88.9	10 500	53.4	90.3	9 600	54.0
56.0	44.2	83.7	8 600*	45.4	84.7	9 000*	47.1	86.0	9 500*	48.8	87.2	9 900	51.4	88.7	9 000	56.0
58.0	41.9	81.5	8 000*	43.1	82.6	8 400*	44.9	84.0	8 900*	46.6	85.3	9 400	49.4	87.0	8 500	58.0
60.0	39.5	79.1	7 500*	40.8	80.3	7 800*	42.6	81.9	8 300*	44.4	83.3	8 800*	47.3	85.2	8 000	60.0
62.0	36.9	76.6	7 000*	38.3	77.9	7 200*	40.3	79.6	7 700*	42.1	81.2	8 100*	45.1	83.3	7 500	62.0
64.0	34.2	73.7	6 500*	35.7	75.2	6 700*	37.8	77.2	7 100*	39.7	78.9	7 500*	42.8	81.2	7 000	64.0
66.0	31.3	70.6	6 000*	32.9	72.2	6 200*	35.1	74.4	6 600*	37.2	76.3	7 000*	40.5	78.9	6 600	66.0
68.0	28.1	67.0	5 600*	29.8	68.9	5 800*	32.2	71.4	6 200*	34.5	73.5	6 500*	38.0	76.4	6 200	68.0
70.0	24.5	62.9	5 000*	26.5	65.1	5 400*	29.2	68.0	5 700*	31.6	70.4	6 100*	35.3	73.7	5 800	70.0
72.0	20.3	58.0	4 300*	22.6	60.7	4 800*	25.7	64.1	5 300*	28.5	66.9	5 600*	32.5	70.7	5 400	72.0
74.0	15.1	51.6	3 400*	18.1	55.2	4 000*	21.8	59.4	4 800*	24.9	62.9	5 200*	29.4	67.3	5 100	74.0
76.0	6.5	40.8	2 200*	11.9	47.5	3 200*	17.0	53.7	4 100*	20.8	58.1	4 800*	26.0	63.5	4 700	76.0
78.0										15.8	51.9	4 200*	22.1	58.9	4 400	78.0
80.0													17.4	53.3	4 100	80.0
82.0													10.8	45.1	3 800	82.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A with
Boom No. 57
99 740 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

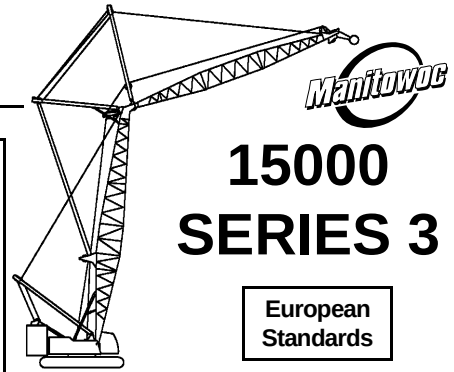
Maximum Operating Wind Speeds (all boom lengths)		
13 m/s with 21.3m thru 33.5m Luffing Jib		
11 m/s with 36.6m thru 42.7m Luffing Jib		
9 m/s with 45.7m thru 51.8m Luffing Jib		
7 m/s with 54.9m thru 67.1m Luffing Jib		
5 m/s with 70.1m and 73.2m Luffing Jib		

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	69 200*b																			12.2
14.0	61.2	54.4	62 400*b	64.8	55.0	66 300*b																14.0
16.0	54.8	53.1	55 200*b	58.6	53.9	59 400*b	64.0	54.7	59 400b													16.0
18.0	47.8	51.5	48 100*	52.0	52.4	53 700*	57.8	53.5	52 700	63.2	54.2	51 300b										18.0
20.0	39.9	49.3	43 200*	44.7	50.6	48 900*	51.1	52.0	47 500	56.9	53.0	46 000b										20.0
22.0	30.3	46.4	39 500*	36.2	48.1	43 800*	43.6	50.1	43 100	50.1	51.5	41 800	59.6	52.9	39 700b							22.0
24.0	16.0	41.4	31 200*	25.3	44.6	38 000*	35.0	47.5	39 300	42.6	49.5	38 200	53.0	51.5	36 200							24.0
26.0							23.6	43.8	35 400	33.6	46.8	34 600	45.9	49.7	32 900	55.6	51.1	31 300				26.0
28.0										21.6	42.8	31 400	37.6	47.4	29 900	48.7	49.5	28 400				28.0
30.0													27.3	44.1	27 400	40.9	47.4	26 000				30.0
32.0													8.8	37.5	25 100	31.6	44.6	23 900	43.7	47.0	22 700	32.0
34.0																			35.0	44.5	21 000	34.0
36.0																			23.7	40.8	19 400	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	67 100*b																			12.2
14.0	65.1	57.9	60 800*b	68.1	58.3	64 500*b																14.0
16.0	59.8	56.8	54 500*	62.9	57.4	58 000*b	67.5	58.0	58 200b													16.0
18.0	54.1	55.5	47 800*	57.4	56.2	52 500*	62.2	57.0	51 700													18.0
20.0	48.0	53.8	42 400*	51.6	54.7	47 900	56.7	55.8	46 600	61.5	56.6	45 100										20.0
22.0	41.1	51.7	38 500*	45.2	52.9	43 600	50.8	54.3	42 300	55.9	55.3	41 000										22.0
24.0	33.2	49.0	35 800*	38.0	50.6	39 300*	44.3	52.4	38 700	50.0	53.8	37 500	58.3	55.2	35 500							24.0
26.0	22.9	45.0	31 200*	29.3	47.4	35 500*	37.0	50.0	35 400	43.4	51.8	34 400	52.5	53.8	32 700							26.0
28.0							28.0	46.7	32 200	35.9	49.3	31 300	46.3	52.0	29 700	54.8	53.4	28 200				28.0
30.0							14.4	41.3	27 900	26.6	45.9	28 600	39.2	49.8	27 200	48.7	51.8	25 800				30.0
32.0										11.4	39.8	26 300	30.8	46.8	25 000	42.0	49.8	23 700	50.8	51.2	22 400	32.0
34.0													19.3	42.3	23 000	34.3	47.1	21 900	44.4	49.3	20 700	34.0
36.0																24.4	43.4	20 200	37.1	46.9	19 200	36.0
38.0																			28.1	43.7	17 800	38.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A with
Boom No. 57
99 740 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speeds (all boom lengths)		
13 m/s with 21.3m thru 33.5m Luffing Jib		
11 m/s with 36.6m thru 42.7m Luffing Jib		
9 m/s with 45.7m thru 51.8m Luffing Jib		
7 m/s with 54.9m thru 67.1m Luffing Jib		
5 m/s with 70.1m and 73.2m Luffing Jib		

**15000
SERIES 3**

European
Standards

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

Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
12.2	72.1	61.9	65 100*b																			12.2
14.0	68.0	61.2	59 200*b	70.7	61.6	62 800*b																14.0
16.0	63.4	60.3	53 600*	66.1	60.8	56 700*b																16.0
18.0	58.6	59.2	47 800*	61.5	59.8	51 500*	65.5	60.5	50 900													18.0
20.0	53.5	57.8	42 100*	56.5	58.5	47 000	60.8	59.4	45 800	64.9	60.0	44 400										20.0
22.0	48.1	56.1	37 900*	51.3	57.0	43 000	55.9	58.1	41 600	60.2	59.0	40 300										22.0
24.0	42.1	54.0	34 800*	45.7	55.2	39 100	50.6	56.6	38 100	55.2	57.7	36 800										24.0
26.0	35.3	51.5	32 400*	39.4	53.0	35 500*	44.9	54.7	35 100	49.9	56.1	33 900	57.3	57.5	32 100							26.0
28.0	27.0	48.0	29 600*	32.1	50.1	32 200*	38.5	52.4	32 200	44.1	54.2	31 200	52.2	56.1	29 600							28.0
30.0	14.8	42.6	23 800*	22.7	46.1	27 800*	31.0	49.5	29 400	37.6	51.8	28 500	46.6	54.3	27 100	54.2	55.7	25 600				30.0
32.0							21.2	45.2	27 000	29.9	48.7	26 300	40.4	52.1	24 900	48.8	54.1	23 500				32.0
34.0										19.5	44.2	24 200	33.3	49.4	23 000	42.9	52.1	21 700	50.7	53.5	20 500	34.0
36.0													24.4	45.6	21 300	36.2	49.6	20 100	44.9	51.7	19 000	36.0
38.0													9.2	38.7	19 800	28.1	46.3	18 700	38.6	49.3	17 700	38.0
40.0																			31.1	46.4	16 500	40.0
42.0																			21.3	42.2	15 400	42.0

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

Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
12.2	73.9	65.1	62 500*b																			12.2
14.0	70.3	64.5	57 500*b	72.7	64.8	60 800*b																14.0
16.0	66.3	63.7	52 200*	68.7	64.1	55 100*b																16.0
18.0	62.1	62.7	47 700*	64.5	63.2	50 200*	68.1	63.8	49 900													18.0
20.0	57.7	61.5	42 400*	60.3	62.1	46 000*	64.0	62.9	44 900	67.6	63.4	43 600										20.0
22.0	53.1	60.1	38 000*	55.8	60.8	42 200	59.7	61.8	40 800	63.4	62.4	39 500										22.0
24.0	48.2	58.4	34 600*	51.1	59.3	38 600	55.2	60.5	37 400	59.1	61.3	36 100										24.0
26.0	42.8	56.4	31 900*	46.0	57.5	35 300*	50.4	58.9	34 400	54.6	60.0	33 300	61.0	61.1	31 500							26.0
28.0	36.9	53.9	29 600*	40.4	55.3	32 200*	45.3	57.0	31 800	49.8	58.4	30 700	56.5	59.9	29 100							28.0
30.0	29.9	50.8	26 800*	34.1	52.6	29 300*	39.7	54.8	29 300	44.6	56.5	28 400	51.8	58.4	26 800							30.0
32.0	20.9	46.4	23 400*	26.5	49.1	26 200*	33.2	52.0	26 900	38.9	54.2	26 000	46.8	56.6	24 600	53.7	58.0	23 300				32.0
34.0							25.4	48.3	24 800	32.3	51.3	24 100	41.3	54.5	22 800	48.8	56.4	21 500				34.0
36.0							13.6	42.5	21 700	24.1	47.4	22 300	35.2	51.9	21 100	43.5	54.4	19 900	50.5	55.8	18 700	36.0
38.0										11.1	40.8	20 700	27.8	48.5	19 600	37.6	52.0	18 500	45.4	54.0	17 400	38.0
40.0													17.8	43.6	18 300	30.8	49.0	17 200	39.7	51.7	16 200	40.0
42.0																22.2	44.9	16 100	33.3	49.0	15 100	42.0
44.0																			25.4	45.3	14 100	44.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A with
Boom No. 57
99 740 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

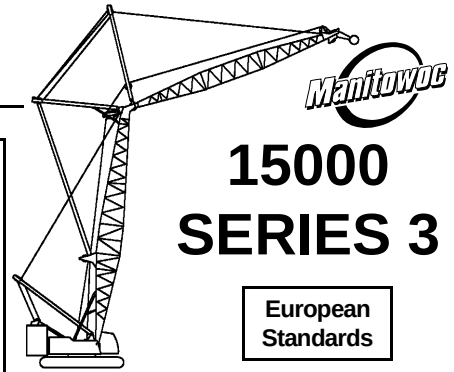
Maximum Operating Wind Speeds (all boom lengths)		
13 m/s with 21.3m thru 33.5m Luffing Jib		
11 m/s with 36.6m thru 42.7m Luffing Jib		
9 m/s with 45.7m thru 51.8m Luffing Jib		
7 m/s with 54.9m thru 67.1m Luffing Jib		
5 m/s with 70.1m and 73.2m Luffing Jib		

**15000
SERIES 3**

European
Standards

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	56 000*																			12.2
14.0	72.2	67.7	54 800*																			14.0
16.0	68.6	67.0	51 000*	70.7	67.4	53 600*																16.0
18.0	64.8	66.1	46 600*	67.0	66.6	49 000*																18.0
20.0	61.0	65.1	42 600*	63.2	65.6	45 000*	66.5	66.2	44 300													20.0
22.0	56.9	63.8	37 900*	59.3	64.5	41 500	62.7	65.3	40 300	66.0	65.8	39 000										22.0
24.0	52.7	62.4	34 400*	55.2	63.2	38 100	58.8	64.1	36 900	62.2	64.8	35 600										24.0
26.0	48.2	60.7	31 500*	50.9	61.6	35 100	54.7	62.8	33 900	58.2	63.7	32 800										26.0
28.0	43.4	58.7	29 100*	46.3	59.8	32 100*	50.3	61.2	31 400	54.1	62.3	30 400	59.9	63.5	28 700							28.0
30.0	38.1	56.3	26 400*	41.3	57.7	29 300*	45.7	59.3	29 200	49.7	60.7	28 200	55.9	62.2	26 600							30.0
32.0	32.1	53.4	23 900*	35.7	55.1	26 700*	40.6	57.2	26 900	45.0	58.8	26 000	51.6	60.7	24 600	57.4	61.8	23 200				32.0
34.0	24.7	49.6	21 900*	29.2	51.9	24 400*	34.9	54.5	24 800	39.9	56.5	24 000	47.0	58.9	22 700	53.3	60.4	21 400				34.0
36.0	14.0	43.7	18 600*	20.9	47.5	21 300*	28.3	51.2	23 000	34.1	53.8	22 300	42.1	56.8	21 100	48.8	58.7	19 800				36.0
38.0							19.6	46.5	21 200	27.3	50.4	20 700	36.6	54.3	19 600	44.0	56.7	18 400				38.0
40.0										18.1	45.4	19 300	30.3	51.2	18 300	38.8	54.4	17 200	45.7	56.3	16 100	40.0
42.0													22.4	47.1	17 100	32.9	51.6	16 000	40.6	54.1	15 100	42.0
44.0													9.4	39.7	15 900	25.7	47.9	15 000	35.0	51.5	14 100	44.0
46.0																			28.3	48.1	13 200	46.0
48.0																			19.7	43.5	12 400	48.0



Liftcrane Luffing Jib Capacities

**Luffing Jib No. 149A with
Boom No. 57
99 740 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating**

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

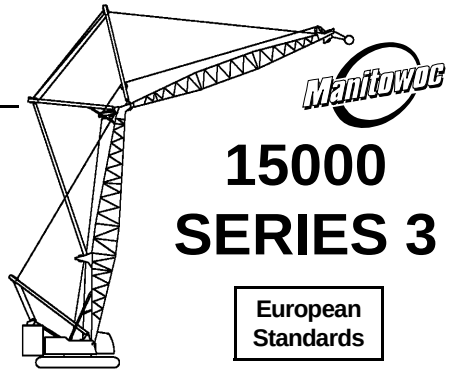
13 m/s with 21.3m thru 33.5m Luffing Jib
11 m/s with 36.6m thru 42.7m Luffing Jib
9 m/s with 45.7m thru 51.8m Luffing Jib
7 m/s with 54.9m thru 67.1m Luffing Jib
5 m/s with 70.1m and 73.2m Luffing Jib

**15000
SERIES 3**

**European
Standards**

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

Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
13.7	74.2	71.0	49 600*																			13.7
14.0	73.7	70.9	49 400*																			14.0
16.0	70.4	70.3	48 300*	72.4	70.6	51 900*																16.0
18.0	67.1	69.5	45 500*	69.0	69.9	47 700*																18.0
20.0	63.6	68.5	41 800*	65.6	69.0	43 900*	68.6	69.6	43 500													20.0
22.0	60.0	67.4	38 100*	62.1	68.0	40 600*	65.2	68.7	39 500													22.0
24.0	56.3	66.2	34 300*	58.5	66.8	37 500	61.7	67.7	36 200	64.7	68.2	35 000										24.0
26.0	52.4	64.7	31 400*	54.7	65.5	34 500	58.0	66.5	33 300	61.2	67.2	32 200										26.0
28.0	48.3	63.0	28 800*	50.7	63.9	31 800	54.2	65.1	30 800	57.5	66.0	29 800										28.0
30.0	43.9	61.0	26 000*	46.5	62.1	29 000*	50.2	63.5	28 600	53.7	64.6	27 600	59.1	65.8	26 000							30.0
32.0	39.1	58.7	23 600*	42.0	60.0	26 500*	46.0	61.7	26 700	49.6	63.0	25 800	55.3	64.5	24 300							32.0
34.0	33.8	55.9	21 500*	37.0	57.5	24 300*	41.4	59.5	24 700	45.4	61.1	23 800	51.4	63.0	22 400	56.8	64.1	21 100				34.0
36.0	27.5	52.5	19 900*	31.3	54.5	22 400*	36.3	57.0	22 900	40.7	58.9	22 100	47.2	61.2	20 800	52.9	62.7	19 600				36.0
38.0	19.4	47.7	18 100*	24.5	50.6	20 100*	30.5	53.9	21 300	35.6	56.3	20 500	42.7	59.2	19 300	48.8	61.0	18 200				38.0
40.0							23.4	49.8	19 800	29.6	53.1	19 200	37.8	56.8	18 000	44.5	59.1	16 900	50.2	60.4	15 800	40.0
42.0							13.1	43.6	17 000*	22.3	48.9	17 900	32.3	53.8	16 900	39.7	56.8	15 800	46.0	58.6	14 800	42.0
44.0										11.0	41.9	16 700	25.6	50.1	15 800	34.5	54.1	14 800	41.4	56.4	13 800	44.0
46.0													16.7	44.8	14 800	28.4	50.7	13 900	36.3	53.9	12 900	46.0
48.0																20.6	46.2	13 000	30.6	50.8	12 100	48.0
50.0																			23.5	46.8	11 400	50.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A with
Boom No. 57
99 740 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speeds (all boom lengths)	
13 m/s with 21.3m thru 33.5m Luffing Jib	
11 m/s with 36.6m thru 42.7m Luffing Jib	
9 m/s with 45.7m thru 51.8m Luffing Jib	
7 m/s with 54.9m thru 67.1m Luffing Jib	
5 m/s with 70.1m and 73.2m Luffing Jib	

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

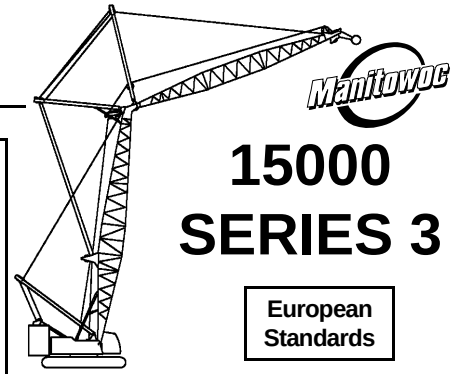
Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib 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	44 700*																			13.7
14.0	75.0	74.1	44 600*																			14.0
16.0	72.0	73.5	43 800*																			16.0
18.0	68.9	72.8	43 000*	70.7	73.1	46 400*																18.0
20.0	65.8	71.9	40 900*	67.6	72.3	42 900*	70.3	72.8	42 800													20.0
22.0	62.5	70.9	37 800*	64.4	71.4	39 700*	67.2	72.0	38 900													22.0
24.0	59.2	69.8	34 400*	61.2	70.4	36 800	64.0	71.1	35 600													24.0
26.0	55.8	68.5	31 300*	57.8	69.2	33 900	60.7	70.0	32 800	63.6	70.7	31 600										26.0
28.0	52.2	67.0	28 500*	54.3	67.8	31 400	57.3	68.8	30 300	60.3	69.6	29 200										28.0
30.0	48.4	65.3	25 800*	50.6	66.2	28 900*	53.8	67.4	28 200	56.9	68.3	27 200										30.0
32.0	44.3	63.3	23 400*	46.7	64.4	26 300*	50.1	65.8	26 300	53.3	66.9	25 300	58.3	68.2	23 800							32.0
34.0	40.0	61.1	21 300*	42.6	62.4	24 100*	46.2	64.0	24 500	49.6	65.3	23 700	54.8	66.8	22 200							34.0
36.0	35.2	58.4	19 600*	38.0	60.0	22 200*	42.0	61.9	22 700	45.6	63.4	21 900	51.2	65.3	20 600	56.2	66.4	19 300				36.0
38.0	29.7	55.2	18 100*	33.0	57.1	20 500*	37.4	59.4	21 100	41.4	61.3	20 400	47.3	63.5	19 200	52.6	65.0	18 000				38.0
40.0	23.0	51.1	16 800*	27.1	53.5	19 000*	32.3	56.5	19 700	36.8	58.7	19 000	43.2	61.5	17 900	48.8	63.3	16 700				40.0
42.0	13.5	44.8	14 600*	19.6	48.8	16 600*	26.2	52.8	18 400	31.5	55.7	17 800	38.8	59.2	16 700	44.8	61.4	15 600	50.1	62.7	14 600	42.0
44.0							18.4	47.8	16 700	25.3	52.0	16 700	33.8	56.4	15 600	40.5	59.2	14 600	46.2	60.9	13 600	44.0
46.0										17.1	46.6	15 600	28.1	53.0	14 700	35.8	56.6	13 700	42.0	58.8	12 800	46.0
48.0													21.0	48.5	13 800	30.4	53.4	12 900	37.4	56.3	12 000	48.0
50.0													9.5	40.8	12 900	23.9	49.5	12 100	32.3	53.4	11 300	50.0
52.0																			26.3	49.8	10 500	52.0
54.0																			18.5	44.8	9 900	54.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A with
Boom No. 57
99 740 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

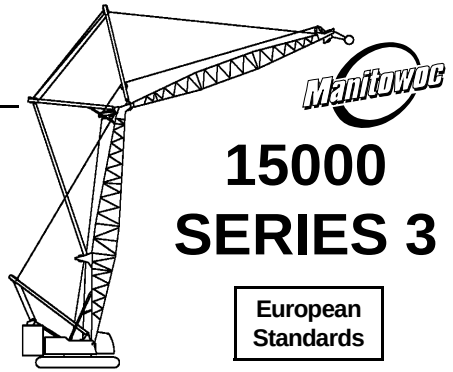
Maximum Operating Wind Speeds
(all boom lengths)

13 m/s with 21.3m thru 33.5m Luffing Jib
11 m/s with 36.6m thru 42.7m Luffing Jib
9 m/s with 45.7m thru 51.8m Luffing Jib
7 m/s with 54.9m thru 67.1m Luffing Jib
5 m/s with 70.1m and 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.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
15.2	74.4	76.9	39 900*																			15.2
16.0	73.3	76.7	39 600*																			16.0
18.0	70.5	76.0	39 000*	72.1	76.3	44 700*																18.0
20.0	67.6	75.2	38 300*	69.3	75.6	41 700*																20.0
22.0	64.7	74.3	36 800*	66.4	74.8	38 700*	68.9	75.3	38 200													22.0
24.0	61.6	73.3	33 500*	63.4	73.8	36 000*	66.0	74.5	34 900													24.0
26.0	58.5	72.1	30 600*	60.3	72.7	33 300	63.0	73.5	32 100	65.6	74.1	31 000										26.0
28.0	55.3	70.8	27 900*	57.2	71.5	30 800	59.9	72.4	29 700	62.6	73.1	28 700										28.0
30.0	51.9	69.3	25 400*	53.9	70.1	28 500	56.8	71.1	27 600	59.5	71.9	26 600										30.0
32.0	48.4	67.6	23 100*	50.5	68.5	26 000*	53.5	69.7	25 800	56.3	70.7	24 800	60.8	71.7	23 300							32.0
34.0	44.7	65.7	21 100*	46.9	66.7	23 900*	50.0	68.1	24 100	53.0	69.2	23 200	57.7	70.5	21 700							34.0
36.0	40.7	63.5	19 400*	43.0	64.7	21 900*	46.4	66.3	22 500	49.6	67.6	21 700	54.4	69.1	20 300							36.0
38.0	36.3	60.9	17 800*	38.9	62.3	20 300*	42.5	64.2	20 900	45.9	65.7	20 200	51.0	67.6	18 900	55.7	68.7	17 700				38.0
40.0	31.4	57.8	16 500*	34.3	59.6	18 800*	38.3	61.8	19 500	42.0	63.6	18 800	47.5	65.8	17 600	52.4	67.3	16 500				40.0
42.0	25.7	54.1	15 400*	29.2	56.3	17 500*	33.7	59.0	18 300	37.7	61.2	17 600	43.7	63.8	16 400	48.9	65.6	15 400				42.0
44.0	18.4	49.0	14 100*	22.9	52.1	15 700*	28.4	55.6	17 100	33.0	58.3	16 500	39.6	61.5	15 400	45.1	63.7	14 300	50.1	65.0	13 300	44.0
46.0							22.0	51.3	15 900*	27.6	54.8	15 500	35.1	58.9	14 400	41.2	61.5	13 400	46.4	63.2	12 500	46.0
48.0							12.7	44.7	13 400*	21.0	50.3	14 500	30.0	55.7	13 600	36.9	59.0	12 600	42.6	61.1	11 700	48.0
50.0										10.8	43.0	13 300	24.0	51.7	12 800	32.1	56.0	11 900	38.4	58.7	11 000	50.0
52.0													15.9	46.0	12 000	26.5	52.4	11 100	33.8	55.9	10 300	52.0
54.0																19.4	47.5	10 500	28.5	52.5	9 700	54.0
56.0																			22.1	48.2	9 100	56.0



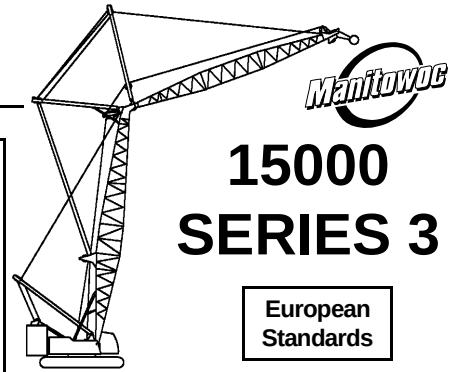
Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A with
Boom No. 57
99 740 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speeds (all boom lengths)	
13 m/s with 21.3m thru 33.5m Luffing Jib	
11 m/s with 36.6m thru 42.7m Luffing Jib	
9 m/s with 45.7m thru 51.8m Luffing Jib	
7 m/s with 54.9m thru 67.1m Luffing Jib	
5 m/s with 70.1m and 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	36 100*																			15.2
16.0	74.5	79.9	35 800*																			16.0
18.0	71.8	79.3	35 300*																			18.0
20.0	69.2	78.5	34 700*	70.7	78.9	40 500*																20.0
22.0	66.5	77.7	34 200*	68.1	78.1	37 700*																22.0
24.0	63.7	76.7	32 500*	65.3	77.2	35 200*	67.7	77.8	34 500													24.0
26.0	60.8	75.7	29 800*	62.5	76.2	32 900	65.0	76.9	31 700	67.3	77.4	30 600										26.0
28.0	57.9	74.5	27 400*	59.6	75.1	30 400	62.1	75.9	29 300	64.6	76.5	28 300										28.0
30.0	54.9	73.1	25 100*	56.7	73.8	28 300	59.3	74.7	27 300	61.8	75.4	26 300										30.0
32.0	51.7	71.6	23 000*	53.6	72.4	26 100	56.3	73.4	25 400	58.9	74.3	24 500	62.9	75.2	22 900							32.0
34.0	48.4	69.9	21 100*	50.4	70.8	23 900*	53.2	72.0	23 800	55.9	73.0	22 900	60.1	74.1	21 400							34.0
36.0	45.0	68.0	19 300*	47.0	69.0	22 000*	50.0	70.4	22 300	52.8	71.5	21 400	57.1	72.8	20 000							36.0
38.0	41.3	65.8	17 800*	43.5	67.0	20 300*	46.6	68.6	20 800	49.5	69.9	20 100	54.1	71.4	18 800							38.0
40.0	37.3	63.3	16 400*	39.6	64.7	18 800*	43.0	66.5	19 400	46.1	68.0	18 700	50.9	69.9	17 500	55.3	71.1	16 400				40.0
42.0	32.9	60.4	15 300*	35.5	62.1	17 500*	39.1	64.2	18 200	42.5	65.9	17 500	47.6	68.1	16 400	52.1	69.6	15 300				42.0
44.0	27.8	56.9	14 200*	30.8	59.0	16 300*	34.9	61.5	17 000	38.6	63.6	16 400	44.0	66.2	15 300	48.9	67.9	14 300				44.0
46.0	21.7	52.5	13 400*	25.4	55.1	15 100*	30.2	58.3	16 000	34.3	60.8	15 400	40.3	63.9	14 400	45.4	66.0	13 300	50.0	67.3	12 400	46.0
48.0	13.1	45.9	11 600*	18.6	50.1	13 100*	24.7	54.4	14 900	29.5	57.5	14 400	36.2	61.3	13 500	41.7	63.9	12 500	46.6	65.5	11 600	48.0
50.0							17.5	49.0	13 300*	23.8	53.5	13 600	31.6	58.3	12 700	37.8	61.4	11 800	43.0	63.5	10 900	50.0
52.0										16.3	47.8	12 800	26.4	54.6	11 900	33.4	58.6	11 100	39.2	61.1	10 200	52.0
54.0													19.8	49.8	11 200	28.5	55.2	10 400	35.0	58.4	9 600	54.0
56.0													9.6	41.9	10 600	22.6	50.9	9 800	30.2	55.2	9 000	56.0
58.0																			24.7	51.3	8 500	58.0
60.0																			17.6	46.0	8 000	60.0



Liftcrane Luffing Jib Capacities

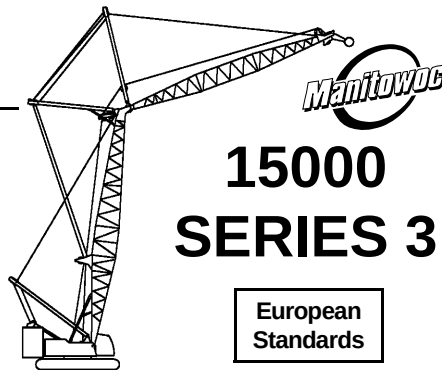
**Luffing Jib No. 149A with
Boom No. 57
99 740 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating**

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

13 m/s with 21.3m thru 33.5m Luffing Jib
11 m/s with 36.6m thru 42.7m Luffing Jib
9 m/s with 45.7m thru 51.8m Luffing Jib
7 m/s with 54.9m thru 67.1m Luffing Jib
5 m/s with 70.1m and 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.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
16.8	74.5	82.8	32 200*																			16.8
18.0	73.0	82.5	32 000*																			18.0
20.0	70.5	81.8	31 600*	72.0	82.1	36 600*																20.0
22.0	68.0	81.0	31 100*	69.5	81.4	36 100*																22.0
24.0	65.4	80.1	30 600*	67.0	80.6	34 300*	69.2	81.1	33 800													24.0
26.0	62.8	79.1	28 700*	64.4	79.7	32 100	66.6	80.3	31 100													26.0
28.0	60.1	78.0	26 500*	61.7	78.6	29 900	64.0	79.3	28 800	66.3	79.8	27 800										28.0
30.0	57.4	76.8	24 500*	59.0	77.4	27 800	61.4	78.3	26 700	63.7	78.9	25 700										30.0
32.0	54.5	75.4	22 500*	56.2	76.2	25 900	58.6	77.1	24 900	61.0	77.8	23 900										32.0
34.0	51.6	73.9	20 800*	53.3	74.7	23 600*	55.8	75.8	23 300	58.3	76.6	22 400	62.1	77.6	20 900							34.0
36.0	48.5	72.2	19 100*	50.3	73.1	21 700*	52.9	74.3	21 800	55.4	75.3	21 000	59.4	76.4	19 600							36.0
38.0	45.2	70.3	17 600*	47.1	71.3	20 000*	49.9	72.7	20 500	52.5	73.8	19 700	56.6	75.2	18 400							38.0
40.0	41.8	68.1	16 300*	43.8	69.3	18 600*	46.7	70.9	19 300	49.5	72.2	18 500	53.8	73.8	17 200							40.0
42.0	38.1	65.7	15 100*	40.3	67.1	17 200*	43.4	68.9	18 000	46.3	70.3	17 300	50.8	72.2	16 100	54.9	73.4	15 000				42.0
44.0	34.1	62.9	14 100*	36.5	64.5	16 000*	39.8	66.6	16 800	42.9	68.3	16 200	47.7	70.4	15 100	51.9	71.9	14 000				44.0
46.0	29.5	59.6	13 200*	32.2	61.5	15 000*	35.9	64.0	15 800	39.3	65.9	15 100	44.4	68.5	14 100	48.9	70.2	13 100				46.0
48.0	24.3	55.6	12 400*	27.5	58.0	13 900*	31.7	60.9	14 800*	35.4	63.3	14 300	40.9	66.3	13 200	45.6	68.3	12 300	49.9	69.6	11 300	48.0
50.0	17.5	50.2	11 300*	21.7	53.5	12 600*	26.8	57.3	13 800*	31.1	60.2	13 400	37.1	63.7	12 400	42.2	66.2	11 500	46.8	67.8	10 600	50.0
52.0							20.9	52.6	12 700*	26.1	56.4	12 600	32.9	60.8	11 700	38.6	63.8	10 800	43.4	65.8	10 000	52.0
54.0							12.4	45.7	10 700*	19.9	51.6	11 900	28.3	57.4	11 000	34.6	61.1	10 200	39.8	63.5	9 400	54.0
56.0										10.8	44.1	10 700	22.7	53.1	10 400	30.1	57.9	9 600	36.0	60.9	8 800	56.0
58.0													15.3	47.2	9 800	25.0	54.0	9 000	31.7	57.8	8 300	58.0
60.0																18.5	48.8	8 500	26.8	54.2	7 800	60.0
62.0																			20.9	49.6	7 300	62.0
64.0																			12.5	42.7	6 900	64.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A with
Boom No. 57
99 740 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speeds (all boom lengths)	
13 m/s with 21.3m thru 33.5m Luffing Jib	
11 m/s with 36.6m thru 42.7m Luffing Jib	
9 m/s with 45.7m thru 51.8m Luffing Jib	
7 m/s with 54.9m thru 67.1m Luffing Jib	
5 m/s with 70.1m and 73.2m Luffing Jib	

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

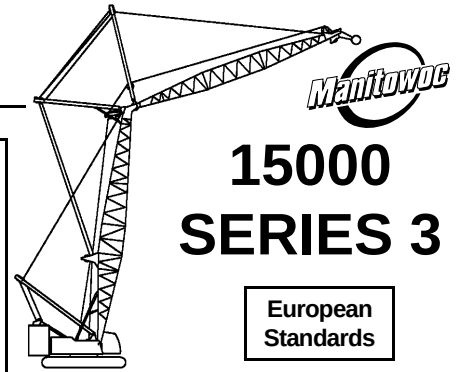
Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib 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	29 100*																			16.8
18.0	74.0	85.7	29 000*																			18.0
20.0	71.7	85.0	28 700*	73.1	85.3	32 900*																20.0
22.0	69.4	84.3	28 300*	70.7	84.6	32 700*																22.0
24.0	67.0	83.5	27 900*	68.4	83.9	32 600*																24.0
26.0	64.6	82.6	27 500*	66.0	83.0	31 300*	68.1	83.6	30 700													26.0
28.0	62.1	81.5	25 500*	63.5	82.1	29 400	65.7	82.7	28 300													28.0
30.0	59.5	80.4	23 700*	61.0	81.0	27 300	63.2	81.7	26 300	65.3	82.3	25 300										30.0
32.0	56.9	79.1	22 000*	58.4	79.8	25 400	60.7	80.6	24 500	62.9	81.3	23 500										32.0
34.0	54.2	77.7	20 400*	55.8	78.5	23 400*	58.1	79.4	22 900	60.3	80.2	22 000										34.0
36.0	51.4	76.2	18 900*	53.1	77.0	21 500*	55.4	78.1	21 400	57.7	79.0	20 600	61.4	80.0	19 200							36.0
38.0	48.5	74.5	17 400*	50.2	75.4	19 800*	52.7	76.6	20 100	55.1	77.6	19 300	58.8	78.8	18 000							38.0
40.0	45.5	72.6	16 200*	47.3	73.6	18 300*	49.8	75.0	19 000	52.3	76.1	18 200	56.2	77.5	16 900							40.0
42.0	42.2	70.5	15 000*	44.1	71.7	17 000*	46.9	73.2	17 800	49.5	74.5	17 100	53.5	76.1	15 900							42.0
44.0	38.8	68.1	14 000*	40.8	69.4	15 800*	43.7	71.2	16 700	46.5	72.6	16 000	50.7	74.5	14 900	54.5	75.7	13 800				44.0
46.0	35.1	65.4	13 100*	37.3	66.9	14 700*	40.4	68.9	15 600	43.3	70.6	15 000	47.7	72.7	13 900	51.8	74.2	12 900				46.0
48.0	31.0	62.3	12 200*	33.4	64.1	13 700*	36.8	66.4	14 600*	39.9	68.3	14 100	44.6	70.8	13 100	48.9	72.5	12 100				48.0
50.0	26.3	58.5	11 600*	29.1	60.7	12 900*	32.9	63.5	13 600*	36.3	65.7	13 200	41.4	68.6	12 300	45.9	70.6	11 300	49.9	71.9	10 400	50.0
52.0	20.7	53.8	10 800*	24.1	56.7	11 900*	28.5	60.0	12 800*	32.4	62.7	12 400	37.9	66.2	11 500	42.7	68.6	10 600	46.9	70.1	9 800	52.0
54.0	12.8	47.0	9 100*	17.8	51.3	10 400*	23.4	55.9	11 900*	27.9	59.2	11 700	34.1	63.4	10 900	39.3	66.2	10 000	43.8	68.1	9 200	54.0
56.0							16.8	50.3	10 500*	22.6	54.9	11 100	29.8	60.1	10 200	35.6	63.5	9 400	40.4	65.9	8 600	56.0
58.0										15.7	49.0	10 400	25.0	56.2	9 700	31.5	60.5	8 900	36.9	63.3	8 100	58.0
60.0													18.9	51.1	9 100	26.9	56.8	8 300	32.9	60.4	7 600	60.0
62.0													9.7	43.0	8 600	21.4	52.3	7 900	28.6	57.0	7 100	62.0
64.0																14.0	45.9	7 400	23.4	52.8	6 700	64.0
66.0																			16.9	47.2	6 300	66.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A with
Boom No. 57
99 740 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

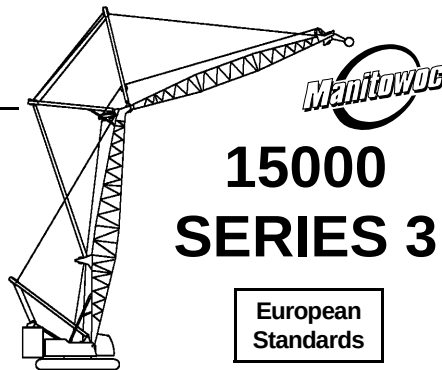
Maximum Operating Wind Speeds
(all boom lengths)

13 m/s with 21.3m thru 33.5m Luffing Jib
11 m/s with 36.6m thru 42.7m Luffing Jib
9 m/s with 45.7m thru 51.8m Luffing Jib
7 m/s with 54.9m thru 67.1m Luffing Jib
5 m/s with 70.1m and 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.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
18.3	74.6	88.7	26 100*																			18.3
20.0	72.8	88.2	25 900*																			20.0
22.0	70.6	87.5	25 700*	71.9	87.9	29 500*																22.0
24.0	68.3	86.8	25 400*	69.6	87.2	29 300*																24.0
26.0	66.1	85.9	25 100*	67.4	86.3	29 100*	69.4	86.8	28 300*													26.0
28.0	63.7	85.0	24 500*	65.1	85.4	28 300*	67.1	86.0	27 900													28.0
30.0	61.4	83.9	22 900*	62.8	84.4	26 600*	64.8	85.1	25 800	66.8	85.6	24 800										30.0
32.0	59.0	82.7	21 400*	60.4	83.3	24 900	62.5	84.1	24 000	64.5	84.7	23 000										32.0
34.0	56.5	81.5	19 900*	57.9	82.1	23 200*	60.1	83.0	22 400	62.1	83.7	21 500										34.0
36.0	53.9	80.1	18 500*	55.4	80.8	21 200*	57.6	81.8	21 000	59.7	82.6	20 100										36.0
38.0	51.3	78.5	17 200*	52.8	79.3	19 600*	55.1	80.4	19 700	57.3	81.3	18 900	60.8	82.3	17 500							38.0
40.0	48.5	76.8	16 000*	50.2	77.7	18 100*	52.5	78.9	18 500	54.8	79.9	17 800	58.3	81.2	16 400							40.0
42.0	45.7	74.9	14 900*	47.4	75.9	16 700*	49.8	77.3	17 500	52.1	78.4	16 700	55.8	79.8	15 500							42.0
44.0	42.6	72.8	13 900*	44.4	74.0	15 500*	47.0	75.5	16 400	49.4	76.8	15 700	53.2	78.4	14 600							44.0
46.0	39.4	70.5	12 900*	41.3	71.8	14 500*	44.0	73.5	15 400*	46.6	74.9	14 700	50.6	76.8	13 700	54.3	78.0	12 600				46.0
48.0	36.0	67.9	12 100*	38.0	69.3	13 500*	40.9	71.3	14 300*	43.6	72.9	13 900	47.8	75.0	12 800	51.6	76.5	11 800				48.0
50.0	32.2	64.9	11 400*	34.5	66.6	12 600*	37.6	68.8	13 400*	40.5	70.7	13 000	44.9	73.1	12 000	48.9	74.8	11 100				50.0
52.0	28.0	61.4	10 700*	30.5	63.4	11 800*	34.0	66.0	12 500*	37.1	68.2	12 300	41.8	71.0	11 300	46.0	72.9	10 400	49.8	74.2	9 500	52.0
54.0	23.1	57.1	10 100*	26.1	59.6	11 000*	30.0	62.7	11 700*	33.5	65.3	11 500	38.6	68.6	10 600	43.0	70.9	9 700	47.0	72.4	8 900	54.0
56.0	16.9	51.5	8 800*	20.7	54.9	9 800*	25.4	58.9	10 900*	29.4	62.0	10 900	35.0	65.8	10 000	39.8	68.6	9 200	44.1	70.4	8 400	56.0
58.0							19.9	54.0	10 000*	24.8	58.0	10 300	31.2	62.7	9 500	36.4	66.0	8 600	40.9	68.2	7 800	58.0
60.0							12.2	46.8	8 400*	19.1	52.9	9 700	26.8	59.1	8 900	32.7	63.0	8 100	37.6	65.7	7 300	60.0
62.0										10.7	45.2	8 600*	21.6	54.5	8 400	28.6	59.6	7 600	34.0	62.9	6 900	62.0
64.0													14.8	48.3	7 900	23.8	55.5	7 200	30.0	59.7	6 500	64.0
66.0																17.7	50.1	6 700	25.5	55.8	6 100	66.0
68.0																			20.0	50.9	5 700	68.0
70.0																			12.3	43.8	5 300	70.0



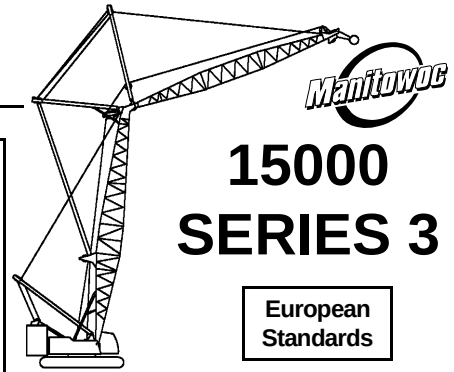
Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A with
Boom No. 57
99 740 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speeds (all boom lengths)	
13 m/s with 21.3m thru 33.5m Luffing Jib	
11 m/s with 36.6m thru 42.7m Luffing Jib	
9 m/s with 45.7m thru 51.8m Luffing Jib	
7 m/s with 54.9m thru 67.1m Luffing Jib	
5 m/s with 70.1m and 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.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
18.3	75.5	91.9	23 400*																			18.3
20.0	73.7	91.4	23 200*																			20.0
22.0	71.6	90.8	23 000*	72.8	91.1	26 300*																22.0
24.0	69.5	90.1	22 800*	70.8	90.4	26 100*																24.0
26.0	67.4	89.2	22 500*	68.6	89.6	25 900*	70.5	90.1	25 200*													26.0
28.0	65.2	88.3	22 300*	66.5	88.8	25 700*	68.4	89.3	25 100*													28.0
30.0	63.0	87.4	21 900*	64.3	87.9	25 300*	66.2	88.5	25 000*													30.0
32.0	60.8	86.3	20 800*	62.1	86.8	24 000*	64.0	87.5	23 600	65.9	88.1	22 700										32.0
34.0	58.5	85.1	19 500*	59.8	85.7	22 700*	61.8	86.5	22 100	63.7	87.1	21 200										34.0
36.0	56.1	83.8	18 200*	57.5	84.5	21 300*	59.5	85.4	20 700	61.5	86.1	19 800										36.0
38.0	53.7	82.4	17 000*	55.1	83.1	19 600*	57.2	84.1	19 400	59.2	84.9	18 600										38.0
40.0	51.2	80.8	15 800*	52.6	81.6	18 100*	54.8	82.7	18 300	56.9	83.6	17 500	60.2	84.7	16 200							40.0
42.0	48.6	79.1	14 800*	50.1	80.0	16 700*	52.3	81.2	17 200	54.5	82.2	16 400	57.9	83.5	15 200							42.0
44.0	45.8	77.2	13 800*	47.4	78.2	15 500*	49.8	79.6	16 200	52.0	80.7	15 500	55.5	82.2	14 300							44.0
46.0	43.0	75.2	12 900*	44.7	76.3	14 500*	47.1	77.8	15 300	49.4	79.1	14 700	53.0	80.7	13 500	56.4	81.7	12 500				46.0
48.0	40.0	72.8	12 100*	41.8	74.1	13 500*	44.3	75.8	14 300*	46.7	77.2	13 700	50.5	79.1	12 700	54.0	80.3	11 700				48.0
50.0	36.8	70.3	11 400*	38.7	71.7	12 600*	41.4	73.6	13 300*	43.9	75.2	12 900	47.9	77.3	11 900	51.5	78.8	10 900				50.0
52.0	33.3	67.4	10 700*	35.4	69.1	11 700*	38.3	71.2	12 400*	41.0	73.0	12 100	45.1	75.4	11 200	48.9	77.1	10 300	52.3	78.2	9 400	52.0
54.0	29.5	64.1	10 100*	31.7	66.0	11 000*	34.9	68.5	11 600*	37.8	70.6	11 400	42.2	73.3	10 500	46.2	75.2	9 600	49.8	76.5	8 800	54.0
56.0	25.1	60.1	9 500*	27.7	62.4	10 300*	31.3	65.4	10 900*	34.4	67.8	10 800	39.2	70.9	9 900	43.4	73.2	9 000	47.1	74.7	8 200	56.0
58.0	19.8	55.2	8 500*	23.0	58.1	9 400*	27.1	61.7	10 200*	30.7	64.6	10 200	35.9	68.3	9 300	40.4	70.9	8 500	44.3	72.7	7 700	58.0
60.0	12.5	48.1	7 100*	17.1	52.5	8 200*	22.3	57.3	9 500*	26.5	60.9	9 600	32.3	65.3	8 800	37.2	68.4	8 000	41.4	70.6	7 200	60.0
62.0							16.2	51.5	8 300*	21.6	56.3	9 100	28.4	61.8	8 300	33.7	65.6	7 500	38.3	68.1	6 800	62.0
64.0							5.2	40.5	6 600*	15.2	50.2	8 400	23.8	57.7	7 800	30.0	62.3	7 100	34.9	65.4	6 300	64.0
66.0													18.2	52.4	7 400	25.7	58.4	6 700	31.3	62.3	6 000	66.0
68.0													9.7	44.1	6 900	20.5	53.7	6 300	27.2	58.7	5 600	68.0
70.0																13.6	47.0	5 900	22.4	54.2	5 200	70.0
72.0																			16.3	48.4	4 900	72.0



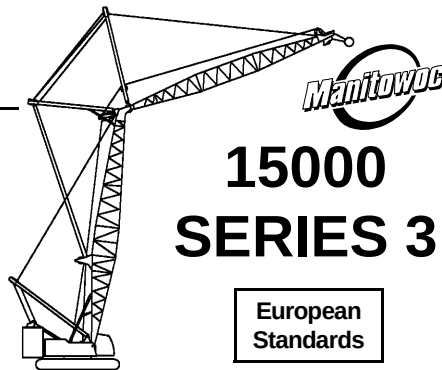
Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A with
Boom No. 57
99 740 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speeds (all boom lengths)		
13 m/s with 21.3m thru 33.5m Luffing Jib		
11 m/s with 36.6m thru 42.7m Luffing Jib		
9 m/s with 45.7m thru 51.8m Luffing Jib		
7 m/s with 54.9m thru 67.1m Luffing Jib		
5 m/s with 70.1m and 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.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
19.8	74.7	94.6	21 100*																			19.8
20.0	74.5	94.6	21 100*																			20.0
22.0	72.6	94.0	20 800*																			22.0
24.0	70.6	93.3	20 600*	71.8	93.6	23 600*																24.0
26.0	68.6	92.5	20 400*	69.8	92.9	23 400*																26.0
28.0	66.5	91.7	20 100*	67.7	92.1	23 200*	69.5	92.6	22 600*													28.0
30.0	64.5	90.8	19 900*	65.7	91.2	22 900*	67.5	91.8	22 400*													30.0
32.0	62.4	89.8	19 700*	63.6	90.3	22 700*	65.4	90.9	22 300*	67.2	91.4	22 200										32.0
34.0	60.2	88.7	18 800*	61.5	89.2	21 700*	63.3	89.9	21 700	65.1	90.5	20 700										34.0
36.0	58.0	87.4	17 600*	59.3	88.1	20 500*	61.2	88.9	20 200	63.0	89.5	19 400										36.0
38.0	55.8	86.1	16 600*	57.1	86.8	19 300*	59.0	87.7	19 000	60.9	88.4	18 200										38.0
40.0	53.4	84.7	15 500*	54.8	85.4	17 800*	56.8	86.4	17 800	58.7	87.2	17 000	61.8	88.2	15 800							40.0
42.0	51.1	83.1	14 600*	52.5	83.9	16 500*	54.5	85.1	16 800	56.5	86.0	16 000	59.6	87.1	14 800							42.0
44.0	48.6	81.4	13 600*	50.0	82.3	15 300*	52.2	83.5	15 800	54.2	84.6	15 100	57.4	85.8	13 900							44.0
46.0	46.0	79.5	12 800*	47.5	80.6	14 200*	49.7	81.9	14 900	51.8	83.0	14 300	55.2	84.5	13 100							46.0
48.0	43.3	77.5	12 000*	44.9	78.6	13 200*	47.2	80.1	14 100*	49.4	81.4	13 500	52.8	83.0	12 400	56.0	84.1	11 300				48.0
50.0	40.5	75.2	11 300*	42.2	76.5	12 300*	44.6	78.1	13 100*	46.8	79.6	12 700	50.4	81.4	11 700	53.7	82.7	10 700				50.0
52.0	37.5	72.7	10 600*	39.3	74.1	11 500*	41.8	76.0	12 200*	44.2	77.6	11 900	47.9	79.7	11 000	51.4	81.1	10 000				52.0
54.0	34.2	69.9	10 000*	36.2	71.5	10 700*	38.9	73.6	11 400*	41.4	75.4	11 200	45.3	77.7	10 300	48.9	79.4	9 400	52.2	80.5	8 500	54.0
56.0	30.7	66.7	9 400*	32.8	68.5	10 000*	35.7	70.9	10 600*	38.5	72.9	10 600	42.6	75.6	9 700	46.3	77.6	8 800	49.7	78.8	7 900	56.0
58.0	26.7	63.0	9 000*	29.1	65.2	9 400*	32.3	67.9	9 900*	35.3	70.2	9 900	39.7	73.3	9 100	43.7	75.5	8 300	47.2	77.0	7 500	58.0
60.0	22.1	58.5	8 000*	24.9	61.2	8 700*	28.6	64.5	9 300*	31.9	67.2	9 400	36.7	70.7	8 600	40.8	73.3	7 700	44.6	75.1	7 000	60.0
62.0	16.3	52.7	6 800*	19.9	56.2	7 700*	24.3	60.4	8 700*	28.1	63.7	8 900	33.3	67.8	8 100	37.9	70.8	7 300	41.8	72.9	6 500	62.0
64.0	6.4	42.4	5 300*	13.1	49.3	6 500*	19.2	55.3	7 800*	23.7	59.5	8 300	29.7	64.5	7 600	34.6	68.1	6 800	38.9	70.5	6 100	64.0
66.0							12.0	47.9	6 600*	18.4	54.2	7 800	25.6	60.7	7 200	31.2	64.9	6 400	35.8	67.9	5 700	66.0
68.0										10.6	46.2	6 700*	20.8	55.9	6 700	27.3	61.3	6 000	32.4	64.9	5 400	68.0
70.0													14.4	49.4	6 300	22.7	56.9	5 600	28.6	61.4	5 000	70.0
72.0																17.1	51.3	5 300	24.4	57.3	4 700	72.0
74.0																			19.2	52.2	4 400	74.0
76.0																			12.1	44.9	4 100	76.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A with
Boom No. 57
99 740 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speeds (all boom lengths)	
13 m/s with 21.3m thru 33.5m Luffing Jib	
11 m/s with 36.6m thru 42.7m Luffing Jib	
9 m/s with 45.7m thru 51.8m Luffing Jib	
7 m/s with 54.9m thru 67.1m Luffing Jib	
5 m/s with 70.1m and 73.2m Luffing Jib	

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

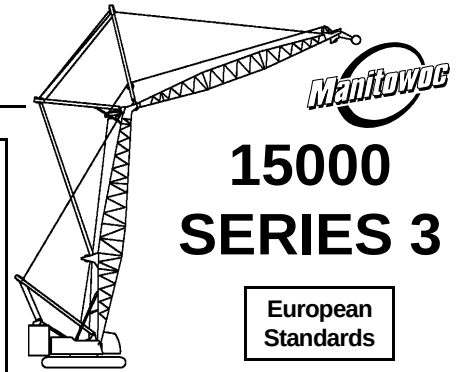
Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Elev. m	Luffing Jib Capacity Kilograms	
19.8	75.5	97.8	19 200*																19.8
20.0	75.3	97.7	19 200*																20.0
22.0	73.4	97.2	18 900*																22.0
24.0	71.6	96.5	18 700*	72.7	96.8	21 400*													24.0
26.0	69.7	95.8	18 400*	70.8	96.2	21 200*													26.0
28.0	67.7	95.0	18 200*	68.9	95.4	20 900*													28.0
30.0	65.8	94.2	18 000*	66.9	94.6	20 700*	68.6	95.1	20 200*										30.0
32.0	63.8	93.2	17 800*	65.0	93.7	20 500*	66.7	94.3	20 100*										32.0
34.0	61.8	92.2	17 500*	63.0	92.7	20 300*	64.7	93.3	19 900*	66.4	93.8	20 300							34.0
36.0	59.7	91.0	17 100*	60.9	91.6	19 700*	62.7	92.3	19 600	64.4	92.9	19 000							36.0
38.0	57.6	89.8	16 100*	58.8	90.4	18 600*	60.7	91.2	18 600	62.4	91.9	17 800							38.0
40.0	55.5	88.4	15 100*	56.7	89.1	17 600*	58.6	90.1	17 500	60.4	90.8	16 700							40.0
42.0	53.2	87.0	14 200*	54.5	87.8	16 300*	56.4	88.8	16 400	58.3	89.6	15 700	61.2	90.6	14 400				42.0
44.0	51.0	85.4	13 400*	52.3	86.2	15 000*	54.3	87.4	15 500	56.1	88.3	14 800	59.2	89.4	13 600				44.0
46.0	48.6	83.7	12 600*	50.0	84.6	14 000*	52.0	85.8	14 600	54.0	86.9	13 900	57.1	88.2	12 800				46.0
48.0	46.2	81.8	11 800*	47.6	82.8	13 000*	49.7	84.2	13 800	51.7	85.3	13 100	54.9	86.8	12 100				48.0
50.0	43.6	79.8	11 100*	45.1	80.9	12 100*	47.3	82.4	12 800*	49.4	83.7	12 400	52.7	85.3	11 400	55.7	86.4	10 300	50.0
52.0	40.9	77.6	10 500*	42.5	78.8	11 300*	44.8	80.4	12 000*	46.9	81.9	11 700	50.4	83.7	10 700	53.5	85.0	9 700	52.0
54.0	38.1	75.1	9 900*	39.8	76.5	10 500*	42.2	78.3	11 200*	44.4	79.9	11 000	48.0	81.9	10 100	51.2	83.4	9 200	54.0
56.0	35.1	72.4	9 400*	36.9	73.9	9 800*	39.4	76.0	10 400*	41.8	77.7	10 400	45.5	80.0	9 500	48.9	81.7	8 600	56.0
58.0	31.8	69.3	8 800*	33.7	71.1	9 200*	36.5	73.4	9 700*	39.0	75.3	9 800	42.9	78.0	8 900	46.5	79.9	8 000	58.0
60.0	28.2	65.8	8 200*	30.3	67.8	8 500*	33.3	70.5	9 100*	36.0	72.7	9 200	40.2	75.7	8 400	43.9	77.8	7 600	60.0
62.0	24.0	61.6	7 500*	26.5	64.1	8 000*	29.8	67.2	8 500*	32.9	69.7	8 700	37.3	73.2	7 900	41.3	75.6	7 100	62.0
64.0	19.1	56.5	6 500*	22.1	59.6	7 200*	26.0	63.3	7 900*	29.4	66.4	8 200	34.2	70.3	7 400	38.4	73.2	6 700	64.0
66.0	12.3	49.2	5 300*	16.6	53.7	6 200*	21.5	58.7	7 300*	25.4	62.5	7 700	30.9	67.2	7 000	35.4	70.5	6 200	66.0
68.0							15.7	52.6	6 400*	20.8	57.7	7 300	27.1	63.5	6 600	32.2	67.5	5 900	68.0
70.0							5.9	41.8	4 900*	14.8	51.3	6 500	22.8	59.1	6 200	28.6	64.0	5 500	70.0
72.0													17.6	53.6	5 800	24.6	60.0	5 100	72.0
74.0													9.8	45.2	5 400	19.8	55.0	4 800	74.0
76.0																13.3	48.1	4 500	76.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A with
Boom No. 57
99 740 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speeds
(all boom lengths)

13 m/s with 21.3m thru 33.5m Luffing Jib
11 m/s with 36.6m thru 42.7m Luffing Jib
9 m/s with 45.7m thru 51.8m Luffing Jib
7 m/s with 54.9m thru 67.1m Luffing Jib
5 m/s with 70.1m and 73.2m Luffing Jib

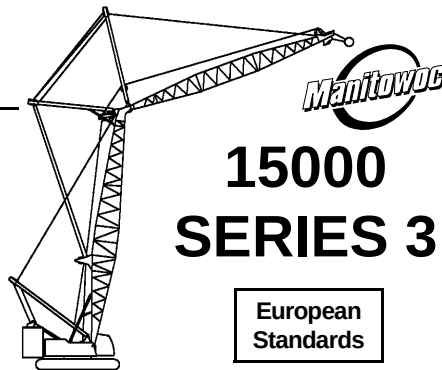


**15000
SERIES 3**

European
Standards

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			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
21.3	74.8	100.5	17 200*													21.3
22.0	74.2	100.4	17 200*													22.0
24.0	72.4	99.7	17 000*													24.0
26.0	70.6	99.1	16 700*	71.7	99.4	19 200*										26.0
28.0	68.8	98.3	16 500*	69.9	98.7	19 000*										28.0
30.0	66.9	97.5	16 200*	68.0	97.9	18 700*	69.6	98.4	18 300*							30.0
32.0	65.1	96.6	16 100*	66.2	97.0	18 500*	67.8	97.6	18 100*							32.0
34.0	63.2	95.6	15 800*	64.3	96.1	18 200*	65.9	96.7	17 900*	67.5	97.2	19 100*				34.0
36.0	61.2	94.5	15 600*	62.4	95.1	18 000*	64.0	95.8	17 700*	65.7	96.3	18 600				36.0
38.0	59.3	93.4	15 400*	60.4	94.0	17 200*	62.1	94.7	17 600*	63.8	95.3	17 300				38.0
40.0	57.2	92.1	14 600*	58.4	92.8	16 200*	60.2	93.6	17 100	61.8	94.3	16 300				40.0
42.0	55.2	90.7	13 800*	56.4	91.5	15 200*	58.2	92.4	16 000	59.9	93.2	15 300				42.0
44.0	53.1	89.3	13 000*	54.3	90.1	14 300*	56.1	91.1	15 100	57.9	91.9	14 400	60.7	93.0	13 200	44.0
46.0	50.9	87.7	12 300*	52.2	88.6	13 400*	54.0	89.7	14 300	55.8	90.6	13 500	58.7	91.8	12 400	46.0
48.0	48.6	86.0	11 600*	49.9	86.9	12 600*	51.9	88.2	13 400*	53.7	89.2	12 800	56.7	90.5	11 600	48.0
50.0	46.3	84.1	11 000*	47.7	85.2	11 800*	49.7	86.5	12 600*	51.6	87.6	12 100	54.6	89.1	11 000	50.0
52.0	43.9	82.1	10 300*	45.3	83.2	11 000*	47.4	84.7	11 700*	49.3	86.0	11 400	52.5	87.6	10 400	52.0
54.0	41.3	79.9	9 800*	42.8	81.1	10 200*	45.0	82.8	10 900*	47.0	84.2	10 800	50.3	86.0	9 800	54.0
56.0	38.6	77.5	9 200*	40.2	78.8	9 600*	42.5	80.7	10 200*	44.6	82.2	10 200	48.0	84.2	9 200	56.0
58.0	35.8	74.8	8 500*	37.5	76.3	8 900*	39.9	78.3	9 400*	42.1	80.1	9 500	45.7	82.3	8 700	58.0
60.0	32.7	71.9	8 000*	34.5	73.6	8 300*	37.1	75.8	8 800*	39.5	77.7	9 000	43.2	80.3	8 100	60.0
62.0	29.4	68.5	7 400*	31.4	70.4	7 700*	34.2	73.0	8 200*	36.7	75.1	8 500	40.6	78.0	7 600	62.0
64.0	25.6	64.6	6 800*	27.9	66.9	7 300*	30.9	69.8	7 700*	33.7	72.3	8 000	37.9	75.6	7 200	64.0
66.0	21.3	59.9	6 000*	23.9	62.7	6 600*	27.4	66.2	7 200*	30.5	69.0	7 500	35.0	72.8	6 700	66.0
68.0	15.8	53.8	5 100*	19.2	57.5	5 800*	23.4	61.9	6 600*	26.9	65.3	7 100	31.9	69.7	6 300	68.0
70.0	6.9	43.6	3 800*	12.9	50.4	4 800*	18.5	56.6	5 900*	22.8	60.9	6 600	28.5	66.3	6 000	70.0
72.0							11.8	49.0	4 900*	17.8	55.4	5 900*	24.6	62.2	5 600	72.0
74.0										10.6	47.3	5 000*	20.0	57.2	5 200	74.0
76.0													14.1	50.6	4 900	76.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A with
Boom No. 57
99 740 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speeds (all boom lengths)

13 m/s with 21.3m thru 33.5m Luffing Jib
11 m/s with 36.6m thru 42.7m Luffing Jib
9 m/s with 45.7m thru 51.8m Luffing Jib
7 m/s with 54.9m thru 67.1m Luffing Jib
5 m/s with 70.1m and 73.2m Luffing Jib

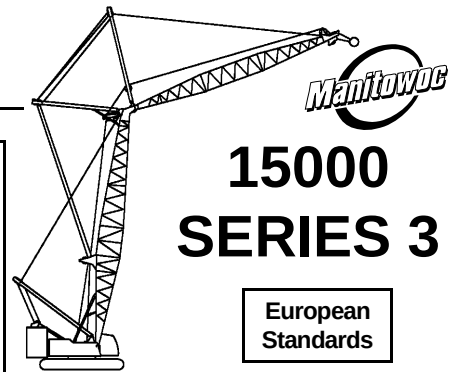
33.5m (110 Ft.) Boom, 70.1m (230 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
21.3	75.5	103.7	16 100*													21.3
22.0	74.9	103.5	16 000*													22.0
24.0	73.2	102.9	15 800*													24.0
26.0	71.5	102.3	15 600*	72.5	102.6	17 900*										26.0
28.0	69.8	101.6	15 400*	70.8	101.9	17 700*										28.0
30.0	68.0	100.8	15 200*	69.0	101.2	17 500*										30.0
32.0	66.2	99.9	15 000*	67.3	100.4	17 300*	68.8	100.9	17 100*							32.0
34.0	64.4	99.0	14 800*	65.5	99.5	17 100*	67.0	100.0	16 900*							34.0
36.0	62.6	98.0	14 600*	63.7	98.5	16 900*	65.2	99.1	16 800*	66.8	99.6	18 000				36.0
38.0	60.7	96.9	14 400*	61.8	97.5	16 700*	63.4	98.2	16 600*	65.0	98.7	17 000				38.0
40.0	58.8	95.7	13 900*	59.9	96.3	16 000*	61.6	97.1	16 400	63.2	97.7	15 900				40.0
42.0	56.9	94.4	13 200*	58.0	95.1	15 200*	59.7	96.0	15 800	61.3	96.7	15 000				42.0
44.0	54.9	93.1	12 400*	56.1	93.8	14 500*	57.8	94.7	14 800	59.4	95.5	14 100				44.0
46.0	52.9	91.6	11 800*	54.1	92.4	13 500*	55.8	93.4	13 900	57.5	94.3	13 300	60.2	95.3	12 100	46.0
48.0	50.8	90.0	11 100*	52.0	90.9	12 500*	53.8	92.0	13 200	55.5	92.9	12 500	58.3	94.1	11 400	48.0
50.0	48.6	88.3	10 600*	49.9	89.2	11 600*	51.7	90.5	12 400	53.5	91.5	11 800	56.4	92.8	10 700	50.0
52.0	46.4	86.4	10 000*	47.7	87.4	10 800*	49.6	88.8	11 500*	51.5	89.9	11 100	54.4	91.4	10 100	52.0
54.0	44.1	84.4	9 500*	45.5	85.5	10 100*	47.4	87.0	10 700*	49.3	88.3	10 500	52.3	89.9	9 500	54.0
56.0	41.7	82.3	8 900*	43.1	83.5	9 300*	45.2	85.1	9 900*	47.1	86.5	9 900	50.2	88.3	9 000	56.0
58.0	39.1	79.9	8 400*	40.6	81.2	8 700*	42.8	83.0	9 300*	44.8	84.5	9 400	48.1	86.6	8 500	58.0
60.0	36.5	77.3	7 800*	38.0	78.7	8 100*	40.3	80.7	8 600*	42.5	82.4	8 800	45.8	84.7	8 000	60.0
62.0	33.6	74.4	7 200*	35.3	76.0	7 600*	37.7	78.2	8 000*	40.0	80.1	8 300	43.5	82.6	7 500	62.0
64.0	30.5	71.2	6 800*	32.3	73.0	7 100*	34.9	75.4	7 500*	37.3	77.6	7 800	41.0	80.4	7 000	64.0
66.0	27.0	67.4	6 300*	29.1	69.6	6 600*	31.9	72.4	7 000*	34.5	74.8	7 400	38.5	77.9	6 600	66.0
68.0	23.1	63.1	5 600*	25.5	65.7	6 100*	28.6	68.9	6 500*	31.5	71.6	6 900	35.7	75.3	6 200	68.0
70.0	18.5	57.8	4 800*	21.3	61.0	5 400*	25.0	64.9	6 100*	28.2	68.1	6 500*	32.8	72.3	5 800	70.0
72.0	12.1	50.3	3 800*	16.1	54.9	4 500*	20.7	60.1	5 600*	24.4	64.0	6 000*	29.6	69.0	5 500	72.0
74.0							15.3	53.8	4 700*	20.1	59.0	5 600*	26.1	65.1	5 100	74.0
76.0							6.4	43.0	3 500*	14.5	52.5	4 800*	22.0	60.6	4 700	76.0
78.0													17.0	54.8	4 400	78.0
80.0													9.8	46.2	4 100	80.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A with
Boom No. 57
99 740 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speeds (all boom lengths)		
13 m/s with 21.3m thru 33.5m Luffing Jib		
11 m/s with 36.6m thru 42.7m Luffing Jib		
9 m/s with 45.7m thru 51.8m Luffing Jib		
7 m/s with 54.9m thru 67.1m Luffing Jib		
5 m/s with 70.1m and 73.2m Luffing Jib		

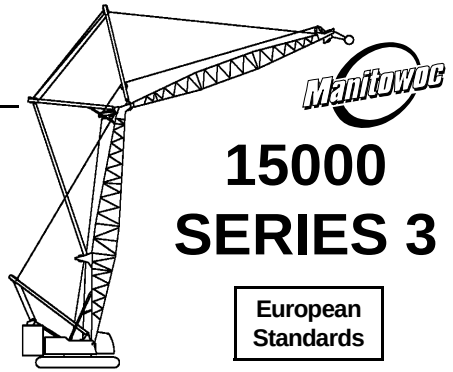


**15000
SERIES 3**

European
Standards

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			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
22.9	74.9	106.4	14 500*										22.9
24.0	73.9	106.1	14 400*										24.0
26.0	72.3	105.5	14 100*	73.3	105.8	16 300*							26.0
28.0	70.6	104.8	14 000*	71.6	105.1	16 100*							28.0
30.0	69.0	104.1	13 800*	69.9	104.4	15 900*							30.0
32.0	67.3	103.3	13 600*	68.3	103.7	15 700*	69.7	104.1	15 400*				32.0
34.0	65.6	102.4	13 400*	66.6	102.8	15 500*	68.0	103.3	15 300*				34.0
36.0	63.8	101.4	13 200*	64.8	101.9	15 300*	66.3	102.5	15 100*				36.0
38.0	62.1	100.4	13 000*	63.1	100.9	15 100*	64.6	101.6	15 000*	66.1	102.1	16 100*	38.0
40.0	60.3	99.3	12 900*	61.3	99.8	14 900*	62.9	100.6	14 800*	64.4	101.1	15 600	40.0
42.0	58.4	98.1	12 600*	59.5	98.7	14 600*	61.1	99.5	14 700*	62.6	100.1	14 600	42.0
44.0	56.6	96.8	12 000*	57.7	97.4	13 900*	59.3	98.3	14 400	60.8	99.0	13 700	44.0
46.0	54.7	95.4	11 400*	55.8	96.1	13 200*	57.4	97.1	13 600	59.0	97.9	12 900	46.0
48.0	52.7	93.9	10 900*	53.9	94.7	12 200*	55.5	95.7	12 800	57.2	96.6	12 100	48.0
50.0	50.7	92.3	10 300*	51.9	93.2	11 300*	53.6	94.3	12 100	55.3	95.3	11 400	50.0
52.0	48.7	90.6	9 800*	49.9	91.5	10 500*	51.6	92.8	11 200*	53.3	93.8	10 800	52.0
54.0	46.5	88.7	9 300*	47.8	89.7	9 700*	49.6	91.1	10 400*	51.4	92.2	10 100	54.0
56.0	44.3	86.7	8 700*	45.6	87.8	9 100*	47.5	89.3	9 700*	49.3	90.6	9 600	56.0
58.0	42.0	84.6	8 100*	43.4	85.8	8 400*	45.3	87.4	9 000*	47.2	88.8	9 000	58.0
60.0	39.6	82.2	7 500*	41.0	83.6	7 800*	43.1	85.3	8 300*	45.0	86.8	8 600	60.0
62.0	37.0	79.7	7 000*	38.5	81.1	7 300*	40.7	83.1	7 800*	42.8	84.7	8 100	62.0
64.0	34.3	76.9	6 500*	35.9	78.5	6 800*	38.2	80.6	7 200*	40.4	82.4	7 600	64.0
66.0	31.4	73.7	6 000*	33.2	75.5	6 300*	35.6	77.9	6 700*	37.9	79.9	7 100	66.0
68.0	28.3	70.2	5 600*	30.1	72.2	5 900*	32.8	74.9	6 300*	35.2	77.2	6 700*	68.0
70.0	24.7	66.2	5 100*	26.8	68.5	5 500*	29.7	71.6	5 800*	32.4	74.2	6 200*	70.0
72.0	20.6	61.3	4 300*	23.1	64.2	5 000*	26.4	67.8	5 400*	29.3	70.8	5 800*	72.0
74.0	15.4	55.0	3 500*	18.6	58.8	4 200*	22.5	63.3	5 000*	25.9	66.9	5 300*	74.0
76.0	7.2	44.7	2 500*	12.7	51.5	3 400*	18.0	57.8	4 400*	22.0	62.4	4 900*	76.0
78.0							11.7	50.1	3 500*	17.2	56.7	4 500*	78.0
80.0										10.6	48.4	3 500*	80.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A with
Boom No. 57
99 740 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

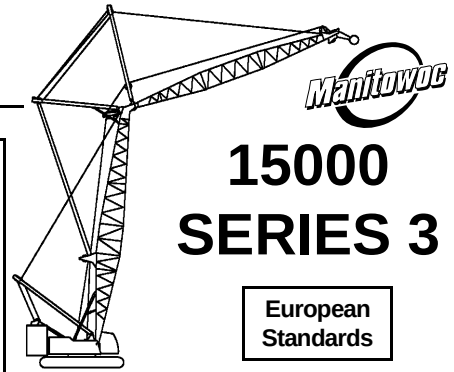
Maximum Operating Wind Speeds (all boom lengths)		
13 m/s with 21.3m thru 33.5m Luffing Jib		
11 m/s with 36.6m thru 42.7m Luffing Jib		
9 m/s with 45.7m thru 51.8m Luffing Jib		
7 m/s with 54.9m thru 67.1m Luffing Jib		
5 m/s with 70.1m and 73.2m Luffing Jib		

36.5m (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	58.4	70 200*b																			12.2
14.0	61.5	57.5	63 700*b	65.4	58.1	67 700b																14.0
16.0	55.1	56.2	55 600*b	59.3	57.0	60 000b																16.0
18.0	48.2	54.6	48 400*	52.7	55.6	53 400	58.9	56.7	51 700b													18.0
20.0	40.3	52.5	43 400*	45.5	53.8	48 000*	52.3	55.3	46 500	58.6	56.3	44 900b										20.0
22.0	30.9	49.5	39 800*	37.1	51.4	42 800*	45.1	53.5	42 300	51.9	54.9	40 800										22.0
24.0	17.0	44.8	32 200*	26.7	48.1	38 400*	36.7	51.0	38 800	44.6	53.0	37 400	55.6	55.0	35 300							24.0
26.0							26.0	47.6	35 400	36.1	50.6	34 300	48.7	53.3	32 400							26.0
28.0										25.3	47.1	31 200	41.0	51.2	29 600	52.3	53.2	27 900				28.0
30.0													31.7	48.4	27 000	45.1	51.4	25 500				30.0
32.0													18.4	43.9	24 800	36.7	49.0	23 400	48.5	51.0	22 100	32.0
34.0																26.0	45.5	21 600	40.7	48.9	20 400	34.0
36.0																			31.3	46.0	18 900	36.0
38.0																			17.9	41.4	17 500	38.0

36.5m (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	61.7	67 900*b																			12.2
14.0	65.4	60.9	61 900*b	68.6	61.4	65 800b																14.0
16.0	60.0	59.9	55 500*b	63.5	60.5	58 900b																16.0
18.0	54.4	58.5	48 000*	58.0	59.3	52 400	63.2	60.2	50 700b													18.0
20.0	48.3	56.9	42 600*	52.2	57.9	47 300	57.7	59.0	45 600	62.9	59.8	44 100b										20.0
22.0	41.5	54.8	38 700*	45.9	56.1	42 600*	51.9	57.6	41 500	57.4	58.6	40 000										22.0
24.0	33.6	52.1	35 600*	38.8	53.8	38 300*	45.6	55.8	38 000	51.6	57.2	36 600										24.0
26.0	23.5	48.3	31 700*	30.3	50.8	34 800*	38.4	53.5	35 000	45.2	55.3	33 800	54.8	57.3	31 700							26.0
28.0				18.5	46.2	29 600*	29.8	50.4	32 100	38.0	53.0	31 100	48.8	55.6	29 300							28.0
30.0							17.7	45.7	29 000	29.3	49.9	28 400	42.1	53.6	26 800	51.9	55.5	25 300				30.0
32.0										16.8	45.0	26 100	34.3	51.0	24 600	45.6	53.7	23 200				32.0
34.0													24.4	47.3	22 700	38.4	51.4	21 400	48.6	53.3	20 100	34.0
36.0																29.8	48.3	19 800	41.8	51.2	18 600	36.0
38.0																17.7	43.6	18 400	34.0	48.6	17 300	38.0
40.0																			24.0	44.8	16 100	40.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A with
Boom No. 57
99 740 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speeds (all boom lengths)		
13 m/s with 21.3m thru 33.5m Luffing Jib		
11 m/s with 36.6m thru 42.7m Luffing Jib		
9 m/s with 45.7m thru 51.8m Luffing Jib		
7 m/s with 54.9m thru 67.1m Luffing Jib		
5 m/s with 70.1m and 73.2m Luffing Jib		

**15000
SERIES 3**

European
Standards

36.5m (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	64.9	64 900*b																			12.2
14.0	68.3	64.3	60 200*b	71.1	64.7	63 800*b																14.0
16.0	63.7	63.3	54 500*b	66.6	63.9	57 700b																16.0
18.0	58.9	62.2	48 000*	62.0	62.9	51 500	66.4	63.6	49 800b													18.0
20.0	53.8	60.8	42 300*	57.1	61.7	46 500	61.7	62.6	44 800	66.1	63.2	43 300b										20.0
22.0	48.4	59.2	38 100*	51.9	60.2	42 200	56.8	61.4	40 800	61.4	62.2	39 400										22.0
24.0	42.4	57.2	34 900*	46.3	58.4	38 200*	51.6	59.9	37 300	56.5	61.0	36 000										24.0
26.0	35.7	54.6	32 200*	40.1	56.2	34 600*	46.0	58.1	34 400	51.3	59.5	33 200	59.2	60.9	31 200							26.0
28.0	27.5	51.2	29 200*	32.9	53.4	31 700*	39.7	55.9	31 800	45.6	57.6	30 700	54.2	59.6	28 800							28.0
30.0	15.7	46.0	24 500*	23.9	49.6	28 300*	32.5	53.0	29 300	39.3	55.4	28 300	48.8	57.9	26 700							30.0
32.0				7.6	42.1	22 100*	23.3	49.1	26 900	32.0	52.5	26 000	42.9	55.9	24 500	51.6	57.8	23 000				32.0
34.0										22.7	48.5	24 000	36.2	53.5	22 700	46.0	56.0	21 300				34.0
36.0													28.2	50.2	21 000	39.7	53.8	19 700	48.6	55.6	18 400	36.0
38.0													16.9	45.1	19 500	32.5	51.0	18 300	42.7	53.6	17 100	38.0
40.0																23.3	47.0	17 000	36.0	51.1	16 000	40.0
42.0																			27.9	47.8	14 900	42.0
44.0																			16.4	42.6	13 900	44.0

36.5m (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	58 500*b																			12.2
14.0	70.6	67.5	56 900*b	73.1	67.9	61 400*b																14.0
16.0	66.5	66.7	53 400*	69.1	67.2	56 100b																16.0
18.0	62.3	65.7	48 200*	65.0	66.3	50 700																18.0
20.0	57.9	64.6	42 600*	60.7	65.2	45 600	64.8	66.0	44 000													20.0
22.0	53.3	63.2	38 200*	56.3	64.0	41 500	60.5	65.0	40 000	64.5	65.7	38 600										22.0
24.0	48.4	61.5	34 700*	51.6	62.5	37 900	56.1	63.7	36 600	60.3	64.6	35 300										24.0
26.0	43.1	59.5	32 000*	46.6	60.7	34 500*	51.3	62.2	33 800	55.8	63.3	32 500	62.6	64.4	30 500							26.0
28.0	37.2	57.0	29 200*	41.0	58.6	31 400*	46.3	60.4	31 200	51.1	61.8	30 100	58.3	63.3	28 200							28.0
30.0	30.3	54.0	26 600*	34.8	55.9	28 900*	40.8	58.2	29 000	46.0	60.0	28 000	53.7	61.9	26 200							30.0
32.0	21.4	49.7	23 700*	27.4	52.5	26 600*	34.5	55.6	26 800	40.4	57.8	25 800	48.8	60.2	24 300	56.0	61.6	22 700				32.0
34.0				17.1	47.4	22 400*	27.0	52.1	24 700	34.1	55.1	23 900	43.5	58.3	22 400	51.3	60.1	21 000				34.0
36.0							16.4	46.9	22 300	26.5	51.5	22 100	37.7	55.9	20 700	46.3	58.3	19 400				36.0
38.0										15.6	46.1	20 500	30.9	52.8	19 300	40.7	56.1	18 100	48.7	57.9	16 800	38.0
40.0													22.2	48.7	18 000	34.5	53.5	16 800	43.4	55.9	15 700	40.0
42.0																27.0	50.0	15 700	37.5	53.5	14 600	42.0
44.0																16.4	44.8	14 700	30.6	50.5	13 700	44.0
46.0																			21.9	46.3	12 800	46.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A with
Boom No. 57
99 740 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speeds (all boom lengths)	
13 m/s with 21.3m thru 33.5m Luffing Jib	
11 m/s with 36.6m thru 42.7m Luffing Jib	
9 m/s with 45.7m thru 51.8m Luffing Jib	
7 m/s with 54.9m thru 67.1m Luffing Jib	
5 m/s with 70.1m and 73.2m Luffing Jib	

36.5m (120 Ft.) Boom, 33.5m (110 Ft.) Luffing Jib

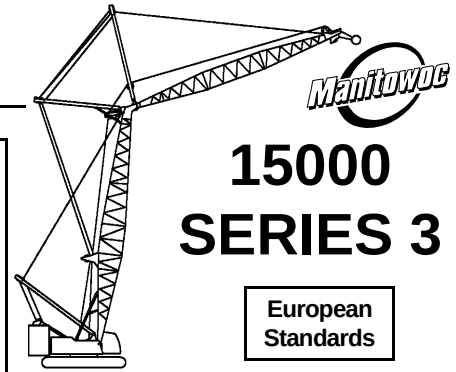
Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib 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	71.3	52 700*																			12.2
14.0	72.4	70.8	51 600*																			14.0
16.0	68.8	70.0	50 300*	71.1	70.4	54 500*																16.0
18.0	65.0	69.2	47 700*	67.4	69.7	49 800																18.0
20.0	61.2	68.1	42 600*	63.6	68.7	45 000	67.2	69.4	43 400													20.0
22.0	57.2	66.9	38 000*	59.7	67.6	40 900	63.4	68.4	39 400													22.0
24.0	52.9	65.4	34 500*	55.6	66.3	37 500	59.5	67.3	36 100	63.2	68.1	34 900										24.0
26.0	48.5	63.8	31 700*	51.4	64.8	34 400*	55.4	66.0	33 300	59.3	66.9	32 100										26.0
28.0	43.7	61.8	28 800*	46.8	63.0	31 400*	51.1	64.5	30 900	55.2	65.6	29 700	61.5	66.8	27 800							28.0
30.0	38.4	59.5	26 000*	41.8	60.9	28 800*	46.5	62.7	28 700	50.9	64.1	27 600	57.5	65.6	25 800							30.0
32.0	32.4	56.6	23 700*	36.3	58.4	26 600*	41.6	60.6	26 700	46.3	62.3	25 800	53.3	64.2	24 100							32.0
34.0	25.2	52.8	21 900*	30.0	55.2	24 500*	36.0	58.0	24 700	41.3	60.1	23 800	48.8	62.5	22 400	55.4	63.9	20 900				34.0
36.0	14.8	47.1	19 000*	21.9	51.0	21 800*	29.6	54.8	22 900	35.7	57.5	22 100	44.1	60.6	20 700	51.1	62.4	19 400				36.0
38.0				8.1	43.2	17 400*	21.5	50.5	21 300	29.2	54.3	20 600	38.8	58.3	19 300	46.5	60.6	18 000				38.0
40.0										20.9	49.9	19 200	32.9	55.4	18 000	41.6	58.5	16 800	48.7	60.2	15 600	40.0
42.0													25.8	51.8	16 800	36.0	55.9	15 700	43.9	58.2	14 600	42.0
44.0													15.8	46.3	15 700	29.6	52.8	14 700	38.7	55.9	13 600	44.0
46.0																21.5	48.4	13 800	32.7	53.0	12 800	46.0
48.0																			25.5	49.3	12 000	48.0
50.0																			15.4	43.8	11 200	50.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A with
Boom No. 57
99 740 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

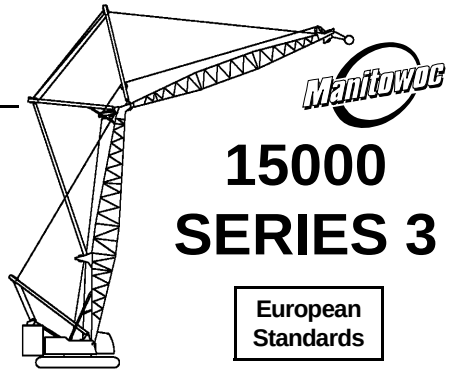
Maximum Operating Wind Speeds
(all boom lengths)

13 m/s with 21.3m thru 33.5m Luffing Jib
11 m/s with 36.6m thru 42.7m Luffing Jib
9 m/s with 45.7m thru 51.8m Luffing Jib
7 m/s with 54.9m thru 67.1m Luffing Jib
5 m/s with 70.1m and 73.2m Luffing Jib



36.5m (120 Ft.) Boom, 36.6m (120 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
13.7	74.4	74.1	46 800*																			13.7
14.0	73.9	74.0	46 700*																			14.0
16.0	70.6	73.3	45 700*	72.7	73.7	52 600*																16.0
18.0	67.2	72.5	44 600*	69.4	72.9	48 700*																18.0
20.0	63.8	71.6	42 400*	66.0	72.1	44 200	69.2	72.7	42 600													20.0
22.0	60.2	70.5	38 100*	62.5	71.1	40 200	65.8	71.8	38 700													22.0
24.0	56.5	69.2	34 300*	58.9	69.9	36 800	62.3	70.8	35 500	65.6	71.5	34 200										24.0
26.0	52.6	67.8	31 300*	55.1	68.6	33 900	58.7	69.7	32 700	62.1	70.4	31 400										26.0
28.0	48.5	66.1	28 300*	51.2	67.1	31 100*	54.9	68.3	30 200	58.5	69.3	29 100										28.0
30.0	44.2	64.1	25 600*	47.0	65.3	28 500*	51.0	66.8	28 100	54.7	67.9	27 000	60.5	69.2	25 300							30.0
32.0	39.4	61.8	23 300*	42.5	63.2	26 300*	46.8	65.0	26 300	50.7	66.4	25 200	56.8	67.9	23 500							32.0
34.0	34.1	59.1	21 300*	37.5	60.8	24 400*	42.2	62.9	24 500	46.5	64.6	23 600	52.9	66.5	22 000							34.0
36.0	27.9	55.7	19 700*	31.9	57.9	22 600*	37.3	60.5	22 700	42.0	62.5	21 900	48.8	64.8	20 500	54.9	66.2	19 100				36.0
38.0	19.9	51.0	18 300*	25.3	54.1	20 500*	31.6	57.5	21 100	37.0	60.0	20 300	44.5	62.9	19 000	51.0	64.7	17 700				38.0
40.0				16.1	48.6	17 500*	24.9	53.7	19 700	31.3	57.0	19 000	39.8	60.7	17 700	46.8	62.9	16 500				40.0
42.0							15.5	48.0	17 800	24.4	53.1	17 700	34.5	58.0	16 600	42.2	60.8	15 400	48.7	62.5	14 300	42.0
44.0										14.8	47.3	16 600	28.4	54.6	15 500	37.3	58.4	14 400	44.4	60.6	13 300	44.0
46.0													20.6	50.1	14 600	31.6	55.4	13 500	39.6	58.3	12 500	46.0
48.0																24.9	51.6	12 700	34.3	55.6	11 700	48.0
50.0																15.5	46.0	11 900	28.2	52.2	11 000	50.0
52.0																			20.4	47.6	10 300	52.0



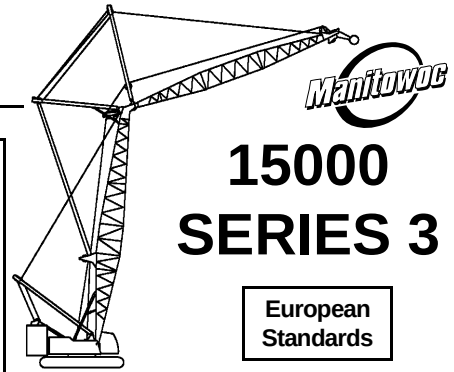
Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A with
Boom No. 57
99 740 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speeds (all boom lengths)	
13 m/s with 21.3m thru 33.5m Luffing Jib	
11 m/s with 36.6m thru 42.7m Luffing Jib	
9 m/s with 45.7m thru 51.8m Luffing Jib	
7 m/s with 54.9m thru 67.1m Luffing Jib	
5 m/s with 70.1m and 73.2m Luffing Jib	

36.5m (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	77.2	42 400* b																		13.7	
14.0	75.2	77.1	42 300* b																		14.0	
16.0	72.2	76.5	41 500*																		16.0	
18.0	69.1	75.8	40 700*	71.0	76.2	47 100*															18.0	
20.0	65.9	74.9	39 700*	67.9	75.4	43 500															20.0	
22.0	62.7	74.0	37 000*	64.8	74.5	39 500	67.8	75.2	38 100												22.0	
24.0	59.4	72.8	33 600*	61.5	73.5	36 200	64.6	74.2	34 900												24.0	
26.0	55.9	71.5	30 600*	58.1	72.3	33 400	61.3	73.2	32 100	64.4	73.9	30 900									26.0	
28.0	52.3	70.1	27 800*	54.7	70.9	30 800	58.0	72.0	29 700	61.2	72.8	28 600									28.0	
30.0	48.6	68.4	25 300*	51.0	69.4	28 300*	54.5	70.6	27 600	57.8	71.6	26 500									30.0	
32.0	44.5	66.4	23 000*	47.1	67.6	26 100*	50.8	69.1	25 800	54.3	70.2	24 800	59.6	71.6	23 100						32.0	
34.0	40.2	64.2	21 100*	43.0	65.6	24 100*	46.9	67.3	24 100	50.6	68.7	23 100	56.2	70.3	21 600						34.0	
36.0	35.4	61.6	19 400*	38.5	63.2	22 400*	42.8	65.2	22 600	46.7	66.9	21 700	52.6	68.8	20 200						36.0	
38.0	30.0	58.4	17 900*	33.5	60.4	20 700*	38.3	62.9	21 000	42.5	64.8	20 200	48.9	67.1	18 800	54.5	68.6	17 500			38.0	
40.0	23.4	54.3	16 700*	27.8	57.0	19 200*	33.3	60.0	19 600	38.0	62.4	18 800	44.9	65.2	17 500	50.8	67.0	16 300			40.0	
42.0	14.2	48.2	14 900*	20.5	52.4	17 000*	27.4	56.5	18 300	33.0	59.5	17 600	40.5	63.0	16 400	46.9	65.2	15 200			42.0	
44.0				8.5	44.3	13 700*	20.1	51.9	17 100	27.1	56.0	16 500	35.8	60.4	15 300	42.8	63.2	14 200	48.7	64.8	13 100	44.0
46.0										19.6	51.2	15 500	30.4	57.3	14 400	38.3	60.8	13 300	44.7	62.9	12 300	46.0
48.0													24.0	53.3	13 500	33.3	58.0	12 500	40.4	60.7	11 500	48.0
50.0													15.1	47.5	12 700	27.4	54.5	11 800	35.6	58.0	10 800	50.0
52.0																20.1	49.8	11 000	30.2	54.9	10 200	52.0
54.0																			23.7	50.9	9 500	54.0
56.0																			14.7	44.9	9 000	56.0



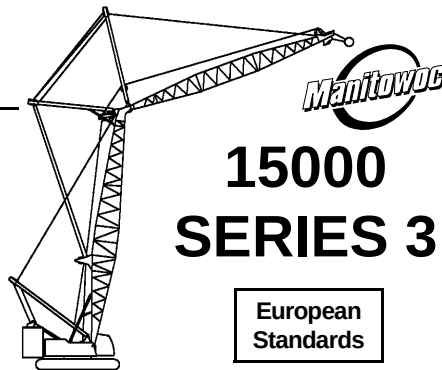
Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A with
Boom No. 57
99 740 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speeds (all boom lengths)		
13 m/s with 21.3m thru 33.5m Luffing Jib		
11 m/s with 36.6m thru 42.7m Luffing Jib		
9 m/s with 45.7m thru 51.8m Luffing Jib		
7 m/s with 54.9m thru 67.1m Luffing Jib		
5 m/s with 70.1m and 73.2m Luffing Jib		

36.5m (120 Ft.) Boom, 42.7m (140 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
15.2	74.5	79.9	37 800*																			15.2
16.0	73.5	79.7	37 600*																			16.0
18.0	70.6	79.1	36 900*																			18.0
20.0	67.8	78.3	36 300*	69.6	78.7	42 500																20.0
22.0	64.8	77.4	35 300*	66.7	77.9	38 900	69.5	78.4	37 400													22.0
24.0	61.8	76.3	32 600*	63.7	76.9	35 600	66.5	77.6	34 200													24.0
26.0	58.7	75.2	29 900*	60.7	75.8	32 800	63.6	76.7	31 500	66.4	77.2	30 300										26.0
28.0	55.5	73.9	27 300*	57.5	74.6	30 400	60.5	75.6	29 200	63.4	76.3	28 000										28.0
30.0	52.1	72.4	25 000*	54.3	73.2	28 100	57.4	74.3	27 100	60.3	75.2	26 000										30.0
32.0	48.6	70.7	22 900*	50.9	71.7	25 900*	54.1	72.9	25 300	57.2	73.9	24 200	62.0	75.1	22 500							32.0
34.0	44.9	68.8	20 900*	47.3	69.9	24 000*	50.7	71.4	23 600	53.9	72.6	22 600	58.9	73.9	21 100							34.0
36.0	40.9	66.6	19 200*	43.5	67.9	22 200*	47.1	69.6	22 200	50.5	71.0	21 200	55.7	72.6	19 700							36.0
38.0	36.5	64.0	17 700*	39.4	65.6	20 600*	43.3	67.6	20 800	46.9	69.2	19 900	52.4	71.1	18 500							38.0
40.0	31.7	61.0	16 400*	34.8	62.9	19 000*	39.1	65.2	19 400	43.0	67.1	18 600	48.9	69.4	17 300	54.1	70.9	16 000				40.0
42.0	26.0	57.3	15 400*	29.7	59.7	17 700*	34.6	62.5	18 100	38.9	64.8	17 400	45.2	67.5	16 100	50.7	69.3	14 900				42.0
44.0	18.8	52.3	14 300*	23.7	55.6	16 100*	29.5	59.3	17 000	34.3	62.0	16 300	41.2	65.4	15 100	47.1	67.5	14 000				44.0
46.0				15.4	49.8	13 800*	23.3	55.1	15 900	29.1	58.7	15 300	36.9	62.9	14 200	43.3	65.5	13 100	48.8	67.1	12 000	46.0
48.0							14.9	49.2	14 200*	22.9	54.5	14 300	32.1	59.9	13 300	39.1	63.2	12 300	45.0	65.2	11 200	48.0
50.0										14.2	48.4	13 500	26.5	56.2	12 500	34.6	60.5	11 500	41.1	63.0	10 500	50.0
52.0													19.5	51.4	11 800	29.5	57.2	10 800	36.7	60.5	9 900	52.0
54.0																23.3	53.1	10 200	31.9	57.5	9 300	54.0
56.0																14.8	47.1	9 600	26.3	53.8	8 800	56.0
58.0																			19.2	48.9	8 200	58.0



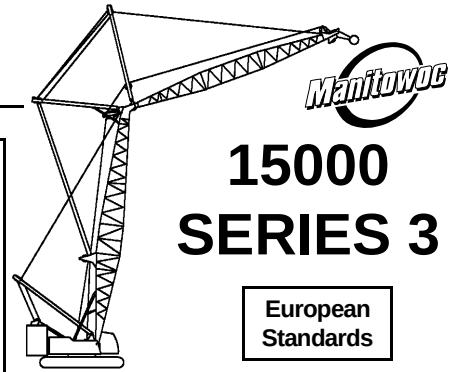
Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A with
Boom No. 57
99 740 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speeds (all boom lengths)	
13 m/s with 21.3m thru 33.5m Luffing Jib	
11 m/s with 36.6m thru 42.7m Luffing Jib	
9 m/s with 45.7m thru 51.8m Luffing Jib	
7 m/s with 54.9m thru 67.1m Luffing Jib	
5 m/s with 70.1m and 73.2m Luffing Jib	

36.5m (120 Ft.) Boom, 45.7m (150 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
15.2	75.6	83.1	34 400*																			15.2
16.0	74.6	82.9	34 200*																			16.0
18.0	72.0	82.3	33 600*																			18.0
20.0	69.3	81.6	33 100*	71.0	81.9	39 100*																20.0
22.0	66.6	80.7	32 500*	68.3	81.2	38 300																22.0
24.0	63.8	79.8	31 300*	65.6	80.3	35 200	68.2	80.9	33 800													24.0
26.0	61.0	78.7	28 900*	62.8	79.3	32 400	65.5	80.1	31 100													26.0
28.0	58.1	77.5	26 600*	59.9	78.2	30 000	62.7	79.1	28 800	65.3	79.7	27 700										28.0
30.0	55.0	76.2	24 400*	57.0	77.0	27 800	59.8	77.9	26 700	62.5	78.7	25 700										30.0
32.0	51.9	74.7	22 500*	53.9	75.6	25 800	56.8	76.7	24 900	59.6	77.6	23 900										32.0
34.0	48.6	73.0	20 700*	50.7	74.0	23 800*	53.8	75.3	23 300	56.7	76.3	22 300	61.2	77.4	20 800							34.0
36.0	45.2	71.1	19 000*	47.4	72.2	22 100*	50.6	73.7	21 900	53.6	74.9	21 000	58.3	76.2	19 400							36.0
38.0	41.5	68.9	17 500*	43.8	70.2	20 400*	47.2	71.9	20 600	50.4	73.3	19 700	55.3	74.9	18 200							38.0
40.0	37.5	66.4	16 200*	40.1	68.0	19 000*	43.7	69.9	19 300	47.0	71.5	18 500	52.1	73.4	17 200	56.8	74.6	15 900				40.0
42.0	33.1	63.6	15 100*	35.9	65.4	17 600*	39.9	67.6	18 100	43.4	69.5	17 300	48.9	71.7	16 100	53.8	73.2	14 900				42.0
44.0	28.1	60.1	14 100*	31.4	62.3	16 400*	35.7	65.0	16 900	39.6	67.2	16 200	45.4	69.8	15 000	50.6	71.6	13 900				44.0
46.0	22.1	55.7	13 300*	26.1	58.6	15 200*	31.1	61.9	15 900	35.5	64.5	15 200	41.8	67.7	14 100	47.2	69.8	13 000	52.0	71.1	11 900	46.0
48.0	13.7	49.4	11 800*	19.4	53.7	13 500*	25.8	58.1	14 900	30.8	61.4	14 300	37.8	65.3	13 200	43.7	67.8	12 200	48.8	69.4	11 200	48.0
50.0				8.8	45.4	11 000*	19.0	53.2	13 700	25.4	57.6	13 400	33.4	62.4	12 400	39.9	65.5	11 400	45.3	67.5	10 500	50.0
52.0										18.6	52.5	12 700	28.5	59.0	11 700	35.7	62.9	10 800	41.6	65.4	9 800	52.0
54.0													22.6	54.7	11 000	31.1	59.8	10 100	37.7	62.9	9 200	54.0
56.0													14.5	48.6	10 400	25.8	56.1	9 500	33.3	60.0	8 700	56.0
58.0																19.0	51.1	9 000	28.3	56.6	8 200	58.0
60.0																			22.4	52.3	7 700	60.0
62.0																			14.2	46.1	7 200	62.0



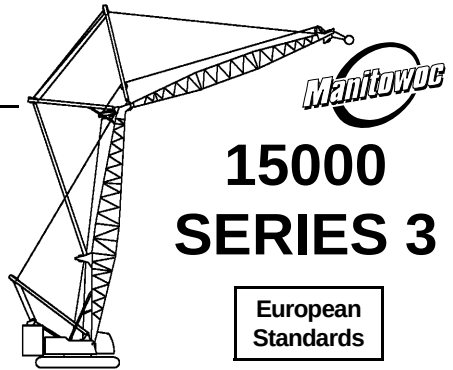
Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A with
Boom No. 57
99 740 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speeds (all boom lengths)		
13 m/s with 21.3m thru 33.5m Luffing Jib		
11 m/s with 36.6m thru 42.7m Luffing Jib		
9 m/s with 45.7m thru 51.8m Luffing Jib		
7 m/s with 54.9m thru 67.1m Luffing Jib		
5 m/s with 70.1m and 73.2m Luffing Jib		

36.5m (120 Ft.) Boom, 48.8m (160 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
16.8	74.7	85.9	30 900*																			16.8
18.0	73.1	85.5	30 600*																			18.0
20.0	70.7	84.8	30 200*	72.2	85.2	35 100*																20.0
22.0	68.1	84.1	29 700*	69.8	84.5	35 000*																22.0
24.0	65.6	83.2	29 200*	67.2	83.7	34 200*																24.0
26.0	63.0	82.2	27 700*	64.6	82.7	31 800	67.1	83.4	30 500													26.0
28.0	60.3	81.1	25 700*	62.0	81.7	29 400	64.5	82.5	28 200	66.9	83.0	27 100										28.0
30.0	57.5	79.9	23 800*	59.3	80.6	27 300	61.9	81.4	26 200	64.4	82.1	25 100										30.0
32.0	54.7	78.5	22 000*	56.5	79.3	25 500	59.1	80.3	24 400	61.7	81.1	23 400										32.0
34.0	51.7	77.0	20 300*	53.6	77.9	23 600*	56.4	79.0	22 800	59.0	79.9	21 900										34.0
36.0	48.6	75.3	18 700*	50.6	76.3	21 800*	53.5	77.6	21 400	56.2	78.6	20 500	60.5	79.8	19 000							36.0
38.0	45.4	73.4	17 300*	47.5	74.5	20 200*	50.5	76.0	20 100	53.3	77.2	19 200	57.7	78.6	17 800							38.0
40.0	42.0	71.3	16 100*	44.2	72.6	18 700*	47.3	74.2	19 000	50.3	75.6	18 100	54.9	77.2	16 700							40.0
42.0	38.3	68.8	14 900*	40.7	70.3	17 300*	44.0	72.2	17 800	47.1	73.8	17 000	52.0	75.7	15 700	56.4	76.9	14 500				42.0
44.0	34.3	66.1	13 900*	36.9	67.8	16 100*	40.5	70.0	16 700	43.8	71.8	16 000	48.9	74.0	14 800	53.5	75.5	13 600				44.0
46.0	29.8	62.8	13 000*	32.7	64.9	15 000*	36.7	67.4	15 700	40.3	69.5	15 000	45.7	72.2	13 800	50.5	73.9	12 700				46.0
48.0	24.6	58.8	12 300*	28.0	61.4	14 100*	32.5	64.5	14 700	36.4	67.0	14 100	42.2	70.1	13 000	47.3	72.1	11 900	51.9	73.4	10 900	48.0
50.0	17.9	53.6	11 400*	22.4	57.0	12 800*	27.7	61.0	13 900	32.2	64.0	13 200	38.6	67.7	12 200	44.0	70.1	11 200	48.8	71.7	10 200	50.0
52.0				14.8	50.9	11 000*	22.1	56.6	13 000	27.4	60.4	12 500	34.6	64.9	11 500	40.5	67.9	10 500	45.6	69.8	9 600	52.0
54.0							14.3	50.3	11 200*	21.7	56.0	11 700	30.2	61.7	10 800	36.7	65.4	9 900	42.1	67.7	9 000	54.0
56.0										13.8	49.5	11 100	25.0	57.8	10 200	32.5	62.4	9 300	38.5	65.3	8 400	56.0
58.0													18.5	52.7	9 600	27.7	58.9	8 700	34.5	62.5	7 900	58.0
60.0																22.1	54.5	8 200	30.0	59.3	7 400	60.0
62.0																14.3	48.2	7 700	24.8	55.4	7 000	62.0
64.0																			18.3	50.2	6 500	64.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A with
Boom No. 57
99 740 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speeds (all boom lengths)		
13 m/s with 21.3m thru 33.5m Luffing Jib		
11 m/s with 36.6m thru 42.7m Luffing Jib		
9 m/s with 45.7m thru 51.8m Luffing Jib		
7 m/s with 54.9m thru 67.1m Luffing Jib		
5 m/s with 70.1m and 73.2m Luffing Jib		

36.5m (120 Ft.) Boom, 51.8m (170 Ft.) Luffing Jib

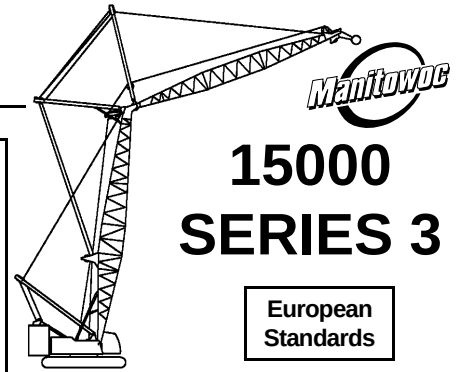
Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib 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	89.0	28 000*																			16.8
18.0	74.2	88.7	27 800*																			18.0
20.0	71.8	88.1	27 500*	73.3	88.4	31 700*																20.0
22.0	69.5	87.3	27 100*	71.0	87.7	31 600*																22.0
24.0	67.1	86.5	26 700*	68.6	86.9	31 400*																24.0
26.0	64.7	85.6	26 300*	66.2	86.1	30 500*	68.5	86.7	30 000													26.0
28.0	62.2	84.6	24 800*	63.8	85.2	28 800	66.1	85.8	27 700													28.0
30.0	59.7	83.4	23 000*	61.3	84.1	26 900	63.7	84.9	25 700	66.0	85.5	24 700										30.0
32.0	57.0	82.2	21 400*	58.7	82.9	25 000	61.1	83.8	24 000	63.5	84.5	23 000										32.0
34.0	54.4	80.8	19 900*	56.1	81.6	23 400*	58.6	82.6	22 400	61.0	83.4	21 400										34.0
36.0	51.6	79.3	18 500*	53.4	80.2	21 600*	55.9	81.3	21 000	58.4	82.2	20 100										36.0
38.0	48.7	77.6	17 100*	50.5	78.6	20 000*	53.2	79.9	19 700	55.8	80.9	18 800	59.8	82.2	17 400							38.0
40.0	45.6	75.7	15 900*	47.6	76.8	18 500*	50.4	78.3	18 600	53.0	79.5	17 700	57.2	80.9	16 400							40.0
42.0	42.4	73.6	14 800*	44.5	74.9	17 100*	47.4	76.5	17 500	50.2	77.9	16 700	54.6	79.6	15 400							42.0
44.0	39.0	71.2	13 700*	41.2	72.7	15 900*	44.3	74.5	16 500	47.2	76.1	15 800	51.8	78.0	14 500	55.9	79.2	13 300				44.0
46.0	35.3	68.6	12 900*	37.7	70.2	14 800*	41.0	72.3	15 500	44.1	74.1	14 800	48.9	76.3	13 700	53.2	77.8	12 500				46.0
48.0	31.2	65.4	12 100*	33.9	67.4	13 800*	37.5	69.9	14 600	40.8	71.9	13 900	45.9	74.5	12 800	50.4	76.2	11 700				48.0
50.0	26.6	61.8	11 400*	29.6	64.1	13 000*	33.7	67.0	13 700	37.3	69.4	13 100	42.7	72.4	12 000	47.4	74.4	11 000				50.0
52.0	21.0	57.1	10 800*	24.7	60.1	12 100*	29.4	63.7	12 900*	33.4	66.5	12 300	39.3	70.1	11 300	44.3	72.5	10 300	48.8	74.0	9 300	52.0
54.0	13.3	50.5	9 300*	18.6	55.0	10 600*	24.4	59.7	12 100*	29.1	63.2	11 600	35.6	67.4	10 600	41.0	70.3	9 700	45.8	72.1	8 700	54.0
56.0				9.0	46.5	8 600*	18.2	54.4	10 900*	24.1	59.1	10 900	31.5	64.3	10 000	37.5	67.8	9 100	42.6	70.0	8 200	56.0
58.0										17.8	53.7	10 300	27.0	60.7	9 500	33.7	64.9	8 500	39.2	67.7	7 700	58.0
60.0													21.5	56.2	8 900	29.4	61.6	8 100	35.5	65.0	7 200	60.0
62.0													14.0	49.7	8 400	24.4	57.6	7 600	31.4	61.9	6 800	62.0
64.0																18.2	52.3	7 100	26.8	58.3	6 400	64.0
66.0																			21.3	53.7	6 000	66.0
68.0																			13.7	47.2	5 600	68.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A with
Boom No. 57
99 740 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speeds
(all boom lengths)

13 m/s with 21.3m thru 33.5m Luffing Jib
11 m/s with 36.6m thru 42.7m Luffing Jib
9 m/s with 45.7m thru 51.8m Luffing Jib
7 m/s with 54.9m thru 67.1m Luffing Jib
5 m/s with 70.1m and 73.2m Luffing Jib



36.5m (120 Ft.) Boom, 54.9m (180 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
18.3	74.8	91.8	25 200*																		18.3	
20.0	72.9	91.2	25 000*																		20.0	
22.0	70.7	90.6	24 800*	72.1	90.9	28 500*															22.0	
24.0	68.5	89.8	24 400*	69.9	90.2	28 300*															24.0	
26.0	66.2	89.0	24 100*	67.6	89.4	28 100*	69.8	90.0	27 400*												26.0	
28.0	63.9	88.0	23 600*	65.3	88.5	27 400*	67.5	89.2	27 000												28.0	
30.0	61.5	87.0	22 200*	63.0	87.6	25 800*	65.2	88.3	25 300												30.0	
32.0	59.1	85.8	20 700*	60.6	86.5	24 300*	62.9	87.3	23 500	65.1	87.9	22 500									32.0	
34.0	56.6	84.5	19 400*	58.2	85.3	22 800*	60.5	86.2	22 000	62.8	86.9	21 000									34.0	
36.0	54.1	83.1	18 100*	55.7	83.9	21 300*	58.1	85.0	20 500	60.4	85.8	19 600									36.0	
38.0	51.4	81.6	16 800*	53.1	82.5	19 700*	55.6	83.7	19 300	57.9	84.6	18 400									38.0	
40.0	48.7	79.9	15 700*	50.4	80.9	18 200*	53.0	82.2	18 200	55.4	83.2	17 300	59.3	84.5	15 900						40.0	
42.0	45.8	78.0	14 600*	47.7	79.1	16 900*	50.3	80.6	17 100	52.8	81.8	16 300	56.8	83.2	14 900						42.0	
44.0	42.8	75.9	13 600*	44.7	77.2	15 700*	47.5	78.8	16 100	50.1	80.2	15 400	54.3	81.9	14 100						44.0	
46.0	39.6	73.6	12 700*	41.7	75.0	14 600*	44.6	76.9	15 300	47.3	78.4	14 500	51.6	80.3	13 300	55.6	81.6	12 100			46.0	
48.0	36.2	71.0	11 900*	38.4	72.6	13 600*	41.5	74.7	14 300	44.4	76.4	13 700	48.9	78.6	12 500	53.0	80.1	11 400			48.0	
50.0	32.4	68.0	11 200*	34.9	69.9	12 700*	38.2	72.3	13 500	41.3	74.2	12 800	46.0	76.8	11 800	50.3	78.5	10 700			50.0	
52.0	28.2	64.6	10 600*	31.0	66.7	11 900*	34.7	69.5	12 700*	38.0	71.8	12 100	43.0	74.7	11 000	47.5	76.7	10 100	51.5	78.0	9 100	52.0
54.0	23.4	60.3	10 000*	26.6	63.0	11 100*	30.8	66.3	11 800*	34.5	69.0	11 400	39.9	72.4	10 400	44.6	74.8	9 400	48.8	76.3	8 500	54.0
56.0	17.2	54.8	9 000*	21.3	58.4	10 100*	26.3	62.6	11 100*	30.5	65.8	10 700	36.4	69.8	9 800	41.5	72.6	8 800	46.0	74.4	7 900	56.0
58.0				14.4	52.1	8 600*	21.0	58.0	10 300*	26.1	62.0	10 100	32.7	66.9	9 200	38.2	70.2	8 300	42.9	72.4	7 400	58.0
60.0							13.9	51.4	8 800*	20.7	57.3	9 500	28.6	63.5	8 700	34.7	67.4	7 800	39.8	70.1	6 900	60.0
62.0										13.4	50.6	8 900										62.0
64.0													23.8	59.3	8 200	30.8	64.3	7 300	36.3	67.5	6 500	64.0
66.0													17.8	53.9	7 700	26.3	60.5	6 900	32.6	64.5	6 100	66.0
																21.0	55.9	6 500	28.4	61.0	5 700	68.0
68.0																13.9	49.4	6 100	23.6	56.9	5 400	70.0
70.0																			17.6	51.4	5 000	



Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A with
Boom No. 57
99 740 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speeds (all boom lengths)	
13 m/s with 21.3m thru 33.5m Luffing Jib	
11 m/s with 36.6m thru 42.7m Luffing Jib	
9 m/s with 45.7m thru 51.8m Luffing Jib	
7 m/s with 54.9m thru 67.1m Luffing Jib	
5 m/s with 70.1m and 73.2m Luffing Jib	

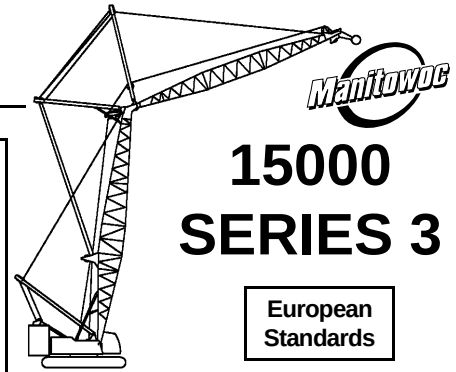
36.5m (120 Ft.) Boom, 57.9m (190 Ft.) Luffing Jib

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			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
18.3	75.6	94.9	22 700*																18.3
20.0	73.8	94.4	22 500*																20.0
22.0	71.7	93.8	22 300*	73.1	94.1	25 500*													22.0
24.0	69.6	93.1	22 000*	71.0	93.5	25 300*													24.0
26.0	67.5	92.3	21 800*	68.9	92.7	25 200*	70.9	93.2	24 500*										26.0
28.0	65.3	91.4	21 600*	66.7	91.9	25 000*	68.8	92.5	24 400*										28.0
30.0	63.1	90.4	21 200*	64.5	91.0	24 500*	66.6	91.6	24 300*										30.0
32.0	60.9	89.3	20 100*	62.3	89.9	23 400*	64.4	90.7	23 200	66.5	91.2	22 100							32.0
34.0	58.6	88.2	18 900*	60.1	88.8	22 100*	62.2	89.7	21 600	64.3	90.3	20 700							34.0
36.0	56.2	86.9	17 700*	57.7	87.6	20 800*	59.9	88.6	20 300	62.1	89.3	19 300							36.0
38.0	53.8	85.4	16 600*	55.4	86.3	19 500*	57.6	87.3	19 000	59.8	88.2	18 100							38.0
40.0	51.3	83.9	15 500*	52.9	84.8	18 300*	55.2	86.0	17 900	57.5	86.9	17 000	61.1	88.1	15 600				40.0
42.0	48.7	82.2	14 500*	50.4	83.2	16 900*	52.8	84.5	16 800	55.1	85.6	16 000	58.8	86.9	14 700				42.0
44.0	46.0	80.3	13 500*	47.7	81.4	15 700*	50.2	82.9	15 900	52.6	84.1	15 100	56.4	85.6	13 800				44.0
46.0	43.2	78.3	12 700*	45.0	79.5	14 500*	47.6	81.1	15 000	50.1	82.5	14 300	54.0	84.2	13 000	57.6	85.2	11 900	46.0
48.0	40.2	76.0	11 900*	42.1	77.4	13 600*	44.8	79.2	14 200	47.4	80.7	13 500	51.5	82.6	12 300	55.2	83.9	11 200	48.0
50.0	37.0	73.4	11 200*	39.0	75.0	12 600*	41.9	77.0	13 400	44.7	78.7	12 700	48.9	80.9	11 700	52.8	82.4	10 600	50.0
52.0	33.5	70.6	10 600*	35.7	72.3	11 800*	38.9	74.7	12 600*	41.8	76.6	12 000	46.2	79.1	11 000	50.2	80.8	9 900	52.0
54.0	29.7	67.2	10 000*	32.1	69.3	11 000*	35.5	72.0	11 700*	38.7	74.2	11 300	43.4	77.0	10 300	47.6	79.0	9 300	54.0
56.0	25.3	63.3	9 500*	28.2	65.8	10 300*	32.0	68.9	11 000*	35.4	71.5	10 600	40.4	74.8	9 700	44.8	77.1	8 700	56.0
58.0	20.1	58.5	8 600*	23.6	61.6	9 600*	27.9	65.4	10 300*	31.7	68.4	10 000	37.2	72.3	9 100	41.9	74.9	8 200	58.0
60.0	13.0	51.6	7 300*	17.8	56.2	8 400*	23.3	61.2	9 600*	27.7	64.9	9 500	33.8	69.4	8 600	38.9	72.6	7 700	60.0
62.0				9.1	47.6	6 800*	17.5	55.7	8 600*	23.0	60.6	8 900	30.0	66.1	8 100	35.5	69.9	7 200	62.0
64.0							8.4	46.7	7 100*	17.1	55.0	8 400	25.7	62.3	7 600	31.9	66.8	6 800	64.0
66.0													20.5	57.5	7 200	27.9	63.3	6 400	66.0
68.0													13.7	50.8	6 700	23.3	59.1	6 000	68.0
70.0																17.5	53.6	5 600	70.0

Liftcrane Luffing Jib Capacities

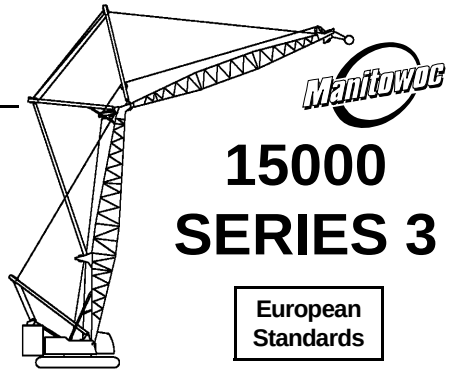
Luffing Jib No. 149A with
Boom No. 57
99 740 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speeds (all boom lengths)	
13 m/s with 21.3m thru 33.5m Luffing Jib	
11 m/s with 36.6m thru 42.7m Luffing Jib	
9 m/s with 45.7m thru 51.8m Luffing Jib	
7 m/s with 54.9m thru 67.1m Luffing Jib	
5 m/s with 70.1m and 73.2m Luffing Jib	



36.5m (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			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
19.8	74.8	97.7	20 500*																19.8
20.0	74.6	97.6	20 400*																20.0
22.0	72.7	97.0	20 200*																22.0
24.0	70.7	96.3	20 000*	72.0	96.7	22 900*													24.0
26.0	68.7	95.6	19 800*	70.0	96.0	22 700*													26.0
28.0	66.7	94.7	19 600*	68.0	95.2	22 500*	69.9	95.7	22 000*										28.0
30.0	64.6	93.8	19 400*	65.9	94.3	22 300*	67.9	94.9	21 800*										30.0
32.0	62.5	92.8	19 200*	63.8	93.4	22 100*	65.8	94.1	21 800*	67.7	94.6	21 600							32.0
34.0	60.3	91.7	18 200*	61.7	92.3	21 100*	63.7	93.1	21 300	65.7	93.7	20 200							34.0
36.0	58.1	90.5	17 100*	59.5	91.2	20 000*	61.6	92.1	19 800	63.6	92.7	18 900							36.0
38.0	55.9	89.2	16 100*	57.3	89.9	18 900*	59.4	90.9	18 600	61.5	91.7	17 700							38.0
40.0	53.6	87.7	15 100*	55.0	88.6	17 800*	57.2	89.7	17 500	59.3	90.5	16 600							40.0
42.0	51.2	86.2	14 200*	52.7	87.1	16 700*	54.9	88.3	16 400	57.1	89.3	15 600	60.5	90.4	14 300				42.0
44.0	48.7	84.5	13 300*	50.3	85.5	15 400*	52.6	86.8	15 500	54.8	87.9	14 700	58.3	89.2	13 400				44.0
46.0	46.1	82.6	12 500*	47.8	83.7	14 300*	50.2	85.2	14 600	52.5	86.4	13 900	56.1	87.9	12 600				46.0
48.0	43.5	80.6	11 700*	45.2	81.8	13 300*	47.7	83.4	13 900	50.0	84.8	13 100	53.7	86.5	11 900				48.0
50.0	40.6	78.3	11 000*	42.5	79.7	12 400*	45.0	81.5	13 100	47.5	83.0	12 400	51.4	84.9	11 200	54.9	86.2	10 200	50.0
52.0	37.6	75.8	10 400*	39.6	77.4	11 500*	42.3	79.4	12 300*	44.9	81.1	11 700	48.9	83.2	10 600	52.6	84.7	9 600	52.0
54.0	34.4	73.1	9 800*	36.5	74.8	10 800*	39.4	77.0	11 500*	42.1	78.9	11 100	46.3	81.4	10 000	50.2	83.1	9 000	54.0
56.0	30.9	69.9	9 300*	33.2	71.9	10 100*	36.3	74.4	10 800*	39.2	76.6	10 400	43.7	79.4	9 400	47.7	81.3	8 500	56.0
58.0	27.0	66.2	8 900*	29.5	68.5	9 400*	33.0	71.5	10 100*	36.1	73.9	9 800	40.9	77.1	8 900	45.0	79.4	8 000	58.0
60.0	22.4	61.8	8 100*	25.4	64.6	8 800*	29.3	68.1	9 400*	32.8	71.0	9 200	37.9	74.7	8 300	42.3	77.3	7 400	60.0
62.0	16.7	56.0	7 000*	20.5	59.8	7 900*	25.2	64.2	8 800*	29.1	67.6	8 700	34.7	71.9	7 900	39.4	74.9	7 000	62.0
64.0	7.3	46.3	5 500*	14.0	53.2	6 700*	20.2	59.3	8 100*	24.9	63.6	8 200	31.2	68.8	7 400	36.3	72.3	6 600	64.0
66.0							13.6	52.6	6 900*	19.9	58.7	7 800	27.3	65.1	7 000	33.0	69.4	6 200	66.0
68.0										13.1	51.7	7 100	22.8	60.8	6 500	29.3	66.0	5 800	68.0
70.0													17.1	55.2	6 100	25.2	62.1	5 400	70.0
72.0																20.2	57.2	5 100	72.0
74.0																13.6	50.5	4 700	74.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A with
Boom No. 57
99 740 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speeds (all boom lengths)		
13 m/s with 21.3m thru 33.5m Luffing Jib		
11 m/s with 36.6m thru 42.7m Luffing Jib		
9 m/s with 45.7m thru 51.8m Luffing Jib		
7 m/s with 54.9m thru 67.1m Luffing Jib		
5 m/s with 70.1m and 73.2m Luffing Jib		

36.5m (120 Ft.) Boom, 64.0m (210 Ft.) Luffing Jib

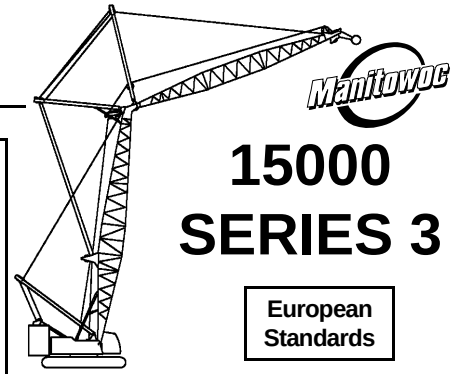
Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Elev. m	Luffing Jib Capacity Kilograms	
19.8	75.6	100.8	18 600*													19.8
20.0	75.4	100.8	18 600*													20.0
22.0	73.5	100.2	18 400*													22.0
24.0	71.7	99.6	18 100*	72.9	99.9	20 800*										24.0
26.0	69.8	98.8	17 900*	71.0	99.2	20 600*										26.0
28.0	67.8	98.1	17 700*	69.1	98.5	20 400*										28.0
30.0	65.9	97.2	17 500*	67.1	97.7	20 200*	69.0	98.2	19 800*							30.0
32.0	63.9	96.2	17 300*	65.2	96.8	20 000*	67.0	97.4	19 600*							32.0
34.0	61.9	95.2	17 100*	63.2	95.8	19 700*	65.1	96.5	19 500*	66.9	97.0	19 800				34.0
36.0	59.8	94.1	16 600*	61.1	94.7	19 100*	63.1	95.5	19 200	64.9	96.1	18 500				36.0
38.0	57.7	92.8	15 600*	59.1	93.5	18 100*	61.0	94.4	18 200	62.9	95.1	17 300				38.0
40.0	55.6	91.5	14 700*	56.9	92.3	17 200*	59.0	93.3	17 100	60.9	94.1	16 200				40.0
42.0	53.4	90.1	13 900*	54.8	90.9	16 300*	56.8	92.0	16 100	58.8	92.9	15 300	62.0	93.9	13 900	42.0
44.0	51.1	88.5	13 000*	52.5	89.4	15 200*	54.7	90.6	15 100	56.7	91.6	14 400	60.0	92.8	13 100	44.0
46.0	48.7	86.8	12 300*	50.2	87.8	14 100*	52.4	89.1	14 300	54.5	90.2	13 500	57.9	91.6	12 300	46.0
48.0	46.3	84.9	11 600*	47.9	86.0	13 100*	50.1	87.5	13 500	52.3	88.7	12 800	55.7	90.2	11 600	48.0
50.0	43.7	82.9	10 900*	45.4	84.1	12 100*	47.7	85.7	12 800	50.0	87.1	12 100	53.5	88.8	10 900	50.0
52.0	41.1	80.7	10 300*	42.8	82.0	11 400*	45.2	83.8	12 100*	47.6	85.3	11 400	51.3	87.2	10 300	52.0
54.0	38.2	78.2	9 700*	40.1	79.7	10 600*	42.6	81.7	11 300*	45.1	83.4	10 800	48.9	85.5	9 700	54.0
56.0	35.2	75.5	9 200*	37.2	77.2	9 900*	39.9	79.4	10 500*	42.5	81.2	10 200	46.5	83.7	9 200	56.0
58.0	32.0	72.5	8 700*	34.1	74.4	9 200*	37.0	76.8	9 900*	39.8	78.9	9 600	43.9	81.7	8 700	58.0
60.0	28.4	69.0	8 200*	30.7	71.2	8 600*	33.9	74.0	9 200*	36.8	76.4	9 000	41.3	79.5	8 200	60.0
62.0	24.3	64.9	7 600*	26.9	67.5	8 100*	30.5	70.8	8 600*	33.7	73.5	8 500	38.5	77.1	7 700	62.0
64.0	19.4	59.8	6 600*	22.6	63.1	7 400*	26.7	67.1	8 000*	30.3	70.3	8 100	35.5	74.4	7 200	64.0
66.0	12.7	52.7	5 500*	17.2	57.5	6 400*	22.4	62.6	7 500*	26.5	66.5	7 600	32.2	71.3	6 800	66.0
68.0				9.2	48.7	5 100*	16.9	56.9	6 600*	22.1	62.0	7 100	28.6	67.9	6 400	68.0
70.0							8.6	47.8	5 400*	16.6	56.2	6 700	24.6	63.8	6 000	70.0
72.0													19.8	58.8	5 600	72.0
74.0													13.4	52.0	5 200	74.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A with
Boom No. 57
99 740 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

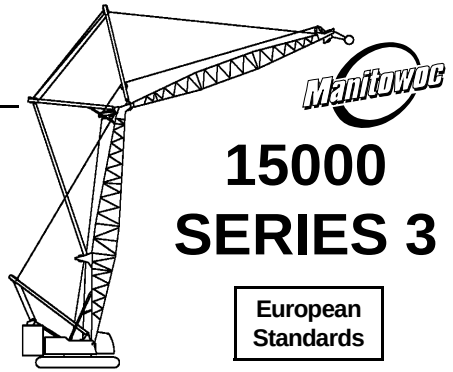
Maximum Operating Wind Speeds
(all boom lengths)

13 m/s with 21.3m thru 33.5m Luffing Jib
11 m/s with 36.6m thru 42.7m Luffing Jib
9 m/s with 45.7m thru 51.8m Luffing Jib
7 m/s with 54.9m thru 67.1m Luffing Jib
5 m/s with 70.1m and 73.2m Luffing Jib



36.5m (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			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
21.3	74.9	103.6	16 800*													21.3
22.0	74.3	103.4	16 700*													22.0
24.0	72.5	102.8	16 500*													24.0
26.0	70.7	102.1	16 300*	71.9	102.4	18 700*										26.0
28.0	68.9	101.3	16 100*	70.1	101.7	18 500*										28.0
30.0	67.0	100.5	15 900*	68.2	101.0	18 300*	70.0	101.5	17 900*							30.0
32.0	65.2	99.6	15 600*	66.4	100.1	18 000*	68.1	100.7	17 700*							32.0
34.0	63.3	98.6	15 500*	64.5	99.2	17 800*	66.3	99.8	17 500*							34.0
36.0	61.3	97.6	15 300*	62.6	98.2	17 600*	64.4	98.9	17 400*	66.2	99.5	18 000				36.0
38.0	59.4	96.4	15 000*	60.6	97.1	17 200*	62.5	97.9	17 200*	64.3	98.5	16 900				38.0
40.0	57.3	95.2	14 200*	58.6	95.9	16 200*	60.5	96.8	16 700	62.4	97.5	15 800				40.0
42.0	55.3	93.8	13 500*	56.6	94.6	15 300*	58.5	95.6	15 700	60.4	96.4	14 800				42.0
44.0	53.2	92.4	12 700*	54.5	93.2	14 400*	56.5	94.3	14 800	58.4	95.2	14 000	61.5	96.3	12 700	44.0
46.0	51.0	90.8	12 000*	52.4	91.7	13 500*	54.4	92.9	13 900	56.4	93.9	13 100	59.5	95.1	11 900	46.0
48.0	48.7	89.1	11 400*	50.2	90.1	12 700*	52.3	91.4	13 100	54.3	92.5	12 400	57.5	93.9	11 200	48.0
50.0	46.4	87.2	10 700*	47.9	88.3	11 900*	50.1	89.8	12 400	52.1	91.0	11 700	55.4	92.6	10 500	50.0
52.0	44.0	85.2	10 100*	45.5	86.4	11 100*	47.8	88.0	11 800	49.9	89.4	11 100	53.3	91.1	9 900	52.0
54.0	41.5	83.0	9 600*	43.1	84.4	10 300*	45.4	86.1	11 000*	47.7	87.6	10 500	51.2	89.5	9 300	54.0
56.0	38.8	80.6	9 100*	40.5	82.1	9 600*	43.0	84.0	10 300*	45.3	85.7	9 900	48.9	87.8	8 800	56.0
58.0	35.9	78.0	8 500*	37.8	79.6	8 900*	40.4	81.7	9 600*	42.8	83.6	9 400	46.6	86.0	8 300	58.0
60.0	32.9	75.0	8 000*	34.9	76.8	8 400*	37.6	79.2	8 900*	40.2	81.3	8 800	44.2	84.0	7 900	60.0
62.0	29.6	71.7	7 400*	31.7	73.8	7 800*	34.7	76.5	8 300*	37.5	78.8	8 300	41.7	81.8	7 400	62.0
64.0	25.9	67.8	6 800*	28.3	70.2	7 300*	31.6	73.4	7 800*	34.5	76.0	7 800	39.0	79.4	7 000	64.0
66.0	21.5	63.2	6 000*	24.4	66.2	6 600*	28.1	69.8	7 300*	31.4	72.9	7 400	36.2	76.8	6 500	66.0
68.0	16.2	57.2	5 200*	19.7	61.1	5 900*	24.2	65.7	6 700*	27.9	69.3	7 000	33.1	73.9	6 100	68.0
70.0	7.6	47.4	4 000*	13.7	54.3	5 000*	19.5	60.6	6 000*	23.9	65.1	6 500	29.8	70.6	5 700	70.0
72.0							13.3	53.7	5 200*	19.2	60.0	6 100	26.1	66.8	5 400	72.0
74.0										12.9	52.8	5 400*	21.9	62.2	5 100	74.0
76.0													16.6	56.4	4 700	76.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A with
Boom No. 57
99 740 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speeds (all boom lengths)	
13 m/s with 21.3m thru 33.5m Luffing Jib	
11 m/s with 36.6m thru 42.7m Luffing Jib	
9 m/s with 45.7m thru 51.8m Luffing Jib	
7 m/s with 54.9m thru 67.1m Luffing Jib	
5 m/s with 70.1m and 73.2m Luffing Jib	

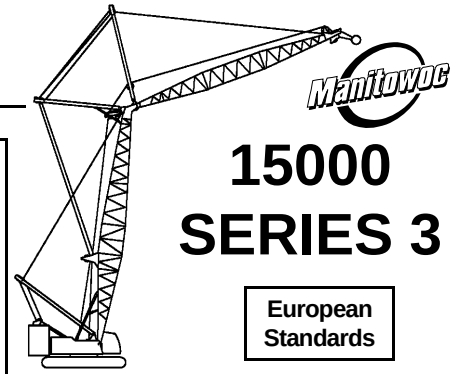
36.5m (120 Ft.) Boom, 70.1m (230 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
21.3	75.6	106.7	15 600*										21.3
22.0	75.0	106.6	15 500*										22.0
24.0	73.3	106.0	15 400*										24.0
26.0	71.6	105.3	15 200*	72.7	105.7	17 500*							26.0
28.0	69.9	104.6	15 000*	71.0	105.0	17 300*							28.0
30.0	68.1	103.8	14 800*	69.2	104.2	17 100*							30.0
32.0	66.3	103.0	14 600*	67.5	103.4	17 000*	69.1	104.0	16 700*				32.0
34.0	64.5	102.1	14 500*	65.7	102.6	16 800*	67.4	103.2	16 600*				34.0
36.0	62.7	101.0	14 300*	63.9	101.6	16 600*	65.6	102.3	16 400*				36.0
38.0	60.8	99.9	14 100*	62.0	100.6	16 300*	63.8	101.3	16 300*	65.5	101.9	16 600	38.0
40.0	58.9	98.8	13 500*	60.1	99.4	15 600*	61.9	100.3	16 100	63.7	100.9	15 500	40.0
42.0	57.0	97.5	12 800*	58.2	98.2	14 800*	60.0	99.2	15 400	61.8	99.9	14 600	42.0
44.0	55.0	96.1	12 100*	56.3	96.9	14 200*	58.1	97.9	14 500	59.9	98.8	13 700	44.0
46.0	53.0	94.7	11 500*	54.3	95.5	13 500*	56.2	96.7	13 600	58.0	97.6	12 900	46.0
48.0	50.9	93.1	10 900*	52.2	94.0	12 600*	54.2	95.2	12 900	56.1	96.2	12 100	48.0
50.0	48.8	91.4	10 300*	50.1	92.4	11 700*	52.1	93.7	12 200	54.1	94.8	11 400	50.0
52.0	46.5	89.5	9 700*	48.0	90.6	10 900*	50.0	92.1	11 500	52.0	93.3	10 800	52.0
54.0	44.2	87.5	9 300*	45.7	88.7	10 100*	47.8	90.3	10 800	49.9	91.7	10 200	54.0
56.0	41.8	85.4	8 800*	43.4	86.7	9 400*	45.6	88.4	10 100*	47.7	89.9	9 600	56.0
58.0	39.3	83.0	8 300*	40.9	84.4	8 800*	43.2	86.3	9 400*	45.4	88.0	9 100	58.0
60.0	36.6	80.4	7 800*	38.3	82.0	8 200*	40.8	84.1	8 700*	43.1	85.9	8 600	60.0
62.0	33.7	77.5	7 300*	35.6	79.3	7 600*	38.2	81.7	8 100*	40.6	83.7	8 200	62.0
64.0	30.6	74.3	6 800*	32.6	76.3	7 100*	35.4	78.9	7 600*	38.0	81.2	7 700	64.0
66.0	27.2	70.7	6 300*	29.4	73.0	6 600*	32.5	75.9	7 100*	35.3	78.5	7 200	66.0
68.0	23.4	66.4	5 700*	25.9	69.1	6 200*	29.3	72.6	6 600*	32.3	75.4	6 800	68.0
70.0	18.7	61.1	4 800*	21.8	64.5	5 600*	25.7	68.7	6 100*	29.1	72.0	6 400	70.0
72.0	12.5	53.8	3 900*	16.7	58.7	4 700*	21.6	64.0	5 700*	25.5	68.1	6 000	72.0
74.0				9.3	49.8	3 600*	16.4	58.1	4 900*	21.3	63.4	5 600	74.0
76.0							8.8	48.9	3 800*	16.1	57.4	5 100*	76.0

Liftcrane Luffing Jib Capacities

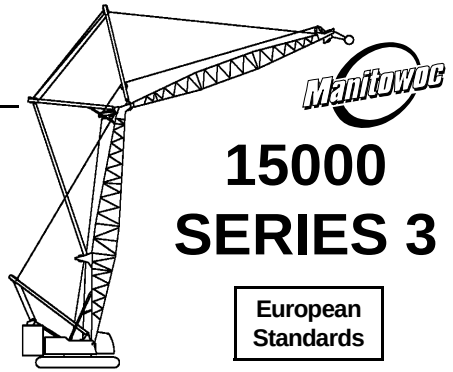
Luffing Jib No. 149A with
Boom No. 57
99 740 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speeds (all boom lengths)		
13 m/s with 21.3m thru 33.5m Luffing Jib		
11 m/s with 36.6m thru 42.7m Luffing Jib		
9 m/s with 45.7m thru 51.8m Luffing Jib		
7 m/s with 54.9m thru 67.1m Luffing Jib		
5 m/s with 70.1m and 73.2m Luffing Jib		



36.5m (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			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
22.9	74.9	109.5	14 100*										22.9
24.0	74.0	109.2	14 000*										24.0
26.0	72.4	108.5	13 800*	73.4	108.8	15 900*							26.0
28.0	70.7	107.9	13 600*	71.8	108.2	15 700*							28.0
30.0	69.1	107.1	13 400*	70.1	107.5	15 500*							30.0
32.0	67.4	106.3	13 300*	68.4	106.7	15 300*	70.0	107.2	15 100*				32.0
34.0	65.7	105.4	13 100*	66.7	105.9	15 100*	68.4	106.5	15 000*				34.0
36.0	63.9	104.5	12 900*	65.0	105.0	15 000*	66.7	105.6	14 800*				36.0
38.0	62.2	103.4	12 800*	63.3	104.0	14 800*	64.9	104.7	14 700*	66.6	105.3	15 800*	38.0
40.0	60.4	102.3	12 600*	61.5	102.9	14 600*	63.2	103.7	14 600*	64.8	104.3	15 100	40.0
42.0	58.5	101.1	12 300*	59.7	101.8	14 200*	61.4	102.7	14 400*	63.1	103.4	14 200	42.0
44.0	56.7	99.8	11 700*	57.9	100.6	13 600*	59.6	101.5	14 100	61.3	102.3	13 300	44.0
46.0	54.8	98.5	11 100*	56.0	99.3	13 000*	57.8	100.3	13 300	59.5	101.1	12 500	46.0
48.0	52.8	97.0	10 600*	54.1	97.8	12 300*	55.9	99.0	12 500	57.7	99.9	11 700	48.0
50.0	50.8	95.4	10 000*	52.1	96.3	11 400*	54.0	97.6	11 800	55.8	98.6	11 100	50.0
52.0	48.8	93.7	9 500*	50.1	94.7	10 600*	52.0	96.0	11 100	53.9	97.2	10 400	52.0
54.0	46.6	91.8	9 000*	48.0	92.9	9 800*	50.0	94.4	10 500	51.9	95.6	9 800	54.0
56.0	44.4	89.9	8 600*	45.8	91.1	9 100*	47.9	92.6	9 800*	49.9	94.0	9 300	56.0
58.0	42.1	87.7	8 100*	43.6	89.0	8 500*	45.7	90.7	9 100*	47.8	92.2	8 800	58.0
60.0	39.7	85.4	7 600*	41.3	86.8	7 900*	43.5	88.7	8 500*	45.6	90.3	8 300	60.0
62.0	37.2	82.8	7 000*	38.8	84.4	7 300*	41.1	86.5	7 900*	43.4	88.2	7 800	62.0
64.0	34.5	80.0	6 500*	36.2	81.7	6 800*	38.7	84.0	7 300*	41.0	86.0	7 400	64.0
66.0	31.6	76.9	6 100*	33.5	78.8	6 400*	36.1	81.4	6 800*	38.5	83.6	7 000	66.0
68.0	28.4	73.4	5 700*	30.5	75.6	5 900*	33.3	78.5	6 300*	35.9	80.9	6 600	68.0
70.0	24.9	69.4	5 200*	27.2	71.9	5 500*	30.3	75.2	5 900*	33.1	78.0	6 200	70.0
72.0	20.8	64.6	4 400*	23.5	67.6	5 100*	27.0	71.5	5 500*	30.1	74.7	5 800	72.0
74.0	15.7	58.4	3 600*	19.1	62.4	4 400*	23.3	67.2	5 100*	26.8	71.0	5 400*	74.0
76.0	7.9	48.6	2 600*	13.4	55.4	3 500*	18.9	61.9	4 500*	23.1	66.6	5 100*	76.0
78.0							13.1	54.8	3 700*	18.6	61.2	4 600*	78.0
80.0										12.7	53.9	3 900*	80.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A with
Boom No. 57
99 740 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

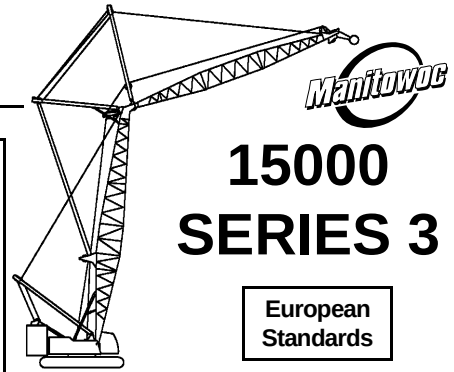
Maximum Operating Wind Speeds (all boom lengths)		
13 m/s with 21.3m thru 33.5m Luffing Jib		
11 m/s with 36.6m thru 42.7m Luffing Jib		
9 m/s with 45.7m thru 51.8m Luffing Jib		
7 m/s with 54.9m thru 67.1m Luffing Jib		
5 m/s with 70.1m and 73.2m Luffing Jib		

39.5m (130 Ft.) Boom, 21.3m (70 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
13.7	62.7	60.7	63 700*b																			13.7
14.0	61.9	60.6	62 800*b																			14.0
16.0	55.5	59.3	56 200*b	59.9	60.1	58 900b																16.0
18.0	48.6	57.7	48 600*	53.4	58.7	52 500	60.1	59.9	50 600b													18.0
20.0	40.8	55.6	43 700*	46.3	57.0	47 000*	53.6	58.5	45 600	60.2	59.6	43 900b										20.0
22.0	31.4	52.7	38 900*	38.1	54.7	41 900*	46.5	56.8	41 400	53.7	58.2	39 900b										22.0
24.0	18.0	48.2	32 600*	27.9	51.5	37 800*	38.3	54.5	38 000	46.6	56.5	36 500	58.2	58.4	34 200b							24.0
26.0							28.2	51.3	35 100	38.5	54.2	33 700	51.5	56.9	31 500							26.0
28.0										28.5	51.1	31 000	44.1	55.0	29 100	55.8	56.8	27 200b				28.0
30.0													35.5	52.5	26 600	48.9	55.2	25 000				30.0
32.0													24.4	48.9	24 400	41.2	53.1	23 000	53.0	54.8	21 500	32.0
34.0																31.9	50.3	21 200	45.8	53.0	19 800	34.0
36.0																18.8	45.9	19 600	37.5	50.7	18 300	36.0
38.0																			27.2	47.4	17 000	38.0

39.5m (130 Ft.) Boom, 24.4m (80 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
13.7	66.4	64.1	61 700*b																			13.7
14.0	65.7	64.0	60 900*b																			14.0
16.0	60.3	62.9	55 200*b	64.0	63.6	57 700b																16.0
18.0	54.7	61.6	48 900*	58.6	62.5	51 400	64.2	63.4	49 600b													18.0
20.0	48.6	60.0	43 300*	52.9	61.0	46 400	58.8	62.2	44 700	64.3	63.0	43 000b										20.0
22.0	41.9	57.9	38 800*	46.6	59.3	41 900*	53.0	60.8	40 600	58.9	61.9	39 100										22.0
24.0	34.1	55.3	34 900*	39.6	57.1	37 600*	46.8	59.1	37 200	53.1	60.5	35 800										24.0
26.0	24.1	51.5	31 500*	31.3	54.2	34 100*	39.8	56.9	34 300	46.9	58.8	32 900	57.1	60.7	30 800							26.0
28.0				20.1	49.8	30 400*	31.6	54.0	31 800	40.0	56.6	30 500	51.2	59.2	28 500							28.0
30.0							20.5	49.8	29 200	31.8	53.8	28 200	44.8	57.3	26 400	55.0	59.1	24 600				30.0
32.0										20.8	49.5	25 900	37.5	55.0	24 300	48.9	57.5	22 700				32.0
34.0													28.6	51.8	22 400	42.2	55.5	20 900				34.0
36.0													15.6	46.6	20 700	34.5	52.8	19 400	46.2	55.3	18 000	36.0
38.0																24.7	49.2	18 000	39.1	53.1	16 700	38.0
40.0																			30.7	50.1	15 600	40.0
42.0																			19.2	45.6	14 500	42.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A with
Boom No. 57
99 740 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speeds (all boom lengths)		
13 m/s with 21.3m thru 33.5m Luffing Jib		
11 m/s with 36.6m thru 42.7m Luffing Jib		
9 m/s with 45.7m thru 51.8m Luffing Jib		
7 m/s with 54.9m thru 67.1m Luffing Jib		
5 m/s with 70.1m and 73.2m Luffing Jib		

39.5m (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	67.4	57 700*b																			13.7
14.0	68.5	67.3	57 400*b																			14.0
16.0	63.9	66.4	54 300*b	67.1	66.9	56 700b																16.0
18.0	59.1	65.3	48 500*	62.5	66.0	50 600	67.2	66.7	48 700b													18.0
20.0	54.1	63.9	42 900*	57.6	64.8	45 700	62.6	65.8	43 900	67.3	66.4	42 300b										20.0
22.0	48.7	62.3	38 600*	52.4	63.3	41 500	57.7	64.6	39 900	62.7	65.4	38 400										22.0
24.0	42.7	60.3	34 700*	46.9	61.6	37 500*	52.6	63.2	36 600	57.8	64.3	35 200										24.0
26.0	36.0	57.7	31 500*	40.8	59.5	34 000*	47.0	61.4	33 800	52.7	62.8	32 400	61.1	64.3	30 300							26.0
28.0	28.0	54.5	28 700*	33.7	56.7	31 000*	40.9	59.3	31 300	47.2	61.1	30 000	56.2	63.0	28 000							28.0
30.0	16.5	49.3	24 900*	25.0	53.0	28 500*	33.9	56.6	29 100	41.1	59.0	27 900	50.9	61.5	26 000							30.0
32.0				10.6	46.5	23 300*	25.2	52.9	26 800	34.1	56.3	25 800	45.3	59.7	24 100	54.3	61.4	22 500				32.0
34.0										25.4	52.7	23 800	38.9	57.4	22 300	48.9	59.8	20 700				34.0
36.0													31.5	54.5	20 700	43.0	57.8	19 200				36.0
38.0													22.0	50.3	19 200	36.4	55.3	17 900	46.5	57.6	16 600	38.0
40.0																28.4	52.0	16 600	40.3	55.5	15 400	40.0
42.0																17.2	47.1	15 500	33.2	52.7	14 400	42.0
44.0																			24.3	48.9	13 500	44.0

39.5m (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.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	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	71.3	70.7	52 500*b																			13.7
14.0	70.8	70.6	52 300*b																			14.0
16.0	66.7	69.8	50 600*b	69.5	70.2	55 200b																16.0
18.0	62.5	68.8	47 900*	65.4	69.4	49 700																18.0
20.0	58.2	67.6	42 700*	61.2	68.3	44 800	65.5	69.2	43 100													20.0
22.0	53.6	66.2	38 200*	56.8	67.1	40 800	61.3	68.2	39 200	65.6	68.9	37 700										22.0
24.0	48.7	64.6	34 400*	52.1	65.6	37 200	56.9	66.9	35 900	61.4	67.8	34 500										24.0
26.0	43.4	62.6	30 900*	47.1	63.9	33 700*	52.2	65.4	33 100	57.0	66.6	31 700										26.0
28.0	37.5	60.2	27 900*	41.7	61.8	30 800*	47.2	63.7	30 600	52.3	65.1	29 400	60.0	66.7	27 400							28.0
30.0	30.7	57.2	25 400*	35.5	59.2	28 200*	41.8	61.6	28 500	47.3	63.4	27 300	55.5	65.3	25 400							30.0
32.0	22.0	53.0	23 600*	28.2	55.9	26 000*	35.7	59.1	26 600	41.9	61.3	25 500	50.7	63.8	23 700							32.0
34.0				18.5	51.1	23 100*	28.5	55.8	24 600	35.8	58.8	23 600	45.6	62.0	22 100	53.8	63.7	20 500				34.0
36.0							18.8	51.0	22 700	28.6	55.5	21 900	40.0	59.8	20 400	48.9	62.1	18 900				36.0
38.0										19.0	50.8	20 300	33.7	57.0	19 000	43.7	60.1	17 600				38.0
40.0													25.9	53.4	17 700	37.8	57.7	16 400	46.8	59.9	15 100	40.0
42.0													14.6	47.8	16 500	31.0	54.7	15 300	41.3	57.8	14 100	42.0
44.0																22.4	50.6	14 300	35.1	55.2	13 200	44.0
46.0																			27.7	51.8	12 400	46.0
48.0																			17.7	46.9	11 600	48.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A with
Boom No. 57
99 740 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speeds (all boom lengths)	
13 m/s with 21.3m thru 33.5m Luffing Jib	
11 m/s with 36.6m thru 42.7m Luffing Jib	
9 m/s with 45.7m thru 51.8m Luffing Jib	
7 m/s with 54.9m thru 67.1m Luffing Jib	
5 m/s with 70.1m and 73.2m Luffing Jib	

39.5m (130 Ft.) Boom, 33.5m (110 Ft.) Luffing Jib

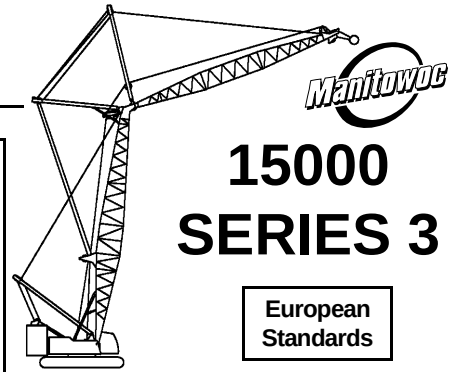
Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
13.7	73.1	73.9	47 800*																			13.7
14.0	72.6	73.8	47 600*																			14.0
16.0	68.9	73.1	46 300*	71.5	73.5	53 700*																16.0
18.0	65.2	72.2	44 900*	67.8	72.7	49 000																18.0
20.0	61.4	71.2	41 400*	64.0	71.8	44 200	67.9	72.5	42 500													20.0
22.0	57.4	69.9	37 300*	60.1	70.7	40 300	64.1	71.6	38 700													22.0
24.0	53.2	68.5	33 600*	56.1	69.4	36 900	60.2	70.5	35 400	64.2	71.3	34 000										24.0
26.0	48.7	66.9	30 300*	51.8	67.9	33 600*	56.2	69.2	32 700	60.3	70.2	31 300										26.0
28.0	43.9	64.9	27 300*	47.3	66.2	30 700*	51.9	67.8	30 200	56.3	68.9	29 000										28.0
30.0	38.7	62.6	24 800*	42.4	64.1	28 200*	47.4	66.0	28 100	52.0	67.4	26 900	59.0	69.0	25 100							30.0
32.0	32.7	59.7	22 700*	36.9	61.7	26 000*	42.5	64.0	26 300	47.5	65.7	25 200	54.9	67.7	23 400							32.0
34.0	25.6	56.0	21 000*	30.7	58.6	24 100*	37.1	61.5	24 600	42.6	63.7	23 500	50.6	66.1	21 800							34.0
36.0	15.5	50.5	19 000*	22.9	54.5	22 000*	30.9	58.5	22 800	37.2	61.2	21 900	46.0	64.3	20 400	53.4	66.0	18 900				36.0
38.0				10.5	47.6	18 200*	23.2	54.4	21 200	31.0	58.2	20 300	40.9	62.1	18 900	48.9	64.4	17 500				38.0
40.0										23.3	54.2	19 000	35.3	59.5	17 600	44.2	62.4	16 300	51.5	64.0	15 100	40.0
42.0													28.7	56.2	16 500	38.9	60.1	15 200	47.0	62.2	14 000	42.0
44.0													20.3	51.7	15 400	33.0	57.3	14 300	42.0	60.2	13 100	44.0
46.0																25.9	53.7	13 400	36.6	57.7	12 300	46.0
48.0																16.1	48.3	12 600	30.2	54.5	11 500	48.0
50.0																			22.3	50.4	10 800	50.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A with
Boom No. 57
99 740 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

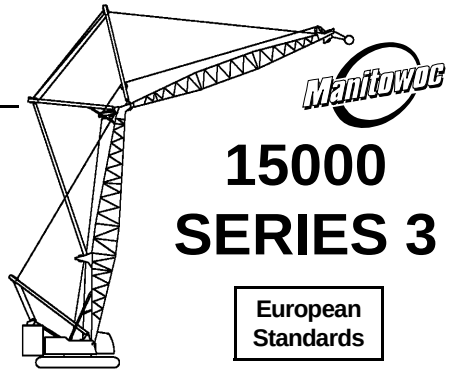
Maximum Operating Wind Speeds
(all boom lengths)

13 m/s with 21.3m thru 33.5m Luffing Jib
11 m/s with 36.6m thru 42.7m Luffing Jib
9 m/s with 45.7m thru 51.8m Luffing Jib
7 m/s with 54.9m thru 67.1m Luffing Jib
5 m/s with 70.1m and 73.2m Luffing Jib



39.5m (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	77.1	43 400*(b)																			13.7
14.0	74.1	77.0	43 300*(b)																			14.0
16.0	70.8	76.3	42 300*																			16.0
18.0	67.4	75.6	41 200*	69.7	76.0	47 900																18.0
20.0	64.0	74.6	39 800*	66.3	75.2	43 400	69.8	75.8	41 700													20.0
22.0	60.4	73.5	36 000*	62.9	74.2	39 500	66.4	75.0	37 900													22.0
24.0	56.7	72.3	32 700*	59.3	73.1	36 200	63.0	74.0	34 800													24.0
26.0	52.8	70.8	29 600*	55.5	71.8	33 400*	59.4	72.9	32 000	63.0	73.7	30 700										26.0
28.0	48.8	69.2	26 800*	51.6	70.2	30 400*	55.6	71.6	29 600	59.4	72.6	28 400										28.0
30.0	44.4	67.2	24 400*	47.4	68.5	27 900*	51.7	70.1	27 600	55.7	71.2	26 400										30.0
32.0	39.7	65.0	22 200*	43.0	66.5	25 700*	47.5	68.3	25 800	51.8	69.7	24 600	58.2	71.3	22 800							32.0
34.0	34.4	62.2	20 400*	38.1	64.1	23 800*	43.1	66.3	24 100	47.6	68.0	23 000	54.4	70.0	21 300							34.0
36.0	28.2	58.9	18 900*	32.6	61.2	22 000*	38.2	63.9	22 600	43.2	66.0	21 600	50.5	68.4	20 000							36.0
38.0	20.4	54.3	17 800*	26.0	57.5	20 300*	32.7	61.0	21 000	38.3	63.6	20 100	46.2	66.6	18 700	53.0	68.3	17 200				38.0
40.0				17.3	52.3	18 000*	26.2	57.4	19 600	32.8	60.8	18 800	41.7	64.5	17 400	48.9	66.7	16 100				40.0
42.0							17.6	52.3	18 100	26.4	57.2	17 500	36.6	62.0	16 300	44.6	64.8	15 000				42.0
44.0										17.8	52.1	16 400	30.9	58.9	15 200	39.9	62.5	14 000	47.2	64.5	12 800	44.0
46.0													23.9	54.9	14 300	34.6	59.8	13 100	42.7	62.5	12 000	46.0
48.0													14.0	48.9	13 400	28.5	56.5	12 300	37.7	60.1	11 300	48.0
50.0																20.8	52.0	11 600	32.2	57.1	10 600	50.0
52.0																			25.6	53.4	9 900	52.0
54.0																			16.6	48.1	9 300	54.0



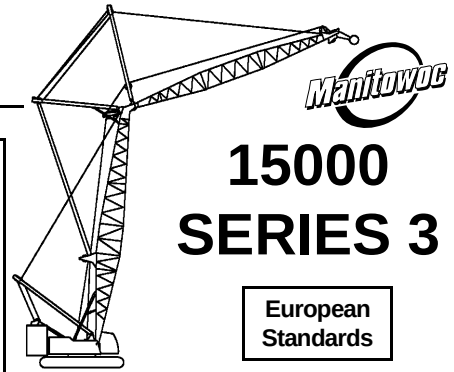
Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A with
Boom No. 57
99 740 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speeds (all boom lengths)	
13 m/s with 21.3m thru 33.5m Luffing Jib	
11 m/s with 36.6m thru 42.7m Luffing Jib	
9 m/s with 45.7m thru 51.8m Luffing Jib	
7 m/s with 54.9m thru 67.1m Luffing Jib	
5 m/s with 70.1m and 73.2m Luffing Jib	

39.5m (130 Ft.) Boom, 39.6m (130 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
13.7	75.8	80.2	39 500*																			13.7
14.0	75.3	80.2	39 400*																			14.0
16.0	72.3	79.6	38 600*																			16.0
18.0	69.2	78.8	37 800*	71.4	79.2	45 600*																18.0
20.0	66.1	78.0	36 800*	68.3	78.5	42 700																20.0
22.0	62.9	77.0	34 800*	65.1	77.6	38 900	68.4	78.3	37 300													22.0
24.0	59.6	75.9	31 700*	61.9	76.6	35 600	65.2	77.4	34 100													24.0
26.0	56.1	74.6	28 900*	58.5	75.4	32 800	61.9	76.4	31 500	65.3	77.1	30 100										26.0
28.0	52.5	73.1	26 300*	55.0	74.1	30 200*	58.6	75.2	29 200	62.0	76.1	27 900										28.0
30.0	48.8	71.5	24 000*	51.4	72.6	27 700*	55.1	73.9	27 100	58.7	74.9	25 900										30.0
32.0	44.8	69.6	21 900*	47.5	70.8	25 500*	51.5	72.4	25 300	55.2	73.6	24 200	60.9	74.9	22 400							32.0
34.0	40.4	67.3	20 000*	43.5	68.8	23 600*	47.7	70.6	23 700	51.6	72.1	22 600	57.6	73.7	20 900							34.0
36.0	35.7	64.7	18 500*	39.0	66.5	21 800*	43.6	68.6	22 200	47.7	70.3	21 200	54.0	72.3	19 600							36.0
38.0	30.3	61.6	17 100*	34.1	63.7	20 000*	39.1	66.3	20 800	43.7	68.3	20 000	50.3	70.7	18 400							38.0
40.0	23.8	57.6	16 100*	28.4	60.3	18 500*	34.2	63.6	19 500	39.2	66.0	18 600	46.4	68.9	17 200	52.7	70.7	15 900				40.0
42.0	14.8	51.7	14 800*	21.4	55.9	17 100*	28.6	60.2	18 200	34.3	63.3	17 400	42.3	66.8	16 100	48.9	69.0	14 800				42.0
44.0				10.5	48.6	14 300*	21.6	55.8	17 100	28.7	60.0	16 300	37.7	64.4	15 100	44.9	67.1	13 800				44.0
46.0												15 300	32.6	61.5	14 100	40.6	64.9	12 900	47.3	66.8	11 800	46.0
48.0													26.7	57.9	13 300	35.9	62.3	12 200	43.2	64.8	11 100	48.0
50.0													19.0	53.0	12 500	30.6	59.2	11 400	38.7	62.5	10 400	50.0
52.0																24.1	55.2	10 700	33.8	59.7	9 700	52.0
54.0																15.3	49.4	10 100	28.0	56.3	9 200	54.0
56.0																			20.9	51.7	8 600	56.0



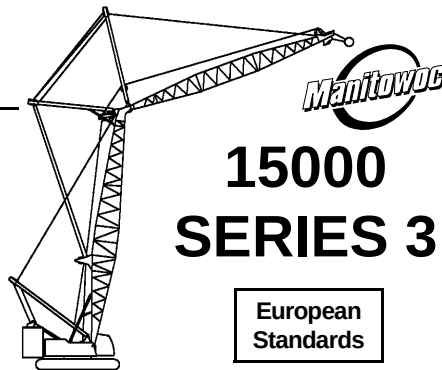
Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A with
Boom No. 57
99 740 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speeds (all boom lengths)		
13 m/s with 21.3m thru 33.5m Luffing Jib		
11 m/s with 36.6m thru 42.7m Luffing Jib		
9 m/s with 45.7m thru 51.8m Luffing Jib		
7 m/s with 54.9m thru 67.1m Luffing Jib		
5 m/s with 70.1m and 73.2m Luffing Jib		

39.5m (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	83.0	35 700*																			15.2
16.0	73.6	82.8	35 300*																			16.0
18.0	70.8	82.1	34 500*																			18.0
20.0	67.9	81.3	33 800*	69.9	81.8	40 700																20.0
22.0	65.0	80.4	32 900*	67.0	81.0	38 300	70.0	81.6	36 600													22.0
24.0	62.0	79.4	30 700*	64.0	80.0	35 000	67.1	80.7	33 500													24.0
26.0	58.8	78.2	28 100*	61.0	79.0	32 300	64.1	79.8	30 900	67.1	80.4	29 600										26.0
28.0	55.6	76.9	25 800*	57.9	77.8	29 900	61.1	78.8	28 600	64.2	79.5	27 300										28.0
30.0	52.3	75.4	23 600*	54.6	76.4	27 500*	57.9	77.6	26 600	61.1	78.4	25 400										30.0
32.0	48.8	73.8	21 600*	51.2	74.8	25 300*	54.7	76.2	24 800	58.0	77.2	23 600										32.0
34.0	45.1	71.9	19 900*	47.7	73.1	23 400*	51.3	74.7	23 200	54.8	75.9	22 100	60.1	77.3	20 400							34.0
36.0	41.1	69.7	18 300*	43.9	71.1	21 700*	47.8	72.9	21 700	51.4	74.3	20 700	57.0	76.0	19 100							36.0
38.0	36.8	67.2	16 900*	39.8	68.8	20 000*	44.0	70.9	20 500	47.8	72.6	19 500	53.7	74.6	17 900							38.0
40.0	32.0	64.2	15 700*	35.3	66.2	18 400*	39.9	68.7	19 300	44.1	70.7	18 300	50.2	73.0	16 900	55.8	74.4	15 400				40.0
42.0	26.4	60.5	14 700*	30.3	63.0	17 100*	35.5	66.0	18 000	40.0	68.4	17 200	46.6	71.2	15 800	52.4	72.9	14 500				42.0
44.0	19.3	55.6	14 000*	24.4	59.1	15 900*	30.5	62.9	16 800	35.6	65.8	16 100	42.8	69.2	14 800	48.9	71.3	13 600				44.0
46.0				16.5	53.5	14 200*	24.5	59.0	15 800	30.6	62.6	15 100	38.6	66.8	13 900	45.2	69.4	12 700	51.0	70.9	11 500	46.0
48.0							16.7	53.5	14 600	24.7	58.7	14 200	34.0	64.0	13 000	41.3	67.2	11 900	47.4	69.1	10 800	48.0
50.0										16.9	53.3	13 300	28.8	60.7	12 200	37.0	64.7	11 200	43.6	67.1	10 100	50.0
52.0													22.4	56.4	11 500	32.2	61.8	10 500	39.5	64.8	9 500	52.0
54.0													13.5	50.0	10 800	26.6	58.1	9 900	35.0	62.2	8 900	54.0
56.0																19.6	53.3	9 300	30.0	59.0	8 400	56.0
58.0																			23.9	54.9	7 900	58.0
60.0																			15.8	49.2	7 300	60.0



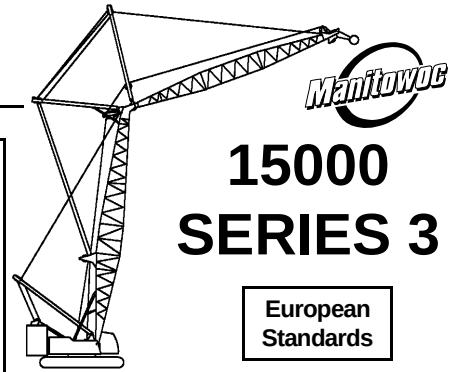
Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A with
Boom No. 57
99 740 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speeds (all boom lengths)	
13 m/s with 21.3m thru 33.5m Luffing Jib	
11 m/s with 36.6m thru 42.7m Luffing Jib	
9 m/s with 45.7m thru 51.8m Luffing Jib	
7 m/s with 54.9m thru 67.1m Luffing Jib	
5 m/s with 70.1m and 73.2m Luffing Jib	

39.5m (130 Ft.) Boom, 45.7m (150 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
15.2	75.7	86.1	32 300*																			15.2
16.0	74.7	85.9	32 100*																			16.0
18.0	72.1	85.3	31 600*																			18.0
20.0	69.5	84.6	31 000*	71.3	85.0	36 900*																20.0
22.0	66.7	83.8	30 400*	68.6	84.3	36 300*																22.0
24.0	64.0	82.8	29 400*	65.9	83.4	34 200*	68.7	84.1	33 100													24.0
26.0	61.1	81.8	27 200*	63.1	82.4	31 800	66.0	83.2	30 500													26.0
28.0	58.2	80.6	25 100*	60.2	81.3	29 500	63.2	82.2	28 200	66.0	82.9	27 000										28.0
30.0	55.2	79.2	23 100*	57.3	80.1	27 300	60.3	81.1	26 200	63.2	81.9	25 000										30.0
32.0	52.1	77.7	21 300*	54.2	78.7	25 200*	57.4	79.9	24 400	60.4	80.8	23 300										32.0
34.0	48.8	76.1	19 600*	51.1	77.2	23 200*	54.3	78.5	22 900	57.4	79.6	21 800	62.3	80.8	20 100							34.0
36.0	45.3	74.2	18 000*	47.7	75.4	21 500*	51.2	77.0	21 400	54.4	78.2	20 500	59.4	79.6	18 800							36.0
38.0	41.7	72.0	16 700*	44.2	73.4	19 800*	47.8	75.2	20 200	51.2	76.7	19 200	56.5	78.3	17 600							38.0
40.0	37.7	69.6	15 400*	40.5	71.2	18 300*	44.3	73.3	19 000	47.9	74.9	18 100	53.4	76.9	16 600							40.0
42.0	33.3	66.7	14 400*	36.4	68.6	16 900*	40.6	71.0	17 900	44.4	73.0	17 100	50.2	75.3	15 600	55.3	76.7	14 300				42.0
44.0	28.4	63.3	13 500*	31.9	65.6	15 700*	36.5	68.5	16 800	40.7	70.7	16 000	46.8	73.5	14 700	52.2	75.3	13 500				44.0
46.0	22.4	59.0	12 800*	26.7	62.0	14 700*	32.0	65.5	15 800	36.6	68.2	15 000	43.2	71.5	13 800	48.9	73.6	12 600				46.0
48.0	14.2	52.8	11 900*	20.2	57.3	13 600*	26.8	61.9	14 800	32.1	65.2	14 100	39.4	69.2	12 900	45.5	71.7	11 800	50.9	73.2	10 700	48.0
50.0				10.4	49.7	11 500*	20.4	57.2	13 900	26.9	61.6	13 300	35.2	66.5	12 200	41.8	69.6	11 100	47.5	71.4	10 000	50.0
52.0										20.6	57.0	12 500	30.5	63.3	11 500	37.9	67.1	10 400	44.0	69.5	9 400	52.0
54.0													25.0	59.5	10 800	33.5	64.3	9 800	40.2	67.2	8 800	54.0
56.0													18.1	54.2	10 200	28.6	60.9	9 200	36.1	64.6	8 300	56.0
58.0																22.7	56.7	8 700	31.6	61.6	7 800	58.0
60.0																14.7	50.6	8 100	26.3	57.9	7 300	60.0
62.0																			19.8	53.1	6 900	62.0
64.0																			9.5	45.1	6 400	64.0



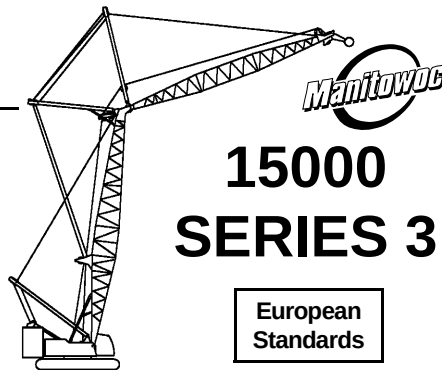
Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A with
Boom No. 57
99 740 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speeds (all boom lengths)	
13 m/s with 21.3m thru 33.5m Luffing Jib	
11 m/s with 36.6m thru 42.7m Luffing Jib	
9 m/s with 45.7m thru 51.8m Luffing Jib	
7 m/s with 54.9m thru 67.1m Luffing Jib	
5 m/s with 70.1m and 73.2m Luffing Jib	

39.5m (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	88.9	29 300*																			16.8
18.0	73.3	88.5	28 900*																			18.0
20.0	70.8	87.9	28 400*	72.5	88.2	33 400*																20.0
22.0	68.3	87.1	27 900*	70.0	87.5	33 200*																22.0
24.0	65.7	86.2	27 400*	67.5	86.7	32 300*																24.0
26.0	63.1	85.2	26 100*	64.9	85.8	30 400*	67.6	86.5	29 900													26.0
28.0	60.4	84.2	24 200*	62.3	84.8	28 500*	65.0	85.6	27 600													28.0
30.0	57.7	82.9	22 400*	59.6	83.7	26 600*	62.3	84.6	25 700	65.0	85.3	24 500										30.0
32.0	54.8	81.6	20 800*	56.8	82.4	24 700*	59.6	83.5	23 900	62.4	84.3	22 800										32.0
34.0	51.9	80.1	19 200*	53.9	81.0	22 800*	56.9	82.2	22 400	59.7	83.2	21 300										34.0
36.0	48.8	78.4	17 800*	50.9	79.4	21 200*	54.0	80.8	21 000	56.9	81.9	20 000	61.5	83.1	18 300							36.0
38.0	45.6	76.5	16 400*	47.8	77.7	19 600*	51.0	79.3	19 700	54.1	80.5	18 700	58.8	82.0	17 200							38.0
40.0	42.2	74.4	15 200*	44.5	75.8	18 100*	47.9	77.5	18 600	51.1	79.0	17 700	56.0	80.7	16 100							40.0
42.0	38.5	72.0	14 200*	41.0	73.6	16 800*	44.6	75.6	17 500	48.0	77.2	16 600	53.1	79.2	15 200							42.0
44.0	34.5	69.2	13 200*	37.3	71.1	15 600*	41.1	73.4	16 600	44.7	75.3	15 700	50.1	77.6	14 300	55.0	79.1	13 000				44.0
46.0	30.0	66.0	12 500*	33.2	68.2	14 500*	37.4	70.9	15 600	41.2	73.1	14 800	46.9	75.8	13 500	52.0	77.6	12 300				46.0
48.0	24.9	62.1	11 800*	28.5	64.8	13 500*	33.3	68.0	14 600	37.5	70.6	13 900	43.6	73.8	12 700	49.0	75.9	11 500				48.0
50.0	18.4	56.9	11 300*	23.0	60.5	12 800*	28.7	64.7	13 800	33.4	67.8	13 100	40.0	71.5	11 900	45.7	74.0	10 800	50.7	75.5	9 700	50.0
52.0				15.8	54.7	11 300*	23.2	60.5	13 000	28.8	64.4	12 300	36.2	68.9	11 200	42.3	71.9	10 100	47.6	73.7	9 100	52.0
54.0							16.0	54.7	11 700*	23.3	60.2	11 600	31.9	65.9	10 600	38.7	69.5	9 600	44.3	71.8	8 500	54.0
56.0										16.2	54.5	10 900	27.1	62.3	9 900	34.7	66.8	9 000	40.8	69.6	8 000	56.0
58.0													21.3	57.8	9 400	30.3	63.6	8 400	37.0	67.1	7 500	58.0
60.0													13.1	51.1	8 800	25.1	59.7	7 900	32.9	64.2	7 000	60.0
62.0																18.7	54.6	7 500	28.2	60.7	6 600	62.0
64.0																8.2	46.0	7 000	22.6	56.4	6 200	64.0
66.0																			15.2	50.4	5 800	66.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A with
Boom No. 57
99 740 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speeds (all boom lengths)	
13 m/s with 21.3m thru 33.5m Luffing Jib	
11 m/s with 36.6m thru 42.7m Luffing Jib	
9 m/s with 45.7m thru 51.8m Luffing Jib	
7 m/s with 54.9m thru 67.1m Luffing Jib	
5 m/s with 70.1m and 73.2m Luffing Jib	

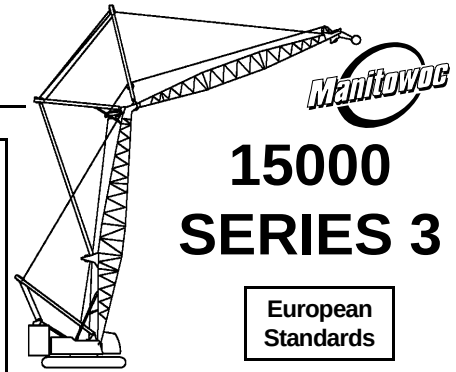
39.5m (130 Ft.) Boom, 51.8m (170 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
16.8	75.7	92.0	26 600*																			16.8
18.0	74.3	91.7	26 500*																			18.0
20.0	72.0	91.1	26 000*	73.6	91.4	30 200*																20.0
22.0	69.6	90.4	25 600*	71.2	90.8	30 100*																22.0
24.0	67.2	89.6	25 200*	68.9	90.0	29 900*																24.0
26.0	64.8	88.7	24 800*	66.5	89.2	28 800*	68.9	89.8	29 100													26.0
28.0	62.3	87.6	23 400*	64.0	88.2	27 200*	66.5	89.0	27 200													28.0
30.0	59.8	86.5	21 700*	61.5	87.2	25 600*	64.1	88.0	25 200	66.6	88.7	24 100										30.0
32.0	57.2	85.3	20 200*	59.0	86.0	23 900*	61.6	87.0	23 500	64.2	87.7	22 400										32.0
34.0	54.5	83.9	18 800*	56.4	84.7	22 300*	59.1	85.8	22 000	61.7	86.7	20 900										34.0
36.0	51.7	82.4	17 500*	53.6	83.3	20 800*	56.4	84.6	20 600	59.1	85.5	19 600										36.0
38.0	48.8	80.7	16 200*	50.8	81.8	19 300*	53.7	83.1	19 300	56.5	84.2	18 400	60.8	85.5	16 800							38.0
40.0	45.8	78.8	15 100*	47.9	80.0	17 900*	50.9	81.6	18 200	53.8	82.8	17 300	58.3	84.3	15 800							40.0
42.0	42.6	76.7	14 000*	44.8	78.1	16 700*	48.0	79.8	17 200	51.0	81.3	16 300	55.6	83.0	14 900							42.0
44.0	39.2	74.4	13 100*	41.6	75.9	15 500*	44.9	77.9	16 200	48.0	79.5	15 400	52.9	81.5	14 000							44.0
46.0	35.5	71.7	12 300*	38.1	73.5	14 400*	41.6	75.7	15 400	45.0	77.6	14 500	50.0	79.9	13 200	54.6	81.4	11 900				46.0
48.0	31.4	68.6	11 500*	34.3	70.7	13 400*	38.2	73.3	14 400	41.7	75.4	13 700	47.1	78.1	12 500	51.8	79.9	11 300				48.0
50.0	26.8	65.0	10 900*	30.1	67.5	12 600*	34.4	70.5	13 600	38.2	73.0	12 900	43.9	76.1	11 800	49.0	78.2	10 600				50.0
52.0	21.3	60.4	10 400*	25.2	63.6	11 900*	30.2	67.3	12 800	34.5	70.3	12 100	40.6	73.9	11 000	45.9	76.3	10 000	50.6	77.8	8 900	52.0
54.0	13.8	53.9	9 500*	19.3	58.6	10 900*	25.4	63.5	12 100	30.3	67.1	11 400	37.1	71.4	10 400	42.7	74.2	9 300	47.7	76.1	8 300	54.0
56.0				10.4	50.8	9 000*	19.5	58.5	11 100	25.5	63.2	10 800	33.2	68.5	9 800	39.3	71.9	8 800	44.6	74.1	7 800	56.0
58.0										19.6	58.3	10 200	28.8	65.1	9 200	35.7	69.3	8 200	41.3	71.9	7 300	58.0
60.0													23.7	61.0	8 700	31.6	66.2	7 800	37.8	69.5	6 900	60.0
62.0													17.3	55.5	8 200	27.1	62.6	7 300	34.0	66.7	6 400	62.0
64.0													5.8	45.3	7 700	21.6	58.1	6 800	29.8	63.4	6 000	64.0
66.0																14.2	51.7	6 400	24.9	59.5	5 600	66.0
68.0																			18.9	54.4	5 300	68.0
70.0																			9.6	46.2	4 900	70.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A with
Boom No. 57
99 740 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speeds (all boom lengths)		
13 m/s with 21.3m thru 33.5m Luffing Jib		
11 m/s with 36.6m thru 42.7m Luffing Jib		
9 m/s with 45.7m thru 51.8m Luffing Jib		
7 m/s with 54.9m thru 67.1m Luffing Jib		
5 m/s with 70.1m and 73.2m Luffing Jib		



39.5m (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			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
18.3	74.9	94.8	23 900*																18.3
20.0	73.0	94.3	23 700*																20.0
22.0	70.8	93.6	23 500*	72.3	94.0	27 000*													22.0
24.0	68.6	92.9	23 100*	70.1	93.3	26 900*													24.0
26.0	66.3	92.0	22 700*	67.9	92.5	26 700*	70.2	93.1	26 100*										26.0
28.0	64.0	91.1	22 300*	65.6	91.6	26 000*	67.9	92.3	25 900										28.0
30.0	61.6	90.0	21 100*	63.3	90.7	24 500*	65.6	91.4	24 800										30.0
32.0	59.2	88.9	19 700*	60.9	89.6	23 100*	63.3	90.4	23 000	65.7	91.1	21 900							32.0
34.0	56.7	87.6	18 400*	58.5	88.4	21 800*	61.0	89.4	21 500	63.4	90.1	20 400							34.0
36.0	54.2	86.2	17 200*	56.0	87.1	20 300*	58.5	88.2	20 100	61.0	89.1	19 100							36.0
38.0	51.6	84.7	16 000*	53.4	85.6	19 000*	56.0	86.9	18 900	58.6	87.9	17 900							38.0
40.0	48.8	83.0	14 900*	50.7	84.1	17 700*	53.5	85.4	17 800	56.1	86.6	16 900	60.2	87.9	15 300				40.0
42.0	46.0	81.1	13 900*	48.0	82.3	16 600*	50.8	83.9	16 800	53.5	85.1	15 900	57.8	86.7	14 400				42.0
44.0	43.0	79.0	13 000*	45.1	80.4	15 400*	48.0	82.1	15 800	50.9	83.6	15 000	55.3	85.3	13 500				44.0
46.0	39.8	76.7	12 200*	42.0	78.2	14 400*	45.1	80.2	15 000	48.1	81.8	14 100	52.7	83.8	12 800	56.9	85.1	11 500	46.0
48.0	36.4	74.2	11 400*	38.7	75.9	13 500*	42.1	78.1	14 200	45.2	79.9	13 400	50.0	82.2	12 100	54.3	83.7	10 800	48.0
50.0	32.6	71.2	10 700*	35.2	73.2	12 600*	38.8	75.7	13 400	42.1	77.8	12 700	47.2	80.4	11 400	51.7	82.2	10 200	50.0
52.0	28.5	67.7	10 200*	31.4	70.1	11 800*	35.3	73.0	12 600	38.9	75.4	11 900	44.2	78.4	10 800	49.0	80.5	9 600	52.0
54.0	23.7	63.6	9 700*	27.1	66.4	11 200*	31.5	69.9	11 900	35.4	72.7	11 200	41.1	76.2	10 100	46.1	78.6	9 100	54.0
56.0	17.6	58.2	9 000*	21.9	62.0	10 300*	27.2	66.3	11 200	31.6	69.7	10 600	37.8	73.8	9 500	43.1	76.6	8 500	56.0
58.0				15.2	55.9	8 900*	22.1	61.9	10 600*	27.3	66.1	9 900	34.2	71.0	9 000	39.9	74.3	8 000	58.0
60.0							15.5	55.8	9 200*	22.2	61.6	9 400	30.3	67.8	8 400	36.5	71.7	7 500	60.0
62.0										15.6	55.7	8 900	25.7	63.9	8 000	32.8	68.8	7 000	62.0
64.0													20.3	59.1	7 500	28.7	65.3	6 600	64.0
66.0													12.8	52.2	7 100	23.9	61.2	6 200	66.0
68.0																17.9	55.9	5 800	68.0
70.0																8.5	47.1	5 400	70.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A with
Boom No. 57
99 740 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speeds (all boom lengths)	
13 m/s with 21.3m thru 33.5m Luffing Jib	
11 m/s with 36.6m thru 42.7m Luffing Jib	
9 m/s with 45.7m thru 51.8m Luffing Jib	
7 m/s with 54.9m thru 67.1m Luffing Jib	
5 m/s with 70.1m and 73.2m Luffing Jib	

39.5m (130 Ft.) Boom, 57.9m (190 Ft.) Luffing Jib

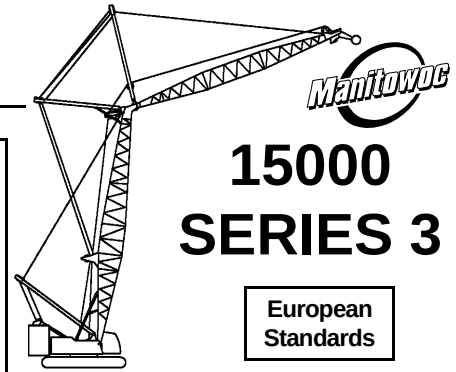
Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
18.3	75.7	97.9	21 700*																18.3
20.0	73.9	97.5	21 600*																20.0
22.0	71.9	96.8	21 300*	73.3	97.2	24 500*													22.0
24.0	69.8	96.1	21 200*	71.2	96.5	24 300*													24.0
26.0	67.6	95.3	20 800*	69.1	95.8	24 200*													26.0
28.0	65.5	94.4	20 500*	67.0	95.0	24 000*	69.1	95.6	23 500*										28.0
30.0	63.3	93.5	20 100*	64.8	94.1	23 400*	67.0	94.8	23 400*										30.0
32.0	61.0	92.4	19 000*	62.6	93.1	22 100*	64.8	93.8	22 700	67.0	94.4	21 500							32.0
34.0	58.7	91.2	17 900*	60.3	91.9	20 900*	62.6	92.8	21 200	64.9	93.5	20 100							34.0
36.0	56.4	89.9	16 700*	58.0	90.7	19 700*	60.4	91.7	19 800	62.7	92.5	18 800							36.0
38.0	53.9	88.5	15 700*	55.6	89.4	18 500*	58.0	90.5	18 600	60.4	91.4	17 600							38.0
40.0	51.4	87.0	14 600*	53.2	87.9	17 400*	55.7	89.2	17 500	58.1	90.2	16 600	61.9	91.4	15 100				40.0
42.0	48.8	85.3	13 700*	50.6	86.4	16 300*	53.2	87.8	16 500	55.7	88.9	15 600	59.7	90.2	14 200				42.0
44.0	46.1	83.4	12 800*	48.0	84.6	15 200*	50.7	86.2	15 600	53.3	87.4	14 700	57.3	89.0	13 300				44.0
46.0	43.3	81.4	12 000*	45.3	82.7	14 200*	48.1	84.4	14 700	50.8	85.9	13 900	54.9	87.6	12 500				46.0
48.0	40.3	79.1	11 300*	42.4	80.6	13 400*	45.3	82.5	13 900	48.1	84.1	13 100	52.5	86.1	11 800	56.5	87.4	10 600	48.0
50.0	37.1	76.6	10 600*	39.3	78.2	12 500*	42.5	80.4	13 200	45.4	82.2	12 400	49.9	84.5	11 200	54.0	86.0	10 000	50.0
52.0	33.7	73.7	10 000*	36.1	75.6	11 700*	39.4	78.1	12 500	42.5	80.1	11 800	47.3	82.7	10 600	51.5	84.5	9 400	52.0
54.0	29.9	70.4	9 500*	32.5	72.7	11 000*	36.2	75.5	11 800	39.5	77.8	11 100	44.5	80.8	10 000	49.0	82.8	8 900	54.0
56.0	25.6	66.6	9 000*	28.6	69.2	10 400*	32.6	72.5	11 100	36.2	75.2	10 500	41.6	78.6	9 400	46.3	80.9	8 400	56.0
58.0	20.4	61.8	8 700*	24.1	65.1	9 800*	28.7	69.1	10 400*	32.7	72.2	9 900	38.5	76.2	8 900	43.4	78.9	7 900	58.0
60.0	13.5	55.0	7 400*	18.5	59.9	8 600*	24.2	65.0	9 800*	28.8	68.8	9 300	35.1	73.5	8 300	40.5	76.6	7 400	60.0
62.0				10.4	51.9	7 100*	18.7	59.8	8 900*	24.3	64.7	8 800	31.5	70.4	7 900	37.3	74.1	6 900	62.0
64.0							10.7	52.0	7 500*	18.8	59.6	8 300	27.4	66.8	7 400	33.8	71.3	6 500	64.0
66.0													22.7	62.4	7 000	30.1	68.0	6 100	66.0
68.0													16.7	56.7	6 600	25.8	64.2	5 700	68.0
70.0													6.4	46.6	6 100	20.7	59.4	5 400	70.0
72.0																13.9	52.8	5 000	72.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A with
Boom No. 57
99 740 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speeds
(all boom lengths)

13 m/s with 21.3m thru 33.5m Luffing Jib
11 m/s with 36.6m thru 42.7m Luffing Jib
9 m/s with 45.7m thru 51.8m Luffing Jib
7 m/s with 54.9m thru 67.1m Luffing Jib
5 m/s with 70.1m and 73.2m Luffing Jib

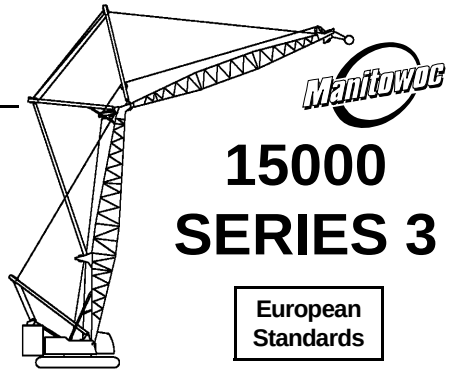


**15000
SERIES 3**

European
Standards

39.5m (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			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
19.8	74.9	100.7	19 600*													19.8
20.0	74.8	100.6	19 600*													20.0
22.0	72.8	100.1	19 400*													22.0
24.0	70.8	99.4	19 200*	72.2	99.7	22 100*										24.0
26.0	68.8	98.6	19 000*	70.2	99.1	21 900*										26.0
28.0	66.8	97.8	18 800*	68.2	98.3	21 700*	70.2	98.8	21 200*							28.0
30.0	64.7	96.9	18 600*	66.1	97.4	21 500*	68.2	98.1	21 100*							30.0
32.0	62.6	95.9	18 200*	64.0	96.5	21 000*	66.2	97.2	21 000*							32.0
34.0	60.4	94.8	17 200*	61.9	95.4	20 000*	64.1	96.3	20 700	66.2	96.9	19 600				34.0
36.0	58.3	93.6	16 200*	59.8	94.3	19 000*	62.0	95.2	19 400	64.1	95.9	18 400				36.0
38.0	56.0	92.2	15 200*	57.6	93.1	17 900*	59.8	94.1	18 200	62.0	94.9	17 200				38.0
40.0	53.7	90.8	14 300*	55.3	91.7	16 900*	57.6	92.9	17 100	59.9	93.8	16 100				40.0
42.0	51.3	89.3	13 400*	53.0	90.3	15 900*	55.4	91.5	16 100	57.7	92.6	15 200	61.3	93.7	13 700	42.0
44.0	48.8	87.6	12 600*	50.6	88.7	14 900*	53.0	90.1	15 200	55.4	91.2	14 300	59.2	92.6	12 900	44.0
46.0	46.3	85.7	11 800*	48.1	86.9	14 000*	50.6	88.5	14 300	53.1	89.7	13 500	56.9	91.3	12 100	46.0
48.0	43.6	83.7	11 100*	45.5	85.0	13 200*	48.1	86.7	13 500	50.7	88.2	12 700	54.7	89.9	11 400	48.0
50.0	40.8	81.5	10 400*	42.7	82.9	12 400*	45.5	84.8	12 800	48.2	86.4	12 100	52.3	88.4	10 800	50.0
52.0	37.8	79.0	9 900*	39.9	80.6	11 600*	42.8	82.7	12 100	45.6	84.5	11 400	49.9	86.8	10 200	52.0
54.0	34.6	76.2	9 300*	36.8	78.1	10 900*	40.0	80.4	11 500	42.9	82.4	10 800	47.4	85.0	9 600	54.0
56.0	31.1	73.1	8 800*	33.5	75.2	10 200*	36.9	77.9	10 900	40.0	80.2	10 200	44.7	83.1	9 100	56.0
58.0	27.2	69.4	8 400*	29.9	71.9	9 500*	33.6	75.0	10 200*	37.0	77.6	9 700	42.0	80.9	8 600	58.0
60.0	22.6	65.0	8 000*	25.8	68.1	8 900*	30.0	71.7	9 500*	33.7	74.7	9 100	39.0	78.6	8 100	60.0
62.0	17.0	59.4	7 100*	21.0	63.3	8 100*	26.0	67.9	8 900*	30.1	71.5	8 600	35.9	75.9	7 600	62.0
64.0	8.1	50.1	5 700*	14.8	57.0	6 900*	21.2	63.3	8 300*	26.0	67.7	8 100	32.6	72.9	7 200	64.0
66.0							15.0	57.0	7 200*	21.3	63.0	7 600	28.8	69.5	6 700	66.0
68.0										15.2	56.8	7 200	24.6	65.5	6 300	68.0
70.0													19.5	60.5	6 000	70.0
72.0													12.5	53.3	5 600	72.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A with
Boom No. 57
99 740 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speeds (all boom lengths)	
13 m/s with 21.3m thru 33.5m Luffing Jib	
11 m/s with 36.6m thru 42.7m Luffing Jib	
9 m/s with 45.7m thru 51.8m Luffing Jib	
7 m/s with 54.9m thru 67.1m Luffing Jib	
5 m/s with 70.1m and 73.2m Luffing Jib	

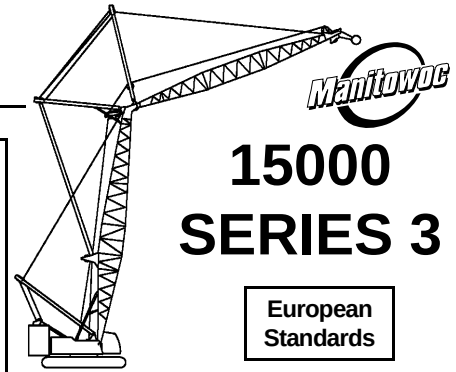
39.5m (130 Ft.) Boom, 64.0m (210 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
19.8	75.7	103.8	17 900*													19.8
20.0	75.5	103.8	17 900*													20.0
22.0	73.6	103.2	17 700*													22.0
24.0	71.8	102.6	17 500*													24.0
26.0	69.9	101.9	17 300*	71.2	102.3	19 900*										26.0
28.0	67.9	101.1	17 100*	69.3	101.6	19 700*										28.0
30.0	66.0	100.2	16 900*	67.3	100.7	19 500*	69.3	101.3	19 100*							30.0
32.0	64.0	99.3	16 700*	65.4	99.8	19 400*	67.4	100.5	19 000*							32.0
34.0	62.0	98.2	16 500*	63.4	98.9	19 100*	65.4	99.7	18 900*	67.4	100.2	19 300				34.0
36.0	59.9	97.1	15 600*	61.3	97.8	18 100*	63.4	98.7	18 700	65.5	99.3	18 000				36.0
38.0	57.8	95.9	14 700*	59.3	96.7	17 200*	61.4	97.6	17 900	63.5	98.3	16 800				38.0
40.0	55.7	94.6	13 900*	57.2	95.4	16 300*	59.3	96.5	16 700	61.4	97.3	15 800				40.0
42.0	53.5	93.1	13 100*	55.0	94.0	15 400*	57.2	95.2	15 700	59.4	96.1	14 900				42.0
44.0	51.2	91.6	12 400*	52.8	92.6	14 600*	55.1	93.8	14 800	57.3	94.9	14 000	60.8	96.1	12 600	44.0
46.0	48.9	89.9	11 600*	50.5	91.0	13 800*	52.8	92.4	14 000	55.1	93.5	13 200	58.7	94.9	11 800	46.0
48.0	46.4	88.0	11 000*	48.1	89.2	13 000*	50.5	90.8	13 200	52.9	92.1	12 400	56.6	93.7	11 100	48.0
50.0	43.9	86.0	10 300*	45.6	87.3	12 200*	48.2	89.0	12 500	50.6	90.5	11 700	54.4	92.3	10 500	50.0
52.0	41.2	83.8	9 700*	43.1	85.2	11 400*	45.7	87.1	11 800	48.2	88.7	11 100	52.1	90.7	9 900	52.0
54.0	38.4	81.4	9 200*	40.3	83.0	10 600*	43.1	85.1	11 200	45.8	86.8	10 500	49.8	89.1	9 300	54.0
56.0	35.4	78.7	8 700*	37.5	80.5	9 900*	40.4	82.8	10 600	43.2	84.8	9 900	47.4	87.3	8 800	56.0
58.0	32.1	75.6	8 300*	34.4	77.7	9 300*	37.6	80.3	9 900*	40.5	82.5	9 400	44.9	85.4	8 300	58.0
60.0	28.6	72.2	7 900*	31.1	74.5	8 700*	34.5	77.5	9 300*	37.6	80.0	8 900	42.3	83.3	7 900	60.0
62.0	24.5	68.1	7 400*	27.3	70.9	8 100*	31.2	74.4	8 700*	34.6	77.2	8 400	39.6	80.9	7 400	62.0
64.0	19.7	63.1	6 700*	23.1	66.6	7 500*	27.5	70.8	8 100*	31.2	74.1	7 900	36.6	78.3	7 000	64.0
66.0	13.2	56.1	5 600*	17.9	61.1	6 600*	23.2	66.5	7 600*	27.5	70.5	7 500	33.5	75.5	6 600	66.0
68.0				10.4	53.0	5 300*	18.0	61.0	6 900*	23.3	66.2	7 000	30.1	72.2	6 100	68.0
70.0							10.6	53.0	5 700*	18.2	60.8	6 600	26.2	68.4	5 800	70.0
72.0													21.8	63.8	5 400	72.0
74.0													16.2	57.9	5 100	74.0
76.0													6.9	47.8	4 700	76.0

Liftcrane Luffing Jib Capacities

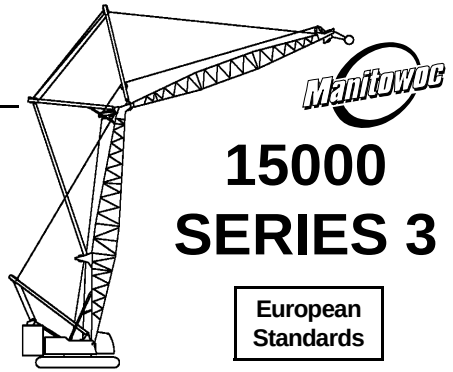
Luffing Jib No. 149A with
Boom No. 57
99 740 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speeds (all boom lengths)		
13 m/s with 21.3m thru 33.5m Luffing Jib		
11 m/s with 36.6m thru 42.7m Luffing Jib		
9 m/s with 45.7m thru 51.8m Luffing Jib		
7 m/s with 54.9m thru 67.1m Luffing Jib		
5 m/s with 70.1m and 73.2m Luffing Jib		



39.5m (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			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib 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	106.6	16 200*										21.3
22.0	74.4	106.4	16 100*										22.0
24.0	72.6	105.8	16 000*										24.0
26.0	70.8	105.1	15 700*	72.1	105.5	18 100*							26.0
28.0	69.0	104.4	15 500*	70.2	104.8	17 900*							28.0
30.0	67.1	103.6	15 400*	68.4	104.0	17 700*							30.0
32.0	65.3	102.7	15 200*	66.6	103.2	17 500*	68.5	103.8	17 200*				32.0
34.0	63.4	101.7	15 000*	64.7	102.3	17 300*	66.6	103.0	17 100*				34.0
36.0	61.4	100.6	14 800*	62.8	101.3	17 100*	64.7	102.1	16 900*	66.6	102.7	17 500	36.0
38.0	59.5	99.5	14 200*	60.8	100.2	16 500*	62.8	101.1	16 800*	64.8	101.7	16 400	38.0
40.0	57.4	98.2	13 400*	58.8	99.0	15 700*	60.9	100.0	16 400	62.9	100.7	15 400	40.0
42.0	55.4	96.9	12 700*	56.8	97.7	14 900*	58.9	98.8	15 300	60.9	99.7	14 400	42.0
44.0	53.3	95.4	12 000*	54.7	96.4	14 100*	56.9	97.5	14 400	58.9	98.5	13 600	44.0
46.0	51.1	93.9	11 300*	52.6	94.9	13 400*	54.8	96.2	13 600	56.9	97.2	12 800	46.0
48.0	48.9	92.2	10 700*	50.4	93.3	12 700*	52.7	94.7	12 800	54.8	95.8	12 000	48.0
50.0	46.5	90.3	10 100*	48.1	91.5	12 000*	50.5	93.1	12 100	52.7	94.4	11 300	50.0
52.0	44.1	88.3	9 600*	45.8	89.6	11 200*	48.2	91.3	11 500	50.5	92.8	10 700	52.0
54.0	41.6	86.2	9 000*	43.3	87.6	10 400*	45.9	89.4	10 900	48.3	91.0	10 100	54.0
56.0	38.9	83.8	8 600*	40.8	85.3	9 700*	43.4	87.4	10 300	45.9	89.2	9 600	56.0
58.0	36.1	81.1	8 100*	38.1	82.9	9 000*	40.8	85.2	9 700*	43.5	87.1	9 000	58.0
60.0	33.1	78.2	7 700*	35.2	80.1	8 400*	38.1	82.7	9 100*	40.9	84.9	8 600	60.0
62.0	29.8	74.9	7 100*	32.1	77.1	7 900*	35.3	80.0	8 400*	38.2	82.4	8 100	62.0
64.0	26.1	71.0	6 700*	28.6	73.6	7 300*	32.2	76.9	7 900*	35.3	79.7	7 700	64.0
66.0	21.8	66.4	6 000*	24.8	69.6	6 600*	28.7	73.5	7 400*	32.2	76.7	7 200	66.0
68.0	16.5	60.6	5 300*	20.3	64.7	5 900*	24.9	69.5	6 800*	28.8	73.2	6 800	68.0
70.0	8.3	51.2	4 100*	14.4	58.2	5 200*	20.4	64.6	6 100*	25.0	69.2	6 400	70.0
72.0							14.6	58.2	5 400*	20.5	64.4	6 000	72.0
74.0										14.8	58.0	5 600	74.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A with
Boom No. 57
99 740 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speeds (all boom lengths)	
13 m/s with 21.3m thru 33.5m Luffing Jib	
11 m/s with 36.6m thru 42.7m Luffing Jib	
9 m/s with 45.7m thru 51.8m Luffing Jib	
7 m/s with 54.9m thru 67.1m Luffing Jib	
5 m/s with 70.1m and 73.2m Luffing Jib	

**15000
SERIES 3**

European
Standards

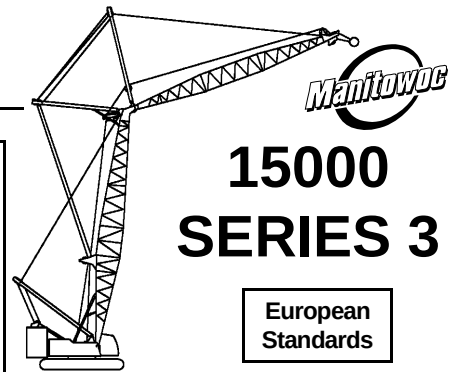
39.5m (130 Ft.) Boom, 70.1m (230 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
21.3	75.7	109.7	15 100*										21.3
22.0	75.1	109.6	15 000*										22.0
24.0	73.4	109.0	14 800*										24.0
26.0	71.7	108.4	14 700*	72.9	108.7	16 900*							26.0
28.0	69.9	107.7	14 500*	71.1	108.1	16 800*							28.0
30.0	68.2	106.9	14 300*	69.4	107.3	16 600*							30.0
32.0	66.4	106.0	14 100*	67.6	106.5	16 400*	69.4	107.1	16 200*				32.0
34.0	64.6	105.1	14 000*	65.9	105.6	16 200*	67.7	106.3	16 100*				34.0
36.0	62.8	104.1	13 800*	64.0	104.7	16 100*	65.9	105.4	16 000*				36.0
38.0	60.9	103.0	13 400*	62.2	103.7	15 500*	64.1	104.5	15 900*	65.9	105.1	16 100	38.0
40.0	59.0	101.8	12 800*	60.3	102.6	14 800*	62.3	103.5	15 700	64.1	104.2	15 000	40.0
42.0	57.1	100.6	12 100*	58.4	101.4	14 100*	60.4	102.3	15 100	62.3	103.1	14 100	42.0
44.0	55.1	99.2	11 500*	56.5	100.1	13 400*	58.5	101.2	14 100	60.4	102.0	13 300	44.0
46.0	53.1	97.7	10 900*	54.5	98.7	12 800*	56.5	99.9	13 300	58.5	100.8	12 500	46.0
48.0	51.0	96.2	10 300*	52.5	97.2	12 100*	54.5	98.5	12 600	56.6	99.6	11 700	48.0
50.0	48.9	94.5	9 700*	50.3	95.6	11 500*	52.5	97.0	11 800	54.6	98.2	11 100	50.0
52.0	46.6	92.6	9 200*	48.2	93.8	10 900*	50.4	95.4	11 200	52.5	96.7	10 500	52.0
54.0	44.3	90.7	8 700*	45.9	91.9	10 200*	48.2	93.6	10 600	50.5	95.1	9 900	54.0
56.0	41.9	88.5	8 300*	43.6	89.9	9 500*	46.0	91.8	10 000	48.3	93.3	9 300	56.0
58.0	39.4	86.1	7 900*	41.2	87.7	8 800*	43.7	89.7	9 500*	46.0	91.4	8 800	58.0
60.0	36.7	83.6	7 500*	38.6	85.3	8 200*	41.2	87.5	8 800*	43.7	89.4	8 300	60.0
62.0	33.9	80.7	7 000*	35.9	82.6	7 700*	38.7	85.1	8 300*	41.3	87.2	7 900	62.0
64.0	30.8	77.5	6 500*	33.0	79.6	7 200*	36.0	82.4	7 700*	38.7	84.8	7 400	64.0
66.0	27.4	73.9	6 100*	29.8	76.3	6 700*	33.0	79.5	7 200*	36.0	82.2	7 100	66.0
68.0	23.6	69.6	5 600*	26.3	72.5	6 200*	29.9	76.2	6 700*	33.1	79.2	6 700	68.0
70.0	19.0	64.4	4 900*	22.2	68.0	5 700*	26.4	72.4	6 200*	29.9	75.9	6 300	70.0
72.0	12.9	57.2	4 000*	17.3	62.3	4 900*	22.4	67.9	5 800*	26.4	72.1	5 900	72.0
74.0				10.3	54.0	3 800*	17.5	62.3	5 200*	22.4	67.7	5 500	74.0
76.0							10.6	54.1	4 100*	17.6	62.1	5 200	76.0

Liftcrane Luffing Jib Capacities

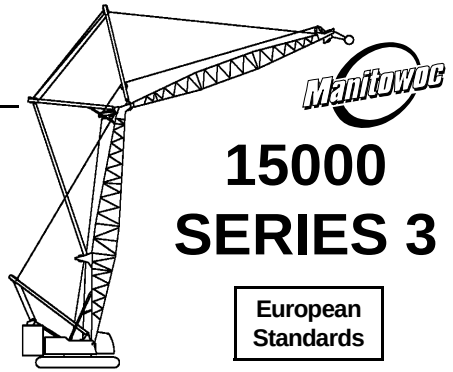
Luffing Jib No. 149A with
Boom No. 57
99 740 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speeds (all boom lengths)	
13 m/s with 21.3m thru 33.5m Luffing Jib	
11 m/s with 36.6m thru 42.7m Luffing Jib	
9 m/s with 45.7m thru 51.8m Luffing Jib	
7 m/s with 54.9m thru 67.1m Luffing Jib	
5 m/s with 70.1m and 73.2m Luffing Jib	



39.5m (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.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
22.9	75.0	112.5	13 600*										22.9
24.0	74.1	112.2	13 500*										24.0
26.0	72.5	111.6	13 400*	73.6	111.9	15 400*							26.0
28.0	70.8	110.9	13 200*	72.0	111.3	15 200*							28.0
30.0	69.1	110.2	13 000*	70.3	110.6	15 100*							30.0
32.0	67.5	109.3	12 900*	68.6	109.8	14 900*	70.3	110.3	14 600*				32.0
34.0	65.7	108.5	12 700*	66.9	109.0	14 700*	68.7	109.6	14 500*				34.0
36.0	64.0	107.5	12 500*	65.2	108.1	14 600*	67.0	108.8	14 400*				36.0
38.0	62.2	106.5	12 400*	63.5	107.1	14 400*	65.3	107.9	14 300*				38.0
40.0	60.5	105.4	12 200*	61.7	106.1	14 100*	63.5	106.9	14 200*	65.3	107.6	14 700	40.0
42.0	58.6	104.2	11 600*	59.9	104.9	13 500*	61.7	105.8	14 000*	63.5	106.6	13 700	42.0
44.0	56.8	102.9	11 100*	58.1	103.7	12 900*	59.9	104.7	13 700	61.8	105.5	12 900	44.0
46.0	54.9	101.5	10 500*	56.2	102.4	12 300*	58.1	103.5	12 900	60.0	104.4	12 100	46.0
48.0	52.9	100.1	10 000*	54.3	101.0	11 800*	56.2	102.2	12 200	58.1	103.2	11 400	48.0
50.0	50.9	98.5	9 500*	52.3	99.5	11 200*	54.3	100.8	11 500	56.3	101.9	10 700	50.0
52.0	48.9	96.8	9 000*	50.3	97.9	10 600*	52.4	99.3	10 900	54.4	100.5	10 100	52.0
54.0	46.7	94.9	8 600*	48.2	96.1	9 900*	50.3	97.7	10 200	52.4	99.0	9 500	54.0
56.0	44.5	93.0	8 100*	46.1	94.2	9 200*	48.3	95.9	9 700	50.4	97.4	9 000	56.0
58.0	42.3	90.8	7 700*	43.8	92.2	8 500*	46.1	94.1	9 100	48.3	95.6	8 500	58.0
60.0	39.9	88.5	7 200*	41.5	90.0	8 000*	43.9	92.0	8 600*	46.2	93.8	8 000	60.0
62.0	37.3	86.0	6 700*	39.1	87.6	7 400*	41.6	89.8	8 000*	43.9	91.7	7 500	62.0
64.0	34.6	83.2	6 300*	36.5	85.0	6 900*	39.1	87.5	7 400*	41.6	89.6	7 100	64.0
66.0	31.8	80.1	5 800*	33.8	82.2	6 400*	36.6	84.9	6 900*	39.2	87.2	6 700	66.0
68.0	28.6	76.6	5 400*	30.8	78.9	5 900*	33.8	82.0	6 400*	36.6	84.6	6 400	68.0
70.0	25.1	72.6	5 000*	27.6	75.3	5 500*	30.9	78.8	6 000*	33.9	81.7	6 000	70.0
72.0	21.0	67.8	4 600*	23.9	71.1	5 100*	27.6	75.2	5 500*	30.9	78.5	5 700	72.0
74.0	16.0	61.8	3 700*	19.6	66.0	4 500*	24.0	71.0	5 100*	27.7	74.9	5 300	74.0
76.0	8.5	52.3	2 700*	14.1	59.3	3 600*	19.8	65.9	4 700*	24.1	70.8	5 000	76.0
78.0							14.3	59.3	3 900*	19.8	65.7	4 700	78.0
80.0										14.4	59.1	4 200	80.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A with
Boom No. 57
99 740 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speeds (all boom lengths)		
13 m/s with 21.3m thru 33.5m Luffing Jib		
11 m/s with 36.6m thru 42.7m Luffing Jib		
9 m/s with 45.7m thru 51.8m Luffing Jib		
7 m/s with 54.9m thru 67.1m Luffing Jib		
5 m/s with 70.1m and 73.2m Luffing Jib		

**15000
SERIES 3**

European
Standards

42.5m (139 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	63.0	63.8	63 700*b																			13.7
14.0	62.2	63.6	62 800*b																			14.0
16.0	55.8	62.4	56 100*b	60.6	63.2	57 700b																16.0
18.0	49.0	60.8	48 600*	54.1	61.9	51 500	61.2	63.1	49 500b													18.0
20.0	41.2	58.7	42 800*	47.0	60.2	46 200*	54.8	61.8	44 600b	61.8	62.8	42 800b										20.0
22.0	32.0	55.9	38 200*	39.0	58.0	41 200*	47.8	60.1	40 600	55.5	61.6	38 900b										22.0
24.0	19.0	51.5	31 900*	29.1	54.9	37 100*	39.9	58.0	37 200	48.5	60.0	35 700										24.0
26.0							30.3	55.0	34 400	40.8	57.8	32 900	54.2	60.4	30 500b							26.0
28.0										31.4	55.0	30 400	47.1	58.7	28 300							28.0
30.0										17.9	50.4	28 000	39.1	56.5	26 200	52.5	58.9	24 300				30.0
32.0													29.2	53.4	24 100	45.3	57.1	22 500				32.0
34.0																36.9	54.7	20 700	50.4	56.9	19 200	34.0
36.0																26.3	51.3	19 100	42.9	55.0	17 800	36.0
38.0																			34.1	52.3	16 500	38.0
40.0																			22.3	48.4	15 300	40.0

42.5m (139 Ft.) Boom, 24.4m (80 Ft.) Luffing Jib

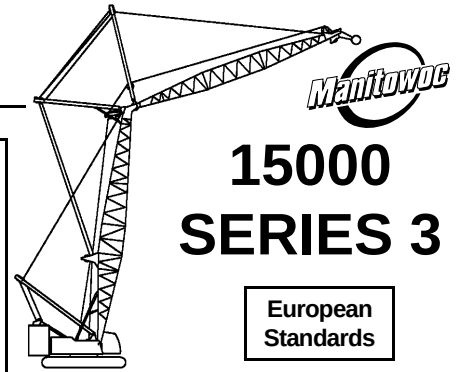
Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
13.7	66.7	67.2	58 900*b																			13.7
14.0	65.9	67.0	58 500*b																			14.0
16.0	60.6	66.0	55 300*b	64.6	66.7	56 600b																16.0
18.0	55.0	64.7	48 700*	59.2	65.6	50 500	65.1	66.5	48 500b													18.0
20.0	49.0	63.1	42 700*	53.5	64.2	45 600	59.8	65.4	43 700b	65.6	66.3	41 900b										20.0
22.0	42.3	61.0	38 100*	47.3	62.5	41 100*	54.1	64.1	39 800	60.3	65.2	38 100b										22.0
24.0	34.5	58.4	34 200*	40.4	60.3	36 900*	48.0	62.4	36 500	54.7	63.9	34 900										24.0
26.0	24.8	54.8	30 900*				41.2	60.3	33 700	48.6	62.2	32 200	59.2	64.1	29 900							26.0
28.0				21.5	53.4	29 900*	33.2	57.6	31 200	41.9	60.2	29 800	53.5	62.7	27 600							28.0
30.0							22.9	53.7	29 000	34.1	57.5	27 800	47.3	61.0	25 700							30.0
32.0										24.1	53.8	25 600	40.4	58.9	23 900	52.1	61.2	22 100				32.0
34.0													32.3	56.1	22 000	45.8	59.4	20 400				34.0
36.0													21.6	52.0	20 400	38.6	57.1	18 900				36.0
38.0																30.1	54.1	17 600				38.0
40.0																			43.7	57.3	16 200	40.0
42.0																			36.3	54.8	15 100	42.0
44.0																			27.1	51.5	14 000	44.0
																			12.5	45.6	13 100	

Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A with
Boom No. 57
99 740 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

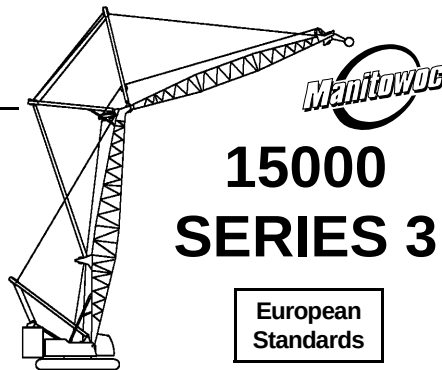
Maximum Operating Wind Speeds
(all boom lengths)

13 m/s with 21.3m thru 33.5m Luffing Jib
11 m/s with 36.6m thru 42.7m Luffing Jib
9 m/s with 45.7m thru 51.8m Luffing Jib
7 m/s with 54.9m thru 67.1m Luffing Jib
5 m/s with 70.1m and 73.2m Luffing Jib



42.5m (139 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	70.5	53 800*b																			13.7
14.0	68.8	70.4	53 500*b																			14.0
16.0	64.2	69.4	51 600*b	67.6	70.0	55 600b																16.0
18.0	59.4	68.3	48 200*	62.9	69.1	49 600	68.1	69.9	47 700b													18.0
20.0	54.4	67.0	42 500*	58.1	67.9	44 800	63.4	68.9	43 000b													20.0
22.0	49.0	65.4	37 900*	53.0	66.5	40 700	58.6	67.8	39 100	63.9	68.7	37 500b										22.0
24.0	43.1	63.4	34 100*	47.5	64.8	36 800*	53.5	66.4	35 900	59.1	67.6	34 300										24.0
26.0	36.4	60.9	30 900*	41.4	62.7	33 400*	48.1	64.7	33 100	54.1	66.2	31 600										26.0
28.0	28.4	57.7	28 200*	34.5	60.0	30 500*	42.1	62.7	30 700	48.6	64.6	29 300	58.1	66.4	27 100							28.0
30.0	17.3	52.7	24 500*	26.0	56.5	27 900*	35.3	60.1	28 600	42.7	62.5	27 300	53.0	65.0	25 200							30.0
32.0				12.9	50.6	23 400*	27.0	56.7	26 600	36.0	60.0	25 500	47.5	63.3	23 500	56.9	64.9	21 700				32.0
34.0										27.9	56.7	23 600	41.5	61.2	21 900	51.7	63.5	20 200				34.0
36.0										16.5	51.6	21 800	34.6	58.6	20 300	46.1	61.7	18 800				36.0
38.0													26.1	55.1	18 900	39.9	59.5	17 400				38.0
40.0																32.7	56.7	16 200	44.3	59.6	14 900	40.0
42.0																23.6	52.8	15 100	37.9	57.2	13 900	42.0
44.0																			30.3	54.2	13 000	44.0
46.0																			20.1	49.8	12 200	46.0



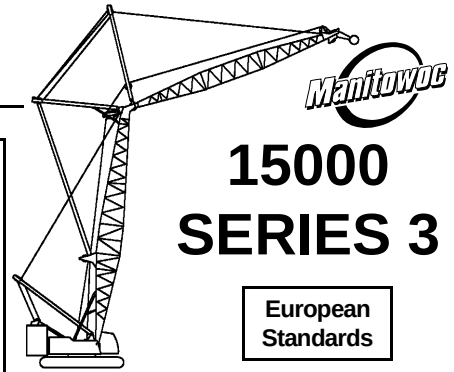
Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A with
Boom No. 57
99 740 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speeds (all boom lengths)	
13 m/s with 21.3m thru 33.5m Luffing Jib	
11 m/s with 36.6m thru 42.7m Luffing Jib	
9 m/s with 45.7m thru 51.8m Luffing Jib	
7 m/s with 54.9m thru 67.1m Luffing Jib	
5 m/s with 70.1m and 73.2m Luffing Jib	

42.5m (139 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	71.5	73.7	49 200*b																			13.7
14.0	71.0	73.6	48 900*b																			14.0
16.0	66.9	72.8	47 300*b	69.9	73.3	54 500b																16.0
18.0	62.7	71.8	45 700*	65.9	72.5	48 700																18.0
20.0	58.4	70.7	41 500*	61.6	71.5	44 000	66.3	72.3	42 100													20.0
22.0	53.8	69.3	37 300*	57.2	70.2	40 100	62.1	71.3	38 400													22.0
24.0	49.0	67.7	33 600*	52.6	68.8	36 500	57.7	70.1	35 200	62.5	71.1	33 600										24.0
26.0	43.7	65.7	30 200*	47.6	67.1	33 100*	53.1	68.7	32 400	58.1	69.9	31 000										26.0
28.0	37.9	63.3	27 400*	42.2	65.0	30 200*	48.2	67.0	30 100	53.6	68.5	28 700	61.7	70.0	26 500							28.0
30.0	31.1	60.3	25 100*	36.2	62.5	27 700*	42.8	65.0	28 000	48.7	66.8	26 700	57.3	68.8	24 600							30.0
32.0	22.5	56.2	23 400*	29.1	59.3	25 500*	36.9	62.6	26 100	43.4	64.9	24 900	52.6	67.3	23 000							32.0
34.0				19.7	54.7	23 000*	29.9	59.4	24 400	37.5	62.5	23 300	47.7	65.6	21 500	56.2	67.3	19 700				34.0
36.0							20.9	55.1	22 600	30.7	59.4	21 700	42.3	63.6	20 000	51.5	65.8	18 400				36.0
38.0										21.9	55.2	20 100	36.2	61.1	18 700	46.4	64.0	17 200				38.0
40.0													29.1	57.8	17 400	40.9	61.8	16 000	50.0	63.8	14 600	40.0
42.0													19.8	53.3	16 200	34.7	59.2	14 900	44.8	61.9	13 600	42.0
44.0																27.2	55.7	13 900	39.1	59.6	12 700	44.0
46.0																			32.6	56.8	11 900	46.0
48.0																			24.5	53.0	11 100	48.0
50.0																			12.0	46.7	10 400	50.0



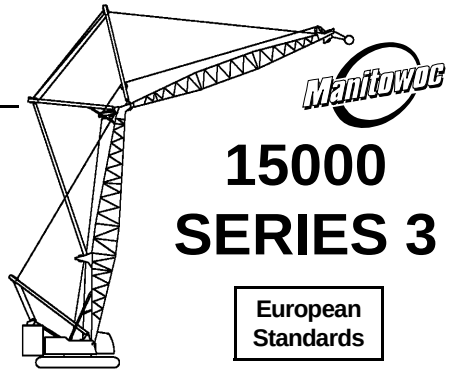
Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A with
Boom No. 57
99 740 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speeds (all boom lengths)		
13 m/s with 21.3m thru 33.5m Luffing Jib		
11 m/s with 36.6m thru 42.7m Luffing Jib		
9 m/s with 45.7m thru 51.8m Luffing Jib		
7 m/s with 54.9m thru 67.1m Luffing Jib		
5 m/s with 70.1m and 73.2m Luffing Jib		

42.5m (139 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	76.9	44 900*(b)																			13.7
14.0	72.8	76.8	44 700*(b)																			14.0
16.0	69.1	76.1	43 500*(b)	71.8	76.6	52 100(b)																16.0
18.0	65.4	75.3	42 100*	68.2	75.8	48 300																18.0
20.0	61.6	74.2	39 900*	64.4	74.9	43 400	68.6	75.7	41 600													20.0
22.0	57.6	73.0	36 100*	60.6	73.8	39 600	64.8	74.8	37 900													22.0
24.0	53.4	71.6	32 600*	56.5	72.6	36 300	61.0	73.7	34 700	65.2	74.5	33 200										24.0
26.0	49.0	70.0	29 500*	52.3	71.1	33 000*	56.9	72.5	32 000	61.4	73.4	30 600										26.0
28.0	44.2	68.0	26 800*	47.8	69.4	30 100*	52.7	71.0	29 700	57.3	72.2	28 300										28.0
30.0	39.0	65.7	24 300*	42.9	67.4	27 600*	48.3	69.3	27 600	53.2	70.8	26 300	60.6	72.4	24 300							30.0
32.0	33.1	62.9	22 400*	37.5	64.9	25 400*	43.4	67.3	25 800	48.7	69.2	24 600	56.5	71.1	22 600							32.0
34.0	26.0	59.3	20 800*	31.4	62.0	23 600*	38.1	65.0	24 200	43.9	67.2	23 000	52.3	69.6	21 200							34.0
36.0	16.2	53.9	18 800*	23.8	58.0	21 700*	32.1	62.1	22 600	38.7	64.9	21 600	47.8	67.9	19 800	55.5	69.6	18 200				36.0
38.0				12.4	51.7	18 200*	24.7	58.2	21 100	32.7	62.0	20 100	42.9	65.9	18 600	51.2	68.1	17 100				38.0
40.0										25.5	58.3	18 800	37.6	63.5	17 300	46.7	66.3	15 900				40.0
42.0										15.5	52.8	17 500	31.4	60.5	16 200	41.7	64.2	14 800	49.9	66.1	13 500	42.0
44.0													23.9	56.6	15 100	36.2	61.7	13 900	45.2	64.2	12 600	44.0
46.0																29.8	58.5	13 000	40.1	62.0	11 800	46.0
48.0																21.7	54.2	12 200	34.4	59.3	11 100	48.0
50.0																			27.6	55.9	10 400	50.0
52.0																			18.7	51.1	9 800	52.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A with
Boom No. 57
99 740 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

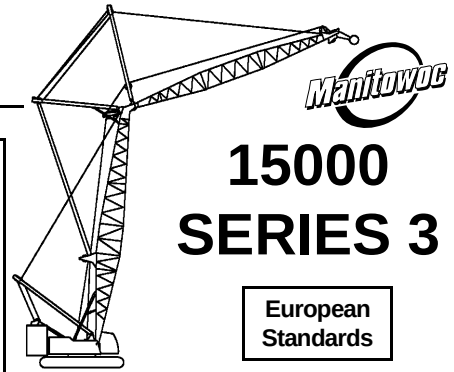
Maximum Operating Wind Speeds (all boom lengths)	
13 m/s with 21.3m thru 33.5m Luffing Jib	
11 m/s with 36.6m thru 42.7m Luffing Jib	
9 m/s with 45.7m thru 51.8m Luffing Jib	
7 m/s with 54.9m thru 67.1m Luffing Jib	
5 m/s with 70.1m and 73.2m Luffing Jib	

**15000
SERIES 3**

European
Standards

42.5m (139 Ft.) Boom, 36.6m (120 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
13.7	74.7	80.1	41 000*(b)																			13.7
14.0	74.2	80.0	40 800*(b)																			14.0
16.0	71.0	79.4	39 800*																			16.0
18.0	67.6	78.6	38 800*	70.1	79.1	46 700																18.0
20.0	64.1	77.7	37 600*	66.7	78.3	42 600	70.4	78.9	40 800													20.0
22.0	60.6	76.6	34 800*	63.2	77.3	38 800	67.1	78.1	37 100													22.0
24.0	56.9	75.3	31 600*	59.6	76.2	35 600	63.6	77.2	34 000													24.0
26.0	53.0	73.9	28 700*	55.9	74.9	32 700*	60.0	76.1	31 400	63.9	76.9	30 000										26.0
28.0	49.0	72.3	26 200*	52.0	73.4	29 800*	56.3	74.8	29 100	60.4	75.8	27 700										28.0
30.0	44.6	70.3	23 800*	47.9	71.7	27 400*	52.4	73.3	27 000	56.7	74.6	25 800										30.0
32.0	39.9	68.1	21 800*	43.4	69.7	25 200*	48.3	71.6	25 200	52.8	73.1	24 000	59.7	74.7	22 100							32.0
34.0	34.7	65.4	20 100*	38.6	67.3	23 300*	43.9	69.7	23 600	48.7	71.4	22 500	55.9	73.4	20 600							34.0
36.0	28.6	62.1	18 600*	33.2	64.5	21 600*	39.1	67.4	22 200	44.4	69.5	21 100	52.0	71.9	19 400							36.0
38.0	20.9	57.6	17 600*	26.8	61.0	20 100*	33.8	64.6	20 800	39.6	67.2	19 900	47.9	70.2	18 200	55.0	71.9	16 600				38.0
40.0				18.4	56.0	17 800*	27.5	61.1	19 500	34.3	64.5	18 600	43.5	68.2	17 100	51.1	70.4	15 600				40.0
42.0							19.5	56.4	18 100	28.2	61.2	17 400	38.6	65.9	16 000	46.9	68.6	14 600				42.0
44.0										20.4	56.6	16 200	33.2	63.1	14 900	42.4	66.5	13 600	49.8	68.4	12 300	44.0
46.0													26.8	59.5	14 000	37.4	64.1	12 800	45.6	66.6	11 500	46.0
48.0													18.5	54.6	13 200	31.8	61.1	12 000	40.9	64.4	10 800	48.0
50.0																25.1	57.3	11 200	35.8	61.8	10 200	50.0
52.0																			29.9	58.6	9 500	52.0
54.0																			22.7	54.5	8 900	54.0
56.0																			11.7	47.8	8 400	56.0



Liftcrane Luffing Jib Capacities

**Luffing Jib No. 149A with
Boom No. 57
99 740 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating**

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

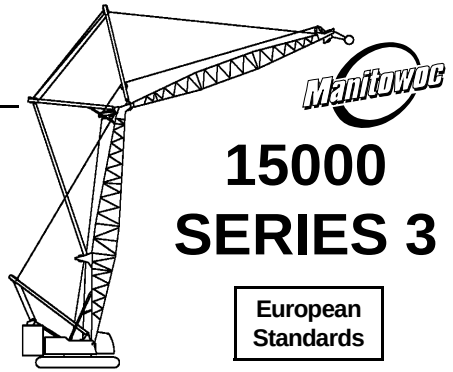
13 m/s with 21.3m thru 33.5m Luffing Jib
11 m/s with 36.6m thru 42.7m Luffing Jib
9 m/s with 45.7m thru 51.8m Luffing Jib
7 m/s with 54.9m thru 67.1m Luffing Jib
5 m/s with 70.1m and 73.2m Luffing Jib

**15000
SERIES 3**

**European
Standards**

42.5m (139 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	83.3	37 400*(b)																			13.7
14.0	75.5	83.2	37 300*(b)																			14.0
16.0	72.5	82.6	36 500*																			16.0
18.0	69.4	81.9	35 700*	71.7	82.3	43 000*																18.0
20.0	66.3	81.1	34 800*	68.6	81.6	41 900																20.0
22.0	63.1	80.1	33 500*	65.4	80.7	38 200	68.9	81.4	36 600													22.0
24.0	59.7	79.0	30 600*	62.2	79.7	35 000	65.8	80.6	33 500													24.0
26.0	56.3	77.7	28 000*	58.9	78.5	32 300	62.5	79.6	30 900	66.1	80.3	29 400										26.0
28.0	52.7	76.2	25 600*	55.4	77.2	29 600*	59.2	78.4	28 500	62.9	79.3	27 200										28.0
30.0	49.0	74.6	23 400*	51.8	75.7	27 200*	55.8	77.1	26 600	59.5	78.2	25 300										30.0
32.0	45.0	72.7	21 500*	48.0	74.0	25 000*	52.2	75.6	24 800	56.1	76.9	23 600	62.2	78.2	21 600							32.0
34.0	40.7	70.5	19 700*	43.9	72.0	23 100*	48.4	73.9	23 200	52.5	75.4	22 100	58.9	77.1	20 200							34.0
36.0	36.0	67.9	18 200*	39.5	69.7	21 400*	44.3	72.0	21 800	48.8	73.7	20 700	55.4	75.8	18 900							36.0
38.0	30.6	64.8	16 900*	34.6	67.0	19 800*	40.0	69.7	20 500	44.7	71.8	19 500	51.8	74.2	17 800							38.0
40.0	24.2	60.8	15 900*	29.1	63.7	18 300*	35.2	67.1	19 400	40.4	69.6	18 300	48.0	72.5	16 800	54.6	74.2	15 200				40.0
42.0	15.4	55.1	14 600*	22.2	59.5	16 900*	29.7	63.9	18 100	35.7	67.0	17 200	43.9	70.6	15 800	50.9	72.7	14 300				42.0
44.0				12.1	52.7	14 300*	23.0	59.7	16 900	30.3	63.8	16 100	39.5	68.3	14 700	47.0	70.9	13 400				44.0
46.0										23.8	59.8	15 100	34.7	65.6	13 800	42.9	68.9	12 600	49.8	70.7	11 300	46.0
48.0										14.7	53.9	14 200	29.1	62.3	13 000	38.4	66.5	11 800	45.8	68.9	10 600	48.0
50.0													22.3	58.0	12 200	33.4	63.7	11 100	41.6	66.7	9 900	50.0
52.0																27.6	60.2	10 400	37.0	64.2	9 300	52.0
54.0																20.3	55.6	9 800	31.8	61.2	8 700	54.0
56.0																			25.6	57.5	8 200	56.0
58.0																			17.6	52.3	7 700	58.0



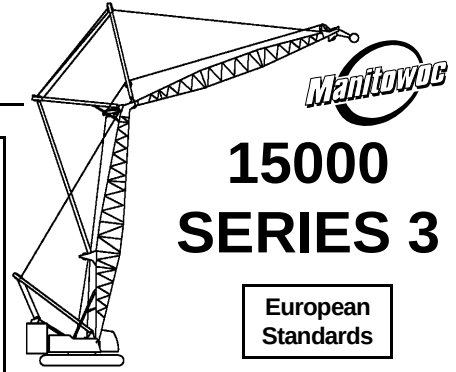
Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A with
Boom No. 57
99 740 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speeds (all boom lengths)	
13 m/s with 21.3m thru 33.5m Luffing Jib	
11 m/s with 36.6m thru 42.7m Luffing Jib	
9 m/s with 45.7m thru 51.8m Luffing Jib	
7 m/s with 54.9m thru 67.1m Luffing Jib	
5 m/s with 70.1m and 73.2m Luffing Jib	

42.5m (139 Ft.) Boom, 42.7m (140 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
15.2	74.8	86.0	33 600*																			15.2
16.0	73.8	85.8	33 400*																			16.0
18.0	70.9	85.1	32 700*																			18.0
20.0	68.1	84.4	32 000*	70.2	84.8	38 600*																20.0
22.0	65.1	83.5	31 300*	67.3	84.1	37 100*																22.0
24.0	62.1	82.5	29 700*	64.3	83.1	34 400	67.6	83.9	32 800													24.0
26.0	59.0	81.3	27 200*	61.3	82.1	31 700	64.7	83.0	30 200													26.0
28.0	55.8	80.0	25 000*	58.2	80.9	29 300	61.6	81.9	28 000	65.0	82.7	26 700										28.0
30.0	52.5	78.5	23 000*	55.0	79.5	27 000*	58.5	80.8	26 000	61.9	81.7	24 700										30.0
32.0	49.0	76.9	21 100*	51.6	78.0	24 800*	55.3	79.4	24 300	58.8	80.5	23 000										32.0
34.0	45.3	75.0	19 400*	48.0	76.3	22 900*	51.9	77.9	22 700	55.6	79.2	21 600	61.3	80.6	19 700							34.0
36.0	41.3	72.8	17 900*	44.3	74.3	21 200*	48.4	76.2	21 300	52.3	77.7	20 200	58.2	79.4	18 400							36.0
38.0	37.0	70.3	16 600*	40.2	72.1	19 700*	44.7	74.3	20 100	48.8	76.1	19 000	55.0	78.1	17 300							38.0
40.0	32.2	67.4	15 400*	35.8	69.5	18 100*	40.7	72.1	18 900	45.1	74.1	17 900	51.6	76.6	16 300							40.0
42.0	26.7	63.7	14 600*	30.9	66.4	16 800*	36.3	69.5	17 800	41.1	72.0	16 900	48.1	74.8	15 300	54.2	76.6	13 900				42.0
44.0	19.7	58.9	13 800*	25.0	62.5	15 700*	31.4	66.5	16 700	36.8	69.4	15 900	44.3	72.9	14 500	50.8	75.0	13 000				44.0
46.0				17.4	57.2	14 000*	25.7	62.7	15 700	31.9	66.5	14 900	40.3	70.6	13 600	47.2	73.2	12 300				46.0
48.0							18.4	57.7	14 500	26.3	62.8	14 000	35.9	68.0	12 700	43.4	71.2	11 500	49.7	73.0	10 300	48.0
50.0										19.2	57.9	13 200	30.9	64.9	12 000	39.2	68.9	10 800	46.1	71.2	9 600	50.0
52.0													25.1	61.1	11 300	34.7	66.2	10 100	42.2	69.1	9 000	52.0
54.0													17.5	55.8	10 600	29.6	62.9	9 500	37.9	66.6	8 500	54.0
56.0																23.5	58.8	9 000	33.3	63.8	7 900	56.0
58.0																			27.9	60.3	7 500	58.0
60.0																			21.3	55.9	7 000	60.0
62.0																			11.5	48.8	6 600	62.0



Liftcrane Luffing Jib Capacities

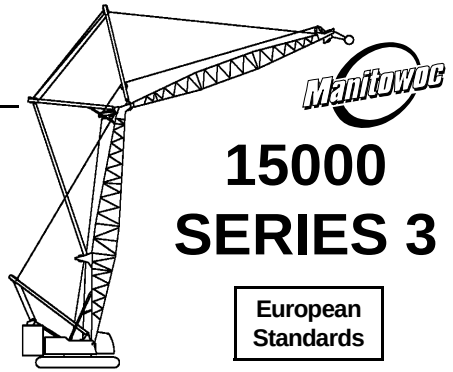
**Luffing Jib No. 149A with
Boom No. 57
99 740 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating**

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

13 m/s with 21.3m thru 33.5m Luffing Jib
11 m/s with 36.6m thru 42.7m Luffing Jib
9 m/s with 45.7m thru 51.8m Luffing Jib
7 m/s with 54.9m thru 67.1m Luffing Jib
5 m/s with 70.1m and 73.2m Luffing Jib

42.5m (139 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	89.2	30 700*																			15.2
16.0	74.9	89.0	30 600*																			16.0
18.0	72.3	88.4	30 100*																			18.0
20.0	69.6	87.7	29 500*	71.6	88.1	35 100*																20.0
22.0	66.9	86.8	28 900*	68.9	87.3	34 700*																22.0
24.0	64.1	85.9	28 100*	66.2	86.5	32 900*	69.2	87.2	32 400													24.0
26.0	61.3	84.8	26 300*	63.4	85.5	30 800*	66.5	86.3	29 800													26.0
28.0	58.4	83.7	24 300*	60.5	84.4	28 700*	63.7	85.4	27 600	66.7	86.1	26 300										28.0
30.0	55.4	82.3	22 400*	57.6	83.2	26 600*	60.8	84.3	25 700	64.0	85.1	24 400										30.0
32.0	52.2	80.8	20 700*	54.6	81.8	24 700*	57.9	83.1	23 900	61.1	84.1	22 700										32.0
34.0	49.0	79.2	19 100*	51.4	80.3	22 800*	54.9	81.8	22 400	58.2	82.9	21 300										34.0
36.0	45.5	77.3	17 700*	48.1	78.6	21 000*	51.7	80.2	21 000	55.2	81.5	19 900	60.6	83.0	18 200							36.0
38.0	41.9	75.2	16 300*	44.6	76.7	19 400*	48.5	78.5	19 800	52.1	80.0	18 700	57.6	81.8	17 100							38.0
40.0	37.9	72.7	15 200*	40.9	74.4	18 000*	45.0	76.6	18 700	48.8	78.3	17 600	54.6	80.4	16 100							40.0
42.0	33.6	69.9	14 200*	36.8	71.9	16 700*	41.3	74.4	17 600	45.3	76.5	16 600	51.4	78.9	15 100							42.0
44.0	28.7	66.5	13 300*	32.4	69.0	15 500*	37.3	72.0	16 600	41.7	74.3	15 700	48.1	77.1	14 300	53.8	78.9	12 900				44.0
46.0	22.8	62.3	12 700*	27.2	65.4	14 500*	32.9	69.1	15 600	37.7	71.9	14 800	44.6	75.2	13 500	50.6	77.3	12 100				46.0
48.0	14.8	56.2	11 700*	21.0	60.8	13 400*	27.8	65.6	14 700	33.3	69.0	13 900	40.9	73.0	12 700	47.3	75.5	11 400				48.0
50.0				11.8	53.8	11 400*	21.7	61.2	13 900	28.4	65.6	13 100	36.9	70.5	11 900	43.8	73.5	10 700	49.7	75.3	9 600	50.0
52.0										22.4	61.3	12 400	32.4	67.5	11 200	40.0	71.2	10 100	46.3	73.5	8 900	52.0
54.0										14.2	55.0	11 600	27.3	64.0	10 500	35.8	68.6	9 500	42.7	71.4	8 400	54.0
56.0													21.0	59.4	10 000	31.2	65.6	8 900	38.8	69.0	7 900	56.0
58.0																25.9	61.8	8 400	34.5	66.3	7 400	58.0
60.0																19.2	56.9	7 900	29.7	63.0	6 900	60.0
62.0																			24.1	59.0	6 500	62.0
64.0																			16.8	53.5	6 100	64.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A with
Boom No. 57
99 740 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speeds (all boom lengths)		
13 m/s with 21.3m thru 33.5m Luffing Jib		
11 m/s with 36.6m thru 42.7m Luffing Jib		
9 m/s with 45.7m thru 51.8m Luffing Jib		
7 m/s with 54.9m thru 67.1m Luffing Jib		
5 m/s with 70.1m and 73.2m Luffing Jib		

42.5m (139 Ft.) Boom, 48.8m (160 Ft.) Luffing Jib

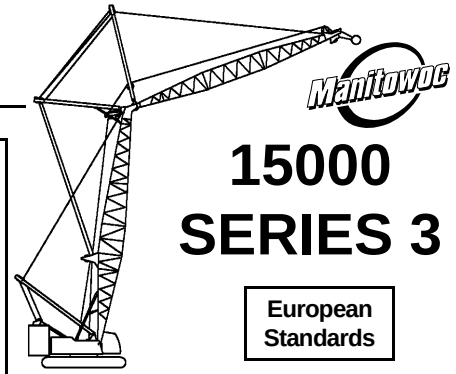
Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
16.8	74.9	91.9	27 800*																			16.8
18.0	73.4	91.6	27 700*																			18.0
20.0	70.9	90.9	27 100*	72.8	91.3	31 900*																20.0
22.0	68.4	90.1	26 600*	70.3	90.6	31 700*																22.0
24.0	65.9	89.3	26 100*	67.8	89.8	31 000*																24.0
26.0	63.2	88.3	25 200*	65.2	88.9	29 300*	68.0	89.7	29 200													26.0
28.0	60.6	87.2	23 400*	62.6	87.9	27 500*	65.5	88.8	27 100													28.0
30.0	57.8	86.0	21 800*	59.9	86.8	25 700*	62.8	87.8	25 100	65.7	88.5	23 900										30.0
32.0	55.0	84.6	20 100*	57.1	85.6	23 900*	60.1	86.7	23 400	63.1	87.5	22 200										32.0
34.0	52.0	83.1	18 700*	54.2	84.2	22 200*	57.4	85.4	21 900	60.4	86.4	20 800										34.0
36.0	49.0	81.5	17 300*	51.3	82.6	20 600*	54.5	84.1	20 500	57.7	85.2	19 400										36.0
38.0	45.8	79.6	16 100*	48.2	80.9	19 100*	51.6	82.5	19 300	54.8	83.8	18 300	59.9	85.3	16 600							38.0
40.0	42.3	77.5	14 900*	44.9	79.0	17 700*	48.5	80.8	18 200	51.9	82.3	17 200	57.1	84.1	15 600							40.0
42.0	38.7	75.1	13 900*	41.4	76.8	16 500*	45.2	78.9	17 200	48.8	80.7	16 200	54.2	82.7	14 700							42.0
44.0	34.7	72.4	13 000*	37.7	74.3	15 300*	41.8	76.8	16 200	45.6	78.8	15 300	51.3	81.2	13 800							44.0
46.0	30.3	69.2	12 200*	33.6	71.5	14 300*	38.1	74.4	15 400	42.1	76.7	14 500	48.2	79.4	13 000	53.5	81.2	11 700				46.0
48.0	25.2	65.3	11 600*	29.0	68.2	13 400*	34.1	71.6	14 500	38.5	74.3	13 700	44.9	77.5	12 300	50.5	79.6	11 000				48.0
50.0	18.7	60.2	11 100*	23.7	64.0	12 700*	29.6	68.3	13 600	34.5	71.5	12 900	41.5	75.3	11 700	47.4	77.8	10 400				50.0
52.0				16.7	58.5	11 100*	24.3	64.3	12 800	30.0	68.3	12 100	37.7	72.9	11 000	44.1	75.8	9 800	49.6	77.6	8 700	52.0
54.0							17.6	58.9	11 700*	24.8	64.3	11 400	33.7	70.1	10 300	40.6	73.6	9 200	46.4	75.8	8 100	54.0
56.0										18.3	59.2	10 800	29.1	66.7	9 700	36.8	71.1	8 600	43.1	73.7	7 600	56.0
58.0													23.7	62.6	9 100	32.6	68.1	8 100	39.5	71.4	7 100	58.0
60.0													16.7	57.0	8 600	27.9	64.6	7 600	35.6	68.8	6 700	60.0
62.0																22.2	60.3	7 200	31.3	65.7	6 300	62.0
64.0																14.6	54.1	6 800	26.3	62.0	5 800	64.0
66.0																			20.2	57.2	5 500	66.0
68.0																			11.3	49.9	5 100	68.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A with
Boom No. 57
99 740 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speeds
(all boom lengths)

13 m/s with 21.3m thru 33.5m Luffing Jib
11 m/s with 36.6m thru 42.7m Luffing Jib
9 m/s with 45.7m thru 51.8m Luffing Jib
7 m/s with 54.9m thru 67.1m Luffing Jib
5 m/s with 70.1m and 73.2m Luffing Jib



42.5m (139 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	
16.8	75.8	95.1	25 400*																16.8
18.0	74.4	94.7	25 300*																18.0
20.0	72.1	94.1	25 000*																20.0
22.0	69.7	93.4	24 600*	71.5	93.8	28 800*													22.0
24.0	67.4	92.6	24 100*	69.1	93.1	28 700*													24.0
26.0	64.9	91.7	23 700*	66.7	92.3	27 800*	69.4	92.9	28 000										26.0
28.0	62.5	90.7	22 600*	64.3	91.3	26 300*	67.0	92.1	26 700										28.0
30.0	59.9	89.6	21 100*	61.8	90.3	24 700*	64.6	91.2	24 700										30.0
32.0	57.3	88.3	19 600*	59.3	89.2	23 200*	62.1	90.2	23 000	64.8	90.9	21 800							32.0
34.0	54.6	87.0	18 200*	56.6	87.9	21 700*	59.5	89.0	21 500	62.3	89.9	20 400							34.0
36.0	51.9	85.4	17 000*	53.9	86.5	20 200*	56.9	87.8	20 200	59.8	88.8	19 100							36.0
38.0	49.0	83.8	15 800*	51.1	84.9	18 800*	54.2	86.4	18 900	57.2	87.5	17 900							38.0
40.0	46.0	81.9	14 700*	48.2	83.2	17 500*	51.4	84.8	17 800	54.5	86.2	16 800	59.3	87.7	15 200				40.0
42.0	42.8	79.8	13 700*	45.1	81.3	16 300*	48.5	83.1	16 800	51.7	84.6	15 900	56.7	86.4	14 300				42.0
44.0	39.4	77.5	12 800*	41.9	79.1	15 200*	45.5	81.2	15 900	48.8	82.9	15 000	53.9	85.0	13 500				44.0
46.0	35.7	74.8	12 000*	38.4	76.7	14 200*	42.3	79.1	15 000	45.8	81.1	14 100	51.1	83.5	12 700	56.0	84.9	11 300	46.0
48.0	31.7	71.8	11 300*	34.7	74.0	13 200*	38.8	76.8	14 300	42.6	79.0	13 400	48.2	81.7	12 000	53.3	83.5	10 700	48.0
50.0	27.1	68.2	10 700*	30.5	70.8	12 400*	35.1	74.1	13 500	39.2	76.6	12 700	45.2	79.8	11 300	50.5	81.9	10 100	50.0
52.0	21.6	63.7	10 200*	25.8	67.0	11 700*	31.0	70.9	12 700	35.5	74.0	12 000	41.9	77.7	10 700	47.5	80.1	9 500	52.0
54.0	14.3	57.3	9 200*	20.0	62.2	10 700*	26.3	67.2	12 000	31.4	70.9	11 300	38.5	75.3	10 100	44.4	78.2	9 000	54.0
56.0				11.7	54.9	8 900*	20.7	62.5	11 100	26.8	67.2	10 600	34.7	72.6	9 500	41.1	76.0	8 400	56.0
58.0										21.3	62.7	10 000	30.6	69.4	9 000	37.6	73.5	7 900	58.0
60.0										13.8	56.2	9 400	25.8	65.6	8 500	33.8	70.7	7 400	60.0
62.0													20.0	60.7	8 000	29.5	67.3	7 000	62.0
64.0													11.7	53.5	7 500	24.6	63.3	6 600	64.0
66.0																18.4	58.2	6 200	66.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A with
Boom No. 57
99 740 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speeds (all boom lengths)	
13 m/s with 21.3m thru 33.5m Luffing Jib	
11 m/s with 36.6m thru 42.7m Luffing Jib	
9 m/s with 45.7m thru 51.8m Luffing Jib	
7 m/s with 54.9m thru 67.1m Luffing Jib	
5 m/s with 70.1m and 73.2m Luffing Jib	

42.5m (139 Ft.) Boom, 54.9m (180 Ft.) Luffing Jib

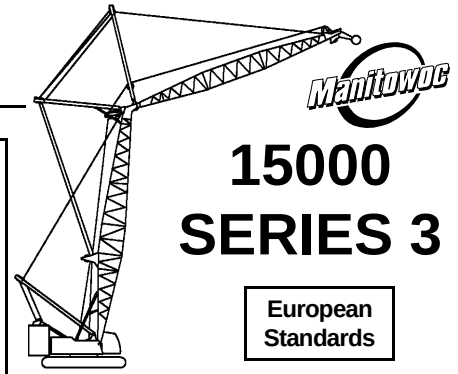
Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
18.3	75.0	97.8	22 900*																18.3
20.0	73.1	97.3	22 700*																20.0
22.0	70.9	96.7	22 500*	72.6	97.1	26 000*													22.0
24.0	68.7	95.9	22 100*	70.3	96.4	25 900*													24.0
26.0	66.4	95.1	21 700*	68.1	95.6	25 700*	70.6	96.2	25 100*										26.0
28.0	64.1	94.1	21 300*	65.8	94.7	25 100*	68.3	95.4	25 100*										28.0
30.0	61.8	93.1	20 500*	63.5	93.8	23 700*	66.1	94.6	24 200										30.0
32.0	59.4	91.9	19 100*	61.1	92.7	22 400*	63.8	93.6	22 500	66.3	94.3	21 300							32.0
34.0	56.9	90.7	17 900*	58.7	91.5	21 100*	61.4	92.6	21 000	64.0	93.3	19 900							34.0
36.0	54.3	89.3	16 700*	56.2	90.2	19 800*	59.0	91.4	19 700	61.6	92.3	18 600							36.0
38.0	51.7	87.7	15 600*	53.7	88.8	18 500*	56.5	90.1	18 500	59.2	91.2	17 400							38.0
40.0	49.0	86.1	14 600*	51.0	87.2	17 300*	53.9	88.7	17 400	56.7	89.9	16 400	61.2	91.2	14 800				40.0
42.0	46.1	84.2	13 600*	48.2	85.5	16 200*	51.3	87.2	16 400	54.2	88.5	15 400	58.7	90.1	13 900				42.0
44.0	43.1	82.2	12 700*	45.4	83.6	15 100*	48.5	85.4	15 500	51.6	86.9	14 600	56.2	88.7	13 000				44.0
46.0	40.0	79.9	11 900*	42.3	81.5	14 200*	45.7	83.6	14 600	48.8	85.2	13 700	53.7	87.3	12 300				46.0
48.0	36.6	77.3	11 200*	39.1	79.1	13 200*	42.7	81.5	13 900	46.0	83.4	13 000	51.0	85.8	11 600	55.6	87.2	10 200	48.0
50.0	32.8	74.4	10 600*	35.6	76.5	12 400*	39.4	79.1	13 200	43.0	81.3	12 300	48.3	84.0	10 900	53.0	85.8	9 700	50.0
52.0	28.7	70.9	10 000*	31.8	73.4	11 600*	36.0	76.5	12 500	39.8	79.0	11 700	45.4	82.1	10 300	50.4	84.2	9 100	52.0
54.0	23.9	66.8	9 600*	27.5	69.8	11 000*	32.2	73.5	11 800	36.4	76.4	11 000	42.3	80.0	9 800	47.6	82.4	8 600	54.0
56.0	18.0	61.5	8 800*	22.5	65.5	10 100*	28.0	70.0	11 100	32.6	73.5	10 400	39.1	77.7	9 300	44.7	80.5	8 100	56.0
58.0				16.1	59.7	8 700*	23.1	65.7	10 500	28.5	70.0	9 800	35.6	75.0	8 700	41.6	78.3	7 600	58.0
60.0							16.9	60.1	9 200*	23.6	65.8	9 300	31.8	72.0	8 200	38.3	75.9	7 200	60.0
62.0										17.6	60.4	8 700	27.6	68.4	7 700	34.8	73.1	6 700	62.0
64.0										7.7	51.2	7 900	22.6	64.1	7 300	30.9	70.0	6 300	64.0
66.0													16.1	58.2	6 800	26.5	66.3	5 900	66.0
68.0																21.2	61.7	5 500	68.0
70.0																14.2	55.2	5 200	70.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A with
Boom No. 57
99 740 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

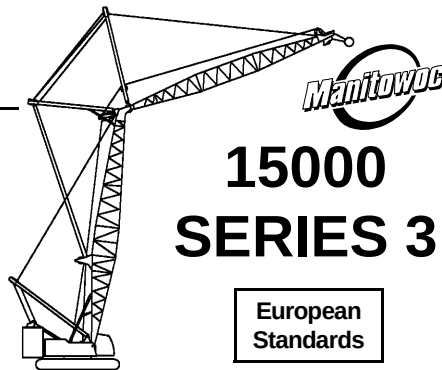
Maximum Operating Wind Speeds
(all boom lengths)

13 m/s with 21.3m thru 33.5m Luffing Jib
11 m/s with 36.6m thru 42.7m Luffing Jib
9 m/s with 45.7m thru 51.8m Luffing Jib
7 m/s with 54.9m thru 67.1m Luffing Jib
5 m/s with 70.1m and 73.2m Luffing Jib



42.5m (139 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	101.0	21 000*																18.3
20.0	74.0	100.5	20 800*																20.0
22.0	72.0	99.9	20 600*																22.0
24.0	69.9	99.2	20 400*	71.4	99.6	23 500*													24.0
26.0	67.7	98.4	20 000*	69.3	98.9	23 300*													26.0
28.0	65.6	97.5	19 700*	67.2	98.1	23 200*	69.5	98.7	22 700*										28.0
30.0	63.4	96.5	19 400*	65.0	97.2	22 600*	67.4	97.9	22 700*										30.0
32.0	61.1	95.5	18 400*	62.8	96.2	21 400*	65.2	97.0	22 200	67.6	97.6	21 000							32.0
34.0	58.8	94.3	17 300*	60.5	95.1	20 300*	63.0	96.0	20 800	65.4	96.7	19 600							34.0
36.0	56.5	93.0	16 200*	58.2	93.9	19 100*	60.8	94.9	19 400	63.2	95.7	18 300							36.0
38.0	54.1	91.6	15 200*	55.9	92.5	18 000*	58.5	93.7	18 200	61.0	94.7	17 100							38.0
40.0	51.6	90.1	14 200*	53.4	91.1	16 900*	56.1	92.4	17 100	58.7	93.5	16 100							40.0
42.0	49.0	88.4	13 300*	50.9	89.5	15 800*	53.7	91.0	16 100	56.3	92.2	15 200	60.6	93.6	13 600				42.0
44.0	46.3	86.5	12 500*	48.3	87.8	14 900*	51.2	89.4	15 200	53.9	90.8	14 300	58.2	92.4	12 800				44.0
46.0	43.5	84.5	11 700*	45.6	85.9	13 900*	48.6	87.7	14 400	51.4	89.2	13 500	55.9	91.1	12 000				46.0
48.0	40.5	82.2	11 000*	42.7	83.8	13 100*	45.9	85.9	13 600	48.8	87.6	12 800	53.4	89.6	11 400				48.0
50.0	37.3	79.7	10 400*	39.7	81.5	12 300*	43.0	83.8	12 900	46.1	85.7	12 100	50.9	88.1	10 700	55.3	89.6	9 500	50.0
52.0	33.9	76.9	9 800*	36.4	78.9	11 500*	40.0	81.5	12 200	43.3	83.6	11 500	48.3	86.3	10 100	52.8	88.1	8 900	52.0
54.0	30.1	73.6	9 300*	32.9	76.0	10 900*	36.8	78.9	11 600	40.3	81.4	10 900	45.6	84.4	9 600	50.3	86.5	8 400	54.0
56.0	25.8	69.8	8 900*	29.0	72.6	10 300*	33.3	76.1	11 000	37.1	78.8	10 300	42.7	82.4	9 100	47.7	84.7	7 900	56.0
58.0	20.7	65.1	8 500*	24.6	68.6	9 600*	29.5	72.7	10 400	33.7	76.0	9 700	39.7	80.0	8 600	44.9	82.8	7 500	58.0
60.0	13.9	58.5	7 100*	19.2	63.5	8 400*	25.1	68.8	9 800	29.9	72.7	9 200	36.5	77.4	8 100	42.0	80.7	7 000	60.0
62.0				11.5	56.0	6 900*	19.8	63.8	8 900*	25.5	68.8	8 700	32.9	74.5	7 600	38.9	78.3	6 600	62.0
64.0							12.5	56.8	7 500*	20.4	64.0	8 200	29.1	71.1	7 200	35.6	75.6	6 200	64.0
66.0										13.4	57.3	7 600	24.6	67.1	6 700	32.0	72.6	5 800	66.0
68.0													19.2	62.0	6 400	28.0	69.1	5 400	68.0
70.0													11.6	54.6	6 000	23.4	64.8	5 100	70.0
72.0																17.7	59.4	4 800	72.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A with
Boom No. 57
99 740 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speeds (all boom lengths)

13 m/s with 21.3m thru 33.5m Luffing Jib
11 m/s with 36.6m thru 42.7m Luffing Jib
9 m/s with 45.7m thru 51.8m Luffing Jib
7 m/s with 54.9m thru 67.1m Luffing Jib
5 m/s with 70.1m and 73.2m Luffing Jib

15000 SERIES 3

European
Standards

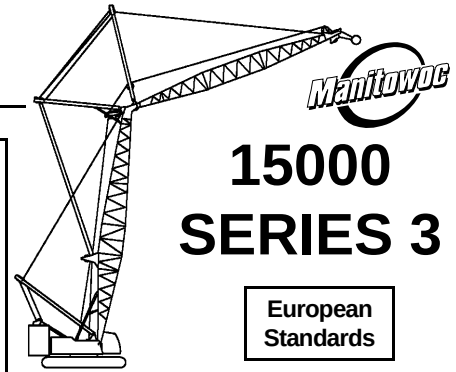
42.5m (139 Ft.) Boom, 61.0m (200 Ft.) Luffing Jib

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	75.0	103.7	19 000*													19.8
20.0	74.9	103.7	18 900*													20.0
22.0	72.9	103.1	18 800*													22.0
24.0	70.9	102.4	18 600*	72.4	102.8	21 400*										24.0
26.0	68.9	101.7	18 400*	70.4	102.1	21 200*										26.0
28.0	66.9	100.8	18 100*	68.4	101.4	21 000*										28.0
30.0	64.8	99.9	17 900*	66.3	100.5	20 900*	68.6	101.2	20 500*							30.0
32.0	62.7	98.9	17 600*	64.3	99.6	20 300*	66.6	100.3	20 400*							32.0
34.0	60.6	97.8	16 600*	62.1	98.5	19 400*	64.5	99.4	20 200	66.8	100.1	19 100				34.0
36.0	58.4	96.6	15 700*	60.0	97.4	18 400*	62.4	98.4	19 000	64.7	99.2	17 900				36.0
38.0	56.1	95.3	14 700*	57.8	96.2	17 400*	60.2	97.3	17 800	62.6	98.2	16 700				38.0
40.0	53.8	93.9	13 900*	55.5	94.9	16 400*	58.0	96.1	16 700	60.4	97.1	15 700				40.0
42.0	51.4	92.3	13 000*	53.2	93.4	15 500*	55.8	94.8	15 700	58.2	95.8	14 800				42.0
44.0	49.0	90.7	12 300*	50.8	91.8	14 500*	53.5	93.3	14 800	56.0	94.5	13 900	60.0	96.0	12 400	44.0
46.0	46.4	88.8	11 600*	48.3	90.1	13 700*	51.1	91.7	14 000	53.7	93.1	13 100	57.8	94.7	11 600	46.0
48.0	43.8	86.8	10 900*	45.7	88.2	12 900*	48.6	90.0	13 200	51.3	91.6	12 400	55.5	93.4	10 900	48.0
50.0	40.9	84.6	10 200*	43.0	86.1	12 100*	46.0	88.2	12 500	48.8	89.8	11 700	53.2	91.9	10 300	50.0
52.0	38.0	82.1	9 700*	40.2	83.9	11 400*	43.3	86.1	11 900	46.3	88.0	11 100	50.8	90.4	9 700	52.0
54.0	34.8	79.4	9 100*	37.1	81.3	10 700*	40.5	83.9	11 300	43.6	86.0	10 500	48.3	88.6	9 200	54.0
56.0	31.3	76.2	8 700*	33.9	78.5	10 000*	37.5	81.4	10 700	40.8	83.7	9 900	45.8	86.7	8 700	56.0
58.0	27.4	72.6	8 300*	30.3	75.2	9 400*	34.2	78.6	10 200	37.8	81.2	9 400	43.1	84.7	8 200	58.0
60.0	22.9	68.3	7 800*	26.3	71.5	8 800*	30.7	75.4	9 600	34.6	78.5	8 900	40.2	82.4	7 800	60.0
62.0	17.3	62.7	6 900*	21.6	66.9	7 900*	26.7	71.7	9 000*	31.1	75.3	8 400	37.2	79.9	7 400	62.0
64.0	8.8	53.8	5 400*	15.6	60.8	6 800*	22.1	67.2	8 300*	27.2	71.7	7 900	33.9	77.0	6 900	64.0
66.0							16.3	61.3	7 200*	22.6	67.3	7 500	30.3	73.8	6 500	66.0
68.0										17.0	61.6	7 100	26.3	70.0	6 100	68.0
70.0										8.0	52.3	6 100	21.6	65.5	5 800	70.0
72.0													15.6	59.4	5 400	72.0

Liftcrane Luffing Jib Capacities

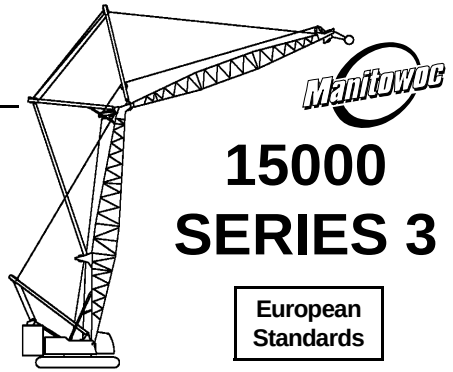
Luffing Jib No. 149A with
Boom No. 57
99 740 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speeds (all boom lengths)	
13 m/s with 21.3m thru 33.5m Luffing Jib	
11 m/s with 36.6m thru 42.7m Luffing Jib	
9 m/s with 45.7m thru 51.8m Luffing Jib	
7 m/s with 54.9m thru 67.1m Luffing Jib	
5 m/s with 70.1m and 73.2m Luffing Jib	



42.5m (139 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	106.9	17 300*													19.8
20.0	75.6	106.8	17 300*													20.0
22.0	73.7	106.3	17 100*													22.0
24.0	71.9	105.6	16 900*													24.0
26.0	70.0	104.9	16 800*	71.4	105.4	19 300*										26.0
28.0	68.0	104.2	16 600*	69.5	104.6	19 100*										28.0
30.0	66.1	103.3	16 400*	67.5	103.8	19 000*	69.7	104.5	18 600*							30.0
32.0	64.1	102.3	16 200*	65.6	102.9	18 800*	67.7	103.7	18 500*							32.0
34.0	62.1	101.3	15 900*	63.6	102.0	18 400*	65.8	102.8	18 400*							34.0
36.0	60.0	100.2	15 100*	61.6	100.9	17 600*	63.8	101.8	18 300*	66.0	102.5	17 500				36.0
38.0	57.9	99.0	14 300*	59.5	99.8	16 700*	61.8	100.8	17 400	64.0	101.6	16 400				38.0
40.0	55.8	97.7	13 500*	57.4	98.5	15 800*	59.7	99.7	16 400	62.0	100.5	15 300				40.0
42.0	53.6	96.2	12 700*	55.2	97.2	15 000*	57.6	98.4	15 400	59.9	99.4	14 400				42.0
44.0	51.3	94.7	12 000*	53.0	95.7	14 200*	55.5	97.1	14 500	57.8	98.2	13 500	61.6	99.5	12 000	44.0
46.0	49.0	93.0	11 300*	50.7	94.1	13 400*	53.2	95.6	13 700	55.7	96.8	12 800	59.5	98.3	11 300	46.0
48.0	46.5	91.1	10 700*	48.4	92.4	12 600*	51.0	94.1	12 900	53.5	95.4	12 100	57.4	97.1	10 600	48.0
50.0	44.0	89.1	10 100*	45.9	90.5	11 900*	48.6	92.3	12 200	51.2	93.8	11 400	55.2	95.7	10 000	50.0
52.0	41.4	86.9	9 500*	43.3	88.5	11 200*	46.2	90.5	11 600	48.8	92.2	10 700	53.0	94.2	9 400	52.0
54.0	38.5	84.5	9 000*	40.6	86.2	10 500*	43.6	88.4	11 000	46.4	90.3	10 200	50.7	92.7	8 900	54.0
56.0	35.5	81.8	8 500*	37.8	83.7	9 800*	40.9	86.2	10 400	43.9	88.3	9 600	48.4	90.9	8 400	56.0
58.0	32.3	78.8	8 100*	34.7	81.0	9 200*	38.1	83.8	9 900	41.2	86.1	9 100	45.9	89.1	7 900	58.0
60.0	28.7	75.4	7 700*	31.4	77.9	8 600*	35.1	81.0	9 400	38.4	83.7	8 600	43.4	87.0	7 500	60.0
62.0	24.7	71.3	7 100*	27.8	74.3	8 100*	31.8	78.0	8 800*	35.4	80.9	8 200	40.7	84.8	7 100	62.0
64.0	19.9	66.4	6 400*	23.6	70.1	7 300*	28.2	74.4	8 300*	32.1	77.9	7 800	37.8	82.3	6 700	64.0
66.0	13.6	59.6	5 400*	18.5	64.8	6 400*	24.0	70.3	7 700*	28.5	74.4	7 300	34.8	79.5	6 300	66.0
68.0				11.4	57.1	5 200*	19.1	65.2	6 800*	24.5	70.4	6 900	31.4	76.4	6 000	68.0
70.0							12.3	57.9	5 600*	19.6	65.3	6 500	27.8	72.8	5 600	70.0
72.0										13.1	58.4	6 000	23.6	68.6	5 200	72.0
74.0													18.5	63.3	4 900	74.0
76.0													11.4	55.7	4 600	76.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A with
Boom No. 57
99 740 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speeds (all boom lengths)		
13 m/s with 21.3m thru 33.5m Luffing Jib		
11 m/s with 36.6m thru 42.7m Luffing Jib		
9 m/s with 45.7m thru 51.8m Luffing Jib		
7 m/s with 54.9m thru 67.1m Luffing Jib		
5 m/s with 70.1m and 73.2m Luffing Jib		

**15000
SERIES 3**

European
Standards

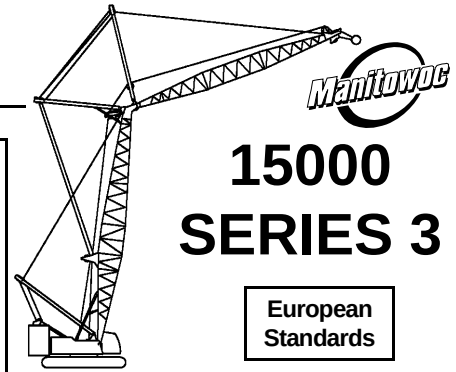
42.5m (139 Ft.) Boom, 67.1m (220 Ft.) Luffing Jib

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	75.1	109.6	15 700*										21.3
22.0	74.5	109.4	15 600*										22.0
24.0	72.7	108.8	15 500*										24.0
26.0	70.9	108.2	15 300*	72.2	108.6	17 600*							26.0
28.0	69.1	107.4	15 100*	70.4	107.9	17 400*							28.0
30.0	67.2	106.6	14 900*	68.6	107.1	17 200*							30.0
32.0	65.4	105.7	14 700*	66.8	106.3	17 100*	68.8	107.0	16 700*				32.0
34.0	63.5	104.7	14 600*	64.9	105.4	16 900*	67.0	106.1	16 600*				34.0
36.0	61.5	103.7	14 400*	63.0	104.4	16 600*	65.1	105.2	16 500*				36.0
38.0	59.6	102.6	13 700*	61.0	103.3	16 000*	63.2	104.2	16 400*	65.3	104.9	15 900	38.0
40.0	57.6	101.3	13 000*	59.0	102.1	15 200*	61.2	103.2	16 000	63.4	104.0	14 900	40.0
42.0	55.5	100.0	12 300*	57.0	100.9	14 500*	59.3	102.0	15 000	61.4	102.9	14 000	42.0
44.0	53.4	98.5	11 700*	55.0	99.5	13 800*	57.2	100.8	14 100	59.5	101.8	13 100	44.0
46.0	51.2	97.0	11 000*	52.8	98.0	13 000*	55.2	99.4	13 300	57.4	100.5	12 400	46.0
48.0	49.0	95.3	10 400*	50.6	96.4	12 400*	53.1	97.9	12 500	55.4	99.2	11 700	48.0
50.0	46.7	93.4	9 900*	48.4	94.7	11 700*	50.9	96.3	11 800	53.3	97.7	11 000	50.0
52.0	44.2	91.4	9 300*	46.0	92.8	10 900*	48.6	94.6	11 200	51.1	96.2	10 400	52.0
54.0	41.7	89.3	8 800*	43.6	90.8	10 200*	46.3	92.8	10 600	48.9	94.4	9 800	54.0
56.0	39.1	86.9	8 400*	41.1	88.6	9 500*	43.9	90.8	10 000	46.5	92.6	9 300	56.0
58.0	36.3	84.3	7 900*	38.4	86.1	8 900*	41.3	88.6	9 500	44.1	90.6	8 800	58.0
60.0	33.2	81.3	7 400*	35.5	83.4	8 400*	38.6	86.2	9 000	41.6	88.4	8 300	60.0
62.0	29.9	78.1	6 900*	32.4	80.4	7 800*	35.8	83.5	8 500	38.9	86.0	7 800	62.0
64.0	26.3	74.2	6 400*	29.0	77.0	7 300*	32.7	80.5	8 000*	36.1	83.4	7 400	64.0
66.0	22.0	69.7	5 900*	25.2	73.1	6 700*	29.4	77.2	7 400*	33.1	80.5	7 000	66.0
68.0	16.8	63.9	5 100*	20.8	68.3	5 900*	25.7	73.3	6 900*	29.7	77.1	6 700	68.0
70.0	8.9	54.9	3 900*	15.2	62.0	5 000*	21.3	68.6	6 200*	26.0	73.3	6 300	70.0
72.0							15.8	62.5	5 300*	21.8	68.7	5 900	72.0
74.0										16.5	62.8	5 500	74.0
76.0										8.2	53.4	4 600*	76.0

Liftcrane Luffing Jib Capacities

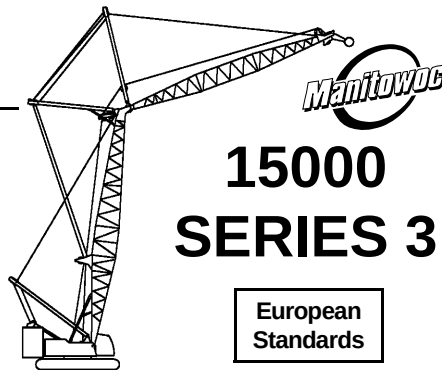
Luffing Jib No. 149A with
Boom No. 57
99 740 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speeds (all boom lengths)	
13 m/s with 21.3m thru 33.5m Luffing Jib	
11 m/s with 36.6m thru 42.7m Luffing Jib	
9 m/s with 45.7m thru 51.8m Luffing Jib	
7 m/s with 54.9m thru 67.1m Luffing Jib	
5 m/s with 70.1m and 73.2m Luffing Jib	



42.5m (139 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	75.7	112.8	14 600*										21.3
22.0	75.2	112.6	14 600*										22.0
24.0	73.5	112.0	14 400*										24.0
26.0	71.8	111.4	14 200*	73.0	111.8	16 500*							26.0
28.0	70.0	110.7	14 100*	71.3	111.1	16 300*							28.0
30.0	68.3	109.9	13 900*	69.6	110.4	16 100*							30.0
32.0	66.5	109.1	13 700*	67.8	109.6	16 000*	69.8	110.2	15 800*				32.0
34.0	64.7	108.2	13 600*	66.0	108.7	15 800*	68.0	109.4	15 700*				34.0
36.0	62.9	107.2	13 400*	64.2	107.8	15 600*	66.2	108.6	15 600*				36.0
38.0	61.0	106.1	13 000*	62.4	106.8	15 000*	64.4	107.7	15 500*	66.4	108.3	15 600	38.0
40.0	59.1	104.9	12 400*	60.5	105.7	14 300*	62.6	106.6	15 300	64.6	107.4	14 600	40.0
42.0	57.2	103.6	11 700*	58.6	104.5	13 700*	60.7	105.5	14 700	62.8	106.4	13 700	42.0
44.0	55.2	102.3	11 100*	56.7	103.2	13 100*	58.8	104.4	13 800	60.9	105.3	12 900	44.0
46.0	53.2	100.8	10 500*	54.7	101.8	12 400*	56.9	103.1	13 000	59.0	104.1	12 100	46.0
48.0	51.1	99.3	10 000*	52.7	100.3	11 800*	54.9	101.7	12 200	57.1	102.9	11 400	48.0
50.0	49.0	97.6	9 500*	50.6	98.7	11 200*	52.9	100.2	11 600	55.1	101.5	10 700	50.0
52.0	46.8	95.7	9 000*	48.4	97.0	10 600*	50.8	98.7	10 900	53.1	100.0	10 100	52.0
54.0	44.5	93.8	8 500*	46.2	95.1	10 000*	48.6	96.9	10 300	51.0	98.4	9 500	54.0
56.0	42.1	91.6	8 100*	43.9	93.1	9 400*	46.4	95.1	9 800	48.9	96.7	9 000	56.0
58.0	39.5	89.3	7 700*	41.4	90.9	8 700*	44.1	93.1	9 300	46.6	94.9	8 500	58.0
60.0	36.9	86.7	7 200*	38.9	88.5	8 200*	41.7	90.9	8 700	44.3	92.9	8 000	60.0
62.0	34.0	83.8	6 700*	36.2	85.9	7 700*	39.1	88.5	8 300	41.9	90.8	7 600	62.0
64.0	31.0	80.7	6 300*	33.3	83.0	7 200*	36.5	85.9	7 800*	39.4	88.4	7 200	64.0
66.0	27.6	77.1	5 800*	30.1	79.7	6 700*	33.6	83.0	7 300*	36.7	85.8	6 800	66.0
68.0	23.8	72.8	5 400*	26.7	75.9	6 200*	30.5	79.8	6 800*	33.9	83.0	6 400	68.0
70.0	19.3	67.7	4 800*	22.7	71.5	5 500*	27.0	76.1	6 300*	30.8	79.8	6 100	70.0
72.0	13.3	60.7	3 800*	17.9	66.0	4 700*	23.1	71.8	5 800*	27.4	76.1	5 700	72.0
74.0				11.3	58.2	3 700*	18.5	66.4	5 100*	23.6	71.9	5 400	74.0
76.0							12.2	59.0	4 100*	19.0	66.7	5 100	76.0
78.0										12.9	59.5	4 400*	78.0



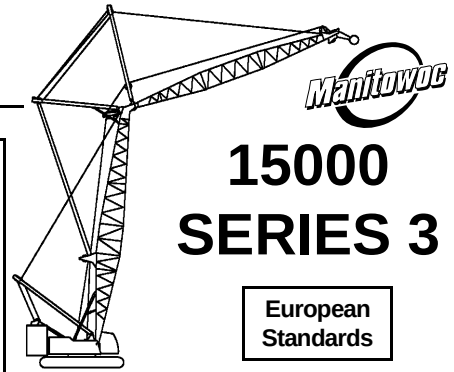
Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A with
Boom No. 57
99 740 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speeds (all boom lengths)		
13 m/s with 21.3m thru 33.5m Luffing Jib		
11 m/s with 36.6m thru 42.7m Luffing Jib		
9 m/s with 45.7m thru 51.8m Luffing Jib		
7 m/s with 54.9m thru 67.1m Luffing Jib		
5 m/s with 70.1m and 73.2m Luffing Jib		

42.5m (139 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	75.1	115.5	13 200*							22.9
24.0	74.2	115.2	13 100*							24.0
26.0	72.6	114.6	13 000*	73.8	115.0	15 000*				26.0
28.0	70.9	113.9	12 800*	72.1	114.3	14 800*				28.0
30.0	69.2	113.2	12 700*	70.5	113.6	14 700*				30.0
32.0	67.5	112.4	12 500*	68.8	112.9	14 500*	70.6	113.5	14 300*	32.0
34.0	65.8	111.5	12 400*	67.1	112.1	14 400*	69.0	112.7	14 200*	34.0
36.0	64.1	110.6	12 200*	65.4	111.2	14 200*	67.3	111.9	14 100*	36.0
38.0	62.3	109.5	12 100*	63.6	110.2	14 100*	65.6	111.0	14 000*	38.0
40.0	60.6	108.4	11 900*	61.9	109.2	13 600*	63.8	110.1	13 900*	40.0
42.0	58.7	107.2	11 300*	60.1	108.0	13 100*	62.1	109.0	13 800*	42.0
44.0	56.9	106.0	10 800*	58.3	106.8	12 500*	60.3	107.9	13 400	44.0
46.0	55.0	104.6	10 200*	56.4	105.5	11 900*	58.4	106.7	12 600	46.0
48.0	53.0	103.1	9 700*	54.5	104.1	11 400*	56.6	105.4	11 900	48.0
50.0	51.0	101.6	9 200*	52.5	102.6	10 900*	54.7	104.0	11 200	50.0
52.0	49.0	99.9	8 800*	50.5	101.0	10 300*	52.7	102.6	10 600	52.0
54.0	46.9	98.0	8 300*	48.4	99.3	9 800*	50.7	101.0	10 000	54.0
56.0	44.7	96.1	7 900*	46.3	97.4	9 100*	48.7	99.2	9 400	56.0
58.0	42.4	93.9	7 500*	44.1	95.4	8 500*	46.5	97.4	8 900	58.0
60.0	40.0	91.6	7 000*	41.8	93.3	7 900*	44.3	95.4	8 400	60.0
62.0	37.5	89.1	6 500*	39.3	90.9	7 400*	42.0	93.2	8 000	62.0
64.0	34.8	86.3	6 000*	36.8	88.3	6 900*	39.6	90.9	7 500	64.0
66.0	31.9	83.3	5 600*	34.1	85.5	6 400*	37.1	88.3	7 000*	66.0
68.0	28.8	79.8	5 200*	31.1	82.3	6 000*	34.4	85.5	6 500*	68.0
70.0	25.3	75.8	4 800*	27.9	78.7	5 500*	31.4	82.4	6 000*	70.0
72.0	21.3	71.1	4 300*	24.3	74.6	5 100*	28.3	78.9	5 600*	72.0
74.0	16.3	65.1	3 600*	20.1	69.6	4 300*	24.7	74.8	5 200*	74.0
76.0	9.0	56.0	2 600*	14.8	63.1	3 500*	20.6	69.9	4 600*	76.0
78.0							15.4	63.7	3 800*	78.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A with
Boom No. 57
99 740 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speeds (all boom lengths)		
13 m/s with 21.3m thru 33.5m Luffing Jib		
11 m/s with 36.6m thru 42.7m Luffing Jib		
9 m/s with 45.7m thru 51.8m Luffing Jib		
7 m/s with 54.9m thru 67.1m Luffing Jib		
5 m/s with 70.1m and 73.2m Luffing Jib		

**15000
SERIES 3**

European
Standards

45.5m (149 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	66.8	58 600*b																			13.7
14.0	62.5	66.7	58 200*b																			14.0
16.0	56.2	65.4	54 900*b	61.2	66.3	56 600b																16.0
18.0	49.3	63.9	48 100*	54.8	65.0	50 500b	62.3	66.3	48 400b													18.0
20.0	41.7	61.8	42 200*	47.8	63.4	45 500*	56.0	65.0	43 600b	63.4	66.1	41 700b										20.0
22.0	32.5	59.1	37 600*	39.9	61.2	40 600*	49.2	63.4	39 700	57.2	64.9	37 900b										22.0
24.0	19.8	54.8	32 100*	30.3	58.2	36 500*	41.5	61.4	36 400	50.4	63.4	34 700										24.0
26.0							32.3	58.6	33 700	42.9	61.4	32 000	56.7	63.9	29 600b							26.0
28.0							19.4	54.3	30 700	34.0	58.8	29 700	49.9	62.3	27 300							28.0
30.0										22.2	54.9	27 600	42.3	60.3	25 400							30.0
32.0													33.4	57.7	23 700	49.1	60.9	21 800				32.0
34.0													21.2	53.6	21 800	41.4	58.8	20 100				34.0
36.0																32.2	56.0	18 600	47.8	59.0	17 100	36.0
38.0																19.3	51.7	17 300	39.9	56.8	15 800	38.0
40.0																			30.3	53.8	14 800	40.0
42.0																			15.9	48.9	13 700	42.0

45.5m (149 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	70.2	53 600*b																			13.7
14.0	66.2	70.1	53 300*b																			14.0
16.0	60.9	69.0	51 200*b	65.1	69.8	55 500b																16.0
18.0	55.3	67.7	47 300*	59.8	68.7	49 500	66.1	69.7	47 400b													18.0
20.0	49.3	66.2	42 000*	54.1	67.3	44 700	60.8	68.6	42 700b	67.0	69.5	40 800b										20.0
22.0	42.6	64.2	37 300*	48.0	65.7	40 400*	55.2	67.3	38 900	61.7	68.5	37 100b										22.0
24.0	35.0	61.6	33 600*	41.2	63.6	36 300*	49.1	65.7	35 700	56.2	67.2	34 000										24.0
26.0	25.4	58.0	30 400*	33.2	60.8	32 900*	42.5	63.7	32 900	50.2	65.7	31 400	61.3	67.5	28 900b							26.0
28.0				22.9	56.9	29 800*	34.8	61.2	30 600	43.7	63.7	29 000	55.8	66.2	26 700							28.0
30.0							25.1	57.5	28 500	36.2	61.3	27 100	49.8	64.6	24 800							30.0
32.0							7.0	50.1	24 700	27.0	57.9	25 300	43.2	62.7	23 100	55.1	64.8	21 200				32.0
34.0													35.7	60.2	21 600	49.1	63.2	19 800				34.0
36.0													26.3	56.7	20 000	42.4	61.2	18 400				36.0
38.0													10.6	50.4	18 500	34.7	58.6	17 100	47.9	61.3	15 600	38.0
40.0																25.0	54.9	15 900	41.1	59.2	14 400	40.0
42.0																			33.2	56.4	13 500	42.0
44.0																			22.8	52.5	12 600	44.0



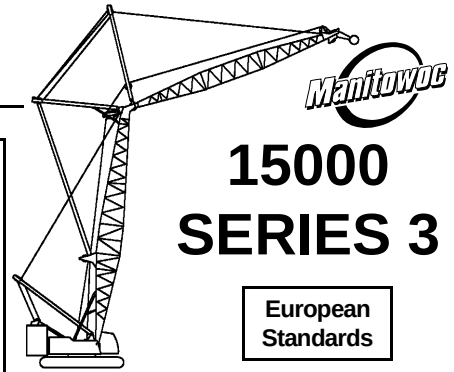
Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A with
Boom No. 57
99 740 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speeds (all boom lengths)	
13 m/s with 21.3m thru 33.5m Luffing Jib	
11 m/s with 36.6m thru 42.7m Luffing Jib	
9 m/s with 45.7m thru 51.8m Luffing Jib	
7 m/s with 54.9m thru 67.1m Luffing Jib	
5 m/s with 70.1m and 73.2m Luffing Jib	

45.5m (149 Ft.) Boom, 27.4m (90 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
13.7	69.6	73.5	49 300 *																		13.7	
14.0	69.0	73.4	49 000 *																		14.0	
16.0	64.4	72.5	47 100 *	68.1	73.1	54 500 b															16.0	
18.0	59.6	71.4	44 900 *	63.4	72.2	48 700															18.0	
20.0	54.6	70.1	40 500 *	58.6	71.0	44 000	64.3	72.1	42 000 b												20.0	
22.0	49.3	68.5	36 400 *	53.5	69.7	40 000	59.5	71.0	38 300	65.1	71.9	36 500 b									22.0	
24.0	43.4	66.5	32 700 *	48.1	68.0	36 100 *	54.5	69.7	35 100	60.4	70.8	33 400									24.0	
26.0	36.8	64.0	29 600 *	42.1	65.9	32 700 *	49.1	68.0	32 400	55.4	69.5	30 800									26.0	
28.0	28.9	60.8	27 200 *	35.3	63.3	29 900 *	43.3	66.1	30 000	50.1	68.0	28 500	60.0	69.8	26 200						28.0	
30.0	18.1	56.1	24 500 *	27.0	59.9	27 400 *	36.6	63.6	28 000	44.3	66.1	26 600	55.1	68.5	24 400						30.0	
32.0				14.8	54.5	24 200 *	28.7	60.4	26 200	37.9	63.7	24 800	49.7	66.9	22 700						32.0	
34.0							17.7	55.5	24 100	30.2	60.6	23 300	43.9	65.0	21 300	54.5	67.1	19 400			34.0	
36.0													37.4	62.6	19 900	49.1	65.5	18 200			36.0	
38.0													29.6	59.5	18 500	43.2	63.5	16 900			38.0	
40.0													19.2	54.9	17 200	36.6	61.0	15 800	48.1	63.6	14 300	40.0
42.0																28.6	57.8	14 700	42.1	61.5	13 300	42.0
44.0																17.6	52.9	13 700	35.3	58.9	12 400	44.0
46.0																			27.0	55.5	11 600	46.0
48.0																			14.8	50.0	10 900	48.0



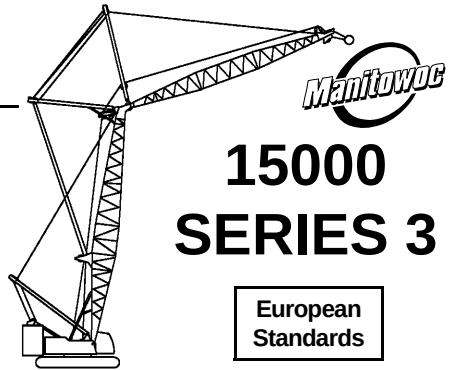
Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A with
Boom No. 57
99 740 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speeds (all boom lengths)		
13 m/s with 21.3m thru 33.5m Luffing Jib		
11 m/s with 36.6m thru 42.7m Luffing Jib		
9 m/s with 45.7m thru 51.8m Luffing Jib		
7 m/s with 54.9m thru 67.1m Luffing Jib		
5 m/s with 70.1m and 73.2m Luffing Jib		

45.5m (149 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	76.7	45 200*																			13.7
14.0	71.2	76.7	45 000*																			14.0
16.0	67.1	75.9	43 400*	70.4	76.4	52 300b																16.0
18.0	63.0	74.9	41 900*	66.3	75.6	48 000																18.0
20.0	58.6	73.7	39 000*	62.1	74.6	43 200	67.0	75.5	41 200b													20.0
22.0	54.1	72.4	35 100*	57.7	73.4	39 400	62.9	74.5	37 500													22.0
24.0	49.2	70.8	31 800*	53.1	72.0	35 800	58.5	73.3	34 400	63.6	74.3	32 700										24.0
26.0	44.0	68.8	28 700*	48.2	70.3	32 500*	54.0	72.0	31 700	59.3	73.2	30 100										26.0
28.0	38.2	66.5	26 100*	42.8	68.3	29 600*	49.1	70.3	29 400	54.8	71.8	27 900										28.0
30.0	31.5	63.5	24 000*	36.9	65.8	27 200*	43.9	68.4	27 400	50.0	70.3	26 000	59.0	72.2	23 800							30.0
32.0	23.0	59.5	22 400*	29.9	62.7	25 000*	38.0	66.0	25 600	44.8	68.4	24 300	54.5	70.8	22 100							32.0
34.0				20.9	58.3	22 900*	31.3	63.0	24 000	39.1	66.1	22 700	49.6	69.2	20 700							34.0
36.0							22.8	59.0	22 500	32.6	63.2	21 300	44.4	67.3	19 400	53.9	69.4	17 600				36.0
38.0							7.8	51.3	19 500	24.5	59.5	19 900	38.7	65.0	18 200	49.1	67.8	16 600				38.0
40.0													32.1	62.1	17 000	43.8	65.8	15 400				40.0
42.0													23.8	58.2	15 900	38.0	63.5	14 400	48.2	65.9	13 000	42.0
44.0													10.5	51.4	14 800	31.2	60.5	13 500	42.8	63.9	12 100	44.0
46.0																22.7	56.4	12 600	36.9	61.4	11 400	46.0
48.0																			29.9	58.3	10 600	48.0
50.0																			20.8	53.9	9 900	50.0



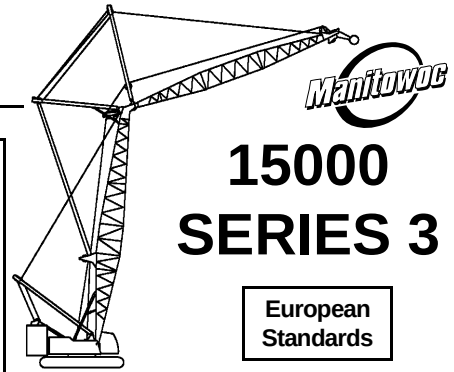
Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A with
Boom No. 57
99 740 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speeds (all boom lengths)	
13 m/s with 21.3m thru 33.5m Luffing Jib	
11 m/s with 36.6m thru 42.7m Luffing Jib	
9 m/s with 45.7m thru 51.8m Luffing Jib	
7 m/s with 54.9m thru 67.1m Luffing Jib	
5 m/s with 70.1m and 73.2m Luffing Jib	

45.5m (149 Ft.) Boom, 33.5m (110 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
13.7	73.5	80.0	41 500*																			13.7
14.0	73.0	79.9	41 300*																			14.0
16.0	69.3	79.2	40 000*	72.2	79.6	48 500*																16.0
18.0	65.6	78.3	38 700*	68.6	78.9	46 900																18.0
20.0	61.8	77.3	37 500*	64.8	78.0	42 600	69.2	78.8	40 600													20.0
22.0	57.8	76.1	33 900*	61.0	76.9	38 900	65.5	77.9	37 000													22.0
24.0	53.6	74.7	30 800*	56.9	75.7	35 600	61.7	76.9	34 000													24.0
26.0	49.2	73.1	28 000*	52.7	74.3	32 400*	57.7	75.7	31 300	62.4	76.7	29 800										26.0
28.0	44.5	71.1	25 500*	48.3	72.6	29 500*	53.5	74.3	29 000	58.4	75.5	27 600										28.0
30.0	39.3	68.8	23 200*	43.4	70.6	27 100*	49.1	72.6	27 000	54.3	74.2	25 600										30.0
32.0	33.4	66.1	21 400*	38.1	68.2	25 000*	44.4	70.7	25 300	49.9	72.6	23 900	58.1	74.5	21 900							32.0
34.0	26.4	62.5	19 900*	32.1	65.3	23 100*	39.1	68.4	23 700	45.2	70.7	22 400	54.0	73.1	20 400							34.0
36.0	16.8	57.3	18 600*	24.7	61.5	21 400*	33.3	65.6	22 300	40.1	68.5	21 000	49.6	71.5	19 200							36.0
38.0				14.1	55.6	18 700*	26.2	62.0	20 900	34.4	65.8	19 800	44.9	69.6	18 000	53.5	71.7	16 300				38.0
40.0							16.6	56.7	19 200	27.6	62.3	18 500	39.7	67.4	17 000	49.1	70.1	15 300				40.0
42.0										18.6	57.5	17 300	33.9	64.6	15 900	44.3	68.1	14 400				42.0
44.0													27.1	61.2	14 800	39.1	65.8	13 400	48.2	68.2	12 100	44.0
46.0													17.8	56.2	13 900	33.2	63.0	12 600	43.4	66.2	11 300	46.0
48.0																26.2	59.4	11 800	38.1	63.8	10 600	48.0
50.0																16.4	54.1	11 100	32.1	60.9	9 900	50.0
52.0																			24.7	57.1	9 300	52.0
54.0																			14.0	51.2	8 700	54.0



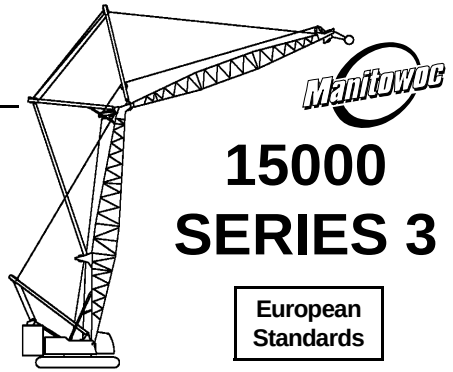
Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A with
Boom No. 57
99 740 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speeds (all boom lengths)		
13 m/s with 21.3m thru 33.5m Luffing Jib		
11 m/s with 36.6m thru 42.7m Luffing Jib		
9 m/s with 45.7m thru 51.8m Luffing Jib		
7 m/s with 54.9m thru 67.1m Luffing Jib		
5 m/s with 70.1m and 73.2m Luffing Jib		

45.5m (149 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	83.1	38 000*																			13.7
14.0	74.4	83.1	37 900*																			14.0
16.0	71.1	82.4	36 900*																			16.0
18.0	67.8	81.6	35 800*	70.4	82.2	43 700*																18.0
20.0	64.3	80.7	34 800*	67.1	81.3	41 500																20.0
22.0	60.8	79.7	32 800*	63.6	80.4	38 200	67.7	81.2	36 300													22.0
24.0	57.1	78.4	29 800*	60.0	79.3	35 000	64.2	80.3	33 300													24.0
26.0	53.2	77.0	27 200*	56.3	78.0	32 100*	60.7	79.3	30 700	64.9	80.1	29 100										26.0
28.0	49.2	75.3	24 800*	52.4	76.6	29 300*	57.0	78.0	28 500	61.3	79.1	27 000										28.0
30.0	44.9	73.4	22 700*	48.3	74.9	26 800*	53.2	76.6	26 400	57.7	77.9	25 100										30.0
32.0	40.2	71.2	20 800*	43.9	72.9	24 700*	49.1	74.9	24 700	53.8	76.5	23 400	61.1	78.1	21 300							32.0
34.0	35.0	68.6	19 200*	39.1	70.6	22 700*	44.8	73.0	23 100	49.8	74.9	21 900	57.4	76.8	19 900							34.0
36.0	28.9	65.3	17 900*	33.8	67.8	20 800*	40.1	70.8	21 800	45.5	73.0	20 600	53.6	75.4	18 700							36.0
38.0	21.4	60.9	16 900*	27.5	64.4	19 300*	34.8	68.1	20 500	40.9	70.8	19 300	49.5	73.8	17 500							38.0
40.0				19.5	59.6	18 000*	28.8	64.8	19 400	35.8	68.2	18 300	45.2	71.9	16 500	53.1	74.0	14 800				40.0
42.0							21.2	60.4	18 100	29.9	65.1	17 200	40.6	69.7	15 600	49.0	72.4	14 000				42.0
44.0							8.3	52.4	15 400	22.7	60.9	16 100	35.4	67.1	14 600	44.7	70.5	13 100				44.0
46.0													29.5	63.9	13 700	40.0	68.2	12 300	48.3	70.5	11 000	46.0
48.0													22.1	59.7	12 800	34.8	65.5	11 500	43.9	68.5	10 300	48.0
50.0													10.5	52.5	12 000	28.7	62.2	10 800	39.1	66.2	9 600	50.0
52.0																21.1	57.8	10 200	33.8	63.4	9 000	52.0
54.0																			27.5	60.0	8 500	54.0
56.0																			19.4	55.2	7 900	56.0



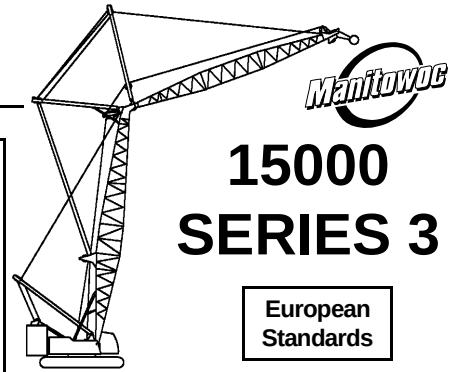
Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A with
Boom No. 57
99 740 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speeds (all boom lengths)	
13 m/s with 21.3m thru 33.5m Luffing Jib	
11 m/s with 36.6m thru 42.7m Luffing Jib	
9 m/s with 45.7m thru 51.8m Luffing Jib	
7 m/s with 54.9m thru 67.1m Luffing Jib	
5 m/s with 70.1m and 73.2m Luffing Jib	

45.5m (149 Ft.) Boom, 39.6m (130 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
15.2	73.8	85.9	34 200*																			15.2
16.0	72.6	85.6	33 900*																			16.0
18.0	69.6	84.9	33 100*	72.0	85.4	39 900*																18.0
20.0	66.4	84.1	32 500*	68.9	84.7	39 300*																20.0
22.0	63.2	83.1	31 400*	65.8	83.8	36 800*	69.5	84.5	35 700													22.0
24.0	59.9	82.0	29 000*	62.5	82.8	34 200*	66.4	83.7	32 700													24.0
26.0	56.5	80.7	26 500*	59.2	81.7	31 500*	63.1	82.7	30 200	66.9	83.5	28 600										26.0
28.0	52.9	79.3	24 300*	55.8	80.4	29 000*	59.8	81.6	27 900	63.7	82.5	26 500										28.0
30.0	49.2	77.7	22 300*	52.2	78.9	26 700*	56.4	80.3	26 000	60.4	81.4	24 600										30.0
32.0	45.2	75.8	20 500*	48.4	77.2	24 400*	52.8	78.9	24 300	57.0	80.2	23 000										32.0
34.0	40.9	73.6	18 900*	44.3	75.2	22 500*	49.1	77.2	22 700	53.5	78.8	21 500	60.2	80.4	19 500							34.0
36.0	36.2	71.0	17 500*	40.0	73.0	20 600*	45.1	75.3	21 300	49.8	77.2	20 100	56.8	79.2	18 200							36.0
38.0	30.9	67.9	16 200*	35.2	70.3	19 000*	40.8	73.2	20 100	45.8	75.3	19 000	53.2	77.8	17 100							38.0
40.0	24.6	64.0	15 300*	29.7	67.1	17 700*	36.1	70.6	19 000	41.6	73.2	17 800	49.5	76.1	16 100	56.4	77.8	14 500				40.0
42.0	16.0	58.5	14 400*	23.0	63.0	16 600*	30.8	67.5	17 900	37.0	70.7	16 900	45.5	74.2	15 200	52.8	76.3	13 600				42.0
44.0				13.5	56.7	14 700*	24.4	63.6	16 800	31.8	67.7	15 900	41.3	72.1	14 400	49.0	74.7	12 800				44.0
46.0							15.7	57.9	15 600	25.6	64.0	14 900	36.6	69.6	13 500	45.1	72.8	12 100	52.1	74.5	10 700	46.0
48.0										17.5	58.7	14 000	31.4	66.5	12 700	40.8	70.6	11 400	48.4	72.8	10 000	48.0
50.0													25.1	62.7	11 900	36.0	68.0	10 700	44.3	70.8	9 400	50.0
52.0													16.8	57.4	11 200	30.7	64.9	10 000	40.0	68.6	8 800	52.0
54.0																24.3	61.0	9 400	35.2	65.9	8 300	54.0
56.0																15.6	55.3	8 800	29.7	62.7	7 800	56.0
58.0																			23.0	58.5	7 300	58.0
60.0																			13.5	52.3	6 800	60.0



Liftcrane Luffing Jib Capacities

**Luffing Jib No. 149A with
Boom No. 57
99 740 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating**

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

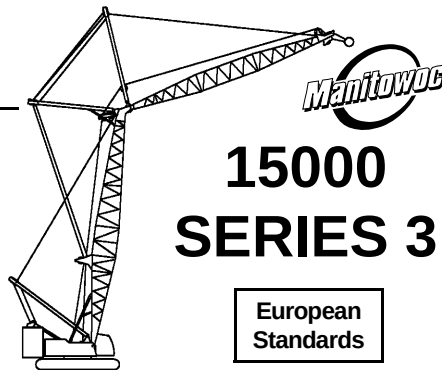
13 m/s with 21.3m thru 33.5m Luffing Jib
11 m/s with 36.6m thru 42.7m Luffing Jib
9 m/s with 45.7m thru 51.8m Luffing Jib
7 m/s with 54.9m thru 67.1m Luffing Jib
5 m/s with 70.1m and 73.2m Luffing Jib

**15000
SERIES 3**

**European
Standards**

45.5m (149 Ft.) Boom, 42.7m (140 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
15.2	75.0	89.0	31 400*																			15.2
16.0	73.9	88.8	31 200*																			16.0
18.0	71.1	88.2	30 500*																			18.0
20.0	68.2	87.4	30 100*	70.5	87.9	36 000*																20.0
22.0	65.3	86.5	29 100*	67.6	87.1	34 800*																22.0
24.0	62.3	85.5	27 800*	64.7	86.2	32 500*	68.1	87.0	32 100													24.0
26.0	59.2	84.4	25 700*	61.6	85.2	30 300*	65.2	86.1	29 600													26.0
28.0	56.0	83.1	23 600*	58.5	84.0	28 100*	62.2	85.1	27 400	65.7	85.9	25 900										28.0
30.0	52.6	81.6	21 800*	55.3	82.7	25 900*	59.1	84.0	25 500	62.7	84.9	24 100										30.0
32.0	49.2	79.9	20 000*	51.9	81.2	23 900*	55.9	82.7	23 700	59.7	83.8	22 400										32.0
34.0	45.5	78.1	18 500*	48.4	79.5	22 000*	52.6	81.2	22 200	56.5	82.5	21 000										34.0
36.0	41.5	75.9	17 100*	44.7	77.6	20 300*	49.1	79.5	20 900	53.2	81.1	19 700	59.4	82.8	17 800							36.0
38.0	37.3	73.4	15 800*	40.7	75.3	18 800*	45.4	77.7	19 600	49.7	79.5	18 500	56.2	81.5	16 600							38.0
40.0	32.5	70.5	14 800*	36.3	72.8	17 300*	41.4	75.5	18 500	46.0	77.6	17 400	52.9	80.1	15 600							40.0
42.0	27.0	66.9	13 900*	31.4	69.7	16 100*	37.1	73.0	17 500	42.2	75.5	16 400	49.5	78.4	14 700	55.9	80.1	13 100				42.0
44.0	20.1	62.2	13 300*	25.7	66.0	15 100*	32.4	70.1	16 600	37.9	73.1	15 600	45.8	76.6	13 900	52.5	78.6	12 400				44.0
46.0				18.4	60.9	14 300*	26.8	66.5	15 600	33.3	70.2	14 700	41.9	74.4	13 100	49.0	77.0	11 600				46.0
48.0							19.9	61.7	14 600	27.9	66.8	13 800	37.6	72.0	12 400	45.3	75.1	11 000				48.0
50.0							8.6	53.6	12 400*	21.3	62.3	13 000	32.9	69.1	11 700	41.4	72.9	10 400	48.4	75.1	9 100	50.0
52.0													27.5	65.6	11 000	37.1	70.4	9 700	44.7	73.2	8 500	52.0
54.0													20.8	61.0	10 300	32.3	67.5	9 100	40.7	70.9	8 000	54.0
56.0													10.4	53.6	9 700	26.8	63.9	8 600	36.3	68.4	7 500	56.0
58.0																19.9	59.1	8 100	31.4	65.3	7 000	58.0
60.0																			25.7	61.6	6 600	60.0
62.0																			18.4	56.5	6 100	62.0
64.0																			3.3	45.5	5 700	64.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A with
Boom No. 57
99 740 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speeds (all boom lengths)	
13 m/s with 21.3m thru 33.5m Luffing Jib	
11 m/s with 36.6m thru 42.7m Luffing Jib	
9 m/s with 45.7m thru 51.8m Luffing Jib	
7 m/s with 54.9m thru 67.1m Luffing Jib	
5 m/s with 70.1m and 73.2m Luffing Jib	

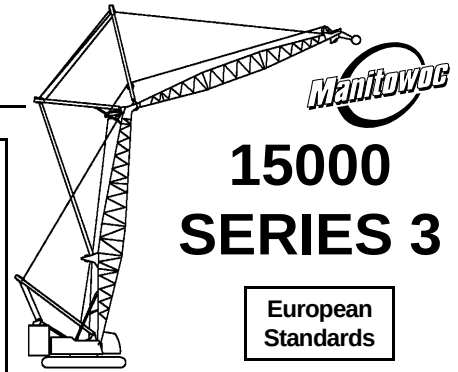
45.5m (149 Ft.) Boom, 45.7m (150 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
16.8	74.0	91.8	28 500*																			16.8
18.0	72.4	91.4	28 300*																			18.0
20.0	69.7	90.7	27 600*	71.8	91.1	32 900*																20.0
22.0	67.0	89.9	27 200*	69.2	90.4	32 500*																22.0
24.0	64.3	88.9	26 400*	66.5	89.6	31 000*																24.0
26.0	61.4	87.9	24 800*	63.7	88.6	29 000*	67.0	89.5	29 200													26.0
28.0	58.5	86.7	22 900*	60.8	87.6	27 100*	64.2	88.6	27 000													28.0
30.0	55.5	85.4	21 200*	57.9	86.3	25 200*	61.4	87.5	25 100	64.7	88.3	23 800										30.0
32.0	52.4	83.9	19 600*	54.9	85.0	23 400*	58.5	86.3	23 400	61.9	87.3	22 100										32.0
34.0	49.1	82.2	18 100*	51.7	83.5	21 600*	55.5	85.0	21 900	59.0	86.2	20 700										34.0
36.0	45.7	80.4	16 800*	48.5	81.8	20 000*	52.3	83.5	20 600	56.0	84.8	19 400										36.0
38.0	42.1	78.3	15 600*	45.0	79.9	18 500*	49.1	81.8	19 300	52.9	83.4	18 200	58.8	85.2	16 400							38.0
40.0	38.1	75.8	14 500*	41.3	77.7	17 200*	45.6	80.0	18 300	49.7	81.8	17 100	55.8	83.8	15 400							40.0
42.0	33.8	73.1	13 500*	37.3	75.2	15 900*	42.0	77.8	17 200	46.3	79.9	16 200	52.7	82.4	14 500							42.0
44.0	28.9	69.7	12 800*	32.9	72.3	14 800*	38.0	75.4	16 300	42.6	77.8	15 300	49.4	80.7	13 700	55.4	82.4	12 200				44.0
46.0	23.1	65.5	12 100*	27.8	68.8	13 900*	33.7	72.6	15 500	38.8	75.5	14 500	46.0	78.9	12 900	52.3	80.9	11 500				46.0
48.0	15.3	59.6	11 500*	21.7	64.4	13 200*	28.8	69.2	14 600	34.5	72.7	13 700	42.4	76.8	12 300	49.0	79.3	10 800				48.0
50.0				13.1	57.8	11 700*	23.0	65.0	13 700	29.7	69.5	12 900	38.5	74.4	11 600	45.6	77.4	10 200				50.0
52.0							15.1	59.1	12 500*	24.1	65.5	12 200	34.2	71.6	10 900	41.9	75.3	9 600	48.4	77.4	8 400	52.0
54.0										16.7	60.0	11 500	29.4	68.3	10 300	38.0	72.8	9 100	45.0	75.5	7 900	54.0
56.0													23.7	64.2	9 700	33.7	70.0	8 500	41.3	73.3	7 400	56.0
58.0													16.1	58.5	9 100			8 000	37.3	70.8	6 900	58.0
60.0																22.9	62.4	7 500	32.8	67.9	6 500	60.0
62.0																15.0	56.4	7 100	27.8	64.4	6 100	62.0
64.0																			21.7	60.0	5 700	64.0
66.0																			13.1	53.4	5 300	66.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A with
Boom No. 57
99 740 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speeds (all boom lengths)	
13 m/s with 21.3m thru 33.5m Luffing Jib	
11 m/s with 36.6m thru 42.7m Luffing Jib	
9 m/s with 45.7m thru 51.8m Luffing Jib	
7 m/s with 54.9m thru 67.1m Luffing Jib	
5 m/s with 70.1m and 73.2m Luffing Jib	



45.5m (149 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	75.0	94.9	26 200*																16.8
18.0	73.5	94.6	26 100*																18.0
20.0	71.1	93.9	25 400*	73.0	94.3	30 100*													20.0
22.0	68.5	93.2	25 000*	70.5	93.7	29 900*													22.0
24.0	66.0	92.3	24 500*	68.0	92.9	29 200*													24.0
26.0	63.4	91.3	23 800*	65.5	92.0	27 600*	68.5	92.8	28 600										26.0
28.0	60.7	90.3	22 100*	62.8	91.0	25 900*	65.9	91.9	26 500										28.0
30.0	58.0	89.1	20 500*	60.1	89.9	24 300*	63.3	91.0	24 600	66.4	91.7	23 200							30.0
32.0	55.1	87.7	19 000*	57.4	88.7	22 700*	60.6	89.9	22 900	63.8	90.7	21 600							32.0
34.0	52.2	86.2	17 700*	54.5	87.3	21 100*	57.9	88.7	21 400	61.1	89.7	20 200							34.0
36.0	49.1	84.6	16 500*	51.6	85.8	19 600*	55.1	87.3	20 100	58.4	88.5	18 900							36.0
38.0	45.9	82.7	15 300*	48.5	84.1	18 200*	52.1	85.8	18 900	55.6	87.2	17 700	60.9	88.7	15 900				38.0
40.0	42.5	80.6	14 200*	45.2	82.2	16 900*	49.1	84.1	17 800	52.7	85.7	16 700	58.2	87.5	15 000				40.0
42.0	38.9	78.2	13 300*	41.8	80.0	15 700*	45.9	82.3	16 800	49.6	84.1	15 800	55.4	86.2	14 100				42.0
44.0	34.9	75.5	12 400*	38.1	77.6	14 700*	42.4	80.2	15 900	46.4	82.2	14 900	52.4	84.7	13 300				44.0
46.0	30.5	72.4	11 700*	34.1	74.8	13 700*	38.8	77.8	15 000	43.1	80.2	14 100	49.4	83.0	12 500	55.0	84.7	11 000	46.0
48.0	25.5	68.5	11 100*	29.6	71.5	12 800*	34.8	75.1	14 300	39.5	77.9	13 300	46.2	81.2	11 800	52.1	83.2	10 400	48.0
50.0	19.1	63.5	10 700*	24.3	67.5	12 100*	30.4	71.9	13 500	35.6	75.2	12 700	42.8	79.1	11 200	49.0	81.6	9 800	50.0
52.0				17.5	62.2	11 400*	25.3	68.1	12 800	31.2	72.1	11 900	39.2	76.8	10 600	45.8	79.7	9 200	52.0
54.0							19.0	63.0	11 900	26.3	68.4	11 200	35.3	74.1	10 000	42.4	77.6	8 700	54.0
56.0							8.8	54.7	9 900*	20.2	63.7	10 600	30.9	71.0	9 400	38.8	75.2	8 300	56.0
58.0													25.9	67.2	8 900	34.8	72.5	7 700	58.0
60.0													19.7	62.3	8 400	30.4	69.3	7 300	60.0
62.0													10.4	54.7	7 800	25.3	65.5	6 900	62.0
64.0																18.9	60.4	6 400	64.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A with
Boom No. 57
99 740 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speeds (all boom lengths)	
13 m/s with 21.3m thru 33.5m Luffing Jib	
11 m/s with 36.6m thru 42.7m Luffing Jib	
9 m/s with 45.7m thru 51.8m Luffing Jib	
7 m/s with 54.9m thru 67.1m Luffing Jib	
5 m/s with 70.1m and 73.2m Luffing Jib	

45.5m (149 Ft.) Boom, 51.8m (170 Ft.) Luffing Jib

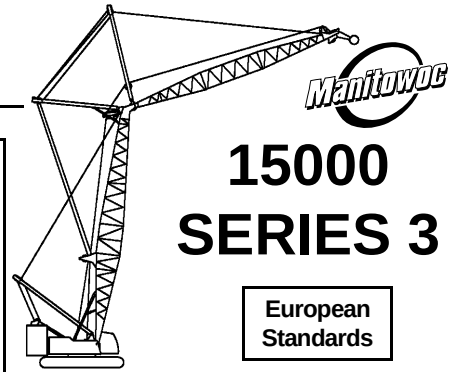
Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib 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	
16.8	75.9	98.1	23 900*																16.8
18.0	74.5	97.8	23 800*																18.0
20.0	72.2	97.2	23 600*																20.0
22.0	69.9	96.4	23 100*	71.7	96.9	27 100*													22.0
24.0	67.5	95.7	22 600*	69.4	96.2	27 000*													24.0
26.0	65.1	94.7	22 200*	67.0	95.4	26 300*	69.8	96.1	26 400*										26.0
28.0	62.6	93.7	21 500*	64.6	94.4	24 900*	67.4	95.2	25 900										28.0
30.0	60.1	92.6	20 000*	62.1	93.4	23 500*	65.0	94.3	24 100										30.0
32.0	57.5	91.4	18 700*	59.5	92.3	22 000*	62.5	93.3	22 500	65.4	94.1	21 200							32.0
34.0	54.8	90.0	17 400*	56.9	91.0	20 700*	60.0	92.2	21 000	63.0	93.2	19 800							34.0
36.0	52.0	88.5	16 200*	54.2	89.6	19 300*	57.4	91.0	19 700	60.4	92.1	18 500							36.0
38.0	49.1	86.8	15 100*	51.4	88.1	18 000*	54.7	89.6	18 500	57.9	90.8	17 400							38.0
40.0	46.1	85.0	14 100*	48.5	86.4	16 800*	51.9	88.1	17 400	55.2	89.5	16 300	60.3	91.1	14 600				40.0
42.0	42.9	82.9	13 200*	45.5	84.5	15 600*	49.1	86.4	16 500	52.4	88.0	15 400	57.7	89.8	13 700				42.0
44.0	39.6	80.6	12 300*	42.3	82.4	14 600*	46.0	84.6	15 500	49.6	86.4	14 500	55.0	88.5	12 900				44.0
46.0	35.9	78.0	11 500*	38.8	80.0	13 700*	42.9	82.5	14 700	46.6	84.5	13 700	52.2	87.0	12 100	57.4	88.4	10 700	46.0
48.0	31.9	75.0	10 900*	35.1	77.3	12 700*	39.5	80.2	13 900	43.4	82.5	13 000	49.4	85.3	11 500	54.7	87.1	10 100	48.0
50.0	27.4	71.4	10 300*	31.0	74.2	12 000*	35.8	77.6	13 200	40.1	80.2	12 300	46.4	83.5	10 800	51.9	85.5	9 500	50.0
52.0	22.0	66.9	9 900*	26.3	70.4	11 400*	31.8	74.5	12 600	36.5	77.7	11 700	43.2	81.4	10 300	49.0	83.9	8 900	52.0
54.0	14.8	60.8	9 300*	20.7	65.7	10 700*	27.2	70.9	11 900	32.5	74.7	11 100	39.8	79.2	9 700	46.0	82.0	8 400	54.0
56.0				12.8	58.9	9 200*	21.8	66.4	11 200	28.1	71.2	10 500	36.2	76.6	9 200	42.8	79.9	7 900	56.0
58.0							14.6	60.2	9 900*	22.9	66.9	9 900	32.2	73.6	8 700	39.4	77.6	7 500	58.0
60.0										16.1	61.1	9 300	27.8	70.0	8 200	35.8	75.0	7 100	60.0
62.0													22.5	65.7	7 700	31.7	71.9	6 700	62.0
64.0													15.5	59.7	7 300	27.2	68.3	6 300	64.0
66.0																21.8	63.8	5 800	66.0
68.0																14.5	57.6	5 500	68.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A with
Boom No. 57
99 740 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

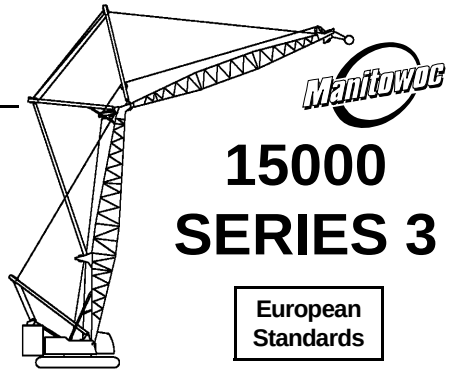
Maximum Operating Wind Speeds (all boom lengths)

13 m/s with 21.3m thru 33.5m Luffing Jib
11 m/s with 36.6m thru 42.7m Luffing Jib
9 m/s with 45.7m thru 51.8m Luffing Jib
7 m/s with 54.9m thru 67.1m Luffing Jib
5 m/s with 70.1m and 73.2m Luffing Jib



45.5m (149 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	75.1	100.8	21 800*													18.3
20.0	73.2	100.3	21 600*													20.0
22.0	71.0	99.7	21 300*	72.8	100.1	24 700*										22.0
24.0	68.8	98.9	20 900*	70.6	99.4	24 600*										24.0
26.0	66.5	98.1	20 600*	68.3	98.7	24 400*										26.0
28.0	64.2	97.2	20 100*	66.1	97.8	23 700*	68.8	98.6	23 900*							28.0
30.0	61.9	96.1	19 300*	63.8	96.8	22 400*	66.5	97.7	23 400							30.0
32.0	59.5	95.0	18 100*	61.4	95.8	21 200*	64.2	96.8	22 000	66.9	97.5	20 700				32.0
34.0	57.0	93.7	16 900*	59.0	94.6	19 900*	61.8	95.7	20 600	64.6	96.6	19 300				34.0
36.0	54.5	92.3	15 800*	56.5	93.3	18 700*	59.4	94.6	19 300	62.2	95.5	18 100				36.0
38.0	51.8	90.8	14 700*	53.9	91.9	17 600*	57.0	93.3	18 100	59.8	94.4	16 900				38.0
40.0	49.1	89.2	13 800*	51.3	90.4	16 400*	54.4	91.9	17 000	57.4	93.2	15 900	62.1	94.6	14 100	40.0
42.0	46.3	87.3	12 900*	48.5	88.7	15 300*	51.8	90.4	16 000	54.9	91.8	15 000	59.7	93.4	13 200	42.0
44.0	43.3	85.3	12 100*	45.7	86.8	14 400*	49.1	88.7	15 100	52.3	90.3	14 100	57.2	92.2	12 500	44.0
46.0	40.1	83.0	11 300*	42.7	84.7	13 500*	46.2	86.9	14 300	49.5	88.7	13 300	54.7	90.8	11 700	46.0
48.0	36.7	80.4	10 600*	39.4	82.4	12 600*	43.2	84.8	13 500	46.7	86.8	12 600	52.1	89.3	11 100	48.0
50.0	33.0	77.5	10 100*	36.0	79.7	11 900*	40.1	82.6	12 800	43.8	84.8	11 900	49.4	87.6	10 400	50.0
52.0	28.9	74.1	9 600*	32.2	76.7	11 100*	36.7	80.0	12 200	40.6	82.6	11 300	46.5	85.8	9 900	52.0
54.0	24.2	70.1	9 100*	28.0	73.2	10 500*	33.0	77.1	11 600	37.3	80.1	10 700	43.5	83.8	9 300	54.0
56.0	18.3	64.8	8 800*	23.1	69.0	10 000*	28.8	73.7	11 000	33.6	77.2	10 200	40.4	81.5	8 800	56.0
58.0				16.9	63.4	8 900*	24.1	69.6	10 400	29.6	73.9	9 600	37.0	79.0	8 400	58.0
60.0							18.2	64.3	9 500*	25.0	70.0	9 100	33.4	76.1	7 900	60.0
62.0							9.0	55.7	7 700*	19.3	65.0	8 600	29.3	72.8	7 500	62.0
64.0										11.2	57.4	8 100	24.6	68.8	7 000	64.0
66.0													18.9	63.6	6 600	66.0
68.0													10.4	55.7	6 200	68.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A with
Boom No. 57
99 740 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speeds (all boom lengths)		
13 m/s with 21.3m thru 33.5m Luffing Jib		
11 m/s with 36.6m thru 42.7m Luffing Jib		
9 m/s with 45.7m thru 51.8m Luffing Jib		
7 m/s with 54.9m thru 67.1m Luffing Jib		
5 m/s with 70.1m and 73.2m Luffing Jib		

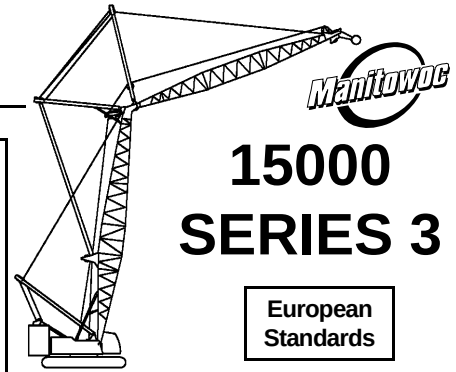
45.5m (149 Ft.) Boom, 57.9m (190 Ft.) Luffing Jib

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	75.9	104.0	19 900*													18.3
20.0	74.1	103.5	19 800*													20.0
22.0	72.1	102.9	19 600*													22.0
24.0	70.0	102.2	19 300*	71.6	102.7	22 500*										24.0
26.0	67.8	101.4	19 000*	69.5	101.9	22 300*										26.0
28.0	65.7	100.5	18 700*	67.4	101.1	22 100*	69.9	101.8	21 800*							28.0
30.0	63.5	99.6	18 400*	65.2	100.2	21 400*	67.8	101.0	21 700*							30.0
32.0	61.2	98.5	17 400*	63.0	99.3	20 200*	65.6	100.2	21 700*							32.0
34.0	59.0	97.3	16 300*	60.8	98.2	19 200*	63.4	99.2	20 300	66.0	99.9	19 000				34.0
36.0	56.6	96.1	15 300*	58.5	97.0	18 100*	61.2	98.1	19 000	63.8	99.0	17 800				36.0
38.0	54.2	94.7	14 400*	56.1	95.7	17 100*	58.9	96.9	17 800	61.6	97.9	16 700				38.0
40.0	51.7	93.1	13 500*	53.7	94.2	16 000*	56.5	95.7	16 700	59.3	96.8	15 600				40.0
42.0	49.1	91.4	12 600*	51.2	92.7	15 100*	54.1	94.3	15 800	57.0	95.5	14 700	61.4	96.9	13 000	42.0
44.0	46.4	89.6	11 900*	48.6	91.0	14 100*	51.6	92.7	14 900	54.6	94.1	13 900	59.1	95.8	12 200	44.0
46.0	43.6	87.6	11 100*	45.9	89.1	13 300*	49.1	91.0	14 000	52.1	92.6	13 100	56.8	94.5	11 500	46.0
48.0	40.6	85.3	10 500*	43.0	87.0	12 400*	46.4	89.2	13 300	49.5	91.0	12 300	54.4	93.1	10 900	48.0
50.0	37.5	82.8	9 900*	40.0	84.7	11 700*	43.5	87.2	12 600	46.8	89.2	11 700	51.9	91.6	10 200	50.0
52.0	34.1	80.0	9 300*	36.8	82.2	11 000*	40.6	84.9	12 000	44.0	87.2	11 100	49.3	89.9	9 700	52.0
54.0	30.3	76.8	8 900*	33.3	79.3	10 400*	37.4	82.4	11 400	41.1	84.9	10 500	46.7	88.1	9 100	54.0
56.0	26.0	73.0	8 500*	29.5	76.0	9 900*	34.0	79.6	10 800	38.0	82.5	9 900	43.8	86.1	8 600	56.0
58.0	21.0	68.3	8 100*	25.1	72.0	9 400*	30.2	76.3	10 300	34.6	79.7	9 500	40.9	83.9	8 100	58.0
60.0	14.4	61.9	7 400*	19.8	67.1	8 600*	25.9	72.5	9 700	30.9	76.6	9 000	37.7	81.4	7 700	60.0
62.0				12.5	60.0	7 200*	20.9	67.8	9 000	26.7	72.9	8 500	34.3	78.6	7 300	62.0
64.0							14.2	61.3	7 800*	21.8	68.3	8 000	30.6	75.4	6 900	64.0
66.0										15.5	62.3	7 500	26.4	71.7	6 500	66.0
68.0													21.5	67.1	6 100	68.0
70.0													15.0	60.9	5 700	70.0

Liftcrane Luffing Jib Capacities

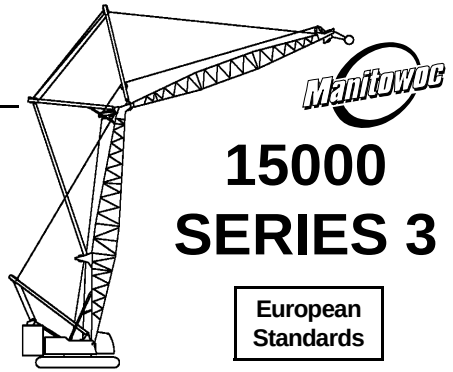
Luffing Jib No. 149A with
Boom No. 57
99 740 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speeds (all boom lengths)	
13 m/s with 21.3m thru 33.5m Luffing Jib	
11 m/s with 36.6m thru 42.7m Luffing Jib	
9 m/s with 45.7m thru 51.8m Luffing Jib	
7 m/s with 54.9m thru 67.1m Luffing Jib	
5 m/s with 70.1m and 73.2m Luffing Jib	



45.5m (149 Ft.) Boom, 61.0m (200 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
19.8	75.1	106.7	18 100*													19.8
20.0	75.0	106.7	18 100*													20.0
22.0	73.0	106.1	17 900*													22.0
24.0	71.0	105.4	17 800*	72.6	105.9	20 500*										24.0
26.0	69.0	104.7	17 500*	70.6	105.2	20 300*										26.0
28.0	67.0	103.9	17 300*	68.6	104.4	20 200*										28.0
30.0	64.9	103.0	17 000*	66.6	103.6	20 000*	69.0	104.3	19 700*							30.0
32.0	62.8	102.0	16 600*	64.5	102.7	19 200*	66.9	103.5	19 600*							32.0
34.0	60.7	100.9	15 700*	62.4	101.7	18 300*	64.9	102.6	19 400	67.3	103.2	18 500				34.0
36.0	58.5	99.7	14 800*	60.2	100.5	17 400*	62.8	101.6	18 600	65.2	102.4	17 300				36.0
38.0	56.2	98.4	14 000*	58.0	99.3	16 500*	60.6	100.5	17 400	63.1	101.4	16 200				38.0
40.0	53.9	97.0	13 100*	55.8	98.0	15 500*	58.4	99.3	16 300	61.0	100.3	15 200				40.0
42.0	51.6	95.4	12 300*	53.5	96.6	14 600*	56.2	98.0	15 300	58.8	99.1	14 300				42.0
44.0	49.1	93.7	11 600*	51.1	95.0	13 800*	53.9	96.6	14 500	56.6	97.8	13 500	60.9	99.3	11 800	44.0
46.0	46.6	91.9	10 900*	48.6	93.3	13 000*	51.5	95.0	13 700	54.3	96.4	12 700	58.7	98.1	11 100	46.0
48.0	43.9	89.9	10 300*	46.0	91.4	12 200*	49.1	93.3	12 900	51.9	94.9	12 000	56.4	96.8	10 500	48.0
50.0	41.1	87.7	9 700*	43.3	89.4	11 500*	46.5	91.5	12 200	49.5	93.3	11 300	54.1	95.4	9 800	50.0
52.0	38.1	85.2	9 200*	40.5	87.1	10 900*	43.8	89.5	11 600	47.0	91.4	10 700	51.8	93.9	9 200	52.0
54.0	34.9	82.5	8 700*	37.5	84.6	10 200*	41.0	87.3	11 000	44.3	89.5	10 100	49.3	92.2	8 700	54.0
56.0	31.5	79.4	8 200*	34.2	81.8	9 700*	38.0	84.8	10 400	41.5	87.3	9 600	46.8	90.4	8 300	56.0
58.0	27.6	75.8	7 900*	30.7	78.6	9 100*	34.9	82.1	9 900	38.6	84.9	9 100	44.1	88.4	7 800	58.0
60.0	23.2	71.5	7 600*	26.7	74.9	8 500*	31.4	79.0	9 400	35.4	82.2	8 600	41.3	86.2	7 400	60.0
62.0	17.7	66.1	6 900*	22.1	70.4	7 900*	27.5	75.4	9 000	32.0	79.2	8 200	38.4	83.8	6 900	62.0
64.0	9.4	57.5	5 600*	16.3	64.6	6 900*	23.0	71.1	8 500	28.2	75.7	7 800	35.2	81.1	6 600	64.0
66.0							17.5	65.5	7 400*	23.9	71.5	7 300	31.8	78.0	6 200	66.0
68.0							9.1	56.8	6 000*	18.6	66.2	6 900	27.9	74.5	5 900	68.0
70.0										11.1	58.5	6 500	23.6	70.2	5 500	70.0
72.0													18.2	64.9	5 200	72.0
74.0													10.4	56.8	4 800	74.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A with
Boom No. 57
99 740 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speeds (all boom lengths)	
13 m/s with 21.3m thru 33.5m Luffing Jib	
11 m/s with 36.6m thru 42.7m Luffing Jib	
9 m/s with 45.7m thru 51.8m Luffing Jib	
7 m/s with 54.9m thru 67.1m Luffing Jib	
5 m/s with 70.1m and 73.2m Luffing Jib	

45.5m (149 Ft.) Boom, 64.0m (210 Ft.) Luffing Jib

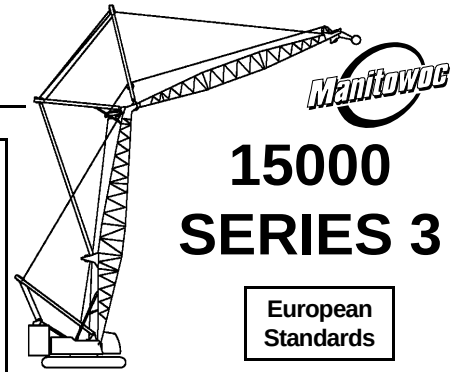
Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
19.8	75.9	109.9	16 600*										19.8
20.0	75.7	109.8	16 600*										20.0
22.0	73.8	109.3	16 400*										22.0
24.0	72.0	108.7	16 300*										24.0
26.0	70.1	108.0	16 100*	71.6	108.4	18 500*							26.0
28.0	68.1	107.2	15 900*	69.7	107.7	18 400*							28.0
30.0	66.2	106.3	15 700*	67.7	106.9	18 300*							30.0
32.0	64.2	105.4	15 400*	65.8	106.0	18 100*	68.1	106.8	17 800*				32.0
34.0	62.2	104.4	15 100*	63.8	105.1	17 500*	66.1	105.9	17 700*				34.0
36.0	60.1	103.2	14 300*	61.8	104.0	16 600*	64.2	105.0	17 600*	66.5	105.7	16 900	36.0
38.0	58.1	102.0	13 500*	59.7	102.9	15 800*	62.1	104.0	17 000	64.5	104.8	15 800	38.0
40.0	55.9	100.7	12 700*	57.6	101.7	15 000*	60.1	102.8	16 000	62.5	103.8	14 900	40.0
42.0	53.7	99.3	12 000*	55.5	100.3	14 200*	58.0	101.6	15 000	60.5	102.7	13 900	42.0
44.0	51.4	97.7	11 300*	53.2	98.9	13 500*	55.9	100.3	14 100	58.4	101.5	13 100	44.0
46.0	49.1	96.1	10 700*	51.0	97.3	12 700*	53.7	98.9	13 300	56.2	100.2	12 400	46.0
48.0	46.7	94.2	10 100*	48.6	95.6	12 000*	51.4	97.3	12 600	54.0	98.7	11 700	48.0
50.0	44.1	92.2	9 600*	46.2	93.7	11 300*	49.0	95.6	11 900	51.8	97.2	11 000	50.0
52.0	41.5	90.0	9 000*	43.6	91.7	10 700*	46.6	93.8	11 300	49.5	95.6	10 400	52.0
54.0	38.7	87.6	8 500*	40.9	89.5	10 100*	44.1	91.8	10 600	47.1	93.7	9 800	54.0
56.0	35.7	85.0	8 100*	38.1	87.0	9 500*	41.4	89.6	10 100	44.5	91.8	9 300	56.0
58.0	32.5	82.0	7 700*	35.1	84.3	8 900*	38.6	87.2	9 600	41.9	89.6	8 800	58.0
60.0	28.9	78.6	7 300*	31.8	81.2	8 400*	35.6	84.5	9 100	39.1	87.3	8 300	60.0
62.0	24.9	74.6	6 900*	28.2	77.7	7 800*	32.4	81.5	8 600	36.2	84.6	7 900	62.0
64.0	20.2	69.7	6 400*	24.0	73.5	7 300*	28.9	78.1	8 200	33.0	81.7	7 500	64.0
66.0	14.0	63.0	5 500*	19.1	68.4	6 500*	24.8	74.1	7 800*	29.5	78.3	7 100	66.0
68.0				12.3	61.1	5 400*	20.1	69.2	7 000*	25.6	74.5	6 700	68.0
70.0							13.8	62.5	5 900*	21.0	69.7	6 400	70.0
72.0										15.1	63.5	5 900	72.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A with
Boom No. 57
99 740 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speeds
(all boom lengths)

13 m/s with 21.3m thru 33.5m Luffing Jib
11 m/s with 36.6m thru 42.7m Luffing Jib
9 m/s with 45.7m thru 51.8m Luffing Jib
7 m/s with 54.9m thru 67.1m Luffing Jib
5 m/s with 70.1m and 73.2m Luffing Jib

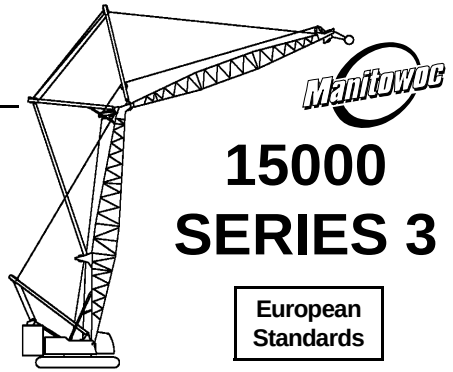


**15000
SERIES 3**

European
Standards

45.5m (149 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	112.7	15 100*										21.3
22.0	74.6	112.5	15 000*										22.0
24.0	72.8	111.9	14 900*										24.0
26.0	71.0	111.2	14 700*	72.4	111.6	17 000*							26.0
28.0	69.2	110.5	14 500*	70.6	110.9	16 800*							28.0
30.0	67.3	109.7	14 400*	68.8	110.2	16 600*							30.0
32.0	65.5	108.8	14 200*	66.9	109.4	16 500*	69.1	110.1	16 100*				32.0
34.0	63.6	107.8	14 000*	65.1	108.5	16 300*	67.3	109.3	16 100*				34.0
36.0	61.6	106.7	13 700*	63.2	107.5	15 900*	65.4	108.4	16 000*				36.0
38.0	59.7	105.6	13 000*	61.2	106.4	15 100*	63.5	107.4	15 900*	65.8	108.2	15 400	38.0
40.0	57.7	104.4	12 300*	59.3	105.2	14 400*	61.6	106.3	15 600	63.9	107.2	14 400	40.0
42.0	55.6	103.0	11 600*	57.2	104.0	13 700*	59.6	105.2	14 600	61.9	106.2	13 500	42.0
44.0	53.5	101.6	11 000*	55.2	102.6	13 000*	57.6	104.0	13 700	60.0	105.0	12 700	44.0
46.0	51.3	100.0	10 400*	53.1	101.2	12 400*	55.6	102.6	13 000	58.0	103.8	12 000	46.0
48.0	49.1	98.3	9 800*	50.9	99.6	11 700*	53.4	101.2	12 200	55.9	102.5	11 300	48.0
50.0	46.8	96.5	9 300*	48.6	97.9	11 100*	51.3	99.6	11 500	53.8	101.1	10 600	50.0
52.0	44.4	94.6	8 800*	46.3	96.0	10 500*	49.0	97.9	10 900	51.7	99.5	10 000	52.0
54.0	41.9	92.4	8 400*	43.9	94.0	9 900*	46.7	96.1	10 300	49.4	97.9	9 400	54.0
56.0	39.2	90.0	7 900*	41.3	91.8	9 200*	44.3	94.1	9 800	47.1	96.1	8 900	56.0
58.0	36.4	87.4	7 500*	38.6	89.4	8 600*	41.8	92.0	9 200	44.7	94.1	8 400	58.0
60.0	33.4	84.5	7 100*	35.8	86.7	8 100*	39.2	89.6	8 800	42.3	92.0	7 900	60.0
62.0	30.1	81.2	6 600*	32.7	83.7	7 600*	36.3	87.0	8 300	39.6	89.6	7 500	62.0
64.0	26.5	77.5	6 200*	29.4	80.4	7 100*	33.3	84.1	7 900	36.8	87.1	7 100	64.0
66.0	22.3	73.0	5 700*	25.7	76.5	6 600*	30.0	80.8	7 500	33.9	84.2	6 800	66.0
68.0	17.1	67.3	5 200*	21.3	71.8	6 000*	26.4	77.0	7 000*	30.6	81.0	6 400	68.0
70.0	9.5	58.6	4 000*	15.8	65.7	5 100*	22.2	72.5	6 300*	27.1	77.3	6 000	70.0
72.0							17.0	66.8	5 600*	23.0	73.0	5 700	72.0
74.0							9.2	57.9	4 400*	18.0	67.5	5 400	74.0
76.0										11.0	59.6	4 900	76.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A with
Boom No. 57
99 740 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speeds (all boom lengths)		
13 m/s with 21.3m thru 33.5m Luffing Jib		
11 m/s with 36.6m thru 42.7m Luffing Jib		
9 m/s with 45.7m thru 51.8m Luffing Jib		
7 m/s with 54.9m thru 67.1m Luffing Jib		
5 m/s with 70.1m and 73.2m Luffing Jib		

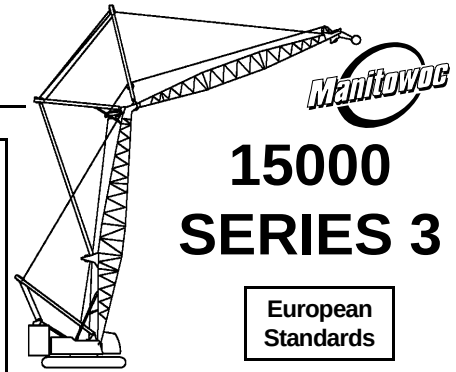
45.5m (149 Ft.) Boom, 70.1m (230 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib 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	115.8	14 000*							21.3
22.0	75.3	115.6	14 000*							22.0
24.0	73.6	115.1	13 800*							24.0
26.0	71.9	114.4	13 700*	73.2	114.8	15 800*				26.0
28.0	70.1	113.7	13 500*	71.5	114.2	15 700*				28.0
30.0	68.4	112.9	13 400*	69.8	113.5	15 600*				30.0
32.0	66.6	112.1	13 200*	68.0	112.7	15 400*	70.1	113.3	15 200*	32.0
34.0	64.8	111.2	13 000*	66.2	111.8	15 200*	68.3	112.6	15 100*	34.0
36.0	63.0	110.2	12 800*	64.4	110.9	14 900*	66.6	111.7	15 000*	36.0
38.0	61.1	109.1	12 300*	62.6	109.9	14 300*	64.8	110.8	15 000*	38.0
40.0	59.2	108.0	11 700*	60.7	108.8	13 600*	62.9	109.8	14 800	40.0
42.0	57.3	106.7	11 100*	58.8	107.6	13 000*	61.1	108.7	14 400	42.0
44.0	55.3	105.4	10 500*	56.9	106.3	12 400*	59.2	107.6	13 500	44.0
46.0	53.3	103.9	10 000*	54.9	105.0	11 800*	57.3	106.3	12 700	46.0
48.0	51.2	102.3	9 500*	52.9	103.5	11 200*	55.3	105.0	11 900	48.0
50.0	49.1	100.7	9 000*	50.8	101.9	10 600*	53.3	103.5	11 200	50.0
52.0	46.9	98.8	8 500*	48.6	100.2	10 100*	51.2	101.9	10 600	52.0
54.0	44.6	96.9	8 100*	46.4	98.3	9 600*	49.0	100.2	10 100	54.0
56.0	42.2	94.7	7 700*	44.1	96.3	9 100*	46.8	98.4	9 500	56.0
58.0	39.7	92.4	7 300*	41.7	94.2	8 500*	44.5	96.4	9 000	58.0
60.0	37.0	89.8	6 900*	39.1	91.8	7 900*	42.1	94.3	8 500	60.0
62.0	34.2	87.0	6 500*	36.5	89.2	7 400*	39.6	92.0	8 100	62.0
64.0	31.1	83.8	6 000*	33.6	86.3	6 900*	37.0	89.4	7 600	64.0
66.0	27.8	80.3	5 600*	30.5	83.0	6 400*	34.1	86.6	7 200	66.0
68.0	24.0	76.1	5 200*	27.0	79.3	6 000*	31.1	83.4	6 800	68.0
70.0	19.5	71.0	4 800*	23.1	75.0	5 600*	27.7	79.8	6 400*	70.0
72.0	13.7	64.2	3 900*	18.5	69.7	4 800*	23.9	75.6	5 900*	72.0
74.0				12.1	62.2	3 800*	19.4	70.5	5 200*	74.0
76.0							13.5	63.6	4 300*	76.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A with
Boom No. 57
99 740 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speeds (all boom lengths)		
13 m/s with 21.3m thru 33.5m Luffing Jib		
11 m/s with 36.6m thru 42.7m Luffing Jib		
9 m/s with 45.7m thru 51.8m Luffing Jib		
7 m/s with 54.9m thru 67.1m Luffing Jib		
5 m/s with 70.1m and 73.2m Luffing Jib		



45.5m (149 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	75.2	118.6	12 700*							22.9
24.0	74.3	118.2	12 600*							24.0
26.0	72.6	117.6	12 500*							26.0
28.0	71.0	117.0	12 300*	72.3	117.4	14 300*				28.0
30.0	69.3	116.2	12 200*	70.6	116.7	14 200*				30.0
32.0	67.6	115.4	12 100*	69.0	116.0	14 000*	70.9	116.6	13 800*	32.0
34.0	65.9	114.6	11 900*	67.3	115.1	13 900*	69.3	115.8	13 700*	34.0
36.0	64.2	113.6	11 800*	65.6	114.3	13 800*	67.6	115.0	13 600*	36.0
38.0	62.4	112.6	11 600*	63.8	113.3	13 500*	65.9	114.2	13 500*	38.0
40.0	60.6	111.5	11 200*	62.1	112.3	13 000*	64.1	113.2	13 400*	40.0
42.0	58.8	110.3	10 700*	60.3	111.2	12 400*	62.4	112.2	13 300*	42.0
44.0	57.0	109.0	10 200*	58.4	109.9	11 900*	60.6	111.1	13 000	44.0
46.0	55.1	107.7	9 600*	56.6	108.7	11 400*	58.8	109.9	12 300	46.0
48.0	53.1	106.2	9 200*	54.7	107.3	10 800*	56.9	108.6	11 600	48.0
50.0	51.1	104.6	8 700*	52.7	105.8	10 300*	55.0	107.3	10 900	50.0
52.0	49.1	102.9	8 300*	50.7	104.2	9 800*	53.1	105.8	10 300	52.0
54.0	47.0	101.1	7 800*	48.7	102.5	9 300*	51.1	104.2	9 700	54.0
56.0	44.8	99.2	7 500*	46.5	100.6	8 800*	49.0	102.5	9 200	56.0
58.0	42.5	97.1	7 100*	44.3	98.6	8 200*	46.9	100.7	8 600	58.0
60.0	40.1	94.7	6 700*	42.0	96.5	7 600*	44.7	98.8	8 200	60.0
62.0	37.6	92.2	6 200*	39.6	94.1	7 100*	42.4	96.6	7 700	62.0
64.0	34.9	89.5	5 800*	37.1	91.6	6 600*	40.0	94.3	7 300	64.0
66.0	32.1	86.4	5 300*	34.3	88.8	6 200*	37.5	91.8	6 900	66.0
68.0	28.9	83.0	4 900*	31.4	85.6	5 700*	34.9	89.1	6 500	68.0
70.0	25.5	79.1	4 500*	28.3	82.1	5 400*	32.0	86.0	6 100*	70.0
72.0	21.5	74.4	4 200*	24.7	78.0	5 000*	28.9	82.5	5 700*	72.0
74.0	16.6	68.5	3 600*	20.6	73.2	4 400*	25.4	78.6	5 300*	74.0
76.0	9.6	59.7	2 600*	15.4	66.9	3 600*	21.4	73.9	4 800*	76.0
78.0							16.5	68.0	4 000*	78.0
80.0							9.3	59.0	3 000*	80.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A with
Boom No. 57
99 740 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

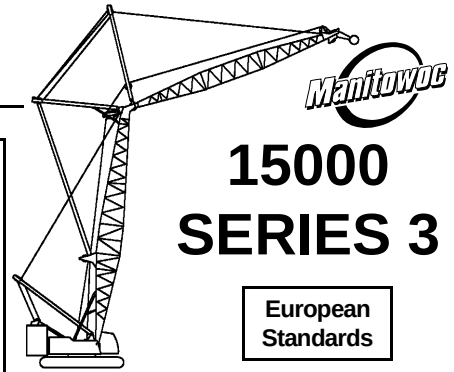
Maximum Operating Wind Speeds (all boom lengths)		
13 m/s with 21.3m thru 33.5m Luffing Jib		
11 m/s with 36.6m thru 42.7m Luffing Jib		
9 m/s with 45.7m thru 51.8m Luffing Jib		
7 m/s with 54.9m thru 67.1m Luffing Jib		
5 m/s with 70.1m and 73.2m Luffing Jib		

48.5m (159 Ft.) Boom, 21.3m (70 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
13.7	63.7	69.9	54 100*b																			13.7
14.0	62.8	69.7	53 800*b																			14.0
16.0	56.5	68.5	51 600*b	61.9	69.4	55 400b																16.0
18.0	49.7	66.9	47 300*	55.5	68.2	49 500b																18.0
20.0	42.1	64.9	41 400*	48.6	66.6	44 700*	57.2	68.3	42 600b	65.0	69.3	40 600b										20.0
22.0	33.1	62.2	36 900*	40.8	64.5	39 800*	50.5	66.7	38 900	58.8	68.2	36 900b										22.0
24.0	20.7	58.1	32 400*	31.4	61.6	35 800*	43.0	64.8	35 700	52.2	66.7	33 900										24.0
26.0							34.1	62.2	32 900	44.9	64.9	31 200	59.2	67.3	28 600b							26.0
28.0							22.3	58.3	30 600	36.5	62.5	29 000	52.6	65.9	26 500b							28.0
30.0										25.8	59.1	27 000	45.4	64.1	24 600							30.0
32.0													37.1	61.7	23 000	52.7	64.6	20 900				32.0
34.0													26.6	58.3	21 400	45.5	62.7	19 500				34.0
36.0																37.2	60.4	18 200				36.0
38.0																26.7	57.0	16 800	45.0	61.0	15 300	38.0
40.0																			36.6	58.6	14 200	40.0
42.0																			25.9	55.1	13 200	42.0

48.5m (159 Ft.) Boom, 24.4m (80 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
13.7	67.2	73.2	49 800*b																			13.7
14.0	66.5	73.1	49 500*b																			14.0
16.0	61.2	72.1	47 500*b	65.7	72.9	54 300b																16.0
18.0	55.6	70.8	45 000*	60.3	71.8	48 600b																18.0
20.0	49.6	69.2	40 700*	54.7	70.5	43 900	61.8	71.8	41 800b													20.0
22.0	43.0	67.3	36 500*	48.6	68.8	39 600*	56.2	70.6	38 100	63.1	71.7	36 200b										22.0
24.0	35.4	64.7	33 000*	41.9	66.8	35 600*	50.3	69.0	34 900	57.7	70.5	33 100										24.0
26.0	25.9	61.2	29 800*	34.1	64.2	32 200*	43.8	67.1	32 300	51.8	69.1	30 500										26.0
28.0				24.2	60.4	29 400*	36.3	64.7	29 900	45.5	67.2	28 300	58.0	69.6	25 800							28.0
30.0							27.1	61.3	27 900	38.3	64.9	26 400	52.2	68.2	24 000							30.0
32.0							12.6	55.5	26 300	29.7	61.9	24 700	45.9	66.4	22 400							32.0
34.0													38.8	64.1	21 000	52.2	66.9	18 900				34.0
36.0													30.3	61.1	19 600	45.9	65.1	17 700				36.0
38.0													18.4	56.5	18 300	38.8	62.8	16 600				38.0
40.0																30.3	59.8	15 400	45.5	63.3	13 900	40.0
42.0																18.5	55.2	14 400	38.4	61.0	12 900	42.0
44.0																			29.8	57.9	12 100	44.0



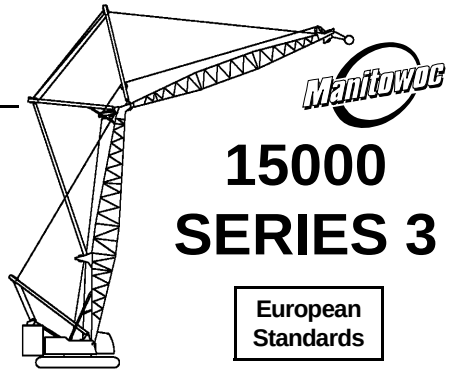
Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A with
Boom No. 57
99 740 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speeds (all boom lengths)		
13 m/s with 21.3m thru 33.5m Luffing Jib		
11 m/s with 36.6m thru 42.7m Luffing Jib		
9 m/s with 45.7m thru 51.8m Luffing Jib		
7 m/s with 54.9m thru 67.1m Luffing Jib		
5 m/s with 70.1m and 73.2m Luffing Jib		

48.5m (159 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	76.6	45 900*b																			13.7
14.0	69.2	76.4	45 600*b																			14.0
16.0	64.7	75.6	43 900*b	68.5	76.2	52 600b																16.0
18.0	59.9	74.5	42 300*	63.9	75.3	47 900b																18.0
20.0	54.9	73.1	39 100*	59.1	74.2	43 200	65.2	75.3	41 100b													20.0
22.0	49.5	71.5	35 300*	54.1	72.8	39 300	60.4	74.2	37 500	66.3	75.1	35 600b										22.0
24.0	43.7	69.6	31 900*	48.7	71.2	35 400*	55.4	72.9	34 300	61.6	74.1	32 600										24.0
26.0	37.2	67.2	29 000*	42.8	69.2	32 100*	50.1	71.3	31 700	56.7	72.8	30 000										26.0
28.0	29.4	64.0	26 700*	36.1	66.6	29 300*	44.4	69.4	29 400	51.5	71.3	27 800										28.0
30.0	18.8	59.4	24 600*	28.0	63.3	26 900*	37.9	67.1	27 400	45.9	69.5	25 900	57.0	71.9	23 500							30.0
32.0				16.5	58.2	24 800*	30.3	64.0	25 600	39.6	67.3	24 200	51.8	70.5	22 000							32.0
34.0							20.2	59.6	24 100	32.4	64.5	22 700	46.2	68.7	20 500							34.0
36.0										23.1	60.5	21 300	40.0	66.5	19 300	51.9	69.2	17 400				36.0
38.0													32.8	63.7	18 100	46.3	67.4	16 300				38.0
40.0													23.8	59.8	16 900	40.1	65.2	15 300	51.6	67.4	13 700	40.0
42.0																32.9	62.4	14 300	45.9	65.6	12 800	42.0
44.0																23.9	58.6	13 300	39.7	63.4	11 900	44.0
46.0																			32.5	60.5	11 100	46.0
48.0																			23.3	56.6	10 400	48.0



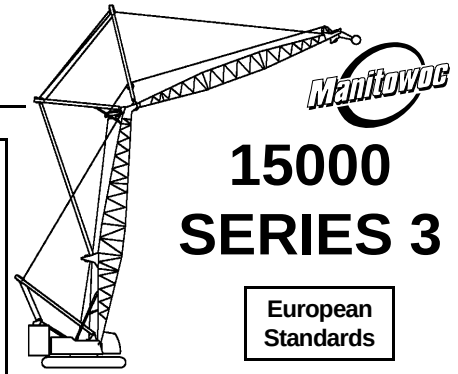
Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A with
Boom No. 57
99 740 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speeds (all boom lengths)	
13 m/s with 21.3m thru 33.5m Luffing Jib	
11 m/s with 36.6m thru 42.7m Luffing Jib	
9 m/s with 45.7m thru 51.8m Luffing Jib	
7 m/s with 54.9m thru 67.1m Luffing Jib	
5 m/s with 70.1m and 73.2m Luffing Jib	

48.5m (159 Ft.) Boom, 30.5m (100 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
13.7	72.0	79.8	42 300*b																			13.7
14.0	71.4	79.7	42 100*b																			14.0
16.0	67.4	78.9	40 600*b	70.8	79.5	49 300*b																16.0
18.0	63.2	77.9	39 100*	66.7	78.7	46 800																18.0
20.0	58.9	76.8	37 500*	62.5	77.7	42 400	67.8	78.6	40 300b													20.0
22.0	54.3	75.4	33 900*	58.2	76.5	38 700	63.6	77.7	36 700													22.0
24.0	49.5	73.8	30 800*	53.6	75.1	35 100	59.3	76.6	33 600	64.7	77.5	31 900										24.0
26.0	44.3	71.9	28 000*	48.7	73.5	31 800*	54.8	75.2	31 000	60.4	76.4	29 400										26.0
28.0	38.5	69.6	25 500*	43.4	71.5	29 000*	50.0	73.6	28 800	56.0	75.2	27 200										28.0
30.0	31.9	66.7	23 500*	37.5	69.1	26 600*	44.9	71.7	26 800	51.3	73.7	25 300	60.7	75.5	23 000							30.0
32.0	23.6	62.7	22 000*	30.7	66.0	24 500*	39.2	69.5	25 000	46.2	71.8	23 600	56.3	74.3	21 400							32.0
34.0				22.0	61.9	22 600*	32.6	66.6	23 500	40.7	69.7	22 200	51.6	72.8	20 000							34.0
36.0							24.6	62.8	22 100	34.4	67.0	20 800	46.5	71.0	18 700							36.0
38.0							12.1	56.5	20 700	26.8	63.5	19 600	41.0	68.8	17 600	51.6	71.5	15 800				38.0
40.0													34.8	66.2	16 600	46.6	69.7	14 800				40.0
42.0													27.3	62.8	15 600	41.1	67.5	13 900				42.0
44.0													17.0	57.7	14 500	34.8	64.9	13 100	46.3	67.9	11 600	44.0
46.0																27.4	61.5	12 200	40.7	65.7	10 800	46.0
48.0																17.1	56.4	11 400	34.4	63.1	10 100	48.0
50.0																			26.9	59.6	9 500	50.0



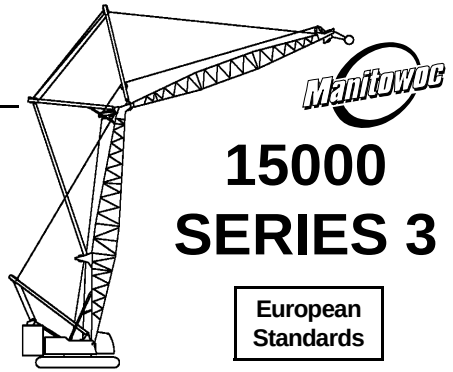
Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A with
Boom No. 57
99 740 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speeds (all boom lengths)		
13 m/s with 21.3m thru 33.5m Luffing Jib		
11 m/s with 36.6m thru 42.7m Luffing Jib		
9 m/s with 45.7m thru 51.8m Luffing Jib		
7 m/s with 54.9m thru 67.1m Luffing Jib		
5 m/s with 70.1m and 73.2m Luffing Jib		

48.5m (159 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	73.7	83.0	38 900*(b)																			13.7
14.0	73.1	82.9	38 700*(b)																			14.0
16.0	69.5	82.2	37 500*(b)	72.6	82.7	45 200*(b)																16.0
18.0	65.8	81.3	36 300*	69.0	82.0	44 500*																18.0
20.0	62.0	80.3	35 100*	65.2	81.1	41 900	69.9	81.9	39 800(b)													20.0
22.0	58.0	79.2	32 800*	61.4	80.1	38 200	66.2	81.1	36 200													22.0
24.0	53.8	77.8	29 800*	57.4	78.8	34 900	62.4	80.1	33 200													24.0
26.0	49.4	76.1	27 200*	53.2	77.4	31 700*	58.4	78.9	30 600	63.4	79.9	29 000										26.0
28.0	44.7	74.2	24 800*	48.7	75.8	29 000*	54.3	77.5	28 400	59.5	78.8	26 900										28.0
30.0	39.6	72.0	22 700*	44.0	73.8	26 500*	49.9	75.9	26 500	55.4	77.5	25 000										30.0
32.0	33.7	69.2	21 000*	38.7	71.5	24 400*	45.2	74.1	24 700	51.1	75.9	23 300	59.7	77.9	21 100							32.0
34.0	26.8	65.7	19 600*	32.8	68.6	22 600*	40.1	71.8	23 200	46.5	74.2	21 800	55.6	76.6	19 700							34.0
36.0	17.5	60.6	18 600*	25.6	64.9	21 000*	34.4	69.2	21 800	41.5	72.0	20 500	51.3	75.1	18 500							36.0
38.0				15.5	59.4	19 100*	27.6	65.7	20 600	35.9	69.5	19 300	46.7	73.3	17 400							38.0
40.0							18.7	60.9	19 300	29.5	66.3	18 300	41.8	71.2	16 400	51.4	73.8	14 600				40.0
42.0										21.3	61.9	17 100	36.3	68.7	15 400	46.8	72.0	13 800				42.0
44.0													29.9	65.5	14 500	41.8	69.9	13 000				44.0
46.0													21.9	61.3	13 600	36.3	67.4	12 200	46.5	70.2	10 700	46.0
48.0																30.0	64.2	11 400	41.5	68.1	10 100	48.0
50.0																22.0	60.0	10 700	36.0	65.5	9 400	50.0
52.0																			29.6	62.3	8 800	52.0
54.0																			21.4	58.0	8 300	54.0



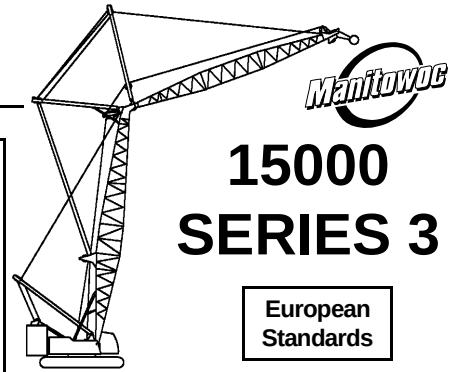
Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A with
Boom No. 57
99 740 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speeds (all boom lengths)	
13 m/s with 21.3m thru 33.5m Luffing Jib	
11 m/s with 36.6m thru 42.7m Luffing Jib	
9 m/s with 45.7m thru 51.8m Luffing Jib	
7 m/s with 54.9m thru 67.1m Luffing Jib	
5 m/s with 70.1m and 73.2m Luffing Jib	

48.5m (159 Ft.) Boom, 36.6m (120 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
13.7	75.1	86.2	35 700*b																			13.7
14.0	74.6	86.1	35 600*b																			14.0
16.0	71.3	85.4	34 600*b																			16.0
18.0	67.9	84.7	33 600*	70.8	85.2	40 800*																18.0
20.0	64.5	83.8	32 700*	67.4	84.4	39 700*																20.0
22.0	61.0	82.7	31 500*	64.0	83.5	37 000*	68.3	84.4	35 500													22.0
24.0	57.3	81.5	29 000*	60.4	82.4	34 200*	64.9	83.5	32 600													24.0
26.0	53.5	80.1	26 500*	56.7	81.2	31 500*	61.3	82.4	30 100	65.8	83.3	28 400										26.0
28.0	49.4	78.4	24 200*	52.8	79.7	28 700*	57.7	81.2	27 800	62.3	82.3	26 300										28.0
30.0	45.1	76.6	22 300*	48.8	78.1	26 300*	53.9	79.8	25 900	58.6	81.2	24 400										30.0
32.0	40.4	74.3	20 500*	44.4	76.1	24 200*	49.9	78.2	24 200	54.9	79.8	22 800	62.5	81.4	20 500							32.0
34.0	35.2	71.7	18 900*	39.7	73.9	22 400*	45.6	76.4	22 600	50.9	78.3	21 300	58.8	80.2	19 200							34.0
36.0	29.3	68.5	17 700*	34.4	71.1	20 600*	40.9	74.2	21 300	46.7	76.5	20 000	55.1	78.9	18 000							36.0
38.0	21.8	64.2	16 700*	28.2	67.8	19 200*	35.8	71.6	20 100	42.2	74.4	18 800	51.1	77.4	16 900							38.0
40.0				20.4	63.2	18 000*	30.0	68.5	19 000	37.2	71.9	17 800	46.9	75.6	15 900	55.1	77.6	14 100				40.0
42.0							22.7	64.3	17 900	31.5	68.9	16 800	42.4	73.5	15 000	51.2	76.1	13 300				42.0
44.0							11.8	57.6	16 400	24.8	65.1	15 800	37.5	71.1	14 200	47.0	74.3	12 500				44.0
46.0													31.9	68.1	13 400	42.5	72.2	11 800	50.9	74.3	10 300	46.0
48.0													25.2	64.4	12 500	37.5	69.8	11 200	46.7	72.5	9 700	48.0
50.0													16.0	58.9	11 800	31.9	66.8	10 400	42.2	70.4	9 200	50.0
52.0																25.3	63.1	9 800	37.2	68.0	8 600	52.0
54.0																16.1	57.6	9 200	31.6	65.0	8 000	54.0
56.0																			24.8	61.2	7 500	56.0



Liftcrane Luffing Jib Capacities

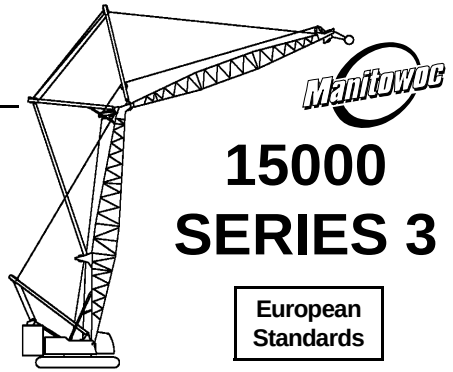
Luffing Jib No. 149A with
Boom No. 57
99 740 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speeds
(all boom lengths)

13 m/s with 21.3m thru 33.5m Luffing Jib
11 m/s with 36.6m thru 42.7m Luffing Jib
9 m/s with 45.7m thru 51.8m Luffing Jib
7 m/s with 54.9m thru 67.1m Luffing Jib
5 m/s with 70.1m and 73.2m Luffing Jib

48.5m (159 Ft.) Boom, 39.6m (130 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
15.2	73.9	88.9	32 300*																			15.2
16.0	72.8	88.7	32 200*																			16.0
18.0	69.7	88.0	31 500*																			18.0
20.0	66.6	87.1	30 300*	69.2	87.7	37 000*																20.0
22.0	63.4	86.2	29 600*	66.1	86.9	35 200*																22.0
24.0	60.1	85.1	28 000*	62.9	85.9	32 700*	66.9	86.8	32 000													24.0
26.0	56.7	83.8	25 700*	59.6	84.8	30 400*	63.7	85.9	29 500	67.7	86.6	27 800										26.0
28.0	53.1	82.4	23 600*	56.1	83.5	28 100*	60.4	84.8	27 300	64.6	85.7	25 800										28.0
30.0	49.4	80.7	21 700*	52.5	82.0	25 900*	57.0	83.6	25 400	61.3	84.7	24 000										30.0
32.0	45.4	78.9	20 000*	48.8	80.4	23 800*	53.5	82.2	23 700	57.9	83.5	22 400										32.0
34.0	41.1	76.7	18 500*	44.8	78.4	21 900*	49.8	80.5	22 200	54.4	82.1	20 900	61.5	83.8	18 800							34.0
36.0	36.5	74.2	17 100*	40.4	76.2	20 300*	45.8	78.7	20 900	50.7	80.6	19 600	58.1	82.6	17 600							36.0
38.0	31.2	71.1	16 000*	35.7	73.6	18 700*	41.6	76.6	19 700	46.9	78.8	18 500	54.6	81.2	16 500							38.0
40.0	24.9	67.3	15 100*	30.3	70.5	17 500*	37.0	74.1	18 600	42.7	76.7	17 400	51.0	79.7	15 500							40.0
42.0	16.5	61.8	14 400*	23.8	66.4	16 400*	31.8	71.1	17 600	38.2	74.3	16 400	47.1	77.9	14 600	54.7	79.9	12 900				42.0
44.0				14.8	60.6	15 000*	25.7	67.3	16 600	33.2	71.5	15 600	43.0	75.9	13 800	51.0	78.4	12 200				44.0
46.0							17.6	62.2	15 600	27.3	68.0	14 800	38.5	73.5	13 100	47.1	76.6	11 500				46.0
48.0										20.0	63.3	13 800	33.5	70.7	12 400	43.0	74.6	10 900	50.8	76.6	9 400	48.0
50.0													27.7	67.2	11 600	38.5	72.2	10 200	46.9	74.8	8 900	50.0
52.0													20.5	62.6	10 900	33.5	69.4	9 600	42.8	72.8	8 300	52.0
54.0																27.8	65.9	9 100	38.3	70.4	7 800	54.0
56.0																20.5	61.3	8 500	33.2	67.5	7 300	56.0
58.0																			27.4	64.0	6 900	58.0
60.0																			20.0	59.4	6 400	60.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A with
Boom No. 57
99 740 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speeds (all boom lengths)	
13 m/s with 21.3m thru 33.5m Luffing Jib	
11 m/s with 36.6m thru 42.7m Luffing Jib	
9 m/s with 45.7m thru 51.8m Luffing Jib	
7 m/s with 54.9m thru 67.1m Luffing Jib	
5 m/s with 70.1m and 73.2m Luffing Jib	

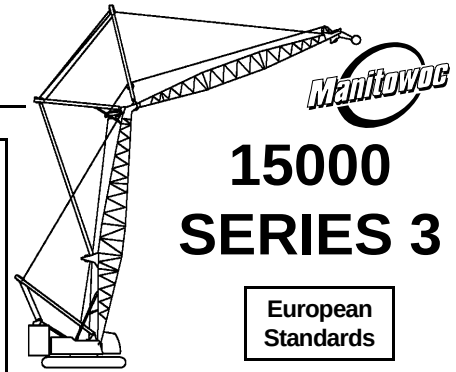
48.5m (159 Ft.) Boom, 42.7m (140 Ft.) Luffing Jib

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	75.1	92.1	29 800*																15.2
16.0	74.1	91.8	29 600*																16.0
18.0	71.2	91.2	28 900*																18.0
20.0	68.4	90.4	28 100*	70.8	91.0	34 000*													20.0
22.0	65.4	89.6	27 400*	67.9	90.2	33 300*													22.0
24.0	62.4	88.6	26 600*	65.0	89.3	31 200*	68.7	90.1	31 400										24.0
26.0	59.3	87.4	24 800*	62.0	88.3	29 200*	65.8	89.3	28 900										26.0
28.0	56.1	86.1	22 900*	58.9	87.1	27 100*	62.8	88.3	26 800	66.5	89.1	25 200							28.0
30.0	52.8	84.7	21 100*	55.6	85.8	25 100*	59.7	87.2	24 900	63.5	88.1	23 400							30.0
32.0	49.3	83.0	19 500*	52.3	84.3	23 200*	56.5	85.9	23 200	60.5	87.1	21 800							32.0
34.0	45.7	81.2	18 000*	48.8	82.7	21 500*	53.2	84.5	21 700	57.3	85.8	20 400							34.0
36.0	41.7	79.1	16 700*	45.1	80.7	19 800*	49.7	82.8	20 400	54.0	84.4	19 100	60.6	86.2	17 100				36.0
38.0	37.5	76.6	15 600*	41.1	78.6	18 400*	46.1	81.0	19 200	50.6	82.9	18 000	57.5	84.9	16 000				38.0
40.0	32.8	73.7	14 500*	36.8	76.1	17 100*	42.2	78.9	18 100	47.0	81.1	16 900	54.2	83.5	15 100				40.0
42.0	27.3	70.2	13 700*	32.0	73.1	15 900*	38.0	76.5	17 100	43.2	79.0	16 000	50.8	82.0	14 100				42.0
44.0	20.5	65.5	13 100*	26.4	69.4	15 000*	33.3	73.6	16 200	39.1	76.7	15 100	47.2	80.2	13 400	54.3	82.2	11 700	44.0
46.0				19.3	64.5	14 100*	27.9	70.2	15 400	34.5	74.0	14 300	43.4	78.2	12 600	50.9	80.7	11 000	46.0
48.0							21.4	65.7	14 500	29.4	70.7	13 600	39.3	75.9	11 900	47.3	78.9	10 400	48.0
50.0							11.6	58.7	13 000	23.2	66.6	12 800	34.8	73.2	11 300	43.5	76.9	9 800	50.0
52.0													29.7	69.9	10 700	39.4	74.6	9 300	52.0
54.0													23.6	65.9	10 000	34.9	71.9	8 800	54.0
56.0													15.3	60.0	9 500	29.7	68.7	8 200	56.0
58.0																23.7	64.6	7 700	58.0
60.0																15.4	58.8	7 300	60.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A with
Boom No. 57
99 740 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speeds (all boom lengths)	
13 m/s with 21.3m thru 33.5m Luffing Jib	
11 m/s with 36.6m thru 42.7m Luffing Jib	
9 m/s with 45.7m thru 51.8m Luffing Jib	
7 m/s with 54.9m thru 67.1m Luffing Jib	
5 m/s with 70.1m and 73.2m Luffing Jib	



48.5m (159 Ft.) Boom, 45.7m (150 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
16.8	74.2	94.8	27 000*																16.8
18.0	72.5	94.4	26 700*																18.0
20.0	69.9	93.7	26 100*	72.1	94.2	31 200*													20.0
22.0	67.2	92.9	25 600*	69.5	93.5	30 900*													22.0
24.0	64.4	92.0	25 100*	66.8	92.7	29 700*													24.0
26.0	61.6	90.9	23 900*	64.0	91.7	27 900*	67.5	92.6	28 500										26.0
28.0	58.7	89.8	22 200*	61.1	90.7	26 100*	64.7	91.7	26 400										28.0
30.0	55.7	88.5	20 500*	58.2	89.5	24 300*	61.9	90.7	24 500	65.4	91.5	23 100							30.0
32.0	52.6	87.0	19 000*	55.2	88.1	22 600*	59.0	89.5	22 900	62.6	90.5	21 500							32.0
34.0	49.3	85.3	17 600*	52.1	86.6	21 000*	56.0	88.2	21 400	59.7	89.4	20 100							34.0
36.0	45.9	83.5	16 400*	48.8	85.0	19 500*	52.9	86.8	20 100	56.8	88.2	18 900							36.0
38.0	42.3	81.4	15 200*	45.4	83.1	18 100*	49.7	85.1	18 900	53.7	86.7	17 700	59.9	88.5	15 800				38.0
40.0	38.4	79.0	14 200*	41.7	80.9	16 800*	46.3	83.3	17 900	50.5	85.2	16 700	57.0	87.3	14 800				40.0
42.0	34.1	76.2	13 300*	37.7	78.5	15 700*	42.7	81.2	16 900	47.2	83.4	15 700	53.9	85.9	13 900				42.0
44.0	29.2	72.9	12 500*	33.3	75.6	14 600*	38.8	78.9	16 000	43.6	81.4	14 900	50.7	84.3	13 100				44.0
46.0	23.5	68.8	11 900*	28.4	72.2	13 700*	34.5	76.1	15 100	39.8	79.1	14 100	47.4	82.5	12 400	53.9	84.5	10 800	46.0
48.0	15.8	63.0	11 500*	22.4	67.9	13 000*	29.8	72.9	14 400	35.7	76.4	13 300	43.8	80.5	11 700	50.7	83.0	10 200	48.0
50.0				14.3	61.7	11 900*	24.1	68.9	13 600	31.0	73.4	12 700	40.0	78.3	11 100	47.4	81.2	9 600	50.0
52.0							16.8	63.4	12 700	25.7	69.6	12 000	35.9	75.7	10 600	43.9	79.2	9 100	52.0
54.0										18.9	64.6	11 300	31.3	72.6	10 000	40.1	76.9	8 600	54.0
56.0													26.0	68.8	9 400	35.9	74.3	8 100	56.0
58.0													19.4	64.0	8 900	31.4	71.3	7 700	58.0
60.0																26.1	67.6	7 200	60.0
62.0																19.4	62.7	6 800	62.0
64.0																8.8	54.4	6 300	64.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A with
Boom No. 57
99 740 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speeds (all boom lengths)	
13 m/s with 21.3m thru 33.5m Luffing Jib	
11 m/s with 36.6m thru 42.7m Luffing Jib	
9 m/s with 45.7m thru 51.8m Luffing Jib	
7 m/s with 54.9m thru 67.1m Luffing Jib	
5 m/s with 70.1m and 73.2m Luffing Jib	

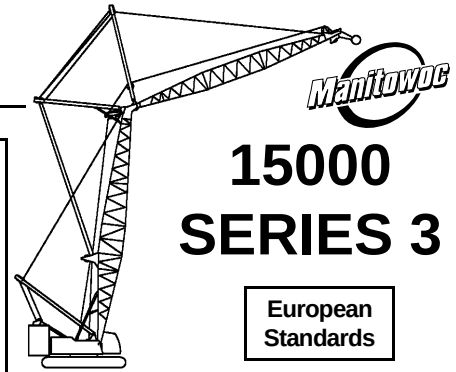
48.5m (159 Ft.) Boom, 48.8m (160 Ft.) Luffing Jib

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	75.2	98.0	24 900*																16.8
18.0	73.7	97.6	24 600*																18.0
20.0	71.2	97.0	24 100*	73.3	97.4	28 500*													20.0
22.0	68.7	96.2	23 900*	70.8	96.7	28 300*													22.0
24.0	66.1	95.4	23 300*	68.3	96.0	27 900*													24.0
26.0	63.5	94.4	22 700*	65.7	95.1	26 500*	68.9	95.9	27 700										26.0
28.0	60.9	93.3	21 400*	63.1	94.1	25 000*	66.4	95.1	25 900										28.0
30.0	58.1	92.1	19 900*	60.4	93.0	23 400*	63.8	94.1	24 000										30.0
32.0	55.3	90.8	18 500*	57.7	91.8	21 900*	61.1	93.1	22 400	64.5	94.0	21 000							32.0
34.0	52.4	89.3	17 200*	54.8	90.4	20 400*	58.4	91.9	20 900	61.8	92.9	19 600							34.0
36.0	49.3	87.6	16 000*	51.9	88.9	19 000*	55.6	90.6	19 700	59.1	91.8	18 400							36.0
38.0	46.1	85.8	14 900*	48.8	87.3	17 700*	52.7	89.1	18 500	56.3	90.5	17 200							38.0
40.0	42.7	83.7	13 900*	45.6	85.4	16 500*	49.6	87.4	17 400	53.4	89.1	16 200	59.3	90.9	14 300				40.0
42.0	39.1	81.4	13 000*	42.2	83.3	15 400*	46.5	85.6	16 400	50.4	87.5	15 300	56.5	89.6	13 500				42.0
44.0	35.2	78.7	12 200*	38.5	80.9	14 400*	43.1	83.6	15 500	47.3	85.7	14 500	53.6	88.2	12 700				44.0
46.0	30.8	75.6	11 500*	34.5	78.1	13 400*	39.5	81.2	14 700	44.0	83.7	13 700	50.6	86.6	12 000	56.5	88.3	10 400	46.0
48.0	25.7	71.7	10 900*	30.1	74.9	12 600*	35.6	78.6	14 000	40.4	81.4	12 900	47.5	84.8	11 300	53.6	86.8	9 800	48.0
50.0	19.5	66.8	10 500*	24.9	71.0	12 000*	31.3	75.5	13 300	36.6	78.9	12 300	44.2	82.8	10 700	50.6	85.3	9 200	50.0
52.0				18.4	65.8	11 400*	26.3	71.8	12 600	32.4	75.9	11 600	40.6	80.6	10 100	47.5	83.5	8 700	52.0
54.0							20.3	67.1	11 900	27.7	72.4	11 000	36.8	78.1	9 600	44.2	81.5	8 200	54.0
56.0							11.4	59.8	10 500*	22.0	68.0	10 500	32.7	75.2	9 100	40.7	79.3	7 700	56.0
58.0													28.0	71.7	8 600	36.9	76.8	7 300	58.0
60.0													22.3	67.3	8 100	32.7	73.8	6 900	60.0
62.0													14.8	61.2	7 600	28.0	70.4	6 500	62.0
64.0																22.4	66.0	6 100	64.0
66.0																14.8	59.9	5 700	66.0

Liftcrane Luffing Jib Capacities

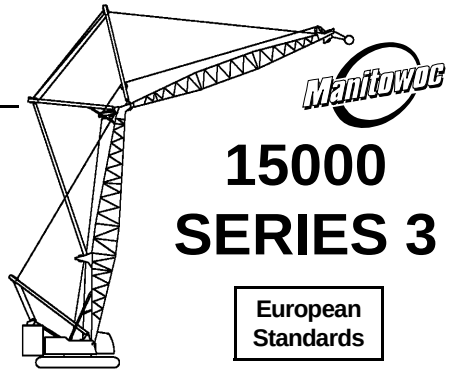
Luffing Jib No. 149A with
Boom No. 57
99 740 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speeds (all boom lengths)	
13 m/s with 21.3m thru 33.5m Luffing Jib	
11 m/s with 36.6m thru 42.7m Luffing Jib	
9 m/s with 45.7m thru 51.8m Luffing Jib	
7 m/s with 54.9m thru 67.1m Luffing Jib	
5 m/s with 70.1m and 73.2m Luffing Jib	



48.5m (159 Ft.) Boom, 51.8m (170 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
18.3	74.3	100.7	22 600*													18.3
20.0	72.3	100.2	22 400*													20.0
22.0	70.0	99.5	22 000*	72.0	100.0	25 900*										22.0
24.0	67.6	98.7	21 600*	69.6	99.2	25 700*										24.0
26.0	65.2	97.8	21 200*	67.2	98.4	25 300*	70.2	99.2	25 200*							26.0
28.0	62.7	96.8	20 700*	64.8	97.5	23 900*	67.9	98.4	24 900							28.0
30.0	60.2	95.7	19 400*	62.3	96.5	22 600*	65.5	97.5	23 700							30.0
32.0	57.6	94.5	18 100*	59.8	95.4	21 300*	63.0	96.5	22 000	66.1	97.3	20 600				32.0
34.0	54.9	93.1	16 900*	57.2	94.2	20 000*	60.5	95.4	20 500	63.6	96.4	19 200				34.0
36.0	52.2	91.6	15 700*	54.5	92.8	18 700*	57.9	94.2	19 300	61.1	95.3	18 000				36.0
38.0	49.3	89.9	14 700*	51.7	91.2	17 500*	55.2	92.9	18 100	58.5	94.1	16 900				38.0
40.0	46.3	88.1	13 700*	48.8	89.6	16 300*	52.5	91.4	17 000	55.9	92.8	15 900	61.3	94.4	14 000	40.0
42.0	43.1	86.1	12 900*	45.8	87.7	15 200*	49.6	89.7	16 000	53.2	91.4	14 900	58.7	93.2	13 200	42.0
44.0	39.7	83.7	12 100*	42.6	85.6	14 300*	46.6	87.9	15 200	50.3	89.8	14 100	56.1	91.9	12 400	44.0
46.0	36.1	81.1	11 300*	39.2	83.2	13 400*	43.5	85.9	14 400	47.4	88.0	13 300	53.3	90.5	11 600	46.0
48.0	32.1	78.1	10 700*	35.5	80.6	12 600*	40.1	83.6	13 600	44.3	86.0	12 600	50.5	88.9	11 000	48.0
50.0	27.6	74.6	10 200*	31.5	77.5	11 800*	36.5	81.0	12 900	41.0	83.8	11 900	47.6	87.1	10 400	50.0
52.0	22.3	70.2	9 800*	26.8	73.9	11 200*	32.6	78.1	12 300	37.4	81.3	11 300	44.5	85.2	9 800	52.0
54.0	15.2	64.2	9 300*	21.3	69.3	10 700*	28.1	74.6	11 700	33.6	78.5	10 700	41.2	83.0	9 300	54.0
56.0				13.8	62.8	9 500*	22.9	70.3	11 100	29.3	75.1	10 200	37.7	80.5	8 800	56.0
58.0							16.1	64.6	10 300*	24.3	71.1	9 700	33.8	77.7	8 300	58.0
60.0										18.1	65.8	9 100	29.6	74.4	7 900	60.0
62.0													24.6	70.4	7 500	62.0
64.0													18.5	65.2	7 000	64.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A with
Boom No. 57
99 740 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speeds (all boom lengths)	
13 m/s with 21.3m thru 33.5m Luffing Jib	
11 m/s with 36.6m thru 42.7m Luffing Jib	
9 m/s with 45.7m thru 51.8m Luffing Jib	
7 m/s with 54.9m thru 67.1m Luffing Jib	
5 m/s with 70.1m and 73.2m Luffing Jib	

48.5m (159 Ft.) Boom, 54.9m (180 Ft.) Luffing Jib

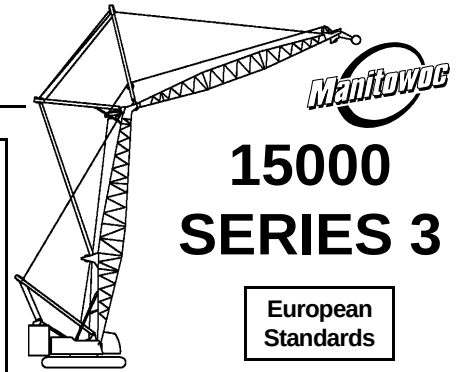
Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. 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	75.2	103.9	20 800*													18.3
20.0	73.3	103.4	20 600*													20.0
22.0	71.2	102.7	20 400*	73.0	103.2	23 700*										22.0
24.0	68.9	102.0	19 900*	70.8	102.5	23 500*										24.0
26.0	66.7	101.1	19 700*	68.6	101.7	23 300*										26.0
28.0	64.4	100.2	19 200*	66.3	100.9	22 700*	69.2	101.7	22 900*							28.0
30.0	62.0	99.2	18 600*	64.0	99.9	21 500*	66.9	100.8	22 800							30.0
32.0	59.6	98.1	17 400*	61.6	98.9	20 400*	64.6	99.9	21 500	67.5	100.7	20 100				32.0
34.0	57.1	96.8	16 300*	59.2	97.7	19 300*	62.3	98.9	20 100	65.2	99.8	18 700				34.0
36.0	54.6	95.4	15 300*	56.8	96.5	18 100*	59.9	97.8	18 800	62.9	98.8	17 500				36.0
38.0	52.0	93.9	14 300*	54.2	95.1	17 000*	57.4	96.6	17 600	60.5	97.7	16 400				38.0
40.0	49.3	92.2	13 400*	51.6	93.6	15 900*	54.9	95.2	16 600	58.0	96.5	15 400				40.0
42.0	46.4	90.4	12 600*	48.8	91.9	15 000*	52.3	93.7	15 600	55.5	95.1	14 500	60.6	96.8	12 700	42.0
44.0	43.5	88.4	11 800*	46.0	90.0	14 000*	49.6	92.0	14 800	52.9	93.7	13 700	58.2	95.6	11 900	44.0
46.0	40.3	86.1	11 100*	43.0	87.9	13 100*	46.7	90.2	13 900	50.3	92.1	12 900	55.7	94.2	11 200	46.0
48.0	36.9	83.6	10 500*	39.8	85.6	12 400*	43.8	88.2	13 200	47.5	90.3	12 200	53.1	92.8	10 600	48.0
50.0	33.2	80.7	9 900*	36.4	83.0	11 600*	40.6	86.0	12 500	44.5	88.3	11 500	50.4	91.2	10 000	50.0
52.0	29.2	77.3	9 400*	32.6	80.1	11 000*	37.3	83.5	11 900	41.5	86.2	10 900	47.6	89.4	9 400	52.0
54.0	24.5	73.3	9 000*	28.5	76.6	10 400*	33.7	80.6	11 300	38.2	83.7	10 400	44.7	87.5	8 900	54.0
56.0	18.7	68.1	8 700*	23.7	72.5	9 800*	29.6	77.3	10 800	34.6	81.0	9 800	41.6	85.3	8 400	56.0
58.0				17.6	67.1	9 100*	25.0	73.4	10 200	30.7	77.8	9 300	38.4	82.9	8 000	58.0
60.0							19.4	68.4	9 600	26.3	74.0	8 900	34.8	80.2	7 500	60.0
62.0							11.3	60.9	8 300*	20.9	69.4	8 400	30.9	77.0	7 100	62.0
64.0										13.8	62.8	7 900	26.5	73.3	6 800	64.0
66.0													21.3	68.7	6 400	66.0
68.0													14.3	62.3	6 000	68.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A with
Boom No. 57
99 740 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

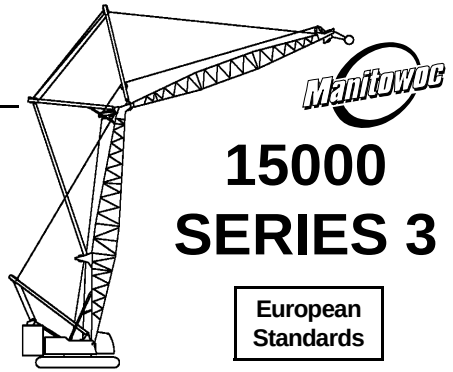
Maximum Operating Wind Speeds
(all boom lengths)

13 m/s with 21.3m thru 33.5m Luffing Jib
11 m/s with 36.6m thru 42.7m Luffing Jib
9 m/s with 45.7m thru 51.8m Luffing Jib
7 m/s with 54.9m thru 67.1m Luffing Jib
5 m/s with 70.1m and 73.2m Luffing Jib



48.5m (159 Ft.) Boom, 57.9m (190 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
19.8	74.4	106.6	19 000*													19.8
20.0	74.3	106.6	18 900*													20.0
22.0	72.2	105.9	18 700*													22.0
24.0	70.1	105.2	18 500*	71.9	105.7	21 500*										24.0
26.0	68.0	104.5	18 100*	69.8	105.0	21 400*										26.0
28.0	65.8	103.6	17 900*	67.6	104.2	21 200*	70.3	104.9	20 900*							28.0
30.0	63.6	102.6	17 500*	65.5	103.3	20 500*	68.2	104.2	20 900*							30.0
32.0	61.4	101.6	16 800*	63.3	102.4	19 500*	66.0	103.3	20 800*							32.0
34.0	59.1	100.4	15 800*	61.0	101.3	18 500*	63.8	102.3	19 800	66.6	103.1	18 400				34.0
36.0	56.7	99.1	14 800*	58.7	100.1	17 500*	61.6	101.3	18 500	64.4	102.2	17 300				36.0
38.0	54.3	97.7	14 000*	56.4	98.8	16 500*	59.3	100.1	17 400	62.2	101.2	16 100				38.0
40.0	51.8	96.2	13 100*	53.9	97.4	15 600*	57.0	98.9	16 300	59.9	100.0	15 200				40.0
42.0	49.3	94.5	12 300*	51.4	95.8	14 600*	54.6	97.5	15 400	57.6	98.8	14 300				42.0
44.0	46.6	92.7	11 500*	48.8	94.2	13 700*	52.1	96.0	14 500	55.2	97.4	13 400	60.0	99.1	11 700	44.0
46.0	43.8	90.7	10 900*	46.1	92.3	12 900*	49.5	94.3	13 700	52.7	96.0	12 700	57.7	97.9	11 000	46.0
48.0	40.8	88.5	10 200*	43.3	90.2	12 100*	46.9	92.5	13 000	50.2	94.4	12 000	55.3	96.6	10 400	48.0
50.0	37.6	86.0	9 700*	40.3	88.0	11 400*	44.1	90.5	12 300	47.5	92.6	11 300	52.9	95.1	9 700	50.0
52.0	34.2	83.2	9 200*	37.1	85.5	10 800*	41.1	88.3	11 600	44.8	90.6	10 700	50.3	93.5	9 200	52.0
54.0	30.5	80.0	8 700*	33.7	82.6	10 200*	38.0	85.9	11 100	41.9	88.5	10 200	47.7	91.7	8 700	54.0
56.0	26.3	76.2	8 300*	29.9	79.3	9 600*	34.6	83.1	10 500	38.8	86.1	9 600	45.0	89.8	8 200	56.0
58.0	21.3	71.6	8 000*	25.6	75.5	9 100*	30.9	79.9	10 000	35.5	83.4	9 100	42.1	87.7	7 700	58.0
60.0	14.8	65.3	7 400*	20.4	70.7	8 500*	26.8	76.3	9 500	31.9	80.4	8 700	39.0	85.3	7 300	60.0
62.0				13.5	63.9	7 400*	21.9	71.8	9 000	27.9	76.8	8 300	35.7	82.6	6 900	62.0
64.0							15.6	65.7	8 100	23.2	72.6	7 800	32.1	79.6	6 500	64.0
66.0										17.4	67.1	7 400	28.1	76.1	6 200	66.0
68.0													23.5	71.9	5 900	68.0
70.0													17.8	66.5	5 500	70.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A with
Boom No. 57
99 740 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speeds (all boom lengths)	
13 m/s with 21.3m thru 33.5m Luffing Jib	
11 m/s with 36.6m thru 42.7m Luffing Jib	
9 m/s with 45.7m thru 51.8m Luffing Jib	
7 m/s with 54.9m thru 67.1m Luffing Jib	
5 m/s with 70.1m and 73.2m Luffing Jib	

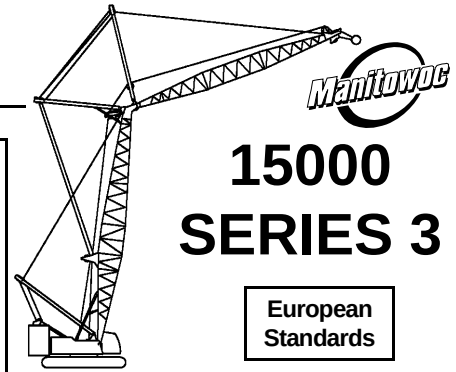
48.5m (159 Ft.) Boom, 61.0m (200 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib 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	109.8	17 400*										19.8
20.0	75.1	109.7	17 400*										20.0
22.0	73.1	109.1	17 200*										22.0
24.0	71.1	108.5	17 000*	72.8	108.9	19 700*							24.0
26.0	69.1	107.7	16 800*	70.8	108.3	19 500*							26.0
28.0	67.1	106.9	16 600*	68.8	107.5	19 400*							28.0
30.0	65.0	106.0	16 300*	66.8	106.7	19 200*	69.3	107.4	19 000*				30.0
32.0	62.9	105.0	16 000*	64.7	105.8	18 500*	67.3	106.6	18 900*				32.0
34.0	60.8	103.9	15 200*	62.6	104.7	17 700*	65.2	105.7	18 800				34.0
36.0	58.6	102.7	14 300*	60.4	103.7	16 800*	63.1	104.7	18 200	65.8	105.6	16 800	36.0
38.0	56.4	101.5	13 500*	58.3	102.4	15 900*	61.0	103.7	17 000	63.7	104.6	15 700	38.0
40.0	54.1	100.1	12 700*	56.0	101.1	15 000*	58.8	102.5	15 900	61.6	103.5	14 700	40.0
42.0	51.7	98.5	12 000*	53.7	99.7	14 200*	56.6	101.2	15 000	59.4	102.4	13 900	42.0
44.0	49.2	96.8	11 300*	51.3	98.2	13 400*	54.3	99.8	14 100	57.2	101.1	13 000	44.0
46.0	46.7	95.0	10 600*	48.9	96.5	12 600*	51.9	98.3	13 300	54.9	99.8	12 300	46.0
48.0	44.0	93.0	10 000*	46.3	94.6	11 900*	49.5	96.6	12 600	52.6	98.3	11 600	48.0
50.0	41.2	90.8	9 500*	43.6	92.6	11 200*	47.0	94.8	11 900	50.1	96.7	10 900	50.0
52.0	38.3	88.4	9 000*	40.8	90.3	10 600*	44.3	92.8	11 300	47.6	94.9	10 300	52.0
54.0	35.1	85.7	8 500*	37.8	87.9	10 000*	41.5	90.7	10 700	45.0	93.0	9 700	54.0
56.0	31.7	82.6	8 100*	34.6	85.1	9 400*	38.6	88.3	10 100	42.3	90.8	9 200	56.0
58.0	27.8	79.0	7 700*	31.1	81.9	8 900*	35.5	85.6	9 600	39.4	88.5	8 800	58.0
60.0	23.4	74.8	7 400*	27.2	78.3	8 300*	32.0	82.5	9 200	36.3	85.9	8 300	60.0
62.0	18.0	69.4	6 900*	22.7	73.9	7 800*	28.3	79.0	8 700	32.9	82.9	7 900	62.0
64.0	10.0	61.2	5 700*	17.0	68.3	7 100*	23.9	74.9	8 300	29.3	79.6	7 500	64.0
66.0							18.7	69.7	7 700*	25.1	75.6	7 100	66.0
68.0							11.2	61.9	6 400*	20.1	70.7	6 700	68.0
70.0										13.5	63.9	6 400	70.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A with
Boom No. 57
99 740 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speeds (all boom lengths)	
13 m/s with 21.3m thru 33.5m Luffing Jib	
11 m/s with 36.6m thru 42.7m Luffing Jib	
9 m/s with 45.7m thru 51.8m Luffing Jib	
7 m/s with 54.9m thru 67.1m Luffing Jib	
5 m/s with 70.1m and 73.2m Luffing Jib	

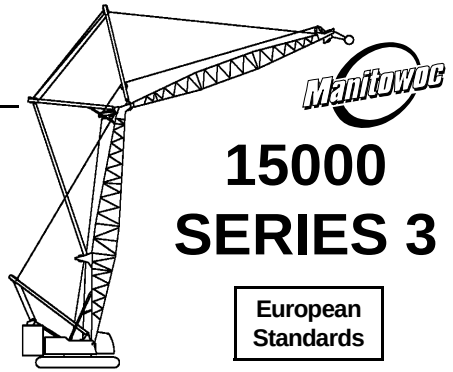


**15000
SERIES 3**

European
Standards

48.5m (159 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.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
19.8	76.0	112.9	16 000*										19.8
20.0	75.8	112.9	16 000*										20.0
22.0	73.9	112.3	15 800*										22.0
24.0	72.1	111.7	15 600*										24.0
26.0	70.2	111.0	15 500*	71.8	111.5	17 900*							26.0
28.0	68.2	110.2	15 300*	69.9	110.8	17 800*							28.0
30.0	66.3	109.4	15 100*	67.9	110.0	17 600*							30.0
32.0	64.3	108.4	14 800*	66.0	109.1	17 500*	68.4	109.9	17 200*				32.0
34.0	62.3	107.4	14 600*	64.0	108.2	16 800*	66.5	109.1	17 100*				34.0
36.0	60.3	106.3	13 800*	62.0	107.1	16 000*	64.5	108.2	17 100*	67.0	108.9	16 400	36.0
38.0	58.2	105.1	13 100*	59.9	106.0	15 300*	62.5	107.1	16 600	65.0	108.0	15 300	38.0
40.0	56.0	103.8	12 300*	57.8	104.8	14 600*	60.5	106.0	15 600	63.0	107.0	14 400	40.0
42.0	53.8	102.4	11 600*	55.7	103.5	13 800*	58.4	104.8	14 600	61.0	105.9	13 500	42.0
44.0	51.6	100.8	11 000*	53.5	102.0	13 000*	56.3	103.5	13 800	58.9	104.7	12 700	44.0
46.0	49.2	99.1	10 400*	51.2	100.5	12 300*	54.1	102.1	13 000	56.8	103.5	12 000	46.0
48.0	46.8	97.3	9 800*	48.9	98.8	11 700*	51.8	100.6	12 300	54.6	102.1	11 300	48.0
50.0	44.3	95.3	9 300*	46.4	96.9	11 000*	49.5	98.9	11 600	52.4	100.6	10 600	50.0
52.0	41.6	93.2	8 800*	43.9	94.9	10 400*	47.1	97.1	11 000	50.1	99.0	10 000	52.0
54.0	38.8	90.8	8 300*	41.2	92.7	9 800*	44.6	95.2	10 400	47.7	97.2	9 500	54.0
56.0	35.9	88.1	7 900*	38.4	90.3	9 200*	41.9	93.0	9 900	45.2	95.3	8 900	56.0
58.0	32.7	85.1	7 500*	35.4	87.6	8 600*	39.2	90.6	9 300	42.6	93.2	8 500	58.0
60.0	29.1	81.7	7 200*	32.1	84.5	8 000*	36.2	88.0	8 800	39.9	90.8	8 000	60.0
62.0	25.2	77.8	6 600*	28.6	81.1	7 500*	33.0	85.1	8 400	37.0	88.3	7 600	62.0
64.0	20.5	73.0	6 200*	24.5	77.0	7 100*	29.5	81.7	8 000	33.8	85.4	7 200	64.0
66.0	14.4	66.4	5 600*	19.7	72.0	6 600*	25.6	77.9	7 600	30.5	82.2	6 800	66.0
68.0				13.2	65.0	5 600*	21.0	73.1	7 100	26.7	78.5	6 400	68.0
70.0							15.2	66.9	6 200*	22.3	74.0	6 100	70.0
72.0										16.8	68.3	5 800	72.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A with
Boom No. 57
99 740 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speeds (all boom lengths)		
13 m/s with 21.3m thru 33.5m Luffing Jib		
11 m/s with 36.6m thru 42.7m Luffing Jib		
9 m/s with 45.7m thru 51.8m Luffing Jib		
7 m/s with 54.9m thru 67.1m Luffing Jib		
5 m/s with 70.1m and 73.2m Luffing Jib		

48.5m (159 Ft.) Boom, 67.1m (220 Ft.) Luffing Jib

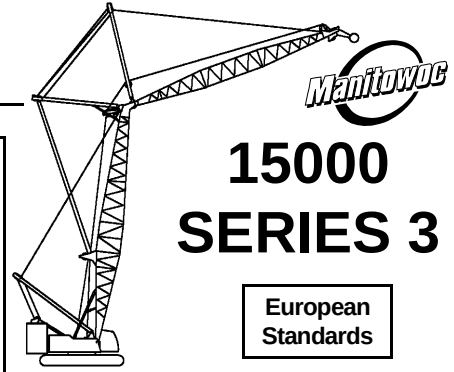
Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
21.3	75.3	115.7	14 600*							21.3
22.0	74.7	115.5	14 500*							22.0
24.0	72.9	114.9	14 300*							24.0
26.0	71.1	114.2	14 200*	72.6	114.7	16 400*				26.0
28.0	69.3	113.5	14 000*	70.8	114.0	16 200*				28.0
30.0	67.4	112.7	13 900*	69.0	113.3	16 100*				30.0
32.0	65.6	111.8	13 700*	67.1	112.4	15 900*	69.5	113.2	15 600*	32.0
34.0	63.7	110.8	13 500*	65.3	111.6	15 800*	67.6	112.4	15 600*	34.0
36.0	61.7	109.8	13 200*	63.4	110.6	15 300*	65.8	111.5	15 500*	36.0
38.0	59.8	108.7	12 600*	61.4	109.5	14 600*	63.9	110.6	15 400*	38.0
40.0	57.8	107.4	11 900*	59.5	108.4	13 900*	61.9	109.5	15 200	40.0
42.0	55.7	106.1	11 300*	57.5	107.1	13 300*	60.0	108.4	14 200	42.0
44.0	53.6	104.7	10 700*	55.4	105.8	12 600*	58.0	107.2	13 400	44.0
46.0	51.4	103.1	10 100*	53.3	104.3	12 000*	55.9	105.9	12 600	46.0
48.0	49.2	101.4	9 500*	51.1	102.8	11 400*	53.8	104.4	11 900	48.0
50.0	46.9	99.6	9 000*	48.9	101.1	10 800*	51.7	102.9	11 200	50.0
52.0	44.5	97.7	8 600*	46.5	99.2	10 200*	49.5	101.2	10 600	52.0
54.0	42.0	95.5	8 100*	44.1	97.2	9 600*	47.2	99.4	10 000	54.0
56.0	39.4	93.2	7 700*	41.6	95.0	9 000*	44.8	97.5	9 500	56.0
58.0	36.6	90.6	7 300*	38.9	92.7	8 400*	42.3	95.3	9 000	58.0
60.0	33.6	87.7	6 900*	36.1	90.0	7 800*	39.6	93.0	8 500	60.0
62.0	30.3	84.4	6 400*	33.1	87.1	7 300*	36.9	90.4	8 100	62.0
64.0	26.7	80.7	5 900*	29.8	83.7	6 800*	33.9	87.6	7 600	64.0
66.0	22.5	76.2	5 500*	26.1	79.9	6 400*	30.7	84.4	7 300	66.0
68.0	17.4	70.6	5 100*	21.8	75.3	5 900*	27.1	80.7	6 900	68.0
70.0	10.0	62.2	4 100*	16.5	69.5	5 300*	23.0	76.4	6 400	70.0
72.0							18.0	70.9	5 700*	72.0
74.0							11.1	63.0	4 700*	74.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A with
Boom No. 57
99 740 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speeds
(all boom lengths)

13 m/s with 21.3m thru 33.5m Luffing Jib
11 m/s with 36.6m thru 42.7m Luffing Jib
9 m/s with 45.7m thru 51.8m Luffing Jib
7 m/s with 54.9m thru 67.1m Luffing Jib
5 m/s with 70.1m and 73.2m Luffing Jib



48.5m (159 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.	Jib Point Elev. m	Luffing Jib 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	118.8	13 600*							21.3
22.0	75.4	118.7	13 500*							22.0
24.0	73.7	118.1	13 300*							24.0
26.0	71.9	117.5	13 200*	73.4	117.9	15 300*				26.0
28.0	70.2	116.8	13 100*	71.7	117.2	15 200*				28.0
30.0	68.5	116.0	12 900*	69.9	116.5	15 000*				30.0
32.0	66.7	115.2	12 700*	68.2	115.7	14 900*	70.4	116.4	14 700*	32.0
34.0	64.9	114.2	12 500*	66.4	114.9	14 700*	68.7	115.7	14 600*	34.0
36.0	63.1	113.2	12 300*	64.6	114.0	14 400*	66.9	114.9	14 600*	36.0
38.0	61.2	112.2	11 900*	62.8	113.0	13 800*	65.1	113.9	14 500*	38.0
40.0	59.3	111.0	11 300*	60.9	111.9	13 200*	63.3	113.0	14 400	40.0
42.0	57.4	109.8	10 700*	59.0	110.7	12 600*	61.4	111.9	14 000	42.0
44.0	55.4	108.4	10 200*	57.1	109.5	12 000*	59.5	110.8	13 100	44.0
46.0	53.4	107.0	9 700*	55.1	108.1	11 400*	57.6	109.5	12 300	46.0
48.0	51.3	105.4	9 200*	53.1	106.6	10 900*	55.6	108.2	11 600	48.0
50.0	49.2	103.7	8 700*	51.0	105.1	10 300*	53.6	106.7	10 900	50.0
52.0	47.0	101.9	8 300*	48.9	103.4	9 800*	51.6	105.2	10 300	52.0
54.0	44.7	100.0	7 800*	46.7	101.5	9 300*	49.4	103.5	9 700	54.0
56.0	42.3	97.8	7 400*	44.3	99.5	8 800*	47.2	101.7	9 200	56.0
58.0	39.8	95.5	7 100*	41.9	97.4	8 200*	45.0	99.8	8 700	58.0
60.0	37.2	93.0	6 700*	39.4	95.0	7 600*	42.6	97.7	8 300	60.0
62.0	34.4	90.2	6 200*	36.7	92.4	7 100*	40.1	95.4	7 800	62.0
64.0	31.3	87.0	5 800*	33.9	89.6	6 600*	37.5	92.9	7 400	64.0
66.0	28.0	83.5	5 300*	30.8	86.4	6 200*	34.7	90.1	7 000	66.0
68.0	24.2	79.3	4 900*	27.4	82.7	5 700*	31.6	87.0	6 600	68.0
70.0	19.8	74.3	4 600*	23.6	78.5	5 400*	28.3	83.5	6 300	70.0
72.0	14.1	67.6	4 000*	19.0	73.3	4 900*	24.6	79.4	6 000	72.0
74.0				13.0	66.1	4 000*	20.3	74.5	5 400*	74.0
76.0							14.8	68.0	4 500*	76.0



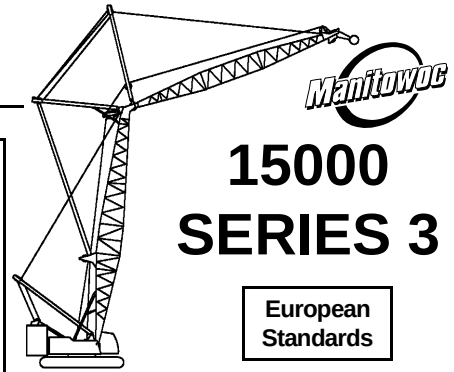
Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A with
Boom No. 57
99 740 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speeds (all boom lengths)		
13 m/s with 21.3m thru 33.5m Luffing Jib		
11 m/s with 36.6m thru 42.7m Luffing Jib		
9 m/s with 45.7m thru 51.8m Luffing Jib		
7 m/s with 54.9m thru 67.1m Luffing Jib		
5 m/s with 70.1m and 73.2m Luffing Jib		

48.5m (159 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	75.3	121.6	12 300*							22.9
24.0	74.4	121.3	12 200*							24.0
26.0	72.7	120.7	12 100*							26.0
28.0	71.1	120.0	11 900*	72.5	120.4	13 800*				28.0
30.0	69.4	119.3	11 800*	70.8	119.8	13 700*				30.0
32.0	67.7	118.5	11 700*	69.1	119.0	13 600*				32.0
34.0	66.0	117.6	11 500*	67.5	118.2	13 500*	69.6	118.9	13 300*	34.0
36.0	64.3	116.7	11 300*	65.7	117.3	13 300*	67.9	118.2	13 200*	36.0
38.0	62.5	115.7	11 200*	64.0	116.4	13 000*	66.2	117.3	13 200*	38.0
40.0	60.7	114.6	10 800*	62.3	115.4	12 500*	64.5	116.4	13 000*	40.0
42.0	58.9	113.4	10 300*	60.5	114.3	12 000*	62.7	115.4	13 000*	42.0
44.0	57.1	112.1	9 800*	58.6	113.1	11 500*	60.9	114.3	12 700	44.0
46.0	55.2	110.7	9 300*	56.8	111.8	10 900*	59.1	113.1	12 000	46.0
48.0	53.2	109.3	8 900*	54.9	110.4	10 500*	57.3	111.9	11 200	48.0
50.0	51.2	107.7	8 400*	52.9	108.9	10 000*	55.4	110.5	10 600	50.0
52.0	49.2	106.0	8 000*	50.9	107.4	9 500*	53.4	109.1	10 000	52.0
54.0	47.1	104.2	7 600*	48.9	105.7	9 000*	51.5	107.5	9 400	54.0
56.0	44.9	102.3	7 200*	46.8	103.8	8 500*	49.4	105.8	8 900	56.0
58.0	42.6	100.2	6 900*	44.5	101.8	7 900*	47.3	104.0	8 400	58.0
60.0	40.2	97.9	6 500*	42.3	99.7	7 400*	45.1	102.1	7 900	60.0
62.0	37.7	95.4	6 000*	39.9	97.4	6 900*	42.9	100.0	7 500	62.0
64.0	35.1	92.6	5 500*	37.3	94.9	6 400*	40.5	97.7	7 100	64.0
66.0	32.2	89.6	5 100*	34.6	92.1	5 900*	38.0	95.3	6 700	66.0
68.0	29.1	86.2	4 700*	31.8	89.0	5 500*	35.4	92.6	6 300	68.0
70.0	25.7	82.3	4 300*	28.6	85.5	5 100*	32.5	89.5	6 000	70.0
72.0	21.7	77.7	4 000*	25.1	81.5	4 700*	29.5	86.2	5 600	72.0
74.0	16.9	71.8	3 600*	21.1	76.7	4 400*	26.1	82.3	5 300	74.0
76.0	10.1	63.3	2 800*	16.1	70.7	3 700*	22.2	77.8	4 900*	76.0
78.0							17.5	72.2	4 200*	78.0
80.0							11.0	64.1	3 300*	80.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A with
Boom No. 57
99 740 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

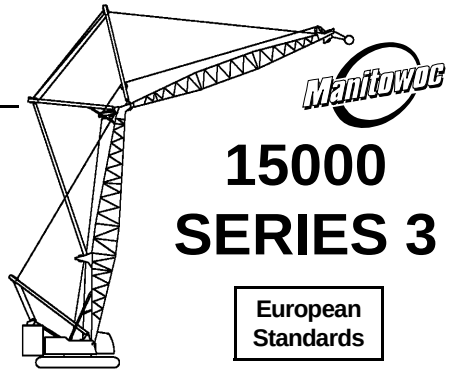
Maximum Operating Wind Speeds (all boom lengths)		
13 m/s with 21.3m thru 33.5m Luffing Jib		
11 m/s with 36.6m thru 42.7m Luffing Jib		
9 m/s with 45.7m thru 51.8m Luffing Jib		
7 m/s with 54.9m thru 67.1m Luffing Jib		
5 m/s with 70.1m and 73.2m Luffing Jib		

51.5m (169 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	72.9	48 800*b																			13.7
14.0	63.1	72.8	48 500*b																			14.0
16.0	56.9	71.6	46 500*b	62.5	72.6	54 300b																16.0
18.0	50.1	70.0	44 100*	56.2	71.3	48 600b																18.0
20.0	42.5	68.1	39 800*	49.3	69.7	43 900*	58.4	71.5	41 700b													20.0
22.0	33.6	65.4	36 100*	41.7	67.7	39 100*	51.7	70.0	38 000b	60.5	71.4	36 000b										22.0
24.0	21.5	61.4	32 600*	32.5	64.9	35 200*	44.4	68.2	34 900	54.0	70.1	33 000										24.0
26.0							35.9	65.7	32 300	46.9	68.4	30 400	61.6	70.6	27 600b							26.0
28.0							24.9	62.1	30 000	38.9	66.2	28 200	55.3	69.3	25 600b							28.0
30.0										29.0	63.1	26 300	48.3	67.7	23 800							30.0
32.0										13.3	57.6	24 700	40.5	65.6	22 200	56.1	68.1	20 000b				32.0
34.0													31.0	62.7	20 800	49.3	66.6	18 600				34.0
36.0													17.3	58.0	19 400	41.6	64.5	17 500				36.0
38.0																32.4	61.7	16 300				38.0
40.0																			42.1	62.9	13 600	40.0
42.0																			33.1	60.2	12 700	42.0
44.0																			20.8	56.1	11 800	44.0

51.5m (169 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	76.3	45 300*b																			13.7
14.0	66.7	76.2	45 000*b																			14.0
16.0	61.5	75.2	43 200*b	66.2	76.0	52 100b																16.0
18.0	55.9	73.9	41 600*	60.9	74.9	47 800b																18.0
20.0	49.9	72.3	38 100*	55.3	73.6	43 100	62.7	75.0	40 900b													20.0
22.0	43.4	70.4	34 400*	49.3	72.0	38 900*	57.3	73.8	37 200	64.5	74.9	35 200b										22.0
24.0	35.9	67.9	31 300*	42.7	70.0	34 900*	51.4	72.3	34 200	59.1	73.8	32 300										24.0
26.0	26.5	64.5	29 000*	35.0	67.5	31 700*	45.0	70.5	31 500	53.4	72.4	29 800										26.0
28.0				25.4	63.9	28 900*	37.8	68.1	29 300	47.2	70.7	27 600	60.1	73.0	24 900b							28.0
30.0							29.0	65.0	27 300	40.3	68.5	25 700	54.5	71.7	23 100							30.0
32.0							16.3	60.0	25 700	32.1	65.7	24 000	48.4	70.0	21 600							32.0
34.0										21.3	61.6	22 600	41.6	67.9	20 200	55.3	70.4	18 100				34.0
36.0													33.8	65.3	19 000	49.2	68.8	16 900				36.0
38.0													23.7	61.5	17 900	42.6	66.8	15 900				38.0
40.0																34.9	64.3	15 000	49.6	67.2	13 200	40.0
42.0																25.3	60.7	13 900	43.0	65.2	12 400	42.0
44.0																			35.5	62.7	11 500	44.0
46.0																			26.0	59.2	10 800	46.0



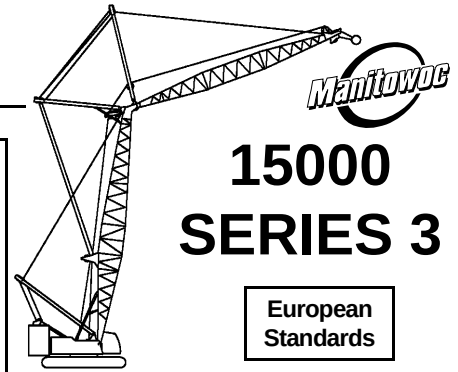
Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A with
Boom No. 57
99 740 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speeds (all boom lengths)	
13 m/s with 21.3m thru 33.5m Luffing Jib	
11 m/s with 36.6m thru 42.7m Luffing Jib	
9 m/s with 45.7m thru 51.8m Luffing Jib	
7 m/s with 54.9m thru 67.1m Luffing Jib	
5 m/s with 70.1m and 73.2m Luffing Jib	

51.5m (169 Ft.) Boom, 27.4m (90 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
13.7	70.1	79.6	42 000*b																			13.7
14.0	69.5	79.5	41 800*b																			14.0
16.0	64.9	78.6	40 200*b	69.0	79.3	48 800*b																16.0
18.0	60.2	77.5	38 700*	64.4	78.4	46 600b																18.0
20.0	55.2	76.2	36 600*	59.7	77.3	42 400	66.0	78.4	40 100b													20.0
22.0	49.8	74.6	33 200*	54.6	75.9	38 600	61.3	77.4	36 600													22.0
24.0	44.0	72.7	30 000*	49.3	74.3	34 800*	56.4	76.1	33 600	62.9	77.3	31 700										24.0
26.0	37.5	70.3	27 400*	43.4	72.4	31 500*	51.1	74.6	31 000	58.0	76.1	29 200										26.0
28.0	29.8	67.2	25 300*	36.8	69.9	28 700*	45.5	72.8	28 800	52.9	74.7	27 100										28.0
30.0	19.5	62.7	23 800*	28.9	66.7	26 400*	39.2	70.5	26 800	47.4	73.0	25 200	59.0	75.3	22 700							30.0
32.0				18.1	62.0	24 300*	31.8	67.6	25 100	41.3	70.9	23 500	53.9	74.0	21 200							32.0
34.0							22.4	63.6	23 600	34.4	68.2	22 100	48.5	72.3	19 800							34.0
36.0										25.9	64.7	20 800	42.5	70.3	18 600	54.6	72.8	16 500				36.0
38.0										12.6	58.7	19 600	35.8	67.8	17 500	49.2	71.2	15 500				38.0
40.0													27.6	64.4	16 500	43.4	69.2	14 600				40.0
42.0													15.9	59.2	15 400	36.7	66.7	13 700	49.6	69.5	12 100	42.0
44.0																28.8	63.5	12 900	43.7	67.6	11 400	44.0
46.0																			37.2	65.1	10 600	46.0
48.0																			29.4	62.0	9 900	48.0
50.0																			18.8	57.3	9 300	50.0



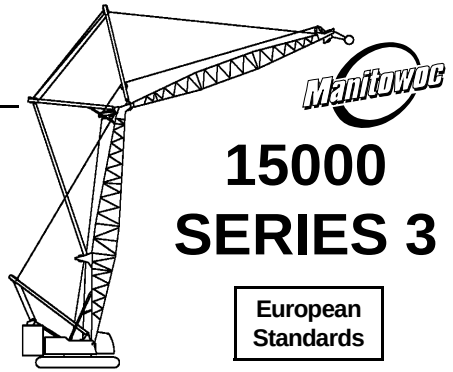
Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A with
Boom No. 57
99 740 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speeds (all boom lengths)	
13 m/s with 21.3m thru 33.5m Luffing Jib	
11 m/s with 36.6m thru 42.7m Luffing Jib	
9 m/s with 45.7m thru 51.8m Luffing Jib	
7 m/s with 54.9m thru 67.1m Luffing Jib	
5 m/s with 70.1m and 73.2m Luffing Jib	

51.5m (169 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	82.8	38 800*(b)																			13.7
14.0	71.6	82.7	38 600*(b)																			14.0
16.0	67.6	81.9	37 300*(b)	71.2	82.5	45 100*(b)																16.0
18.0	63.4	81.0	35 900*	67.1	81.7	44 000*																18.0
20.0	59.1	79.9	34 600*	63.0	80.8	41 100*	68.5	81.7	39 300(b)													20.0
22.0	54.6	78.5	31 900*	58.6	79.6	37 700*	64.4	80.8	35 900													22.0
24.0	49.8	76.9	29 000*	54.1	78.3	34 400*	60.1	79.7	32 900													24.0
26.0	44.6	75.0	26 500*	49.2	76.6	31 200*	55.7	78.5	30 400	61.6	79.7	28 600										26.0
28.0	38.8	72.7	24 200*	44.0	74.7	28 500*	50.9	76.9	28 200	57.2	78.5	26 500										28.0
30.0	32.2	69.8	22 400*	38.2	72.3	26 100*	45.8	75.1	26 200	52.5	77.0	24 600										30.0
32.0	24.1	66.0	21 000*	31.5	69.4	24 000*	40.2	72.9	24 500	47.6	75.3	23 000	58.0	77.7	20 600							32.0
34.0				23.1	65.4	22 200*	33.9	70.2	23 000	42.2	73.2	21 500	53.4	76.3	19 200							34.0
36.0							26.2	66.6	21 700	36.1	70.7	20 300	48.5	74.6	18 000							36.0
38.0							15.2	61.1	20 500	29.0	67.5	19 100	43.2	72.6	17 000	54.0	75.1	15 000				38.0
40.0										19.5	62.9	18 000	37.3	70.2	16 000	49.2	73.4	14 100				40.0
42.0													30.4	67.1	15 100	43.9	71.5	13 300				42.0
44.0													21.6	62.9	14 200	38.1	69.2	12 500	49.5	71.8	10 900	44.0
46.0																31.4	66.2	11 800	44.3	69.9	10 300	46.0
48.0																23.0	62.2	11 000	38.5	67.5	9 600	48.0
50.0																			31.9	64.6	9 000	50.0
52.0																			23.6	60.7	8 400	52.0



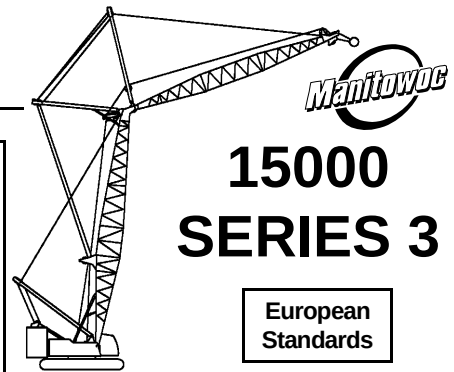
Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A with
Boom No. 57
99 740 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speeds (all boom lengths)	
13 m/s with 21.3m thru 33.5m Luffing Jib	
11 m/s with 36.6m thru 42.7m Luffing Jib	
9 m/s with 45.7m thru 51.8m Luffing Jib	
7 m/s with 54.9m thru 67.1m Luffing Jib	
5 m/s with 70.1m and 73.2m Luffing Jib	

51.5m (169 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	73.8	86.0	35 900*b																			13.7
14.0	73.3	85.9	35 700*b																			14.0
16.0	69.7	85.2	34 600*b																			16.0
18.0	66.0	84.4	33 400*	69.3	85.0	40 800*																18.0
20.0	62.2	83.4	32 400*	65.6	84.2	39 200*	70.6	85.0	38 800b													20.0
22.0	58.2	82.2	31 000*	61.8	83.2	36 200*	66.9	84.2	35 400													22.0
24.0	54.1	80.8	28 200*	57.8	82.0	33 400*	63.1	83.2	32 500													24.0
26.0	49.7	79.2	25 800*	53.6	80.6	30 600*	59.2	82.1	30 000	64.4	83.1	28 200										26.0
28.0	45.0	77.3	23 600*	49.2	78.9	28 000*	55.1	80.8	27 800	60.5	82.1	26 100										28.0
30.0	39.8	75.1	21 700*	44.5	77.0	25 700*	50.7	79.2	25 900	56.4	80.8	24 300										30.0
32.0	34.1	72.4	20 000*	39.3	74.7	23 700*	46.1	77.4	24 200	52.2	79.3	22 700	61.2	81.2	20 300							32.0
34.0	27.2	68.9	18 800*	33.4	71.9	21 800*	41.1	75.3	22 700	47.7	77.6	21 300	57.2	80.0	19 000							34.0
36.0	18.1	64.0	17 900*	26.4	68.4	20 300*	35.5	72.7	21 300	42.8	75.6	20 000	53.0	78.6	17 800							36.0
38.0				16.9	63.2	19 200*	29.0	69.4	20 100	37.4	73.2	18 800	48.6	76.9	16 700							38.0
40.0							20.6	64.9	19 100	31.3	70.2	17 800	43.8	74.9	15 700	53.6	77.4	13 900				40.0
42.0										23.7	66.2	16 800	38.5	72.6	14 900	49.2	75.7	13 100				42.0
44.0										12.2	59.8	15 800	32.5	69.7	14 100	44.4	73.8	12 300				44.0
46.0													25.3	66.0	13 300	39.2	71.5	11 700	49.5	74.1	10 100	46.0
48.0													15.0	60.4	12 500	33.4	68.7	11 000	44.7	72.2	9 500	48.0
50.0																26.4	65.2	10 300	39.6	69.9	8 900	50.0
52.0																			33.8	67.2	8 400	52.0
54.0																			26.9	63.7	7 800	54.0
56.0																			17.5	58.6	7 300	56.0



Liftcrane Luffing Jib Capacities

**Luffing Jib No. 149A with
Boom No. 57
99 740 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating**

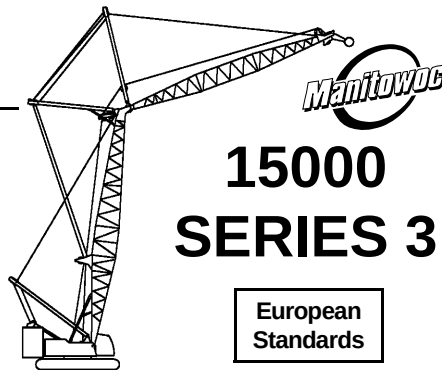
Maximum Operating Wind Speeds (all boom lengths)		
13 m/s with 21.3m thru 33.5m Luffing Jib		
11 m/s with 36.6m thru 42.7m Luffing Jib		
9 m/s with 45.7m thru 51.8m Luffing Jib		
7 m/s with 54.9m thru 67.1m Luffing Jib		
5 m/s with 70.1m and 73.2m Luffing Jib		

**15000
SERIES 3**

**European
Standards**

51.5m (169 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	89.2	33 100*(b)																			13.7
14.0	74.8	89.1	32 900*(b)																			14.0
16.0	71.5	88.5	32 200*(b)																			16.0
18.0	68.1	87.7	31 200*	71.1	88.3	37 600*																18.0
20.0	64.7	86.8	30 100*	67.8	87.5	36 900*																20.0
22.0	61.2	85.8	29 400*	64.3	86.6	34 600*	68.9	87.5	34 700													22.0
24.0	57.5	84.6	27 200*	60.8	85.5	32 000*	65.5	86.6	31 800													24.0
26.0	53.7	83.2	24 900*	57.1	84.3	29 500*	62.0	85.6	29 400	66.7	86.5	27 600										26.0
28.0	49.6	81.5	22 900*	53.3	82.9	27 200*	58.4	84.4	27 200	63.2	85.5	25 600										28.0
30.0	45.3	79.7	21 100*	49.2	81.2	25 000*	54.6	83.1	25 300	59.6	84.4	23 800										30.0
32.0	40.7	77.5	19 400*	44.9	79.3	23 000*	50.6	81.5	23 700	55.9	83.1	22 200										32.0
34.0	35.5	74.9	18 000*	40.2	77.1	21 300*	46.4	79.7	22 200	51.9	81.6	20 700	60.3	83.6	18 500							34.0
36.0	29.6	71.7	16 800*	35.0	74.4	19 700*	41.8	77.6	20 800	47.8	79.9	19 500	56.6	82.3	17 300							36.0
38.0	22.3	67.4	16 000*	28.9	71.2	18 300*	36.8	75.1	19 600	43.4	77.9	18 300	52.7	80.9	16 200							38.0
40.0				21.4	66.8	17 300*	31.1	72.1	18 500	38.5	75.6	17 300	48.6	79.2	15 300	57.1	81.1	13 400				40.0
42.0							24.2	68.2	17 600	33.1	72.7	16 300	44.2	77.3	14 400	53.2	79.7	12 600				42.0
44.0							14.4	62.2	16 600	26.7	69.2	15 500	39.5	75.0	13 600	49.2	78.1	11 900				44.0
46.0										18.3	64.2	14 700	34.2	72.3	12 900	44.8	76.2	11 200				46.0
48.0													28.0	68.9	12 200	40.1	73.9	10 600	49.4	76.4	9 000	48.0
50.0													20.1	64.2	11 500	34.9	71.2	10 000	45.1	74.5	8 500	50.0
52.0																28.9	68.0	9 400	40.4	72.3	8 000	52.0
54.0																21.3	63.6	8 800	35.3	69.7	7 500	54.0
56.0																			29.3	66.4	7 100	56.0
58.0																			21.9	62.1	6 600	58.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A with
Boom No. 57
99 740 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speeds (all boom lengths)

13 m/s with 21.3m thru 33.5m Luffing Jib
11 m/s with 36.6m thru 42.7m Luffing Jib
9 m/s with 45.7m thru 51.8m Luffing Jib
7 m/s with 54.9m thru 67.1m Luffing Jib
5 m/s with 70.1m and 73.2m Luffing Jib

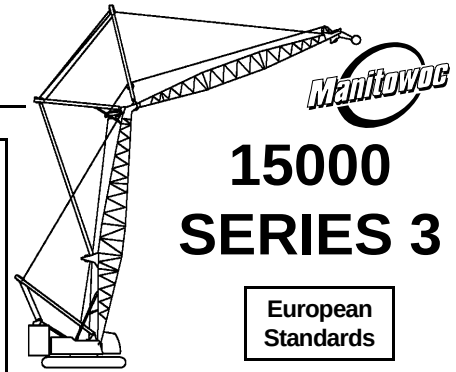
51.5m (169 Ft.) Boom, 39.6m (130 Ft.) Luffing Jib

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			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
15.2	74.1	91.9	30 000*(b)																15.2
16.0	73.0	91.7	29 700*(b)																16.0
18.0	69.9	91.0	28 900*																18.0
20.0	66.8	90.2	28 100*	69.6	90.8	34 200*													20.0
22.0	63.6	89.2	27 300*	66.4	90.0	33 000*													22.0
24.0	60.3	88.1	26 200*	63.2	89.0	30 700*	67.5	90.0	31 300										24.0
26.0	56.9	86.9	24 100*	59.9	87.9	28 500*	64.3	89.1	28 800										26.0
28.0	53.3	85.5	22 200*	56.5	86.6	26 400*	61.1	88.0	26 700	65.4	88.9	25 100							28.0
30.0	49.6	83.8	20 500*	52.9	85.2	24 400*	57.7	86.8	24 900	62.2	87.9	23 300							30.0
32.0	45.6	82.0	19 000*	49.2	83.5	22 500*	54.2	85.4	23 200	58.8	86.8	21 700							32.0
34.0	41.4	79.8	17 500*	45.2	81.6	20 800*	50.5	83.8	21 800	55.3	85.4	20 300							34.0
36.0	36.7	77.3	16 300*	40.9	79.5	19 300*	46.6	82.0	20 400	51.7	83.9	19 100	59.4	86.0	16 900				36.0
38.0	31.5	74.3	15 200*	36.2	76.9	17 800*	42.4	79.9	19 200	47.9	82.2	17 900	56.0	84.7	15 900				38.0
40.0	25.3	70.5	14 400*	30.9	73.8	16 700*	37.9	77.5	18 200	43.8	80.2	16 900	52.4	83.2	14 900				40.0
42.0	17.1	65.2	13 900*	24.6	69.9	15 700*	32.8	74.7	17 200	39.4	77.9	16 000	48.6	81.5	14 100	56.5	83.4	12 200	42.0
44.0				16.0	64.3	15 000*	26.9	71.1	16 300	34.6	75.2	15 100	44.6	79.6	13 300	52.9	82.0	11 500	44.0
46.0							19.3	66.3	15 500	29.0	71.9	14 300	40.3	77.4	12 600	49.1	80.3	10 800	46.0
48.0										22.1	67.6	13 600	35.5	74.7	11 900	45.2	78.5	10 200	48.0
50.0										11.9	60.8	12 800	30.1	71.6	11 200	40.9	76.3	9 700	50.0
52.0													23.5	67.5	10 600	36.2	73.7	9 200	52.0
54.0													14.4	61.5	10 000	30.9	70.6	8 700	54.0
56.0																24.5	66.7	8 100	56.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A with
Boom No. 57
99 740 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speeds (all boom lengths)	
13 m/s with 21.3m thru 33.5m Luffing Jib	
11 m/s with 36.6m thru 42.7m Luffing Jib	
9 m/s with 45.7m thru 51.8m Luffing Jib	
7 m/s with 54.9m thru 67.1m Luffing Jib	
5 m/s with 70.1m and 73.2m Luffing Jib	



51.5m (169 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	75.3	95.1	27 700*																15.2
16.0	74.2	94.9	27 500*																16.0
18.0	71.4	94.2	26 900*																18.0
20.0	68.5	93.5	26 400*	71.1	94.1	31 600*													20.0
22.0	65.6	92.6	25 400*	68.2	93.3	30 900*													22.0
24.0	62.6	91.6	24 900*	65.3	92.4	29 300*	69.2	93.3	30 400										24.0
26.0	59.5	90.5	23 300*	62.3	91.4	27 400*	66.3	92.4	28 200										26.0
28.0	56.3	89.2	21 500*	59.2	90.2	25 500*	63.3	91.5	26 100										28.0
30.0	53.0	87.8	19 900*	56.0	88.9	23 600*	60.2	90.4	24 300	64.3	91.4	22 800							30.0
32.0	49.5	86.1	18 400*	52.7	87.5	21 900*	57.1	89.1	22 700	61.3	90.3	21 200							32.0
34.0	45.9	84.3	17 100*	49.2	85.8	20 300*	53.8	87.7	21 300	58.1	89.1	19 800							34.0
36.0	42.0	82.2	15 800*	45.5	84.0	18 800*	50.4	86.1	19 900	54.9	87.8	18 600							36.0
38.0	37.7	79.7	14 700*	41.5	81.8	17 500*	46.8	84.3	18 800	51.5	86.2	17 500	58.7	88.3	15 400				38.0
40.0	33.0	76.8	13 900*	37.3	79.3	16 300*	42.9	82.3	17 700	48.0	84.5	16 500	55.5	87.0	14 400				40.0
42.0	27.6	73.3	13 100*	32.5	76.4	15 200*	38.8	79.9	16 700	44.2	82.6	15 500	52.2	85.5	13 600				42.0
44.0	20.9	68.8	12 500*	27.0	72.8	14 300*	34.2	77.2	15 800	40.2	80.3	14 700	48.7	83.8	12 800				44.0
46.0				20.1	68.1	13 600*	29.0	73.8	15 000	35.8	77.7	13 900	44.9	81.9	12 100	52.6	84.3	10 400	46.0
48.0							22.7	69.6	14 300	30.8	74.6	13 200	41.0	79.7	11 400	49.1	82.7	9 800	48.0
50.0							13.9	63.4	13 400	24.9	70.7	12 500	36.6	77.2	10 800	45.4	80.8	9 200	50.0
52.0										17.3	65.4	11 900	31.8	74.2	10 200	41.5	78.6	8 700	52.0
54.0													26.1	70.5	9 700	37.2	76.1	8 200	54.0
56.0													19.0	65.5	9 200	32.5	73.2	7 800	56.0
58.0																26.9	69.6	7 400	58.0
60.0																20.1	64.9	6 900	60.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A with
Boom No. 57
99 740 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speeds (all boom lengths)	
13 m/s with 21.3m thru 33.5m Luffing Jib	
11 m/s with 36.6m thru 42.7m Luffing Jib	
9 m/s with 45.7m thru 51.8m Luffing Jib	
7 m/s with 54.9m thru 67.1m Luffing Jib	
5 m/s with 70.1m and 73.2m Luffing Jib	

51.5m (169 Ft.) Boom, 45.7m (150 Ft.) Luffing Jib

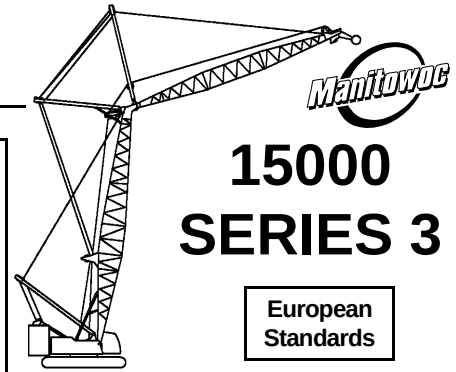
Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Elev. m	Luffing Jib Capacity Kilograms	
16.8	74.3	97.8	25 300*																16.8
18.0	72.7	97.4	24 900*																18.0
20.0	70.0	96.8	24 600*	72.4	97.3	29 100*													20.0
22.0	67.3	96.0	23 800*	69.7	96.6	28 800*													22.0
24.0	64.6	95.0	23 300*	67.0	95.7	27 900*													24.0
26.0	61.7	94.0	22 400*	64.3	94.8	26 100*	68.0	95.7	27 900										26.0
28.0	58.8	92.8	20 800*	61.4	93.8	24 500*	65.2	94.9	25 800										28.0
30.0	55.8	91.5	19 300*	58.5	92.6	22 900*	62.4	93.8	24 000	66.1	94.7	22 400							30.0
32.0	52.7	90.1	18 000*	55.5	91.3	21 300*	59.5	92.7	22 400	63.4	93.8	20 900							32.0
34.0	49.5	88.4	16 600*	52.4	89.8	19 800*	56.6	91.4	20 900	60.5	92.7	19 500							34.0
36.0	46.1	86.6	15 500*	49.2	88.1	18 400*	53.5	90.0	19 700	57.6	91.4	18 300							36.0
38.0	42.5	84.5	14 500*	45.7	86.3	17 100*	50.3	88.4	18 500	54.5	90.1	17 200							38.0
40.0	38.6	82.1	13 500*	42.1	84.2	16 000*	46.9	86.6	17 400	51.4	88.5	16 200	58.1	90.7	14 200				40.0
42.0	34.3	79.4	12 600*	38.1	81.7	14 900*	43.3	84.6	16 500	48.0	86.8	15 300	55.1	89.3	13 400				42.0
44.0	29.5	76.1	11 900*	33.8	78.9	13 900*	39.5	82.3	15 600	44.6	84.9	14 400	52.0	87.8	12 600				44.0
46.0	23.8	72.0	11 400*	28.9	75.6	13 100*	35.3	79.6	14 800	40.8	82.7	13 700	48.7	86.1	11 900	55.5	88.1	10 200	46.0
48.0	16.3	66.4	11 100*	23.1	71.4	12 400*	30.7	76.5	14 100	36.8	80.1	12 900	45.2	84.2	11 200	52.4	86.6	9 600	48.0
50.0				15.3	65.5	12 000*	25.3	72.7	13 300	32.3	77.2	12 300	41.5	82.1	10 600	49.1	84.9	9 100	50.0
52.0							18.3	67.5	12 700	27.2	73.6	11 700	37.6	79.6	10 100	45.7	83.1	8 500	52.0
54.0										20.9	69.0	11 100	33.2	76.7	9 500	42.0	81.0	8 100	54.0
56.0										11.6	61.9	10 500	28.2	73.3	9 100	38.1	78.5	7 600	56.0
58.0													22.2	68.9	8 600	33.8	75.7	7 200	58.0
60.0													13.9	62.6	8 100	28.9	72.4	6 800	60.0
62.0																23.1	68.2	6 400	62.0
64.0																15.2	62.3	6 000	64.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A with
Boom No. 57
99 740 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

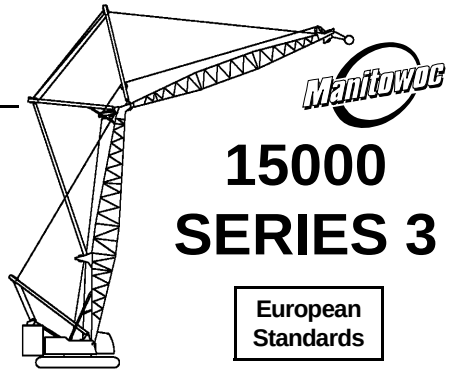
Maximum Operating Wind Speeds
(all boom lengths)

13 m/s with 21.3m thru 33.5m Luffing Jib
11 m/s with 36.6m thru 42.7m Luffing Jib
9 m/s with 45.7m thru 51.8m Luffing Jib
7 m/s with 54.9m thru 67.1m Luffing Jib
5 m/s with 70.1m and 73.2m Luffing Jib



51.5m (169 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			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
16.8	75.3	101.0	23 200*													16.8
18.0	73.8	100.6	23 000*													18.0
20.0	71.3	100.0	22 800*	73.5	100.5	26 600*										20.0
22.0	68.8	99.2	22 300*	71.1	99.8	26 400*										22.0
24.0	66.3	98.4	21 600*	68.6	99.1	26 100*										24.0
26.0	63.7	97.4	21 100*	66.0	98.2	25 000*	69.4	99.0	25 900							26.0
28.0	61.0	96.4	20 300*	63.4	97.2	23 600*	66.9	98.2	25 400							28.0
30.0	58.3	95.2	18 800*	60.7	96.2	22 200*	64.3	97.3	23 500							30.0
32.0	55.4	93.9	17 600*	58.0	94.9	20 800*	61.6	96.2	21 900	65.1	97.2	20 400				32.0
34.0	52.5	92.4	16 300*	55.1	93.6	19 400*	58.9	95.1	20 500	62.5	96.2	19 100				34.0
36.0	49.5	90.7	15 200*	52.2	92.1	18 100*	56.1	93.8	19 200	59.8	95.0	17 800				36.0
38.0	46.3	88.9	14 200*	49.1	90.4	16 900*	53.2	92.3	18 100	57.0	93.8	16 700				38.0
40.0	42.9	86.8	13 300*	45.9	88.6	15 800*	50.2	90.7	17 000	54.2	92.4	15 700	60.3	94.2	13 800	40.0
42.0	39.3	84.5	12 400*	42.5	86.5	14 700*	47.0	88.9	16 000	51.2	90.8	14 900	57.6	93.0	12 900	42.0
44.0	35.4	81.8	11 700*	38.9	84.1	13 800*	43.7	86.9	15 200	48.1	89.1	14 000	54.7	91.6	12 100	44.0
46.0	31.0	78.7	11 000*	34.9	81.4	12 900*	40.2	84.7	14 400	44.8	87.2	13 200	51.8	90.1	11 500	46.0
48.0	26.0	75.0	10 500*	30.5	78.2	12 100*	36.3	82.1	13 600	41.4	85.0	12 500	48.7	88.4	10 800	48.0
50.0	19.9	70.1	10 100*	25.5	74.4	11 500*	32.1	79.1	12 900	37.6	82.6	11 900	45.5	86.5	10 200	50.0
52.0				19.1	69.4	11 000*	27.3	75.5	12 300	33.6	79.7	11 300	42.0	84.4	9 700	52.0
54.0							21.5	71.0	11 700	29.0	76.3	10 700	38.4	82.0	9 100	54.0
56.0							13.5	64.5	10 800	23.6	72.2	10 200	34.4	79.2	8 700	56.0
58.0										16.6	66.6	9 700	29.9	76.0	8 200	58.0
60.0													24.7	72.0	7 800	60.0
62.0													18.1	66.8	7 400	62.0
64.0													6.7	57.3	6 900	64.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A with
Boom No. 57
99 740 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speeds (all boom lengths)		
13 m/s with 21.3m thru 33.5m Luffing Jib		
11 m/s with 36.6m thru 42.7m Luffing Jib		
9 m/s with 45.7m thru 51.8m Luffing Jib		
7 m/s with 54.9m thru 67.1m Luffing Jib		
5 m/s with 70.1m and 73.2m Luffing Jib		

51.5m (169 Ft.) Boom, 51.8m (170 Ft.) Luffing Jib

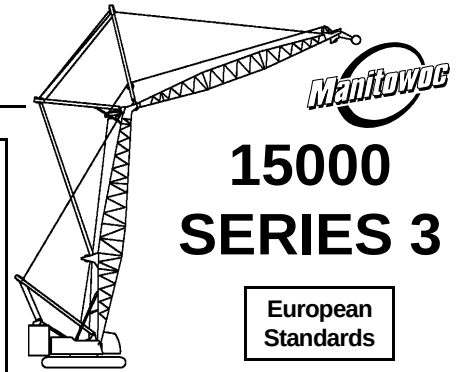
Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
18.3	74.4	103.7	21 300*													18.3
20.0	72.5	103.2	21 100*													20.0
22.0	70.1	102.5	20 700*	72.2	103.0	24 300*										22.0
24.0	67.7	101.7	20 300*	69.9	102.3	24 100*										24.0
26.0	65.3	100.8	19 900*	67.5	101.5	23 700*	70.7	102.3	23 700*							26.0
28.0	62.9	99.8	19 400*	65.1	100.6	22 500*	68.3	101.5	23 700*							28.0
30.0	60.3	98.7	18 200*	62.6	99.6	21 300*	65.9	100.7	23 000							30.0
32.0	57.7	97.5	17 000*	60.1	98.5	20 000*	63.4	99.7	21 500	66.7	100.5	20 000				32.0
34.0	55.1	96.2	15 900*	57.5	97.3	18 800*	60.9	98.6	20 100	64.3	99.6	18 700				34.0
36.0	52.3	94.7	14 800*	54.8	95.9	17 600*	58.4	97.4	18 800	61.8	98.5	17 500				36.0
38.0	49.4	93.0	13 900*	52.0	94.4	16 500*	55.7	96.1	17 700	59.2	97.4	16 400				38.0
40.0	46.4	91.2	13 000*	49.1	92.7	15 400*	53.0	94.6	16 600	56.6	96.1	15 400	62.2	97.7	13 400	40.0
42.0	43.3	89.2	12 200*	46.1	90.9	14 500*	50.1	93.0	15 700	53.9	94.7	14 500	59.7	96.6	12 500	42.0
44.0	39.9	86.9	11 400*	42.9	88.8	13 500*	47.2	91.2	14 800	51.1	93.1	13 700	57.1	95.3	11 800	44.0
46.0	36.3	84.3	10 700*	39.6	86.5	12 700*	44.0	89.2	14 000	48.2	91.4	12 900	54.4	93.9	11 100	46.0
48.0	32.3	81.3	10 200*	35.9	83.9	12 000*	40.7	87.0	13 300	45.1	89.5	12 200	51.6	92.4	10 500	48.0
50.0	27.9	77.8	9 700*	31.9	80.8	11 300*	37.2	84.5	12 600	41.9	87.4	11 600	48.7	90.7	9 900	50.0
52.0	22.6	73.5	9 300*	27.4	77.3	10 700*	33.3	81.6	12 000	38.4	84.9	11 000	45.7	88.8	9 300	52.0
54.0	15.7	67.6	9 000*	22.0	72.8	10 200*	29.0	78.3	11 400	34.6	82.2	10 400	42.5	86.7	8 800	54.0
56.0				14.8	66.7	9 500*	23.9	74.2	10 800	30.5	79.0	9 900	39.1	84.4	8 300	56.0
58.0							17.6	68.8	10 300	25.7	75.2	9 400	35.4	81.7	7 900	58.0
60.0										19.9	70.3	8 900	31.3	78.6	7 500	60.0
62.0										11.5	63.0	8 500	26.7	74.9	7 100	62.0
64.0													21.1	70.3	6 800	64.0
66.0													13.5	63.7	6 400	66.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A with
Boom No. 57
99 740 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

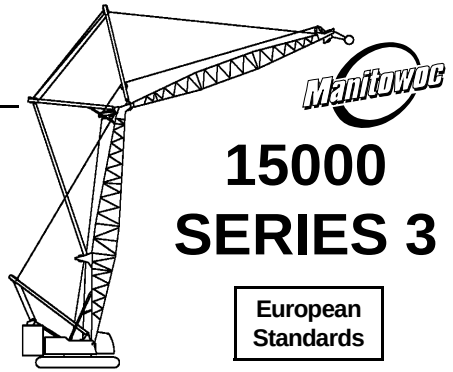
Maximum Operating Wind Speeds
(all boom lengths)

13 m/s with 21.3m thru 33.5m Luffing Jib
11 m/s with 36.6m thru 42.7m Luffing Jib
9 m/s with 45.7m thru 51.8m Luffing Jib
7 m/s with 54.9m thru 67.1m Luffing Jib
5 m/s with 70.1m and 73.2m Luffing Jib



51.5m (169 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	106.9	19 600*													18.3
20.0	73.5	106.4	19 400*													20.0
22.0	71.3	105.7	19 200*	73.2	106.2	22 300*										22.0
24.0	69.0	105.0	18 800*	71.0	105.6	22 200*										24.0
26.0	66.8	104.2	18 500*	68.8	104.8	22 000*										26.0
28.0	64.5	103.3	17 900*	66.5	104.0	21 400*	69.6	104.8	21 700*							28.0
30.0	62.1	102.2	17 400*	64.2	103.1	20 300*	67.3	104.0	21 700*							30.0
32.0	59.7	101.1	16 400*	61.9	102.0	19 200*	65.0	103.1	21 000							32.0
34.0	57.3	99.9	15 400*	59.5	100.9	18 200*	62.7	102.1	19 600	65.8	102.9	18 200				34.0
36.0	54.7	98.5	14 400*	57.0	99.6	17 100*	60.3	101.0	18 300	63.5	102.0	17 000				36.0
38.0	52.1	97.0	13 500*	54.5	98.2	16 100*	57.9	99.8	17 200	61.1	100.9	15 900				38.0
40.0	49.4	95.3	12 600*	51.9	96.7	15 100*	55.3	98.4	16 200	58.7	99.7	14 900				40.0
42.0	46.6	93.5	11 900*	49.1	95.0	14 100*	52.8	96.9	15 300	56.2	98.4	14 100	61.5	100.1	12 100	42.0
44.0	43.6	91.5	11 200*	46.3	93.2	13 300*	50.1	95.3	14 400	53.6	97.0	13 200	59.1	98.9	11 400	44.0
46.0	40.5	89.2	10 500*	43.3	91.1	12 400*	47.3	93.5	13 600	51.0	95.4	12 500	56.7	97.7	10 700	46.0
48.0	37.1	86.7	9 900*	40.1	88.9	11 700*	44.3	91.6	12 900	48.2	93.7	11 800	54.1	96.3	10 100	48.0
50.0	33.5	83.8	9 400*	36.7	86.3	11 100*	41.2	89.4	12 200	45.3	91.8	11 200	51.5	94.7	9 500	50.0
52.0	29.4	80.5	8 900*	33.1	83.4	10 400*	37.9	86.9	11 600	42.3	89.7	10 600	48.7	93.0	8 900	52.0
54.0	24.7	76.5	8 500*	28.9	80.0	9 900*	34.3	84.1	11 000	39.0	87.3	10 000	45.9	91.2	8 400	54.0
56.0	19.0	71.4	8 300*	24.2	75.9	9 400*	30.4	80.9	10 400	35.6	84.7	9 500	42.9	89.1	7 900	56.0
58.0				18.3	70.7	8 900*	25.9	77.1	10 000	31.8	81.6	9 000	39.7	86.8	7 500	58.0
60.0							20.5	72.4	9 500	27.5	78.0	8 600	36.2	84.2	7 100	60.0
62.0							13.1	65.6	8 600	22.4	73.7	8 100	32.5	81.2	6 700	62.0
64.0										16.0	67.8	7 800	28.3	77.7	6 300	64.0
66.0													23.5	73.5	6 000	66.0
68.0													17.4	68.0	5 700	68.0
70.0													7.2	58.5	5 400	70.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A with
Boom No. 57
99 740 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speeds (all boom lengths)	
13 m/s with 21.3m thru 33.5m Luffing Jib	
11 m/s with 36.6m thru 42.7m Luffing Jib	
9 m/s with 45.7m thru 51.8m Luffing Jib	
7 m/s with 54.9m thru 67.1m Luffing Jib	
5 m/s with 70.1m and 73.2m Luffing Jib	

**15000
SERIES 3**

European
Standards

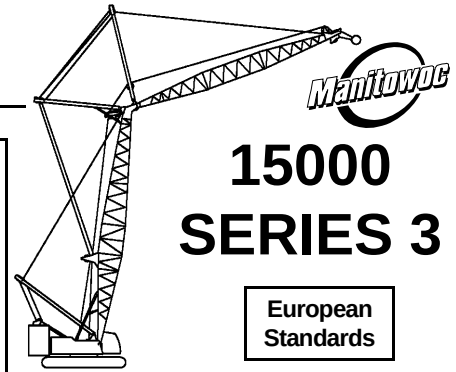
51.5m (169 Ft.) Boom, 57.9m (190 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
19.8	74.6	109.6	17 900*										19.8
20.0	74.4	109.6	17 900*										20.0
22.0	72.3	109.0	17 700*										22.0
24.0	70.2	108.3	17 500*	72.1	108.8	20 400*							24.0
26.0	68.1	107.5	17 200*	70.0	108.1	20 300*							26.0
28.0	65.9	106.6	16 900*	67.8	107.3	20 000*							28.0
30.0	63.7	105.7	16 500*	65.7	106.4	19 300*	68.6	107.3	19 800*				30.0
32.0	61.5	104.6	15 800*	63.5	105.4	18 400*	66.4	106.4	19 800*				32.0
34.0	59.2	103.5	14 900*	61.3	104.4	17 400*	64.2	105.5	19 400	67.1	106.3	17 900	34.0
36.0	56.9	102.2	14 000*	59.0	103.2	16 500*	62.0	104.5	18 100	65.0	105.4	16 700	36.0
38.0	54.4	100.8	13 100*	56.6	101.9	15 600*	59.7	103.3	17 000	62.8	104.4	15 700	38.0
40.0	52.0	99.3	12 300*	54.2	100.5	14 700*	57.4	102.1	16 000	60.5	103.3	14 700	40.0
42.0	49.4	97.6	11 600*	51.7	99.0	13 800*	55.0	100.7	15 000	58.2	102.1	13 800	42.0
44.0	46.7	95.8	10 900*	49.1	97.3	13 000*	52.6	99.2	14 100	55.8	100.8	13 000	44.0
46.0	43.9	93.8	10 300*	46.4	95.5	12 200*	50.0	97.6	13 400	53.4	99.3	12 300	46.0
48.0	41.0	91.6	9 700*	43.6	93.5	11 500*	47.4	95.8	12 700	50.9	97.7	11 600	48.0
50.0	37.8	89.1	9 100*	40.6	91.2	10 800*	44.6	93.9	12 000	48.2	96.0	10 900	50.0
52.0	34.4	86.3	8 700*	37.5	88.7	10 200*	41.7	91.7	11 400	45.5	94.1	10 300	52.0
54.0	30.7	83.2	8 200*	34.1	85.9	9 700*	38.6	89.3	10 800	42.7	92.0	9 800	54.0
56.0	26.5	79.4	7 900*	30.3	82.7	9 200*	35.3	86.6	10 200	39.6	89.7	9 300	56.0
58.0	21.6	74.9	7 600*	26.1	78.9	8 800*	31.6	83.5	9 700	36.4	87.1	8 800	58.0
60.0	15.2	68.7	7 300*	21.0	74.2	8 300*	27.6	80.0	9 300	32.9	84.2	8 400	60.0
62.0				14.4	67.8	7 500*	22.9	75.6	8 800	29.0	80.8	7 900	62.0
64.0							16.9	70.0	8 300	24.5	76.7	7 500	64.0
66.0										19.1	71.6	7 200	66.0
68.0										11.3	64.1	6 800	68.0

Liftcrane Luffing Jib Capacities

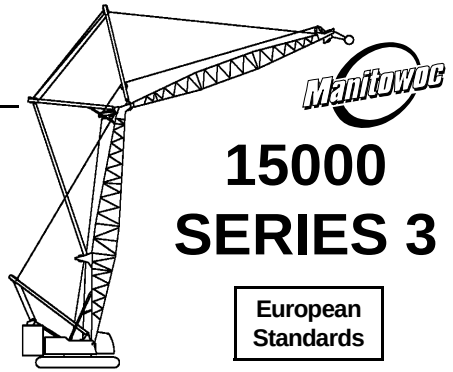
Luffing Jib No. 149A with
Boom No. 57
99 740 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speeds (all boom lengths)		
13 m/s with 21.3m thru 33.5m Luffing Jib		
11 m/s with 36.6m thru 42.7m Luffing Jib		
9 m/s with 45.7m thru 51.8m Luffing Jib		
7 m/s with 54.9m thru 67.1m Luffing Jib		
5 m/s with 70.1m and 73.2m Luffing Jib		



51.5m (169 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			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib 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	112.8	16 500*										19.8
20.0	75.2	112.7	16 500*										20.0
22.0	73.2	112.2	16 300*										22.0
24.0	71.2	111.5	16 100*										24.0
26.0	69.2	110.8	15 900*	71.0	111.3	18 600*							26.0
28.0	67.2	110.0	15 700*	69.0	110.6	18 400*							28.0
30.0	65.1	109.1	15 400*	67.0	109.8	18 200*	69.7	110.6	18 100*				30.0
32.0	63.0	108.1	15 000*	64.9	108.8	17 500*	67.7	109.7	18 000*				32.0
34.0	60.9	107.0	14 300*	62.8	107.8	16 600*	65.6	108.9	17 900*				34.0
36.0	58.7	105.8	13 500*	60.7	106.8	15 800*	63.5	107.9	17 600	66.3	108.7	16 300	36.0
38.0	56.5	104.5	12 700*	58.5	105.6	15 000*	61.4	106.8	16 500	64.2	107.8	15 200	38.0
40.0	54.2	103.1	12 000*	56.2	104.3	14 200*	59.2	105.7	15 500	62.1	106.8	14 200	40.0
42.0	51.8	101.6	11 300*	53.9	102.9	13 400*	57.0	104.4	14 600	60.0	105.7	13 400	42.0
44.0	49.4	99.9	10 600*	51.6	101.3	12 600*	54.7	103.1	13 800	57.8	104.4	12 600	44.0
46.0	46.8	98.1	10 000*	49.1	99.6	11 900*	52.4	101.6	13 000	55.5	103.1	11 900	46.0
48.0	44.2	96.1	9 500*	46.6	97.8	11 300*	50.0	99.9	12 300	53.2	101.6	11 200	48.0
50.0	41.4	93.9	9 000*	43.9	95.8	10 600*	47.4	98.2	11 600	50.8	100.1	10 600	50.0
52.0	38.4	91.5	8 500*	41.1	93.6	10 000*	44.8	96.2	11 000	48.3	98.3	10 000	52.0
54.0	35.3	88.8	8 000*	38.1	91.1	9 500*	42.1	94.1	10 400	45.7	96.4	9 400	54.0
56.0	31.8	85.7	7 600*	34.9	88.4	9 000*	39.2	91.7	9 900	43.0	94.4	8 900	56.0
58.0	28.0	82.2	7 300*	31.5	85.3	8 500*	36.0	89.1	9 400	40.1	92.1	8 400	58.0
60.0	23.7	78.0	7 000*	27.6	81.7	8 100*	32.7	86.1	8 900	37.1	89.5	8 000	60.0
62.0	18.3	72.7	6 700*	23.2	77.4	7 500*	29.0	82.7	8 400	33.8	86.7	7 600	62.0
64.0	10.6	64.7	5 800*	17.7	71.9	7 000*	24.8	78.7	8 000	30.2	83.4	7 200	64.0
66.0							19.7	73.7	7 600	26.2	79.7	6 800	66.0
68.0							12.9	66.7	6 700*	21.5	75.1	6 400	68.0
70.0										15.5	68.9	6 100	70.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A with
Boom No. 57
99 740 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speeds (all boom lengths)	
13 m/s with 21.3m thru 33.5m Luffing Jib	
11 m/s with 36.6m thru 42.7m Luffing Jib	
9 m/s with 45.7m thru 51.8m Luffing Jib	
7 m/s with 54.9m thru 67.1m Luffing Jib	
5 m/s with 70.1m and 73.2m Luffing Jib	

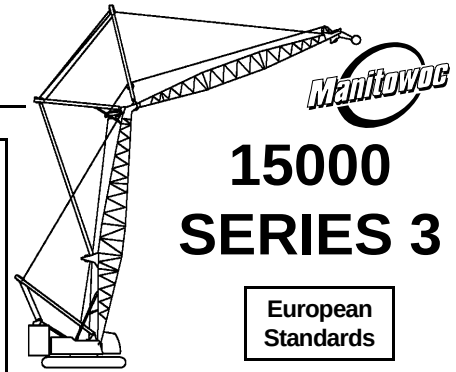
51.5m (169 Ft.) Boom, 64.0m (210 Ft.) Luffing Jib

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.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
21.3	74.6	115.5	15 100*										21.3
22.0	74.0	115.3	15 000*										22.0
24.0	72.2	114.7	14 900*										24.0
26.0	70.3	114.0	14 700*	72.0	114.5	17 100*							26.0
28.0	68.3	113.3	14 500*	70.1	113.8	16 900*							28.0
30.0	66.4	112.4	14 300*	68.1	113.1	16 800*							30.0
32.0	64.4	111.5	14 100*	66.2	112.2	16 600*	68.8	113.0	16 500*				32.0
34.0	62.4	110.5	13 700*	64.2	111.3	15 900*	66.9	112.2	16 400*				34.0
36.0	60.4	109.4	13 000*	62.2	110.2	15 100*	64.9	111.3	16 300*				36.0
38.0	58.3	108.2	12 300*	60.2	109.1	14 400*	62.9	110.3	16 100	65.5	111.2	14 800	38.0
40.0	56.1	106.8	11 600*	58.1	107.9	13 700*	60.9	109.2	15 200	63.6	110.2	13 900	40.0
42.0	53.9	105.4	11 000*	55.9	106.6	13 000*	58.8	108.0	14 300	61.5	109.2	13 100	42.0
44.0	51.7	103.9	10 300*	53.7	105.2	12 300*	56.6	106.8	13 400	59.5	108.0	12 300	44.0
46.0	49.4	102.2	9 800*	51.4	103.6	11 700*	54.5	105.4	12 600	57.4	106.8	11 500	46.0
48.0	46.9	100.4	9 200*	49.1	101.9	11 000*	52.2	103.9	11 900	55.2	105.4	10 900	48.0
50.0	44.4	98.4	8 700*	46.7	100.1	10 400*	49.9	102.2	11 300	53.0	103.9	10 200	50.0
52.0	41.8	96.3	8 300*	44.2	98.1	9 800*	47.5	100.4	10 600	50.7	102.3	9 700	52.0
54.0	39.0	93.9	7 800*	41.5	95.9	9 300*	45.0	98.5	10 100	48.3	100.6	9 100	54.0
56.0	36.0	91.3	7 500*	38.7	93.5	8 800*	42.4	96.4	9 600	45.9	98.7	8 600	56.0
58.0	32.8	88.3	7 100*	35.7	90.8	8 400*	39.7	94.1	9 000	43.3	96.7	8 100	58.0
60.0	29.3	84.9	6 800*	32.5	87.9	7 800*	36.8	91.5	8 600	40.6	94.4	7 700	60.0
62.0	25.4	81.0	6 500*	29.0	84.4	7 300*	33.6	88.6	8 200	37.7	91.9	7 300	62.0
64.0	20.8	76.2	6 000*	25.0	80.4	6 800*	30.2	85.4	7 800	34.7	89.2	6 900	64.0
66.0	14.8	69.9	5 500*	20.2	75.6	6 400*	26.4	81.6	7 300	31.4	86.1	6 500	66.0
68.0				14.0	68.9	5 700*	21.9	77.1	7 000	27.7	82.5	6 200	68.0
70.0							16.4	71.2	6 400	23.5	78.2	5 800	70.0
72.0										18.4	72.9	5 500	72.0
74.0										11.2	65.2	5 200	74.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A with
Boom No. 57
99 740 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speeds (all boom lengths)		
13 m/s with 21.3m thru 33.5m Luffing Jib		
11 m/s with 36.6m thru 42.7m Luffing Jib		
9 m/s with 45.7m thru 51.8m Luffing Jib		
7 m/s with 54.9m thru 67.1m Luffing Jib		
5 m/s with 70.1m and 73.2m Luffing Jib		



**15000
SERIES 3**

European
Standards

51.5m (169 Ft.) Boom, 67.1m (220 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	
21.3	75.4	118.7	13 900*							21.3
22.0	74.8	118.5	13 800*							22.0
24.0	73.0	117.9	13 700*							24.0
26.0	71.2	117.3	13 500*	72.8	117.7	15 700*				26.0
28.0	69.4	116.5	13 400*	71.0	117.1	15 500*				28.0
30.0	67.5	115.7	13 200*	69.2	116.3	15 400*				30.0
32.0	65.7	114.9	13 000*	67.3	115.5	15 200*	69.8	116.3	15 000*	32.0
34.0	63.8	113.9	12 700*	65.5	114.7	15 000*	68.0	115.5	14 900*	34.0
36.0	61.8	112.9	12 400*	63.6	113.7	14 400*	66.1	114.7	14 800*	36.0
38.0	59.9	111.7	11 800*	61.6	112.6	13 800*	64.2	113.7	14 800*	38.0
40.0	57.9	110.5	11 200*	59.7	111.5	13 100*	62.3	112.7	14 600	40.0
42.0	55.8	109.2	10 600*	57.7	110.2	12 500*	60.3	111.6	13 900	42.0
44.0	53.7	107.7	10 000*	55.6	108.9	11 900*	58.4	110.4	13 000	44.0
46.0	51.6	106.2	9 500*	53.5	107.5	11 300*	56.3	109.1	12 300	46.0
48.0	49.3	104.5	9 000*	51.3	105.9	10 700*	54.2	107.7	11 600	48.0
50.0	47.0	102.7	8 500*	49.1	104.2	10 100*	52.1	106.2	10 900	50.0
52.0	44.6	100.8	8 000*	46.8	102.4	9 600*	49.9	104.5	10 300	52.0
54.0	42.1	98.6	7 600*	44.4	100.4	9 100*	47.6	102.7	9 700	54.0
56.0	39.5	96.3	7 300*	41.9	98.3	8 600*	45.2	100.8	9 200	56.0
58.0	36.7	93.7	6 900*	39.2	95.9	8 100*	42.7	98.7	8 700	58.0
60.0	33.7	90.8	6 600*	36.4	93.3	7 600*	40.1	96.4	8 200	60.0
62.0	30.5	87.6	6 200*	33.4	90.4	7 000*	37.4	93.9	7 800	62.0
64.0	26.9	83.9	5 800*	30.1	87.1	6 600*	34.4	91.1	7 400	64.0
66.0	22.7	79.5	5 300*	26.5	83.3	6 100*	31.3	88.0	7 000	66.0
68.0	17.7	74.0	4 900*	22.3	78.9	5 700*	27.8	84.4	6 600	68.0
70.0	10.6	65.8	4 200*	17.1	73.2	5 300*	23.8	80.2	6 300	70.0
72.0							19.0	75.0	5 800*	72.0
74.0							12.6	67.8	5 000*	74.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A with
Boom No. 57
99 740 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speeds (all boom lengths)		
13 m/s with 21.3m thru 33.5m Luffing Jib		
11 m/s with 36.6m thru 42.7m Luffing Jib		
9 m/s with 45.7m thru 51.8m Luffing Jib		
7 m/s with 54.9m thru 67.1m Luffing Jib		
5 m/s with 70.1m and 73.2m Luffing Jib		

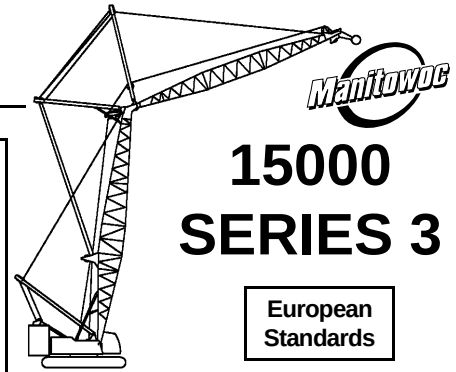
51.5m (169 Ft.) Boom, 70.1m (230 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
22.9	74.7	121.4	12 800*							22.9
24.0	73.8	121.1	12 700*							24.0
26.0	72.0	120.5	12 600*	73.6	120.9	14 600*				26.0
28.0	70.3	119.8	12 500*	71.9	120.3	14 500*				28.0
30.0	68.6	119.0	12 200*	70.1	119.6	14 400*				30.0
32.0	66.8	118.2	12 000*	68.4	118.8	14 200*	70.7	119.6	14 100*	32.0
34.0	65.0	117.3	11 800*	66.6	118.0	14 100*	69.0	118.8	14 000*	34.0
36.0	63.2	116.3	11 700*	64.8	117.1	13 500*	67.2	118.0	14 000*	36.0
38.0	61.3	115.2	11 200*	63.0	116.1	13 000*	65.4	117.1	13 900*	38.0
40.0	59.4	114.1	10 600*	61.1	115.0	12 400*	63.6	116.1	13 800*	40.0
42.0	57.5	112.8	10 100*	59.2	113.8	11 900*	61.8	115.1	13 600	42.0
44.0	55.5	111.5	9 600*	57.3	112.6	11 300*	59.9	113.9	12 700	44.0
46.0	53.5	110.1	9 100*	55.3	111.2	10 800*	58.0	112.7	12 000	46.0
48.0	51.5	108.5	8 600*	53.3	109.8	10 200*	56.0	111.4	11 300	48.0
50.0	49.3	106.8	8 200*	51.2	108.2	9 700*	54.0	110.0	10 600	50.0
52.0	47.1	105.0	7 800*	49.1	106.5	9 300*	51.9	108.5	10 000	52.0
54.0	44.8	103.1	7 400*	46.9	104.7	8 800*	49.8	106.8	9 500	54.0
56.0	42.4	100.9	7 000*	44.6	102.7	8 300*	47.6	105.1	8 900	56.0
58.0	40.0	98.6	6 600*	42.2	100.6	7 900*	45.4	103.1	8 500	58.0
60.0	37.3	96.1	6 400*	39.7	98.3	7 400*	43.0	101.1	8 000	60.0
62.0	34.5	93.3	6 000*	37.0	95.7	6 900*	40.6	98.8	7 600	62.0
64.0	31.5	90.2	5 600*	34.2	92.9	6 400*	38.0	96.3	7 200	64.0
66.0	28.2	86.7	5 200*	31.2	89.7	6 000*	35.2	93.6	6 800	66.0
68.0	24.4	82.6	4 800*	27.8	86.2	5 500*	32.2	90.6	6 400	68.0
70.0	20.0	77.6	4 400*	24.0	82.0	5 100*	29.0	87.1	6 000	70.0
72.0	14.4	71.0	4 000*	19.5	76.9	4 800*	25.4	83.2	5 700	72.0
74.0				13.7	70.0	4 200*	21.2	78.4	5 400*	74.0
76.0							15.9	72.4	4 700*	76.0

Liftcrane Luffing Jib Capacities

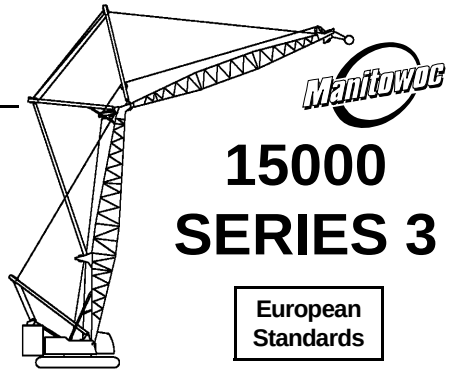
Luffing Jib No. 149A with
Boom No. 57
99 740 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speeds (all boom lengths)		
13 m/s with 21.3m thru 33.5m Luffing Jib		
11 m/s with 36.6m thru 42.7m Luffing Jib		
9 m/s with 45.7m thru 51.8m Luffing Jib		
7 m/s with 54.9m thru 67.1m Luffing Jib		
5 m/s with 70.1m and 73.2m Luffing Jib		



51.5m (169 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	75.7	124.7	11 500*							22.9
24.0	74.7	124.4	11 400*							24.0
26.0	73.1	123.8	11 300*							26.0
28.0	71.5	123.2	11 200*	72.9	123.6	12 900*				28.0
30.0	69.8	122.4	11 000*	71.3	123.0	12 800*				30.0
32.0	68.1	121.7	10 900*	69.6	122.2	12 700*				32.0
34.0	66.4	120.8	10 800*	67.9	121.4	12 600*	70.2	122.2	12 400*	34.0
36.0	64.7	119.9	10 600*	66.2	120.6	12 500*	68.5	121.4	12 400*	36.0
38.0	62.9	118.9	10 500*	64.5	119.7	12 300*	66.8	120.6	12 300*	38.0
40.0	61.2	117.8	10 300*	62.8	118.7	11 800*	65.1	119.7	12 200*	40.0
42.0	59.3	116.7	9 800*	61.0	117.6	11 400*	63.4	118.7	12 100*	42.0
44.0	57.5	115.4	9 300*	59.2	116.4	10 900*	61.6	117.7	12 100*	44.0
46.0	55.6	114.1	8 900*	57.3	115.2	10 400*	59.8	116.5	11 700	46.0
48.0	53.7	112.6	8 400*	55.4	113.8	9 900*	57.9	115.3	10 900	48.0
50.0	51.7	111.1	8 000*	53.5	112.4	9 500*	56.1	114.0	10 300	50.0
52.0	49.7	109.4	7 600*	51.5	110.8	9 000*	54.1	112.6	9 700	52.0
54.0	47.6	107.7	7 200*	49.5	109.1	8 600*	52.2	111.1	9 200	54.0
56.0	45.4	105.7	6 900*	47.4	107.3	8 200*	50.2	109.4	8 600	56.0
58.0	43.2	103.7	6 600*	45.2	105.4	7 800*	48.1	107.7	8 100	58.0
60.0	40.8	101.4	6 200*	42.9	103.3	7 200*	45.9	105.8	7 700	60.0
62.0	38.3	99.0	5 900*	40.5	101.1	6 700*	43.7	103.8	7 300	62.0
64.0	35.7	96.3	5 400*	38.1	98.6	6 300*	41.4	101.6	6 800	64.0
66.0	32.9	93.3	5 000*	35.4	95.9	5 800*	38.9	99.2	6 400	66.0
68.0	29.9	90.0	4 600*	32.6	92.9	5 400*	36.3	96.5	6 100	68.0
70.0	26.5	86.2	4 200*	29.5	89.5	5 000*	33.6	93.6	5 800	70.0
72.0	22.7	81.8	3 900*	26.1	85.7	4 600*	30.6	90.4	5 400	72.0
74.0	18.1	76.3	3 500*	22.3	81.2	4 200*	27.3	86.7	5 100	74.0
76.0	12.0	68.7	3 000*	17.6	75.6	3 900*	23.7	82.5	4 800	76.0
78.0				11.2	67.6	3 100*	19.3	77.3	4 500*	78.0
80.0							13.7	70.5	3 700*	80.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A with
Boom No. 57
99 740 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speeds (all boom lengths)		
13 m/s with 21.3m thru 33.5m Luffing Jib		
11 m/s with 36.6m thru 42.7m Luffing Jib		
9 m/s with 45.7m thru 51.8m Luffing Jib		
7 m/s with 54.9m thru 67.1m Luffing Jib		
5 m/s with 70.1m and 73.2m Luffing Jib		

54.5m (179 Ft.) Boom, 21.3m (70 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
13.7	64.3	76.0	45 000*b																			13.7
14.0	63.5	75.8	44 800*b																			14.0
16.0	57.2	74.7	42 800*b																			16.0
18.0	50.5	73.1	41 300*	56.9	74.4	47 700b																18.0
20.0	42.9	71.2	38 400*	50.1	72.9	43 100	59.5	74.7	40 700b													20.0
22.0	34.1	68.6	35 000*	42.5	70.9	38 500*	53.0	73.3	37 200b	62.1	74.7	35 000b										22.0
24.0	22.3	64.7	32 100*	33.6	68.3	34 700*	45.8	71.5	34 100	55.7	73.4	32 100b										24.0
26.0							37.6	69.2	31 500	48.8	71.8	29 600										26.0
28.0							27.2	65.9	29 300	41.1	69.8	27 400	57.8	72.8	24 700b							28.0
30.0										31.8	66.9	25 600	51.1	71.3	22 900							30.0
32.0										18.7	62.5	24 000	43.7	69.4	21 400							32.0
34.0													35.0	66.9	20 000	52.9	70.2	17 800b				34.0
36.0													23.6	63.1	18 800	45.7	68.4	16 700				36.0
38.0																37.4	66.1	15 600				38.0
40.0																27.0	62.8	14 700	47.1	66.9	12 900	40.0
42.0																			39.0	64.7	12 100	42.0
44.0																			29.2	61.6	11 300	44.0

54.5m (179 Ft.) Boom, 24.4m (80 Ft.) Luffing Jib

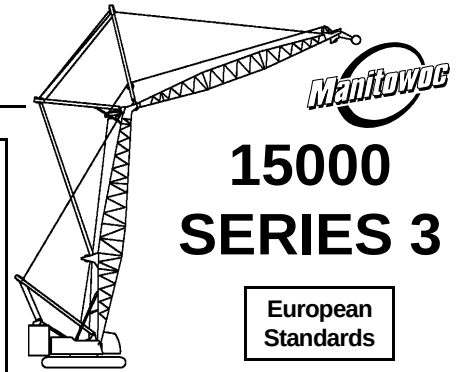
Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib 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	67.7	79.3	41 900*b																			13.7
14.0	67.0	79.2	41 600*b																			14.0
16.0	61.7	78.2	39 900*b																			16.0
18.0	56.2	77.0	38 400*	61.5	78.0	46 400b																18.0
20.0	50.3	75.4	36 700*	55.9	76.8	42 300	63.7	78.2	39 900b													20.0
22.0	43.7	73.5	33 200*	50.0	75.2	38 300*	58.3	77.0	36 400b	65.8	78.1	34 300b										22.0
24.0	36.3	71.0	30 300*	43.4	73.3	34 400*	52.5	75.6	33 400	60.5	77.1	31 400b										24.0
26.0	27.1	67.7	28 200*	35.9	70.8	31 200*	46.2	73.8	30 900	54.9	75.8	29 000										26.0
28.0				26.5	67.3	28 500*	39.2	71.6	28 700	48.9	74.1	26 800										28.0
30.0							30.8	68.6	26 700	42.2	72.1	25 000	56.7	75.1	22 300							30.0
32.0							19.2	64.2	25 100	34.4	69.5	23 400	50.8	73.6	20 800							32.0
34.0										24.6	65.8	21 900	44.4	71.7	19 500							34.0
36.0													37.0	69.3	18 300	52.4	72.5	16 100				36.0
38.0													28.0	66.1	17 200	46.1	70.8	15 100				38.0
40.0																39.0	68.5	14 200				40.0
42.0																30.6	65.5	13 400	47.3	69.2	11 600	42.0
44.0																18.9	61.0	12 600	40.4	67.1	10 900	44.0
46.0																			32.3	64.3	10 200	46.0
48.0																			21.6	60.2	9 600	48.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A with
Boom No. 57
99 740 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

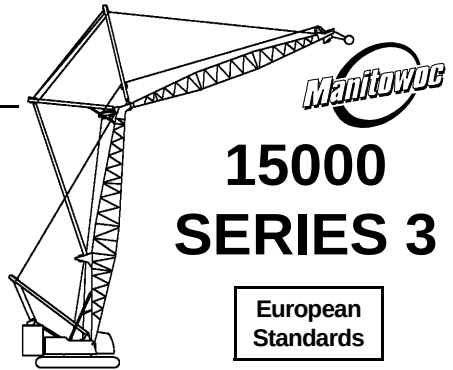
Maximum Operating Wind Speeds
(all boom lengths)

13 m/s with 21.3m thru 33.5m Luffing Jib
11 m/s with 36.6m thru 42.7m Luffing Jib
9 m/s with 45.7m thru 51.8m Luffing Jib
7 m/s with 54.9m thru 67.1m Luffing Jib
5 m/s with 70.1m and 73.2m Luffing Jib



54.5m (179 Ft.) Boom, 27.4m (90 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
13.7	70.3	82.6	39 000*b																			13.7
14.0	69.7	82.5	38 800*b																			14.0
16.0	65.1	81.7	37 300*b																			16.0
18.0	60.4	80.6	36 000*	64.9	81.5	43 800*b																18.0
20.0	55.4	79.3	34 700*	60.2	80.4	41 100*	66.8	81.6	39 200b													20.0
22.0	50.1	77.7	31 900*	55.2	79.1	37 600*	62.2	80.6	35 800b													22.0
24.0	44.4	75.8	29 100*	49.8	77.5	34 200*	57.3	79.4	32 900	64.1	80.5	30 900b										24.0
26.0	37.9	73.5	26 700*	44.0	75.6	31 000*	52.1	77.9	30 300	59.3	79.4	28 400										26.0
28.0	30.3	70.4	24 700*	37.5	73.2	28 300*	46.5	76.1	28 200	54.3	78.1	26 400										28.0
30.0	20.2	66.0	23 200*	29.8	70.1	25 900*	40.4	74.0	26 200	48.9	76.4	24 500										30.0
32.0				19.5	65.6	23 900*	33.3	71.2	24 500	43.0	74.4	22 900	55.9	77.4	20 400							32.0
34.0							24.4	67.4	23 100	36.3	72.0	21 500	50.6	75.9	19 100							34.0
36.0										28.3	68.7	20 200	44.9	74.0	17 900							36.0
38.0										17.1	63.7	19 100	38.5	71.7	16 800	52.0	74.8	14 700				38.0
40.0													31.0	68.7	15 900	46.4	73.1	13 900				40.0
42.0													21.3	64.5	15 000	40.3	70.9	13 100				42.0
44.0																33.1	68.1	12 400	47.5	71.6	10 600	44.0
46.0																24.2	64.3	11 600	41.5	69.4	10 000	46.0
48.0																			34.5	66.8	9 400	48.0
50.0																			26.0	63.3	8 800	50.0



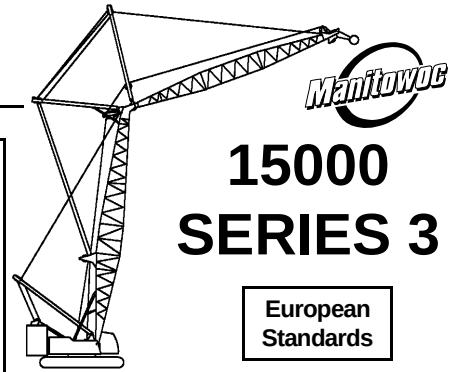
Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A with
Boom No. 57
99 740 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speeds (all boom lengths)	
13 m/s with 21.3m thru 33.5m Luffing Jib	
11 m/s with 36.6m thru 42.7m Luffing Jib	
9 m/s with 45.7m thru 51.8m Luffing Jib	
7 m/s with 54.9m thru 67.1m Luffing Jib	
5 m/s with 70.1m and 73.2m Luffing Jib	

54.5m (179 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	85.8	36 100*b																			13.7
14.0	71.8	85.8	35 900*b																			14.0
16.0	67.8	85.0	34 800*b																			16.0
18.0	63.6	84.1	33 600*	67.6	84.8	40 700*b																18.0
20.0	59.3	82.9	32 500*	63.4	83.9	39 300*	69.3	84.9	38 400b													20.0
22.0	54.8	81.6	30 900*	59.1	82.7	36 200*	65.2	84.0	35 000													22.0
24.0	50.0	80.0	28 200*	54.6	81.4	33 200*	60.9	82.9	32 200													24.0
26.0	44.8	78.1	25 800*	49.8	79.8	30 400*	56.5	81.7	29 700	62.7	82.9	27 800										26.0
28.0	39.1	75.9	23 700*	44.6	77.9	27 900*	51.8	80.2	27 500	58.3	81.8	25 700										28.0
30.0	32.6	73.0	22 000*	38.8	75.6	25 800*	46.8	78.4	25 600	53.8	80.4	23 900										30.0
32.0	24.5	69.2	20 600*	32.2	72.7	23 700*	41.3	76.3	24 000	48.9	78.7	22 400	59.7	81.1	19 800							32.0
34.0				24.1	68.9	21 900*	35.1	73.7	22 500	43.6	76.8	21 000	55.2	79.8	18 500							34.0
36.0							27.8	70.3	21 200	37.8	74.4	19 700	50.5	78.2	17 400							36.0
38.0							17.7	65.4	20 000	31.0	71.4	18 600	45.3	76.3	16 300							38.0
40.0										22.4	67.3	17 500	39.7	74.1	15 400	51.7	77.1	13 400				40.0
42.0													33.2	71.3	14 500	46.7	75.4	12 600				42.0
44.0													25.4	67.7	13 700	41.2	73.2	11 900				44.0
46.0																35.0	70.6	11 200	47.7	73.8	9 500	46.0
48.0																27.6	67.2	10 600	42.3	71.8	8 900	48.0
50.0																17.5	62.2	9 900	36.2	69.3	8 500	50.0
52.0																			29.1	66.1	7 900	52.0
54.0																			19.7	61.5	7 400	54.0



Liftcrane Luffing Jib Capacities

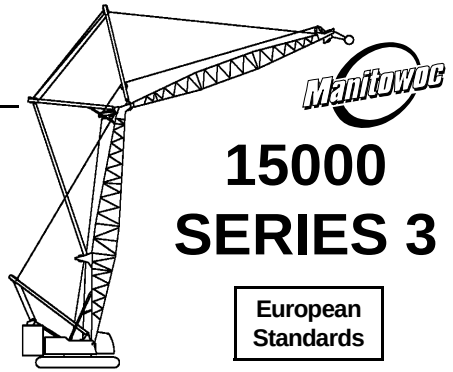
Luffing Jib No. 149A with
Boom No. 57
99 740 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speeds
(all boom lengths)

13 m/s with 21.3m thru 33.5m Luffing Jib
11 m/s with 36.6m thru 42.7m Luffing Jib
9 m/s with 45.7m thru 51.8m Luffing Jib
7 m/s with 54.9m thru 67.1m Luffing Jib
5 m/s with 70.1m and 73.2m Luffing Jib

54.5m (179 Ft.) Boom, 33.5m (110 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
13.7	74.0	89.1	33 500*(b)																			13.7
14.0	73.5	89.0	33 300*(b)																			14.0
16.0	69.9	88.3	32 400*(b)																			16.0
18.0	66.2	87.4	31 400*	69.7	88.1	38 200*																18.0
20.0	62.4	86.4	30 300*	66.0	87.3	36 900*																20.0
22.0	58.4	85.3	29 200*	62.2	86.3	34 600*	67.6	87.3	34 600													22.0
24.0	54.3	83.9	27 200*	58.2	85.1	32 000*	63.8	86.4	31 700													24.0
26.0	49.9	82.3	24 900*	54.1	83.7	29 500*	59.9	85.3	29 300	65.4	86.3	27 400										26.0
28.0	45.2	80.4	22 900*	49.7	82.1	27 100*	55.8	84.0	27 200	61.5	85.3	25 400										28.0
30.0	40.1	78.2	21 100*	45.0	80.2	24 900*	51.6	82.5	25 300	57.5	84.1	23 600										30.0
32.0	34.4	75.5	19 600*	39.9	78.0	23 000*	47.0	80.7	23 700	53.3	82.7	22 100	62.7	84.6	19 500							32.0
34.0	27.6	72.1	18 400*	34.1	75.3	21 300*	42.1	78.7	22 200	48.9	81.0	20 700	58.8	83.4	18 300							34.0
36.0	18.7	67.3	17 500*	27.2	71.8	19 900*	36.6	76.2	20 900	44.1	79.1	19 400	54.7	82.1	17 100							36.0
38.0				18.1	66.8	18 800*	30.3	73.1	19 700	38.9	76.8	18 300	50.3	80.5	16 100							38.0
40.0							22.4	68.9	18 600	33.0	74.0	17 300	45.7	78.7	15 200	55.8	80.9	13 200				40.0
42.0										25.9	70.3	16 300	40.6	76.5	14 300	51.5	79.4	12 400				42.0
44.0										16.0	64.9	15 500	34.9	73.8	13 500	46.9	77.7	11 700				44.0
46.0													28.3	70.5	12 800	42.0	75.6	11 000	52.3	77.9	9 300	46.0
48.0													19.7	65.8	12 100	36.5	73.1	10 400	47.8	76.2	8 800	48.0
50.0																30.1	70.0	9 800	42.9	74.1	8 300	50.0
52.0																22.2	65.8	9 300	37.6	71.7	7 800	52.0
54.0																			31.4	68.7	7 400	54.0
56.0																			23.9	64.8	6 900	56.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A with
Boom No. 57
99 740 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speeds (all boom lengths)	
13 m/s with 21.3m thru 33.5m Luffing Jib	
11 m/s with 36.6m thru 42.7m Luffing Jib	
9 m/s with 45.7m thru 51.8m Luffing Jib	
7 m/s with 54.9m thru 67.1m Luffing Jib	
5 m/s with 70.1m and 73.2m Luffing Jib	

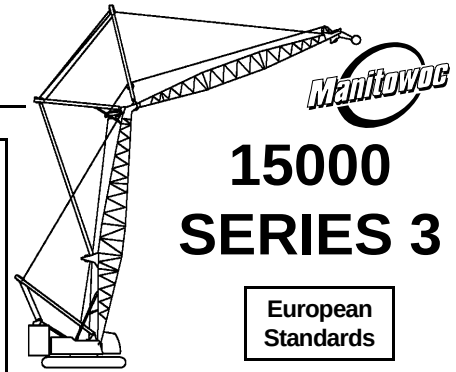
54.5m (179 Ft.) Boom, 36.6m (120 Ft.) Luffing Jib

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			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib 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	92.2	30 900*(b)																13.7
14.0	74.9	92.1	30 800*(b)																14.0
16.0	71.7	91.5	30 100*(b)																16.0
18.0	68.3	90.8	29 200*	71.5	91.4	35 100*													18.0
20.0	64.9	89.9	28 600*	68.1	90.6	34 400*													20.0
22.0	61.3	88.8	27 700*	64.7	89.7	33 100*	69.5	90.6	33 700										22.0
24.0	57.7	87.6	26 200*	61.2	88.7	30 700*	66.1	89.8	31 100										24.0
26.0	53.9	86.2	24 000*	57.5	87.4	28 400*	62.7	88.8	28 700	67.5	89.7	26 800							26.0
28.0	49.8	84.6	22 200*	53.7	86.0	26 300*	59.0	87.7	26 600	64.1	88.8	24 800							28.0
30.0	45.6	82.8	20 500*	49.6	84.4	24 200*	55.3	86.3	24 700	60.5	87.7	23 100							30.0
32.0	40.9	80.6	19 000*	45.3	82.5	22 400*	51.3	84.8	23 100	56.8	86.4	21 500							32.0
34.0	35.8	78.0	17 600*	40.7	80.3	20 700*	47.2	83.1	21 700	53.0	85.0	20 100	61.7	86.9	17 700				34.0
36.0	29.9	74.8	16 500*	35.5	77.7	19 200*	42.7	81.0	20 300	48.9	83.3	18 900	58.0	85.8	16 600				36.0
38.0	22.7	70.7	15 700*	29.6	74.5	17 900*	37.8	78.6	19 200	44.6	81.4	17 800	54.2	84.4	15 600				38.0
40.0				22.3	70.3	16 900*	32.2	75.7	18 100	39.8	79.2	16 800	50.2	82.8	14 700				40.0
42.0							25.6	71.9	17 200	34.6	76.5	15 900	46.0	81.0	13 800	55.2	83.3	11 900	42.0
44.0							16.7	66.6	16 300	28.5	73.1	15 000	41.4	78.8	13 000	51.3	81.7	11 200	44.0
46.0										20.8	68.6	14 300	36.3	76.3	12 300	47.1	80.0	10 500	46.0
48.0													30.5	73.2	11 700	42.6	77.9	9 900	48.0
50.0													23.5	69.2	11 100	37.7	75.5	9 400	50.0
52.0																32.1	72.6	8 900	52.0
54.0																25.5	68.8	8 400	54.0
56.0																16.4	63.4	8 000	56.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A with
Boom No. 57
99 740 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speeds (all boom lengths)	
13 m/s with 21.3m thru 33.5m Luffing Jib	
11 m/s with 36.6m thru 42.7m Luffing Jib	
9 m/s with 45.7m thru 51.8m Luffing Jib	
7 m/s with 54.9m thru 67.1m Luffing Jib	
5 m/s with 70.1m and 73.2m Luffing Jib	



54.5m (179 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			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
15.2	74.3	94.9	28 200*(b)																15.2
16.0	73.1	94.7	28 000*(b)																16.0
18.0	70.1	94.0	27 200*																18.0
20.0	66.9	93.2	26 700*	69.9	93.9	32 000*													20.0
22.0	63.7	92.3	25 700*	66.8	93.1	31 200*													22.0
24.0	60.4	91.2	25 000*	63.6	92.1	29 400*	68.1	93.1	30 500										24.0
26.0	57.0	90.0	23 300*	60.3	91.0	27 300*	64.9	92.2	28 200										26.0
28.0	53.5	88.5	21 500*	56.9	89.8	25 400*	61.7	91.2	26 100	66.2	92.1	24 400							28.0
30.0	49.8	86.9	19 900*	53.3	88.3	23 600*	58.3	90.0	24 300	63.0	91.2	22 600							30.0
32.0	45.8	85.1	18 400*	49.6	86.7	21 800*	54.8	88.7	22 700	59.7	90.0	21 100							32.0
34.0	41.6	82.9	17 100*	45.6	84.8	20 200*	51.2	87.1	21 300	56.3	88.8	19 700							34.0
36.0	37.0	80.4	15 900*	41.4	82.7	18 800*	47.3	85.3	20 000	52.7	87.3	18 500	60.7	89.3	16 200				36.0
38.0	31.8	77.5	14 900*	36.7	80.2	17 500*	43.2	83.3	18 800	48.9	85.6	17 400	57.4	88.1	15 200				38.0
40.0	25.7	73.7	14 100*	31.5	77.2	16 300*	38.7	81.0	17 800	44.9	83.7	16 400	53.8	86.7	14 300				40.0
42.0	17.6	68.5	13 600*	25.3	73.4	15 400*	33.8	78.2	16 800	40.6	81.5	15 500	50.1	85.1	13 400				42.0
44.0				17.1	68.1	14 700*	28.1	74.8	15 900	35.9	78.9	14 700	46.2	83.3	12 700	54.7	85.6	10 900	44.0
46.0							20.9	70.3	15 100	30.5	75.8	13 900	42.0	81.2	12 000	51.1	84.1	10 200	46.0
48.0										24.1	71.8	13 200	37.4	78.7	11 400	47.2	82.3	9 600	48.0
50.0										15.2	66.1	12 600	32.3	75.8	10 700	43.1	80.3	9 100	50.0
52.0													26.3	72.1	10 200	38.7	77.9	8 600	52.0
54.0													18.5	67.1	9 700	33.7	75.1	8 100	54.0
56.0																27.9	71.7	7 700	56.0
58.0																20.8	67.1	7 300	58.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A with
Boom No. 57
99 740 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speeds (all boom lengths)	
13 m/s with 21.3m thru 33.5m Luffing Jib	
11 m/s with 36.6m thru 42.7m Luffing Jib	
9 m/s with 45.7m thru 51.8m Luffing Jib	
7 m/s with 54.9m thru 67.1m Luffing Jib	
5 m/s with 70.1m and 73.2m Luffing Jib	

**15000
SERIES 3**

European
Standards

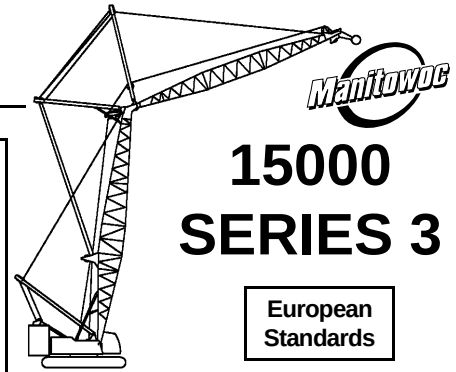
54.5m (179 Ft.) Boom, 42.7m (140 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Elev. m	Luffing Jib Capacity Kilograms	
15.2	75.4	98.1	26 100*													15.2
16.0	74.4	97.9	25 900*													16.0
18.0	71.5	97.3	25 400*													18.0
20.0	68.7	96.5	24 700*	71.4	97.1	29 700*										20.0
22.0	65.7	95.7	24 100*	68.5	96.4	29 200*										22.0
24.0	62.7	94.7	23 500*	65.6	95.5	28 000*										24.0
26.0	59.7	93.6	22 400*	62.6	94.5	26 200*	66.8	95.6	27 600							26.0
28.0	56.5	92.3	20 800*	59.5	93.4	24 500*	63.9	94.6	25 600							28.0
30.0	53.2	90.8	19 300*	56.3	92.1	22 800*	60.8	93.6	23 800	65.1	94.6	22 100				30.0
32.0	49.7	89.2	17 900*	53.0	90.7	21 200*	57.7	92.3	22 200	62.1	93.6	20 600				32.0
34.0	46.1	87.4	16 600*	49.5	89.0	19 700*	54.4	91.0	20 800	59.0	92.4	19 200				34.0
36.0	42.2	85.3	15 500*	45.9	87.2	18 300*	51.0	89.4	19 500	55.8	91.1	18 000				36.0
38.0	38.0	82.9	14 400*	42.0	85.0	17 000*	47.4	87.7	18 300	52.4	89.6	16 900	60.0	91.7	14 700	38.0
40.0	33.3	80.0	13 500*	37.7	82.6	15 900*	43.6	85.7	17 300	48.9	87.9	16 000	56.8	90.4	13 800	40.0
42.0	27.9	76.6	12 800*	33.0	79.7	14 900*	39.6	83.4	16 300	45.2	86.1	15 000	53.5	89.0	13 000	42.0
44.0	21.3	72.1	12 300*	27.6	76.2	14 000*	35.1	80.7	15 400	41.3	83.9	14 200	50.0	87.4	12 200	44.0
46.0				21.0	71.7	13 300*	30.0	77.5	14 700	37.0	81.4	13 500	46.4	85.6	11 600	46.0
48.0							24.0	73.5	13 900	32.2	78.4	12 800	42.5	83.5	10 900	48.0
50.0							15.9	67.8	13 300	26.6	74.8	12 100	38.4	81.1	10 300	50.0
52.0										19.6	70.0	11 600	33.7	78.3	9 800	52.0
54.0													28.4	74.9	9 300	54.0
56.0													22.0	70.6	8 800	56.0

Liftcrane Luffing Jib Capacities

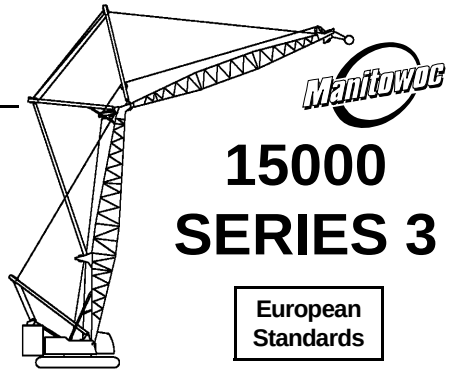
Luffing Jib No. 149A with
Boom No. 57
99 740 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speeds (all boom lengths)	
13 m/s with 21.3m thru 33.5m Luffing Jib	
11 m/s with 36.6m thru 42.7m Luffing Jib	
9 m/s with 45.7m thru 51.8m Luffing Jib	
7 m/s with 54.9m thru 67.1m Luffing Jib	
5 m/s with 70.1m and 73.2m Luffing Jib	



54.5m (179 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			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
16.8	74.4	100.9	23 800*													16.8
18.0	72.8	100.5	23 500*													18.0
20.0	70.2	99.8	23 000*	72.7	100.3	27 300*										20.0
22.0	67.5	99.0	22 600*	70.0	99.6	27 000*										22.0
24.0	64.7	98.1	21 800*	67.3	98.8	26 500*										24.0
26.0	61.9	97.1	21 600*	64.6	97.9	25 100*	68.5	98.9	26 600							26.0
28.0	59.0	95.9	20 200*	61.7	96.9	23 700*	65.7	98.0	25 300							28.0
30.0	56.0	94.6	18 800*	58.8	95.7	22 200*	62.9	97.0	23 400							30.0
32.0	52.9	93.2	17 500*	55.9	94.4	20 700*	60.1	95.9	21 900	64.1	97.0	20 300				32.0
34.0	49.7	91.5	16 300*	52.7	92.9	19 300*	57.1	94.7	20 500	61.2	95.9	19 000				34.0
36.0	46.3	89.7	15 200*	49.5	91.3	18 000*	54.1	93.3	19 200	58.3	94.7	17 800				36.0
38.0	42.7	87.6	14 200*	46.1	89.5	16 800*	50.9	91.7	18 100	55.3	93.4	16 700				38.0
40.0	38.8	85.2	13 300*	42.5	87.4	15 700*	47.5	90.0	17 000	52.2	91.9	15 700	59.3	94.0	13 600	40.0
42.0	34.5	82.5	12 400*	38.6	85.0	14 700*	44.0	88.0	16 100	48.9	90.2	14 800	56.3	92.8	12 800	42.0
44.0	29.8	79.3	11 800*	34.3	82.2	13 800*	40.2	85.7	15 200	45.5	88.4	14 000	53.2	91.3	12 000	44.0
46.0	24.1	75.2	11 200*	29.5	79.0	13 000*	36.1	83.1	14 400	41.8	86.2	13 200	50.0	89.7	11 300	46.0
48.0	16.8	69.7	10 900*	23.8	74.9	12 300*	31.6	80.1	13 700	37.9	83.8	12 500	46.6	87.9	10 700	48.0
50.0				16.3	69.3	11 900*	26.3	76.4	13 000	33.5	80.9	11 900	43.0	85.8	10 100	50.0
52.0							19.8	71.6	12 400	28.6	77.6	11 300	39.1	83.5	9 600	52.0
54.0										22.7	73.3	10 800	34.9	80.8	9 100	54.0
56.0										14.6	67.2	10 300	30.2	77.6	8 600	56.0
58.0													24.7	73.7	8 200	58.0
60.0													17.6	68.4	7 800	60.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A with
Boom No. 57
99 740 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speeds (all boom lengths)	
13 m/s with 21.3m thru 33.5m Luffing Jib	
11 m/s with 36.6m thru 42.7m Luffing Jib	
9 m/s with 45.7m thru 51.8m Luffing Jib	
7 m/s with 54.9m thru 67.1m Luffing Jib	
5 m/s with 70.1m and 73.2m Luffing Jib	

54.5m (179 Ft.) Boom, 48.8m (160 Ft.) Luffing Jib

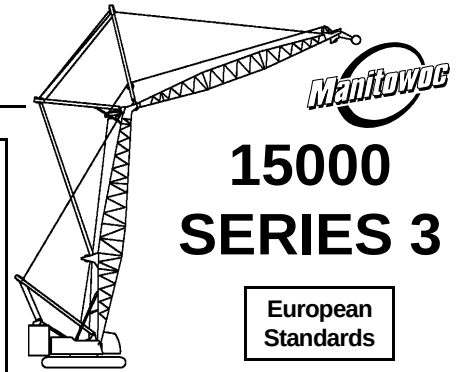
Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib 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	104.0	22 000*													16.8
18.0	73.9	103.7	21 800*													18.0
20.0	71.4	103.0	21 500*													20.0
22.0	68.9	102.3	21 100*	71.3	102.9	25 000*										22.0
24.0	66.4	101.4	20 600*	68.8	102.1	24 700*										24.0
26.0	63.8	100.5	20 100*	66.3	101.3	23 900*	69.9	102.1	24 400*							26.0
28.0	61.1	99.4	19 400*	63.7	100.3	22 600*	67.3	101.3	24 200							28.0
30.0	58.4	98.3	18 200*	61.0	99.3	21 300*	64.8	100.4	23 000							30.0
32.0	55.6	96.9	16 900*	58.3	98.1	20 000*	62.1	99.4	21 400	65.8	100.4	19 800				32.0
34.0	52.7	95.5	15 800*	55.4	96.7	18 700*	59.4	98.3	20 000	63.2	99.4	18 500				34.0
36.0	49.6	93.8	14 800*	52.5	95.3	17 500*	56.6	97.0	18 700	60.5	98.3	17 300				36.0
38.0	46.4	92.0	13 800*	49.5	93.6	16 400*	53.8	95.6	17 600	57.8	97.1	16 200				38.0
40.0	43.1	89.9	12 900*	46.3	91.8	15 300*	50.8	94.0	16 600	54.9	95.7	15 200	61.4	97.6	13 100	40.0
42.0	39.5	87.6	12 100*	42.9	89.7	14 300*	47.6	92.3	15 700	52.0	94.2	14 400	58.7	96.4	12 300	42.0
44.0	35.6	85.0	11 400*	39.3	87.4	13 400*	44.3	90.3	14 800	48.9	92.5	13 500	55.8	95.1	11 600	44.0
46.0	31.3	81.9	10 800*	35.4	84.7	12 600*	40.8	88.1	14 000	45.7	90.7	12 800	52.9	93.6	10 900	46.0
48.0	26.3	78.2	10 300*	31.0	81.6	11 900*	37.1	85.6	13 300	42.3	88.6	12 100	49.9	92.0	10 300	48.0
50.0	20.3	73.4	9 900*	26.0	77.9	11 300*	32.9	82.7	12 600	38.6	86.2	11 500	46.7	90.2	9 700	50.0
52.0				19.9	73.0	10 800*	28.2	79.2	12 000	34.7	83.4	10 900	43.4	88.2	9 200	52.0
54.0							22.7	74.9	11 400	30.2	80.2	10 400	39.8	85.9	8 700	54.0
56.0							15.3	68.9	10 900	25.1	76.3	9 900	36.0	83.3	8 200	56.0
58.0										18.6	71.2	9 400	31.7	80.2	7 800	58.0
60.0													26.8	76.6	7 400	60.0
62.0													20.9	72.0	7 000	62.0
64.0													12.4	65.1	6 700	64.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A with
Boom No. 57
99 740 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

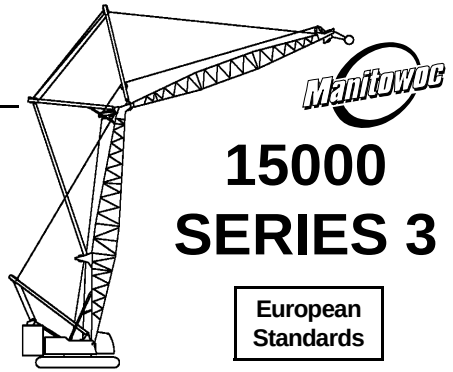
Maximum Operating Wind Speeds
(all boom lengths)

13 m/s with 21.3m thru 33.5m Luffing Jib
11 m/s with 36.6m thru 42.7m Luffing Jib
9 m/s with 45.7m thru 51.8m Luffing Jib
7 m/s with 54.9m thru 67.1m Luffing Jib
5 m/s with 70.1m and 73.2m Luffing Jib



54.5m (179 Ft.) Boom, 51.8m (170 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
18.3	74.6	106.8	20 100*													18.3
20.0	72.6	106.2	19 900*													20.0
22.0	70.2	105.6	19 500*	72.5	106.1	23 100*										22.0
24.0	67.9	104.8	19 100*	70.1	105.4	22 900*										24.0
26.0	65.4	103.9	18 700*	67.7	104.6	22 600*										26.0
28.0	63.0	102.9	18 300*	65.3	103.7	21 500*	68.7	104.6	22 400*							28.0
30.0	60.5	101.8	17 600*	62.9	102.7	20 400*	66.3	103.8	22 200							30.0
32.0	57.9	100.6	16 400*	60.3	101.6	19 300*	63.9	102.8	21 000	67.3	103.7	19 400				32.0
34.0	55.2	99.2	15 400*	57.7	100.4	18 100*	61.4	101.8	19 600	64.9	102.8	18 100				34.0
36.0	52.5	97.8	14 400*	55.1	99.1	17 000*	58.8	100.6	18 400	62.4	101.8	16 900				36.0
38.0	49.6	96.1	13 500*	52.3	97.6	16 000*	56.2	99.3	17 200	59.9	100.7	15 900				38.0
40.0	46.6	94.3	12 600*	49.4	95.9	15 000*	53.5	97.9	16 200	57.3	99.4	14 900				40.0
42.0	43.4	92.3	11 800*	46.4	94.1	14 000*	50.7	96.3	15 300	54.6	98.0	14 000	60.7	99.9	12 000	42.0
44.0	40.1	90.0	11 100*	43.3	92.0	13 200*	47.7	94.6	14 500	51.8	96.5	13 200	58.1	98.7	11 300	44.0
46.0	36.5	87.4	10 500*	39.9	89.7	12 400*	44.6	92.6	13 700	48.9	94.8	12 500	55.5	97.4	10 600	46.0
48.0	32.6	84.5	9 900*	36.3	87.2	11 700*	41.4	90.4	12 900	45.9	93.0	11 800	52.7	95.9	10 000	48.0
50.0	28.1	81.0	9 500*	32.3	84.2	11 100*	37.9	88.0	12 300	42.7	90.9	11 200	49.9	94.3	9 400	50.0
52.0	22.9	76.7	9 100*	27.9	80.7	10 400*	34.0	85.2	11 600	39.3	88.6	10 600	46.9	92.5	8 800	52.0
54.0	16.1	70.9	8 900*	22.6	76.3	10 000*	29.8	81.9	11 100	35.6	85.9	10 000	43.7	90.5	8 400	54.0
56.0				15.7	70.4	9 600*	24.9	78.0	10 600	31.6	82.8	9 500	40.4	88.2	7 900	56.0
58.0							18.9	72.9	10 100	27.0	79.2	9 000	36.8	85.7	7 500	58.0
60.0										21.6	74.7	8 600	32.9	82.8	7 100	60.0
62.0										14.2	68.3	8 200	28.5	79.4	6 700	62.0
64.0													23.4	75.2	6 300	64.0
66.0													16.8	69.6	6 000	66.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A with
Boom No. 57
99 740 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speeds (all boom lengths)	
13 m/s with 21.3m thru 33.5m Luffing Jib	
11 m/s with 36.6m thru 42.7m Luffing Jib	
9 m/s with 45.7m thru 51.8m Luffing Jib	
7 m/s with 54.9m thru 67.1m Luffing Jib	
5 m/s with 70.1m and 73.2m Luffing Jib	

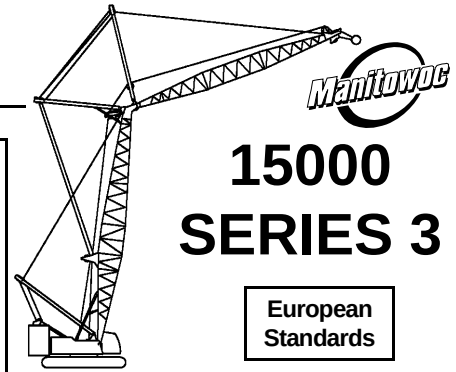
54.5m (179 Ft.) Boom, 54.9m (180 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
18.3	75.4	109.9	18 600*										18.3
20.0	73.6	109.4	18 400*										20.0
22.0	71.4	108.8	18 200*										22.0
24.0	69.2	108.1	17 900*	71.3	108.6	21 100*							24.0
26.0	66.9	107.2	17 600*	69.0	107.9	20 900*							26.0
28.0	64.6	106.3	17 100*	66.8	107.1	20 500*	70.0	107.9	20 600*				28.0
30.0	62.3	105.3	16 800*	64.5	106.1	19 500*	67.7	107.1	20 600*				30.0
32.0	59.9	104.2	15 800*	62.1	105.1	18 500*	65.5	106.2	20 500				32.0
34.0	57.4	102.9	14 800*	59.7	104.0	17 400*	63.1	105.2	19 100	66.4	106.2	17 600	34.0
36.0	54.9	101.6	13 900*	57.3	102.7	16 500*	60.7	104.2	17 900	64.1	105.2	16 400	36.0
38.0	52.3	100.1	13 100*	54.7	101.4	15 500*	58.3	103.0	16 800	61.7	104.2	15 400	38.0
40.0	49.6	98.4	12 300*	52.1	99.9	14 600*	55.8	101.7	15 800	59.3	103.0	14 500	40.0
42.0	46.7	96.6	11 500*	49.4	98.2	13 700*	53.2	100.2	14 900	56.8	101.7	13 600	42.0
44.0	43.8	94.6	10 800*	46.6	96.4	12 900*	50.6	98.6	14 000	54.3	100.4	12 800	44.0
46.0	40.6	92.4	10 200*	43.6	94.4	12 100*	47.8	96.9	13 300	51.7	98.8	12 100	46.0
48.0	37.3	89.8	9 700*	40.5	92.1	11 400*	44.9	94.9	12 500	48.9	97.1	11 400	48.0
50.0	33.7	87.0	9 100*	37.1	89.6	10 800*	41.8	92.8	11 900	46.1	95.3	10 800	50.0
52.0	29.6	83.7	8 700*	33.5	86.7	10 200*	38.5	90.4	11 300	43.1	93.2	10 200	52.0
54.0	25.0	79.8	8 400*	29.4	83.4	9 700*	35.0	87.7	10 700	39.9	90.9	9 700	54.0
56.0	19.4	74.7	8 100*	24.7	79.4	9 200*	31.2	84.5	10 200	36.5	88.3	9 200	56.0
58.0				19.0	74.3	8 700*	26.8	80.9	9 700	32.8	85.4	8 700	58.0
60.0							21.6	76.3	9 200	28.6	82.0	8 200	60.0
62.0							14.8	70.1	8 700	23.9	77.9	7 800	62.0
64.0										17.9	72.5	7 400	64.0

Liftcrane Luffing Jib Capacities

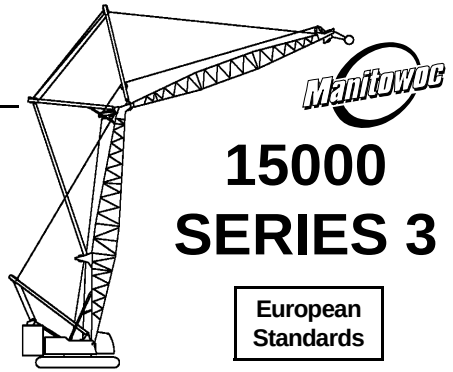
Luffing Jib No. 149A with
Boom No. 57
99 740 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speeds (all boom lengths)	
13 m/s with 21.3m thru 33.5m Luffing Jib	
11 m/s with 36.6m thru 42.7m Luffing Jib	
9 m/s with 45.7m thru 51.8m Luffing Jib	
7 m/s with 54.9m thru 67.1m Luffing Jib	
5 m/s with 70.1m and 73.2m Luffing Jib	



54.5m (179 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			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
19.8	74.7	112.7	17 100*										19.8
20.0	74.5	112.6	17 000*										20.0
22.0	72.4	112.0	16 800*										22.0
24.0	70.3	111.3	16 600*	72.3	111.8	19 400*							24.0
26.0	68.2	110.5	16 200*	70.2	111.2	19 300*							26.0
28.0	66.0	109.7	16 000*	68.1	110.4	19 100*							28.0
30.0	63.8	108.7	15 700*	65.9	109.5	18 500*	69.0	110.4	18 900*				30.0
32.0	61.6	107.7	15 200*	63.7	108.6	17 600*	66.8	109.6	18 800*				32.0
34.0	59.3	106.5	14 300*	61.5	107.5	16 700*	64.6	108.7	18 600				34.0
36.0	57.0	105.3	13 500*	59.2	106.3	15 900*	62.4	107.6	17 700	65.5	108.6	16 200	36.0
38.0	54.6	103.9	12 700*	56.9	105.1	15 000*	60.2	106.5	16 500	63.3	107.6	15 100	38.0
40.0	52.1	102.4	11 900*	54.5	103.7	14 200*	57.8	105.3	15 600	61.1	106.5	14 200	40.0
42.0	49.5	100.7	11 200*	52.0	102.2	13 400*	55.5	104.0	14 600	58.8	105.4	13 300	42.0
44.0	46.9	98.9	10 600*	49.4	100.5	12 600*	53.0	102.5	13 800	56.4	104.1	12 500	44.0
46.0	44.1	96.9	10 000*	46.7	98.7	11 900*	50.5	100.9	13 000	54.0	102.7	11 800	46.0
48.0	41.1	94.7	9 400*	43.9	96.7	11 200*	47.9	99.2	12 300	51.5	101.1	11 200	48.0
50.0	38.0	92.2	8 900*	41.0	94.5	10 600*	45.1	97.2	11 700	48.9	99.4	10 600	50.0
52.0	34.6	89.5	8 500*	37.8	92.0	10 000*	42.2	95.1	11 100	46.2	97.6	10 000	52.0
54.0	30.9	86.3	8 000*	34.4	89.2	9 400*	39.2	92.8	10 500	43.4	95.6	9 400	54.0
56.0	26.8	82.6	7 700*	30.7	86.0	9 000*	35.9	90.1	9 900	40.4	93.3	8 900	56.0
58.0	21.9	78.1	7 500*	26.5	82.3	8 600*	32.3	87.1	9 500	37.2	90.8	8 500	58.0
60.0	15.6	72.1	7 200*	21.6	77.7	8 100*	28.3	83.6	9 000	33.8	87.9	8 000	60.0
62.0				15.2	71.6	7 500*	23.8	79.5	8 600	30.0	84.7	7 600	62.0
64.0							18.1	74.2	8 200	25.7	80.8	7 300	64.0
66.0										20.6	76.1	6 900	66.0
68.0										13.8	69.5	6 500	68.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A with
Boom No. 57
99 740 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speeds (all boom lengths)		
13 m/s with 21.3m thru 33.5m Luffing Jib		
11 m/s with 36.6m thru 42.7m Luffing Jib		
9 m/s with 45.7m thru 51.8m Luffing Jib		
7 m/s with 54.9m thru 67.1m Luffing Jib		
5 m/s with 70.1m and 73.2m Luffing Jib		

54.5m (179 Ft.) Boom, 61.0m (200 Ft.) Luffing Jib

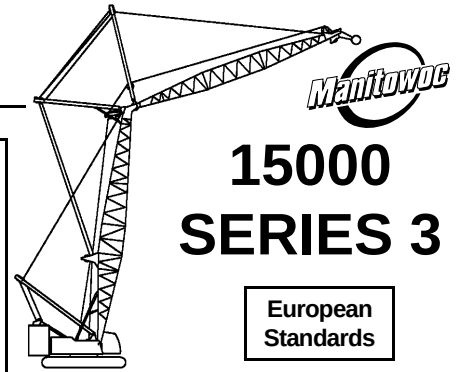
Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
19.8	75.4	115.8	15 700*										19.8
20.0	75.3	115.8	15 700*										20.0
22.0	73.3	115.2	15 600*										22.0
24.0	71.3	114.6	15 400*										24.0
26.0	69.3	113.8	15 200*	71.2	114.4	17 800*							26.0
28.0	67.3	113.0	14 900*	69.2	113.7	17 600*							28.0
30.0	65.2	112.1	14 700*	67.2	112.8	17 400*							30.0
32.0	63.1	111.1	14 400*	65.1	111.9	16 800*	68.0	112.9	17 200*				32.0
34.0	61.0	110.1	13 700*	63.0	111.0	16 000*	66.0	112.0	17 200*				34.0
36.0	58.8	108.9	13 000*	60.9	109.9	15 200*	63.9	111.1	17 000	66.8	111.9	15 700	36.0
38.0	56.6	107.6	12 300*	58.7	108.7	14 500*	61.8	110.0	16 100	64.8	111.0	14 700	38.0
40.0	54.3	106.2	11 600*	56.5	107.4	13 700*	59.6	108.9	15 100	62.7	110.0	13 800	40.0
42.0	51.9	104.7	10 900*	54.2	106.0	12 900*	57.4	107.7	14 200	60.5	108.9	12 900	42.0
44.0	49.5	103.0	10 300*	51.8	104.5	12 200*	55.2	106.3	13 400	58.3	107.7	12 100	44.0
46.0	47.0	101.2	9 700*	49.4	102.8	11 600*	52.8	104.8	12 600	56.1	106.4	11 400	46.0
48.0	44.3	99.2	9 200*	46.8	101.0	10 900*	50.4	103.2	11 900	53.8	105.0	10 800	48.0
50.0	41.5	97.1	8 700*	44.2	99.0	10 300*	47.9	101.5	11 300	51.4	103.4	10 100	50.0
52.0	38.6	94.7	8 300*	41.4	96.8	9 700*	45.3	99.6	10 600	48.9	101.7	9 600	52.0
54.0	35.4	92.0	7 800*	38.4	94.4	9 200*	42.6	97.4	10 100	46.4	99.9	9 100	54.0
56.0	32.0	88.9	7 500*	35.3	91.7	8 800*	39.7	95.1	9 600	43.7	97.9	8 600	56.0
58.0	28.2	85.4	7 100*	31.8	88.6	8 400*	36.6	92.6	9 100	40.9	95.7	8 100	58.0
60.0	23.9	81.3	6 900*	28.0	85.1	7 800*	33.3	89.7	8 600	37.9	93.2	7 700	60.0
62.0	18.6	76.0	6 500*	23.7	80.9	7 300*	29.7	86.3	8 200	34.7	90.4	7 300	62.0
64.0	11.1	68.3	5 900*	18.3	75.6	6 800*	25.6	82.5	7 800	31.2	87.3	6 800	64.0
66.0							20.7	77.7	7 400	27.3	83.7	6 500	66.0
68.0							14.4	71.2	6 900	22.8	79.3	6 200	68.0
70.0										17.2	73.7	5 900	70.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A with
Boom No. 57
99 740 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speeds (all boom lengths)

13 m/s with 21.3m thru 33.5m Luffing Jib
11 m/s with 36.6m thru 42.7m Luffing Jib
9 m/s with 45.7m thru 51.8m Luffing Jib
7 m/s with 54.9m thru 67.1m Luffing Jib
5 m/s with 70.1m and 73.2m Luffing Jib

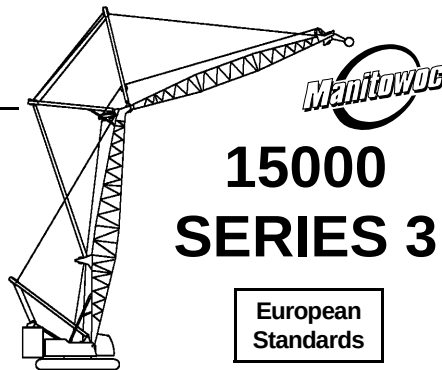


**15000
SERIES 3**

European
Standards

54.5m (179 Ft.) Boom, 64.0m (210 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	
21.3	74.7	118.6	14 400*							21.3
22.0	74.1	118.4	14 400*							22.0
24.0	72.3	117.8	14 200*							24.0
26.0	70.4	117.1	14 000*	72.2	117.6	16 400*				26.0
28.0	68.4	116.3	13 900*	70.3	116.9	16 200*				28.0
30.0	66.5	115.5	13 700*	68.3	116.1	16 100*				30.0
32.0	64.5	114.5	13 300*	66.4	115.3	15 900*	69.1	116.2	15 800*	32.0
34.0	62.5	113.5	13 100*	64.4	114.4	15 200*	67.2	115.3	15 700*	34.0
36.0	60.5	112.4	12 500*	62.4	113.3	14 600*	65.3	114.5	15 700*	36.0
38.0	58.4	111.2	11 800*	60.4	112.2	13 900*	63.3	113.5	15 600*	38.0
40.0	56.2	109.9	11 200*	58.3	111.0	13 200*	61.2	112.4	14 800	40.0
42.0	54.1	108.5	10 600*	56.1	109.7	12 500*	59.2	111.2	13 900	42.0
44.0	51.8	107.0	10 000*	53.9	108.3	11 900*	57.0	110.0	13 000	44.0
46.0	49.5	105.3	9 400*	51.7	106.8	11 200*	54.9	108.6	12 300	46.0
48.0	47.1	103.5	8 900*	49.4	105.1	10 700*	52.6	107.1	11 600	48.0
50.0	44.6	101.6	8 500*	46.9	103.3	10 100*	50.3	105.5	11 000	50.0
52.0	41.9	99.4	8 000*	44.4	101.3	9 600*	48.0	103.8	10 400	52.0
54.0	39.1	97.0	7 600*	41.8	99.2	9 000*	45.5	101.9	9 800	54.0
56.0	36.2	94.4	7 300*	39.0	96.8	8 600*	42.9	99.8	9 300	56.0
58.0	33.0	91.5	7 000*	36.0	94.1	8 100*	40.2	97.5	8 800	58.0
60.0	29.5	88.1	6 600*	32.8	91.2	7 600*	37.3	95.0	8 300	60.0
62.0	25.6	84.2	6 300*	29.3	87.8	7 100*	34.2	92.2	7 900	62.0
64.0	21.0	79.5	5 800*	25.4	83.9	6 600*	30.9	89.0	7 500	64.0
66.0	15.1	73.3	5 400*	20.8	79.1	6 200*	27.1	85.3	7 100	66.0
68.0				14.8	72.7	5 700*	22.8	80.9	6 800	68.0
70.0							17.5	75.4	6 400	70.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A with
Boom No. 57
99 740 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speeds (all boom lengths)		
13 m/s with 21.3m thru 33.5m Luffing Jib		
11 m/s with 36.6m thru 42.7m Luffing Jib		
9 m/s with 45.7m thru 51.8m Luffing Jib		
7 m/s with 54.9m thru 67.1m Luffing Jib		
5 m/s with 70.1m and 73.2m Luffing Jib		

54.5m (179 Ft.) Boom, 67.1m (220 Ft.) Luffing Jib

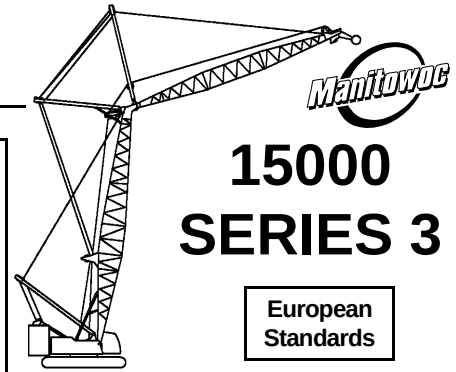
Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
21.3	75.5	121.7	13 300*							21.3
22.0	74.9	121.6	13 300*							22.0
24.0	73.1	121.0	13 100*							24.0
26.0	71.3	120.3	13 000*	73.0	120.8	15 000*				26.0
28.0	69.5	119.6	12 800*	71.2	120.2	14 900*				28.0
30.0	67.6	118.8	12 700*	69.4	119.4	14 800*				30.0
32.0	65.8	117.9	12 500*	67.5	118.6	14 600*	70.1	119.4	14 400*	32.0
34.0	63.9	116.9	12 200*	65.7	117.7	14 400*	68.3	118.7	14 400*	34.0
36.0	61.9	115.9	12 000*	63.8	116.8	13 800*	66.4	117.8	14 300*	36.0
38.0	60.0	114.8	11 400*	61.8	115.7	13 200*	64.6	116.9	14 200*	38.0
40.0	58.0	113.6	10 800*	59.9	114.6	12 600*	62.7	115.9	14 100	40.0
42.0	55.9	112.2	10 200*	57.9	113.4	12 000*	60.7	114.8	13 500	42.0
44.0	53.8	110.8	9 700*	55.8	112.1	11 400*	58.7	113.6	12 600	44.0
46.0	51.7	109.3	9 200*	53.7	110.6	10 900*	56.7	112.3	11 900	46.0
48.0	49.5	107.6	8 700*	51.6	109.1	10 400*	54.6	110.9	11 200	48.0
50.0	47.2	105.8	8 200*	49.3	107.4	9 800*	52.5	109.4	10 600	50.0
52.0	44.8	103.9	7 800*	47.0	105.6	9 300*	50.3	107.8	10 000	52.0
54.0	42.3	101.7	7 400*	44.6	103.6	8 800*	48.0	106.1	9 400	54.0
56.0	39.6	99.4	7 000*	42.1	101.5	8 400*	45.7	104.2	8 900	56.0
58.0	36.9	96.8	6 700*	39.5	99.2	7 900*	43.2	102.1	8 400	58.0
60.0	33.9	94.0	6 400*	36.7	96.6	7 300*	40.6	99.8	8 000	60.0
62.0	30.7	90.8	6 000*	33.7	93.7	6 800*	37.9	97.4	7 500	62.0
64.0	27.1	87.1	5 600*	30.5	90.5	6 400*	35.0	94.6	7 100	64.0
66.0	23.0	82.7	5 200*	26.9	86.8	5 900*	31.9	91.6	6 800	66.0
68.0	18.0	77.3	4 800*	22.8	82.4	5 500*	28.4	88.1	6 400	68.0
70.0	11.0	69.4	4 300*	17.7	76.8	5 100*	24.6	84.0	6 000	70.0
72.0							20.0	79.0	5 700	72.0
74.0							14.0	72.4	5 200*	74.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A with
Boom No. 57
99 740 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speeds (all boom lengths)

13 m/s with 21.3m thru 33.5m Luffing Jib
11 m/s with 36.6m thru 42.7m Luffing Jib
9 m/s with 45.7m thru 51.8m Luffing Jib
7 m/s with 54.9m thru 67.1m Luffing Jib
5 m/s with 70.1m and 73.2m Luffing Jib

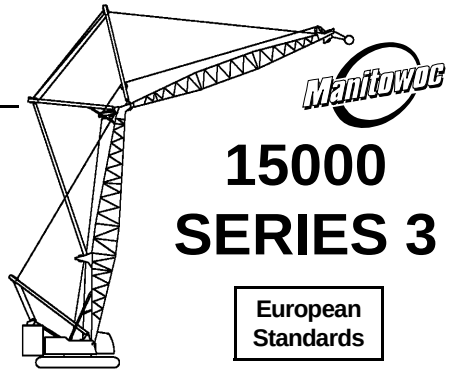


**15000
SERIES 3**

European
Standards

54.5m (179 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.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
22.9	74.8	124.5	12 300*							22.9
24.0	73.8	124.2	12 200*							24.0
26.0	72.1	123.5	12 100*	73.8	124.0	14 100*				26.0
28.0	70.4	122.8	11 900*	72.0	123.4	13 900*				28.0
30.0	68.7	122.1	11 700*	70.3	122.7	13 800*				30.0
32.0	66.9	121.2	11 500*	68.6	121.9	13 700*				32.0
34.0	65.1	120.3	11 300*	66.8	121.1	13 500*	69.3	121.9	13 500*	34.0
36.0	63.3	119.4	11 200*	65.0	120.2	13 000*	67.5	121.1	13 400*	36.0
38.0	61.4	118.3	10 800*	63.2	119.2	12 500*	65.7	120.2	13 400*	38.0
40.0	59.5	117.2	10 200*	61.3	118.1	12 000*	63.9	119.3	13 300*	40.0
42.0	57.6	115.9	9 700*	59.4	117.0	11 400*	62.1	118.3	13 100	42.0
44.0	55.6	114.6	9 200*	57.5	115.7	10 900*	60.2	117.2	12 400	44.0
46.0	53.6	113.1	8 800*	55.5	114.4	10 400*	58.3	115.9	11 600	46.0
48.0	51.6	111.6	8 300*	53.5	112.9	9 900*	56.4	114.6	10 900	48.0
50.0	49.4	109.9	7 900*	51.5	111.4	9 400*	54.4	113.2	10 300	50.0
52.0	47.2	108.1	7 500*	49.3	109.7	8 900*	52.3	111.7	9 700	52.0
54.0	45.0	106.2	7 100*	47.1	107.9	8 500*	50.2	110.1	9 200	54.0
56.0	42.6	104.1	6 800*	44.8	105.9	8 100*	48.1	108.4	8 700	56.0
58.0	40.1	101.8	6 500*	42.5	103.8	7 700*	45.8	106.5	8 200	58.0
60.0	37.5	99.2	6 100*	40.0	101.5	7 200*	43.5	104.4	7 700	60.0
62.0	34.7	96.5	5 800*	37.3	99.0	6 700*	41.0	102.2	7 300	62.0
64.0	31.6	93.4	5 400*	34.5	96.2	6 200*	38.4	99.8	6 900	64.0
66.0	28.3	89.9	5 000*	31.5	93.1	5 700*	35.7	97.1	6 500	66.0
68.0	24.6	85.8	4 600*	28.2	89.5	5 300*	32.8	94.1	6 200	68.0
70.0	20.3	80.9	4 200*	24.4	85.4	5 000*	29.6	90.8	5 800	70.0
72.0	14.8	74.4	3 900*	20.1	80.5	4 600*	26.1	86.9	5 500	72.0
74.0				14.4	73.9	4 100*	22.0	82.4	5 200*	74.0
76.0							17.0	76.6	4 800*	76.0



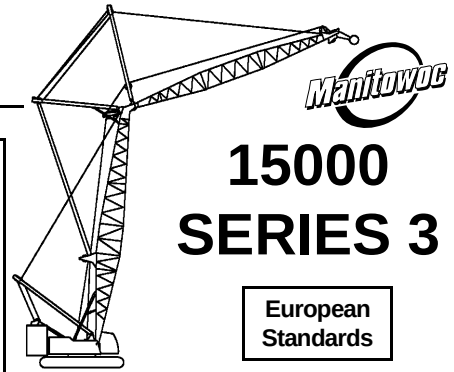
Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A with
Boom No. 57
99 740 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speeds (all boom lengths)		
13 m/s with 21.3m thru 33.5m Luffing Jib		
11 m/s with 36.6m thru 42.7m Luffing Jib		
9 m/s with 45.7m thru 51.8m Luffing Jib		
7 m/s with 54.9m thru 67.1m Luffing Jib		
5 m/s with 70.1m and 73.2m Luffing Jib		

54.5m (179 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	75.7	127.7	11 100*							22.9
24.0	74.8	127.4	11 000*							24.0
26.0	73.2	126.8	10 900*							26.0
28.0	71.5	126.2	10 800*	73.1	126.7	12 500*				28.0
30.0	69.9	125.5	10 600*	71.5	126.0	12 400*				30.0
32.0	68.2	124.7	10 500*	69.8	125.3	12 200*				32.0
34.0	66.5	123.8	10 400*	68.1	124.5	12 100*	70.5	125.3	12 000*	34.0
36.0	64.8	122.9	10 200*	66.4	123.7	12 000*	68.8	124.6	11 900*	36.0
38.0	63.0	121.9	10 100*	64.7	122.8	11 800*	67.1	123.7	11 900*	38.0
40.0	61.2	120.9	9 900*	62.9	121.8	11 400*	65.4	122.8	11 800*	40.0
42.0	59.4	119.7	9 400*	61.2	120.7	11 000*	63.7	121.9	11 700*	42.0
44.0	57.6	118.5	8 900*	59.3	119.5	10 500*	61.9	120.8	11 700*	44.0
46.0	55.7	117.1	8 500*	57.5	118.3	10 000*	60.1	119.7	11 300	46.0
48.0	53.8	115.7	8 100*	55.6	116.9	9 600*	58.3	118.5	10 600	48.0
50.0	51.8	114.2	7 700*	53.7	115.5	9 100*	56.4	117.2	10 000	50.0
52.0	49.8	112.5	7 300*	51.7	114.0	8 700*	54.5	115.8	9 400	52.0
54.0	47.7	110.8	7 000*	49.7	112.3	8 300*	52.5	114.3	8 800	54.0
56.0	45.5	108.8	6 600*	47.6	110.5	7 900*	50.5	112.7	8 300	56.0
58.0	43.3	106.8	6 300*	45.4	108.6	7 600*	48.5	111.0	7 900	58.0
60.0	40.9	104.5	6 000*	43.2	106.6	7 000*	46.3	109.1	7 400	60.0
62.0	38.5	102.1	5 700*	40.8	104.3	6 500*	44.1	107.1	7 000	62.0
64.0	35.8	99.4	5 300*	38.3	101.8	6 000*	41.8	104.9	6 600	64.0
66.0	33.0	96.5	4 800*	35.7	99.2	5 600*	39.4	102.6	6 200	66.0
68.0	30.0	93.2	4 400*	32.9	96.2	5 200*	36.8	100.0	5 900	68.0
70.0	26.7	89.4	4 000*	29.9	92.9	4 800*	34.1	97.2	5 500	70.0
72.0	22.9	85.0	3 700*	26.5	89.1	4 400*	31.2	94.0	5 200	72.0
74.0	18.4	79.7	3 400*	22.7	84.7	4 100*	28.0	90.4	4 900	74.0
76.0	12.4	72.2	3 000*	18.2	79.2	3 700*	24.4	86.3	4 600	76.0
78.0				12.0	71.6	3 200*	20.2	81.4	4 300*	78.0
80.0							14.9	74.9	3 900*	80.0
82.0							6.0	63.7	2 600*	82.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A with
Boom No. 57
99 740 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speeds (all boom lengths)		
13 m/s with 21.3m thru 33.5m Luffing Jib		
11 m/s with 36.6m thru 42.7m Luffing Jib		
9 m/s with 45.7m thru 51.8m Luffing Jib		
7 m/s with 54.9m thru 67.1m Luffing Jib		
5 m/s with 70.1m and 73.2m Luffing Jib		

**15000
SERIES 3**

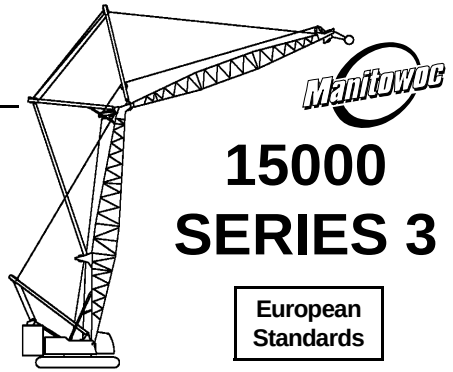
European
Standards

57.5m (189 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	
15.2	60.0	78.2	39 500*b																			15.2
16.0	57.5	77.7	38 800*b																			16.0
18.0	50.8	76.2	37 300*b	57.5	77.6	44 000*b																18.0
20.0	43.4	74.3	36 000*	50.8	76.1	38 900*b	60.7	77.9	39 800b													20.0
22.0	34.6	71.7	32 100*	43.4	74.2	34 600*	54.2	76.6	36 300b													22.0
24.0	23.1	67.9	28 700*	34.6	71.6	31 100*	47.2	74.8	33 300	57.4	76.8	31 200b										24.0
26.0				23.1	67.8	28 200*	39.2	72.6	30 800	50.7	75.2	28 800b										26.0
28.0							29.4	69.6	28 600	43.2	73.3	26 700	60.2	76.2	23 700b							28.0
30.0							14.1	64.3	26 200*	34.5	70.7	24 900	53.8	74.8	22 000b							30.0
32.0										22.8	66.9	23 300	46.7	73.1	20 500							32.0
34.0													38.6	70.8	19 200	56.3	73.8	16 800b				34.0
36.0													28.5	67.7	18 000	49.5	72.2	15 800				36.0
38.0													12.3	62.0	17 000	41.8	70.2	14 800				38.0
40.0																32.7	67.5	13 900	51.6	70.8	12 000b	40.0
42.0																20.2	63.3	13 100	44.3	68.9	11 300	42.0
44.0																			35.7	66.4	10 600	44.0
46.0																			24.7	62.8	9 900	46.0

57.5m (189 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	
15.2	64.1	81.7	36 900*b																			15.2
16.0	62.0	81.3	36 300*b																			16.0
18.0	56.5	80.0	34 900*	62.0	81.2	42 500*b																18.0
20.0	50.6	78.5	33 700*	56.5	79.9	38 800*b	64.7	81.3	38 900b													20.0
22.0	44.1	76.6	31 600*	50.6	78.4	34 500*	59.3	80.2	35 500b													22.0
24.0	36.7	74.2	28 600*	44.1	76.5	31 000*	53.6	78.9	32 600	61.9	80.3	30 500b										24.0
26.0	27.6	70.9	25 900*	36.7	74.1	28 000*	47.4	77.2	30 100	56.4	79.1	28 100										26.0
28.0				27.7	70.8	25 500*	40.5	75.0	28 000	50.5	77.6	26 100										28.0
30.0				13.7	65.2	23 300*	32.5	72.2	26 000	44.0	75.6	24 300	58.9	78.5	21 400							30.0
32.0							21.8	68.2	23 900*	36.6	73.2	22 700	53.2	77.1	20 000							32.0
34.0										27.5	69.9	21 300	47.0	75.4	18 700							34.0
36.0													40.0	73.2	17 500							36.0
38.0													31.8	70.4	16 500	49.4	74.5	14 300				38.0
40.0													20.8	66.1	15 600	42.8	72.6	13 400				40.0
42.0																35.1	70.0	12 600				42.0
44.0																25.6	66.4	11 900	44.9	71.2	10 100	44.0
46.0																			37.6	68.9	9 500	46.0
48.0																			28.8	65.7	8 900	48.0
50.0																			15.9	60.6	8 400	50.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A with
Boom No. 57
99 740 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speeds (all boom lengths)	
13 m/s with 21.3m thru 33.5m Luffing Jib	
11 m/s with 36.6m thru 42.7m Luffing Jib	
9 m/s with 45.7m thru 51.8m Luffing Jib	
7 m/s with 54.9m thru 67.1m Luffing Jib	
5 m/s with 70.1m and 73.2m Luffing Jib	

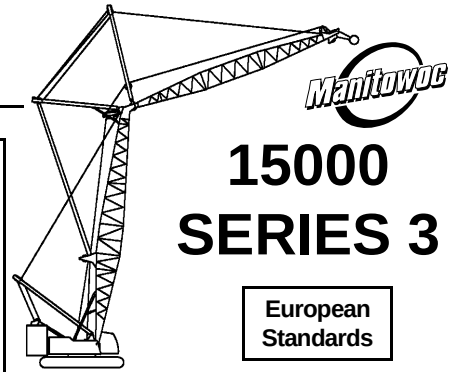
57.5m (189 Ft.) Boom, 27.4m (90 Ft.) Luffing Jib

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	
15.2	67.1	85.0	34 600*b																			15.2
16.0	65.4	84.7	34 100*b																			16.0
18.0	60.7	83.6	32 800*	65.4	84.6	39 800*b																18.0
20.0	55.7	82.4	31 600*	60.7	83.5	38 300*b	67.7	84.7	38 300b													20.0
22.0	50.4	80.8	30 300*	55.7	82.2	34 400*	63.0	83.7	34 900b													22.0
24.0	44.7	78.9	27 700*	50.4	80.7	30 800*	58.2	82.6	32 100	65.3	83.7	30 000b										24.0
26.0	38.3	76.6	25 300*	44.7	78.8	27 900*	53.1	81.2	29 600	60.6	82.7	27 600										26.0
28.0	30.7	73.6	23 500*	38.3	76.5	25 400*	47.6	79.5	27 500	55.6	81.4	25 600										28.0
30.0	20.8	69.3	21 400*	30.7	73.5	23 200*	41.6	77.4	25 600	50.3	79.8	23 800										30.0
32.0				20.8	69.2	21 400*	34.7	74.7	23 800	44.6	78.0	22 300	57.8	80.9	19 500							32.0
34.0							26.2	71.2	22 000*	38.1	75.6	20 900	52.7	79.4	18 300							34.0
36.0							13.3	65.4	20 400*	30.6	72.6	19 600	47.2	77.7	17 100							36.0
38.0										20.6	68.3	18 600	41.1	75.6	16 100							38.0
40.0													34.1	72.9	15 200	49.4	76.8	13 100				40.0
42.0													25.5	69.3	14 400	43.5	74.9	12 300				42.0
44.0													11.8	63.1	13 600	36.9	72.4	11 600				44.0
46.0																29.1	69.3	11 000	45.4	73.6	9 200	46.0
48.0																18.3	64.5	10 400	39.0	71.3	8 700	48.0
50.0																			31.7	68.4	8 200	50.0
52.0																			22.2	64.3	7 700	52.0

Liftcrane Luffing Jib Capacities

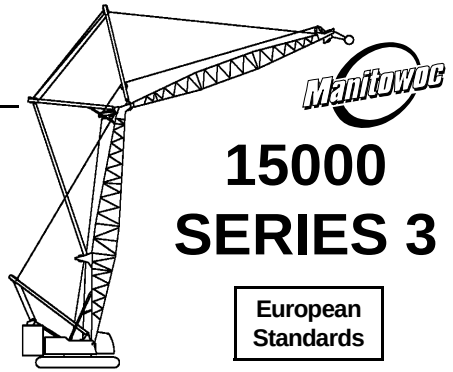
Luffing Jib No. 149A with
Boom No. 57
99 740 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speeds (all boom lengths)	
13 m/s with 21.3m thru 33.5m Luffing Jib	
11 m/s with 36.6m thru 42.7m Luffing Jib	
9 m/s with 45.7m thru 51.8m Luffing Jib	
7 m/s with 54.9m thru 67.1m Luffing Jib	
5 m/s with 70.1m and 73.2m Luffing Jib	



57.5m (189 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			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib 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	69.5	88.3	32 200*b																15.2
16.0	68.0	88.0	31 800*b																16.0
18.0	63.9	87.1	30 700*	68.0	87.9	37 200*b													18.0
20.0	59.6	86.0	29 700*	63.9	87.0	36 000*	70.0	88.0	37 300b										20.0
22.0	55.0	84.7	28 600*	59.6	85.9	33 800*	65.9	87.1	34 200b										22.0
24.0	50.3	83.1	26 500*	55.1	84.6	30 600*	61.7	86.1	31 400										24.0
26.0	45.1	81.2	24 400*	50.3	83.0	27 600*	57.3	84.9	29 000	63.8	86.2	27 000							26.0
28.0	39.5	79.0	22 400*	45.1	81.1	25 100*	52.7	83.5	26 900	59.5	85.1	25 000							28.0
30.0	33.0	76.2	20 800*	39.5	78.9	23 000*	47.7	81.8	25 000	55.0	83.7	23 200							30.0
32.0	25.0	72.5	19 400*	33.0	76.1	21 100*	42.4	79.7	23 400	50.2	82.2	21 700	61.4	84.4	19 000				32.0
34.0				25.0	72.3	19 400*	36.3	77.2	21 700*	45.0	80.3	20 300	57.0	83.2	17 800				34.0
36.0				13.1	66.3	18 000*	29.2	74.0	20 100*	39.4	78.0	19 100	52.3	81.7	16 600				36.0
38.0							19.9	69.5	18 700*	32.9	75.2	18 000	47.4	80.0	15 600				38.0
40.0										24.9	71.5	17 000	42.0	77.9	14 700	54.2	80.8	12 600	40.0
42.0													35.9	75.4	13 900	49.3	79.1	11 800	42.0
44.0													28.7	72.1	13 100	44.1	77.2	11 100	44.0
46.0													19.1	67.4	12 400	38.3	74.9	10 500	46.0
48.0																31.6	71.9	9 900	48.0
50.0																23.2	67.9	9 400	50.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A with
Boom No. 57
99 740 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speeds (all boom lengths)	
13 m/s with 21.3m thru 33.5m Luffing Jib	
11 m/s with 36.6m thru 42.7m Luffing Jib	
9 m/s with 45.7m thru 51.8m Luffing Jib	
7 m/s with 54.9m thru 67.1m Luffing Jib	
5 m/s with 70.1m and 73.2m Luffing Jib	

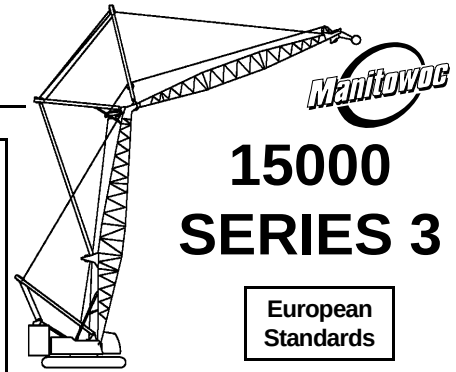
57.5m (189 Ft.) Boom, 33.5m (110 Ft.) Luffing Jib

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			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib 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	71.5	91.6	30 100*(b)																15.2
16.0	70.1	91.3	29 800*(b)																16.0
18.0	66.4	90.5	28 800*	70.1	91.2	34 800*(b)													18.0
20.0	62.6	89.5	27 900*	66.4	90.4	33 800*													20.0
22.0	58.6	88.3	27 100*	62.6	89.4	32 400*	68.3	90.5	33 600(b)										22.0
24.0	54.5	87.0	25 600*	58.6	88.2	30 000*	64.5	89.6	31 000										24.0
26.0	50.2	85.4	23 400*	54.5	86.9	27 500*	60.6	88.5	28 600	66.3	89.5	26 600							26.0
28.0	45.5	83.6	21 700*	50.2	85.3	25 000*	56.6	87.2	26 600	62.5	88.6	24 600							28.0
30.0	40.4	81.4	20 000*	45.5	83.4	22 900*	52.4	85.8	24 700	58.6	87.4	22 900							30.0
32.0	34.7	78.7	18 600*	40.4	81.2	21 000*	47.9	84.1	23 100	54.4	86.0	21 400							32.0
34.0	28.0	75.3	17 500*	34.7	78.6	19 400*	43.0	82.1	21 600	50.1	84.4	20 100	60.3	86.8	17 500				34.0
36.0	19.2	70.6	16 500*	28.0	75.2	18 000*	37.6	79.6	20 100*	45.4	82.6	18 800	56.3	85.5	16 400				36.0
38.0				19.3	70.5	16 700*	31.5	76.7	18 700*	40.3	80.4	17 700	52.0	84.0	15 400				38.0
40.0							24.0	72.7	17 400*	34.6	77.7	16 700	47.5	82.3	14 500				40.0
42.0							12.8	66.5	16 200*	27.9	74.3	15 900	42.6	80.3	13 700	53.7	83.1	11 600	42.0
44.0										19.1	69.6	15 000	37.2	77.8	12 900	49.3	81.4	10 900	44.0
46.0													31.0	74.8	12 200	44.6	79.5	10 300	46.0
48.0													23.4	70.8	11 600	39.4	77.2	9 700	48.0
50.0													11.5	64.2	11 000	33.5	74.5	9 200	50.0
52.0																26.6	70.9	8 700	52.0
54.0																17.1	65.7	8 200	54.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A with
Boom No. 57
99 740 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speeds (all boom lengths)		
13 m/s with 21.3m thru 33.5m Luffing Jib		
11 m/s with 36.6m thru 42.7m Luffing Jib		
9 m/s with 45.7m thru 51.8m Luffing Jib		
7 m/s with 54.9m thru 67.1m Luffing Jib		
5 m/s with 70.1m and 73.2m Luffing Jib		



57.5m (189 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			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
15.2	73.1	94.8	28 000*																15.2
16.0	71.8	94.6	27 700*																16.0
18.0	68.5	93.8	27 000*	71.8	94.4	32 300*													18.0
20.0	65.1	92.9	26 100*	68.5	93.7	31 600*													20.0
22.0	61.5	91.9	25 300*	65.1	92.8	30 600*													22.0
24.0	57.9	90.7	24 400*	61.5	91.8	28 700*	66.8	92.9	30 300										24.0
26.0	54.1	89.3	22 600*	57.9	90.6	26 700*	63.3	92.0	28 000										26.0
28.0	50.1	87.7	20 900*	54.1	89.2	24 600*	59.7	90.8	26 000	65.0	92.0	24 100							28.0
30.0	45.8	85.9	19 300*	50.1	87.6	22 600*	56.0	89.6	24 200	61.5	90.9	22 400							30.0
32.0	41.2	83.7	18 000*	45.8	85.7	20 700*	52.1	88.1	22 600	57.8	89.7	20 900							32.0
34.0	36.1	81.2	16 700*	41.2	83.6	19 100*	48.0	86.4	21 200	54.0	88.3	19 600							34.0
36.0	30.3	78.0	15 700*	36.1	81.0	17 700*	43.5	84.4	19 800*	50.0	86.7	18 300	59.4	89.1	15 900				36.0
38.0	23.2	73.9	14 900*	30.3	77.9	16 400*	38.7	82.0	18 400*	45.7	84.9	17 200	55.7	87.8	14 900				38.0
40.0				23.2	73.8	15 300*	33.3	79.2	17 100*	41.1	82.7	16 300	51.8	86.3	14 000				40.0
42.0				12.6	67.4	14 200*	26.9	75.7	16 000*	36.0	80.2	15 400	47.6	84.6	13 200				42.0
44.0							18.6	70.8	15 000*	30.2	77.0	14 500	43.2	82.6	12 400	53.3	85.4	10 400	44.0
46.0										23.0	72.9	13 800	38.3	80.2	11 700	49.3	83.7	9 800	46.0
48.0													32.9	77.4	11 100	44.9	81.8	9 300	48.0
50.0													26.4	73.8	10 500	40.3	79.6	8 700	50.0
52.0													17.9	68.7	10 000	35.1	77.0	8 300	52.0
54.0																29.1	73.7	7 800	54.0
56.0																21.5	69.3	7 400	56.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A with
Boom No. 57
99 740 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speeds (all boom lengths)	
13 m/s with 21.3m thru 33.5m Luffing Jib	
11 m/s with 36.6m thru 42.7m Luffing Jib	
9 m/s with 45.7m thru 51.8m Luffing Jib	
7 m/s with 54.9m thru 67.1m Luffing Jib	
5 m/s with 70.1m and 73.2m Luffing Jib	

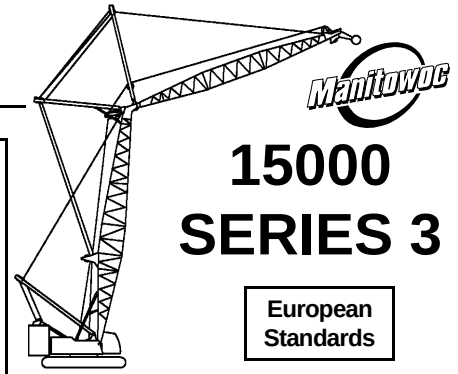
57.5m (189 Ft.) Boom, 39.6m (130 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Elev. m	Luffing Jib Capacity Kilograms	
15.2	74.4	98.0	26 100*(b)													15.2
16.0	73.3	97.7	25 900*(b)													16.0
18.0	70.2	97.1	25 300*													18.0
20.0	67.1	96.3	24 500*	70.2	96.9	29 500*										20.0
22.0	63.9	95.3	23 800*	67.1	96.1	28 900*										22.0
24.0	60.6	94.3	23 200*	63.9	95.2	27 500*	68.7	96.2	29 200*							24.0
26.0	57.2	93.0	21 900*	60.6	94.1	25 700*	65.5	95.4	27 500							26.0
28.0	53.7	91.6	20 300*	57.2	92.9	23 900*	62.3	94.4	25 500	67.0	95.3	23 600				28.0
30.0	50.0	90.0	18 700*	53.7	91.5	22 200*	58.9	93.2	23 700	63.9	94.4	21 900				30.0
32.0	46.0	88.2	17 400*	50.0	89.9	20 500*	55.5	91.9	22 100	60.6	93.3	20 500				32.0
34.0	41.8	86.1	16 200*	46.1	88.1	18 900*	51.8	90.4	20 800	57.2	92.1	19 200				34.0
36.0	37.2	83.6	15 100*	41.8	85.9	17 500*	48.0	88.7	19 500	53.6	90.7	18 000				36.0
38.0	32.1	80.6	14 200*	37.2	83.5	16 200*	44.0	86.7	18 200*	49.9	89.1	16 900	58.7	91.5	14 500	38.0
40.0	26.0	76.9	13 500*	32.1	80.5	15 100*	39.6	84.4	16 900*	46.0	87.2	15 900	55.2	90.2	13 600	40.0
42.0	18.1	71.9	12 800*	26.0	76.8	14 000*	34.7	81.7	15 800*	41.8	85.1	15 000	51.6	88.6	12 800	42.0
44.0				18.1	71.7	13 100*	29.2	78.4	14 800*	37.2	82.6	14 200	47.8	86.9	12 100	44.0
46.0							22.4	74.2	13 800*	32.0	79.6	13 500	43.7	84.9	11 400	46.0
48.0							12.4	67.6	13 000*	25.9	75.9	12 800	39.3	82.6	10 800	48.0
50.0										18.0	70.8	12 100	34.4	79.9	10 200	50.0
52.0													28.7	76.6	9 700	52.0
54.0													21.8	72.2	9 200	54.0
56.0													11.3	65.2	8 700	56.0

Liftcrane Luffing Jib Capacities

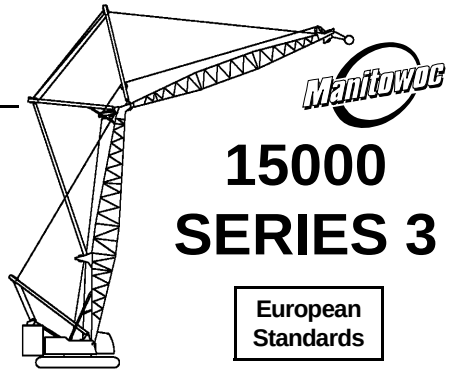
Luffing Jib No. 149A with
Boom No. 57
99 740 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speeds (all boom lengths)	
13 m/s with 21.3m thru 33.5m Luffing Jib	
11 m/s with 36.6m thru 42.7m Luffing Jib	
9 m/s with 45.7m thru 51.8m Luffing Jib	
7 m/s with 54.9m thru 67.1m Luffing Jib	
5 m/s with 70.1m and 73.2m Luffing Jib	



57.5m (189 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			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
15.2	75.6	101.2	24 200*(b)													15.2
16.0	74.5	100.9	24 000*(b)													16.0
18.0	71.7	100.3	23 600*													18.0
20.0	68.8	99.6	22 900*	71.7	100.2	27 400*										20.0
22.0	65.9	98.7	22 300*	68.8	99.4	27 000*										22.0
24.0	62.9	97.7	21 700*	65.9	98.6	26 100*										24.0
26.0	59.8	96.6	21 100*	62.9	97.6	24 600*	67.4	98.7	26 800							26.0
28.0	56.7	95.3	19 500*	59.8	96.5	23 000*	64.4	97.8	24 900							28.0
30.0	53.4	93.9	18 100*	56.7	95.2	21 500*	61.4	96.7	23 200	65.9	97.8	21 400				30.0
32.0	49.9	92.3	16 900*	53.4	93.8	20 000*	58.3	95.6	21 600	62.9	96.8	19 900				32.0
34.0	46.3	90.5	15 700*	49.9	92.2	18 600*	55.0	94.2	20 300	59.8	95.7	18 600				34.0
36.0	42.4	88.4	14 700*	46.3	90.4	17 200*	51.6	92.7	19 000	56.6	94.4	17 500				36.0
38.0	38.2	86.0	13 700*	42.4	88.3	15 900*	48.1	91.0	17 800	53.3	93.0	16 400				38.0
40.0	33.5	83.2	12 900*	38.2	85.9	14 800*	44.4	89.0	16 600*	49.8	91.3	15 400	58.0	93.8	13 200	40.0
42.0	28.2	79.8	12 200*	33.5	83.1	13 800*	40.3	86.8	15 500*	46.2	89.5	14 600	54.8	92.5	12 400	42.0
44.0	21.7	75.4	11 600*	28.2	79.6	12 800*	35.9	84.2	14 500*	42.3	87.4	13 800	51.4	90.9	11 600	44.0
46.0				21.7	75.2	11 900*	31.0	81.1	13 600*	38.1	85.0	13 000	47.8	89.2	11 000	46.0
48.0				12.3	68.5	11 200*	25.2	77.3	12 700*	33.5	82.2	12 300	44.1	87.2	10 300	48.0
50.0							17.6	72.0	11 900*	28.1	78.8	11 700	40.0	85.0	9 800	50.0
52.0										21.6	74.3	11 100	35.6	82.4	9 200	52.0
54.0													30.6	79.2	8 800	54.0
56.0													24.7	75.3	8 300	56.0
58.0													17.0	69.9	7 900	58.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A with
Boom No. 57
99 740 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speeds (all boom lengths)	
13 m/s with 21.3m thru 33.5m Luffing Jib	
11 m/s with 36.6m thru 42.7m Luffing Jib	
9 m/s with 45.7m thru 51.8m Luffing Jib	
7 m/s with 54.9m thru 67.1m Luffing Jib	
5 m/s with 70.1m and 73.2m Luffing Jib	

**15000
SERIES 3**

European
Standards

57.5m (189 Ft.) Boom, 45.7m (150 Ft.) Luffing Jib

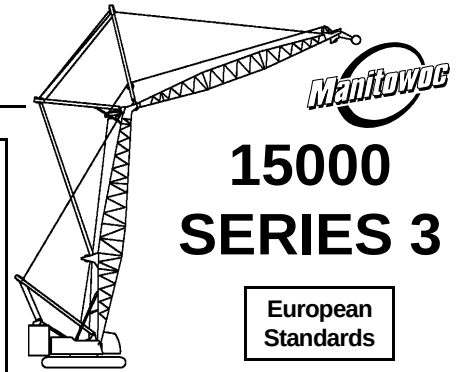
Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Elev. m	Luffing Jib Capacity Kilograms	
16.8	74.6	103.9	22 100*													16.8
18.0	72.9	103.5	21 900*													18.0
20.0	70.3	102.8	21 400*	73.0	103.4	25 400*										20.0
22.0	67.6	102.0	21 000*	70.3	102.7	25 100*										22.0
24.0	64.9	101.1	20 300*	67.6	101.9	24 700*										24.0
26.0	62.0	100.1	20 000*	64.9	101.0	23 600*	69.0	102.0	24 700*							26.0
28.0	59.1	99.0	19 100*	62.0	100.0	22 200*	66.2	101.2	24 400							28.0
30.0	56.2	97.7	17 700*	59.2	98.8	20 800*	63.5	100.2	22 900							30.0
32.0	53.1	96.2	16 500*	56.2	97.6	19 500*	60.6	99.1	21 400	64.8	100.2	19 600				32.0
34.0	49.8	94.6	15 400*	53.1	96.1	18 300*	57.7	97.9	20 000	62.0	99.2	18 300				34.0
36.0	46.5	92.8	14 300*	49.8	94.5	17 000*	54.6	96.5	18 700	59.1	98.0	17 200				36.0
38.0	42.9	90.7	13 500*	46.5	92.7	15 900*	51.5	95.0	17 600	56.1	96.7	16 100				38.0
40.0	39.0	88.4	12 600*	42.9	90.6	14 800*	48.2	93.3	16 600*	53.0	95.3	15 200	60.4	97.4	12 900	40.0
42.0	34.8	85.7	11 900*	39.0	88.3	13 700*	44.7	91.3	15 500*	49.8	93.7	14 300	57.4	96.2	12 200	42.0
44.0	30.0	82.4	11 200*	34.8	85.5	12 800*	41.0	89.1	14 400*	46.4	91.8	13 500	54.4	94.8	11 500	44.0
46.0	24.4	78.5	10 700*	30.0	82.3	11 900*	36.9	86.6	13 500*	42.8	89.8	12 800	51.2	93.2	10 800	46.0
48.0	17.2	73.1	10 100*	24.5	78.4	11 100*	32.5	83.7	12 600*	38.9	87.4	12 100	47.9	91.5	10 200	48.0
50.0				17.2	73.0	10 400*	27.4	80.1	11 900*	34.7	84.7	11 500	44.4	89.6	9 600	50.0
52.0							21.1	75.6	11 100*	29.9	81.5	10 900	40.7	87.3	9 100	52.0
54.0							12.1	68.7	10 500*	24.3	77.5	10 400	36.6	84.8	8 600	54.0
56.0										17.1	72.1	9 900	32.1	81.8	8 100	56.0
58.0													27.0	78.2	7 700	58.0
60.0													20.6	73.6	7 300	60.0
62.0													11.2	66.3	7 000	62.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A with
Boom No. 57
99 740 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

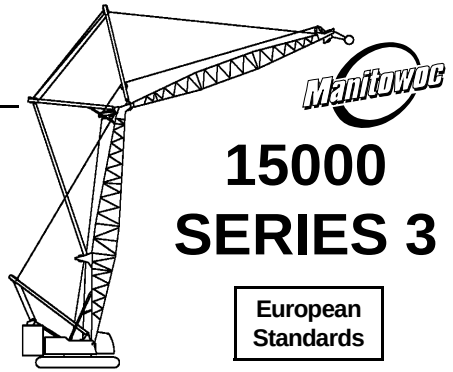
Maximum Operating Wind Speeds
(all boom lengths)

13 m/s with 21.3m thru 33.5m Luffing Jib
11 m/s with 36.6m thru 42.7m Luffing Jib
9 m/s with 45.7m thru 51.8m Luffing Jib
7 m/s with 54.9m thru 67.1m Luffing Jib
5 m/s with 70.1m and 73.2m Luffing Jib



57.5m (189 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			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib 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	107.1	20 500*													16.8
18.0	74.0	106.7	20 300*													18.0
20.0	71.6	106.1	20 000*													20.0
22.0	69.1	105.3	19 500*	71.6	105.9	23 300*										22.0
24.0	66.5	104.5	19 100*	69.1	105.2	22 900*										24.0
26.0	63.9	103.6	18 700*	66.5	104.4	22 400*	70.3	105.3	22 800*							26.0
28.0	61.3	102.5	18 000*	63.9	103.4	21 200*	67.8	104.5	22 700*							28.0
30.0	58.5	101.3	17 100*	61.3	102.4	20 000*	65.2	103.6	22 300							30.0
32.0	55.7	100.0	16 000*	58.5	101.2	18 800*	62.6	102.6	20 900	66.5	103.6	19 100				32.0
34.0	52.8	98.5	14 900*	55.7	99.9	17 600*	59.9	101.5	19 500	63.9	102.6	17 800				34.0
36.0	49.8	96.9	13 900*	52.8	98.4	16 500*	57.1	100.2	18 300	61.2	101.6	16 700				36.0
38.0	46.6	95.1	13 100*	49.8	96.8	15 500*	54.3	98.8	17 200	58.5	100.4	15 700				38.0
40.0	43.3	93.1	12 200*	46.6	95.0	14 500*	51.3	97.3	16 200	55.7	99.1	14 700	62.4	100.9	12 500	40.0
42.0	39.7	90.8	11 500*	43.3	92.9	13 400*	48.2	95.6	15 100*	52.8	97.6	13 900	59.7	99.8	11 700	42.0
44.0	35.8	88.1	10 900*	39.7	90.6	12 500*	45.0	93.7	14 100*	49.7	95.9	13 100	56.9	98.5	11 000	44.0
46.0	31.5	85.1	10 300*	35.8	88.0	11 700*	41.5	91.5	13 200*	46.6	94.1	12 400	54.1	97.1	10 300	46.0
48.0	26.6	81.4	9 700*	31.5	84.9	10 900*	37.8	89.0	12 400*	43.2	92.1	11 700	51.1	95.6	9 700	48.0
50.0	20.6	76.7	9 200*	26.6	81.3	10 200*	33.7	86.2	11 600*	39.6	89.8	11 100	48.0	93.8	9 200	50.0
52.0				20.6	76.6	9 500*	29.1	82.9	10 900*	35.7	87.2	10 500	44.7	91.9	8 700	52.0
54.0				12.0	69.6	8 900*	23.8	78.8	10 200*	31.4	84.1	10 000	41.2	89.7	8 200	54.0
56.0							16.9	73.2	9 600*	26.5	80.4	9 500	37.5	87.2	7 700	56.0
58.0										20.5	75.7	9 000	33.4	84.4	7 300	58.0
60.0													28.8	81.0	6 900	60.0
62.0													23.3	76.8	6 600	62.0
64.0													16.2	71.1	6 200	64.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A with
Boom No. 57
99 740 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speeds (all boom lengths)	
13 m/s with 21.3m thru 33.5m Luffing Jib	
11 m/s with 36.6m thru 42.7m Luffing Jib	
9 m/s with 45.7m thru 51.8m Luffing Jib	
7 m/s with 54.9m thru 67.1m Luffing Jib	
5 m/s with 70.1m and 73.2m Luffing Jib	

57.5m (189 Ft.) Boom, 51.8m (170 Ft.) Luffing Jib

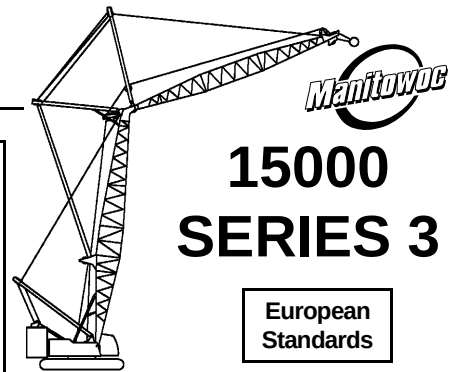
Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
18.3	74.7	109.8	18 900*										18.3
20.0	72.7	109.3	18 600*										20.0
22.0	70.4	108.6	18 200*	72.7	109.2	21 600*							22.0
24.0	68.0	107.8	17 800*	70.4	108.5	21 300*							24.0
26.0	65.6	106.9	17 400*	68.0	107.7	21 100*							26.0
28.0	63.1	106.0	17 000*	65.6	106.8	20 200*	69.2	107.8	20 900*				28.0
30.0	60.6	104.9	16 400*	63.1	105.8	19 200*	66.8	106.9	20 900*				30.0
32.0	58.0	103.7	15 500*	60.6	104.7	18 100*	64.3	106.0	20 400	67.9	106.9	18 700	32.0
34.0	55.4	102.3	14 500*	58.0	103.5	17 100*	61.9	105.0	19 100	65.5	106.0	17 500	34.0
36.0	52.6	100.8	13 600*	55.4	102.2	16 000*	59.3	103.8	17 900	63.1	105.0	16 400	36.0
38.0	49.7	99.2	12 700*	52.6	100.7	15 100*	56.7	102.6	16 800	60.6	103.9	15 300	38.0
40.0	46.8	97.4	11 900*	49.7	99.1	14 200*	54.0	101.2	15 800	58.0	102.7	14 400	40.0
42.0	43.6	95.4	11 200*	46.8	97.3	13 200*	51.2	99.6	14 900	55.3	101.4	13 500	42.0
44.0	40.3	93.1	10 600*	43.6	95.3	12 300*	48.3	97.9	13 900*	52.6	99.9	12 800	44.0
46.0	36.7	90.6	10 000*	40.3	93.0	11 400*	45.2	96.0	13 000*	49.7	98.2	12 100	46.0
48.0	32.8	87.6	9 400*	36.7	90.4	10 600*	42.0	93.8	12 200*	46.7	96.4	11 400	48.0
50.0	28.4	84.2	8 900*	32.8	87.5	9 900*	38.5	91.4	11 400*	43.6	94.4	10 700	50.0
52.0	23.2	80.0	8 300*	28.4	84.1	9 300*	34.8	88.7	10 600*	40.2	92.2	10 200	52.0
54.0	16.5	74.3	7 700*	23.2	79.8	8 700*	30.6	85.5	10 000*	36.6	89.6	9 700	54.0
56.0				16.6	74.2	8 100*	25.9	81.7	9 400*	32.7	86.7	9 200	56.0
58.0							20.1	76.9	8 800*	28.3	83.2	8 700	58.0
60.0							11.9	69.7	8 200*	23.1	79.0	8 300	60.0
62.0										16.4	73.2	7 900	62.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A with
Boom No. 57
99 740 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speeds (all boom lengths)

13 m/s with 21.3m thru 33.5m Luffing Jib
11 m/s with 36.6m thru 42.7m Luffing Jib
9 m/s with 45.7m thru 51.8m Luffing Jib
7 m/s with 54.9m thru 67.1m Luffing Jib
5 m/s with 70.1m and 73.2m Luffing Jib

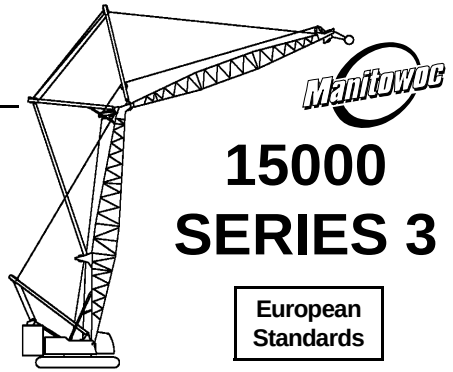


**15000
SERIES 3**

European
Standards

57.5m (189 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			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
18.3	75.5	112.9	17 500*										18.3
20.0	73.7	112.5	17 300*										20.0
22.0	71.5	111.8	17 000*										22.0
24.0	69.3	111.1	16 600*	71.5	111.7	19 800*							24.0
26.0	67.0	110.3	16 400*	69.3	111.0	19 500*							26.0
28.0	64.7	109.4	16 100*	67.0	110.2	19 200*							28.0
30.0	62.4	108.3	15 600*	64.7	109.2	18 300*	68.1	110.2	19 200*				30.0
32.0	60.0	107.2	14 900*	62.4	108.2	17 300*	65.9	109.4	19 200*				32.0
34.0	57.5	106.0	14 000*	60.0	107.1	16 400*	63.6	108.4	18 700	67.0	109.3	17 000	34.0
36.0	55.0	104.6	13 100*	57.5	105.9	15 500*	61.2	107.3	17 400	64.7	108.4	15 900	36.0
38.0	52.4	103.2	12 300*	55.0	104.5	14 600*	58.8	106.2	16 400	62.3	107.4	14 900	38.0
40.0	49.7	101.5	11 600*	52.4	103.0	13 800*	56.3	104.9	15 400	59.9	106.3	13 900	40.0
42.0	46.9	99.7	10 900*	49.7	101.4	12 900*	53.7	103.5	14 500	57.5	105.0	13 100	42.0
44.0	43.9	97.7	10 300*	46.9	99.6	12 000*	51.1	101.9	13 600	55.0	103.7	12 300	44.0
46.0	40.8	95.5	9 700*	43.9	97.6	11 200*	48.3	100.2	12 700*	52.4	102.2	11 600	46.0
48.0	37.5	93.0	9 200*	40.8	95.3	10 400*	45.4	98.3	11 800*	49.7	100.6	11 000	48.0
50.0	33.8	90.2	8 700*	37.5	92.9	9 700*	42.4	96.2	11 100*	46.8	98.7	10 400	50.0
52.0	29.8	86.9	8 100*	33.9	90.0	9 000*	39.2	93.8	10 400*	43.9	96.7	9 800	52.0
54.0	25.3	83.0	7 500*	29.9	86.8	8 400*	35.7	91.2	9 700*	40.8	94.5	9 300	54.0
56.0	19.7	78.1	6 900*	25.3	82.9	7 900*	31.9	88.1	9 100*	37.4	92.0	8 800	56.0
58.0				19.7	77.9	7 300*	27.6	84.6	8 500*	33.8	89.2	8 300	58.0
60.0				11.8	70.7	6 800*	22.6	80.2	8 000*	29.8	85.9	7 900	60.0
62.0							16.2	74.4	7 500*	25.2	82.0	7 500	62.0
64.0							3.5	62.4	7 000*	19.6	77.0	7 100	64.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A with
Boom No. 57
99 740 kg Crane Counterweight
36 290 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speeds (all boom lengths)	
13 m/s with 21.3m thru 33.5m Luffing Jib	
11 m/s with 36.6m thru 42.7m Luffing Jib	
9 m/s with 45.7m thru 51.8m Luffing Jib	
7 m/s with 54.9m thru 67.1m Luffing Jib	
5 m/s with 70.1m and 73.2m Luffing Jib	

57.5m (189 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			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
19.8	74.8	115.7	16 100*										19.8
20.0	74.6	115.6	16 000*										20.0
22.0	72.5	115.0	15 800*										22.0
24.0	70.4	114.3	15 500*	72.5	114.9	18 300*							24.0
26.0	68.3	113.6	15 400*	70.4	114.2	18 100*							26.0
28.0	66.1	112.7	14 900*	68.3	113.4	17 900*							28.0
30.0	64.0	111.8	14 700*	66.1	112.6	17 400*	69.4	113.5	17 700*				30.0
32.0	61.7	110.7	14 300*	64.0	111.7	16 600*	67.2	112.7	17 700*				32.0
34.0	59.4	109.6	13 500*	61.7	110.6	15 700*	65.0	111.8	17 600*				34.0
36.0	57.1	108.3	12 700*	59.4	109.5	14 900*	62.8	110.8	17 200	66.1	111.8	15 600	36.0
38.0	54.7	107.0	12 000*	57.1	108.2	14 100*	60.6	109.7	16 100	63.9	110.8	14 600	38.0
40.0	52.2	105.5	11 300*	54.7	106.8	13 300*	58.3	108.5	15 100	61.7	109.8	13 700	40.0
42.0	49.7	103.8	10 600*	52.2	105.3	12 600*	55.9	107.2	14 200	59.4	108.6	12 900	42.0
44.0	47.0	102.0	10 000*	49.7	103.7	11 900*	53.5	105.8	13 400	57.1	107.4	12 100	44.0
46.0	44.2	100.0	9 400*	47.0	101.9	11 000*	51.0	104.2	12 500*	54.7	106.0	11 400	46.0
48.0	41.3	97.8	8 900*	44.2	99.9	10 200*	48.3	102.5	11 700*	52.2	104.5	10 700	48.0
50.0	38.2	95.4	8 400*	41.3	97.7	9 500*	45.6	100.6	10 900*	49.6	102.8	10 200	50.0
52.0	34.8	92.6	7 900*	38.2	95.3	8 900*	42.8	98.5	10 200*	47.0	101.0	9 600	52.0
54.0	31.1	89.5	7 400*	34.8	92.5	8 300*	39.7	96.2	9 600*	44.2	99.1	9 100	54.0
56.0	27.0	85.8	6 900*	31.1	89.4	7 700*	36.5	93.6	9 000*	41.2	96.9	8 600	56.0
58.0	22.2	81.4	6 300*	27.0	85.7	7 200*	33.0	90.7	8 400*	38.1	94.4	8 100	58.0
60.0	16.0	75.5	5 900*	22.2	81.3	6 700*	29.1	87.3	7 900*	34.7	91.7	7 700	60.0
62.0				16.0	75.4	6 200*	24.7	83.3	7 400*	31.1	88.5	7 300	62.0
64.0				4.3	63.7	5 800*	19.3	78.2	6 900*	26.9	84.8	6 900	64.0
66.0							11.7	70.8	6 500*	22.1	80.4	6 500	66.0
68.0										15.9	74.4	6 300	68.0