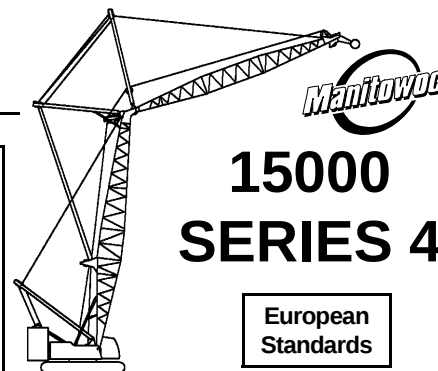


Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A On Boom No. 57
107 680 kg Crane Counterweight
52 160 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, 107 680 kg crane counterweight and 52 160 kg carbody counterweight.

Consult chart **No. 8636-AM** for intermediate fall capacities.

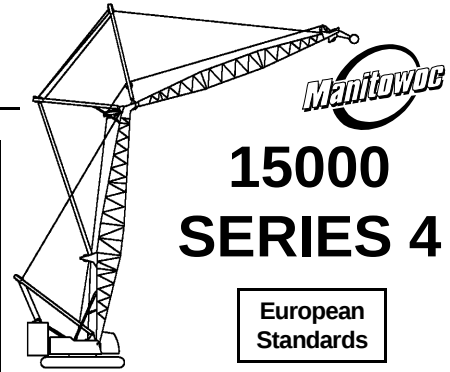
Intermediate Fall Deduct

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

Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A On Boom No. 57
107 680 kg Crane Counterweight
52 160 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	

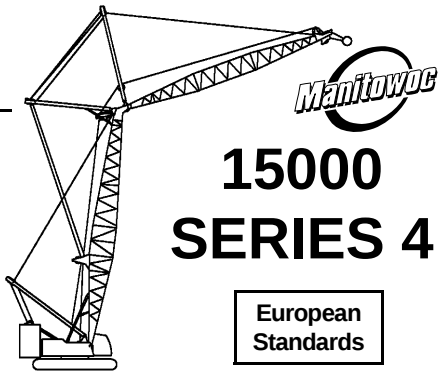


24.5m (80 Ft.) Boom, 21.3m (70 Ft.) Luffing Jib

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	76 100*b													14.0
16.0	53.7	43.9	52 900*	56.6	44.5	63 800*	60.6	45.1	69 200*b	64.5	45.6	68 500b										16.0
18.0	46.6	42.2	46 300*	49.8	42.9	54 100*	54.2	43.8	61 800*	58.3	44.4	60 600										18.0
20.0	38.5	39.9	41 600*	42.1	40.9	47 400*	47.1	42.1	54 100*	51.7	43.0	54 400	58.5	44.0	52 700							20.0
22.0	28.5	36.8	36 700*	33.1	38.2	41 000*	39.1	39.9	47 000*	44.3	41.1	48 300	51.9	42.5	46 900							22.0
24.0	12.2	31.1	25 600*	20.8	34.1	32 500*	29.2	36.8	40 100*	35.7	38.6	43 300	44.6	40.7	42 000	52.0	41.8	40 800				24.0
26.0										24.7	35.0	38 100*	36.1	38.2	38 000	44.7	40.0	36 800	51.8	40.9	35 800	26.0
28.0													25.2	34.7	34 600	36.2	37.5	33 500	44.5	39.1	32 600	28.0
30.0																25.3	34.0	30 700	36.0	36.6	29 800	30.0
32.0																			25.0	33.1	27 400	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	73 200*b													14.0
16.0	58.9	47.6	52 900*	61.2	48.1	63 500*	64.6	48.6	67 200*b													16.0
18.0	53.2	46.2	46 100*	55.7	46.8	55 000*	59.2	47.5	60 700	62.7	48.0	59 500										18.0
20.0	46.9	44.5	41 000*	49.7	45.2	47 700*	53.5	46.1	54 100*	57.2	46.8	53 400										20.0
22.0	40.0	42.3	37 100*	43.1	43.2	41 900*	47.4	44.4	47 000*	51.3	45.3	48 200	57.4	46.3	46 700							22.0
24.0	31.8	39.5	33 200*	35.5	40.7	36 300*	40.5	42.2	41 500*	44.9	43.4	43 100	51.5	44.8	41 800							24.0
26.0	20.8	35.2	27 300*	26.0	37.2	31 700*	32.4	39.4	36 600*	37.7	41.1	39 000	45.2	43.0	37 800	51.6	44.1	36 600				26.0
28.0							21.6	35.3	29 900*	28.9	37.9	35 100	37.9	40.7	34 400	45.2	42.3	33 300				28.0
30.0										16.0	32.8	27 700*	29.2	37.5	31 500	38.0	40.0	30 600	45.1	41.4	29 600	30.0
32.0													16.7	32.6	29 000	29.3	36.9	28 100	37.8	39.0	27 300	32.0
34.0																			29.1	35.9	25 200	34.0
36.0																			16.4	30.9	23 300	36.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A On Boom No. 57
107 680 kg Crane Counterweight
52 160 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.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	
11.0	74.1	53.2	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	61 800*	67.6	51.9	64 800*b													16.0
18.0	57.8	50.0	46 400*	59.9	50.4	55 900*	63.0	51.0	59 500													18.0
20.0	52.7	48.5	41 100*	54.9	49.1	48 500*	58.2	49.8	53 500	61.2	50.3	52 500										20.0
22.0	47.2	46.8	37 000*	49.6	47.5	42 700*	53.0	48.4	47 200*	56.3	49.1	47 600	61.4	49.9	46 100							22.0
24.0	41.1	44.7	33 600*	43.8	45.6	37 300*	47.5	46.7	41 500*	51.1	47.6	43 000	56.5	48.6	41 700							24.0
26.0	34.1	42.0	30 000*	37.2	43.2	32 800*	41.5	44.6	37 000*	45.4	45.7	38 900	51.3	47.1	37 700	56.5	47.9	36 400				26.0
28.0	25.5	38.4	26 500*	29.4	40.0	29 100*	34.6	42.0	33 200*	39.1	43.5	35 400	45.6	45.3	34 300	51.3	46.4	33 200				28.0
30.0	11.8	32.2	19 400*	18.9	35.4	24 000*	26.1	38.4	28 800*	31.7	40.6	32 200*	39.3	43.0	31 400	45.7	44.6	30 400				30.0
32.0							13.1	32.5	22 000*	22.2	36.5	27 800*	32.0	40.2	28 900	39.4	42.4	28 000	45.5	43.7	27 100	32.0
34.0													22.6	36.2	26 800	32.1	39.5	25 900	39.2	41.4	25 100	34.0
36.0																22.7	35.5	24 000	31.9	38.5	23 200	36.0
38.0																			22.5	34.5	21 700	38.0

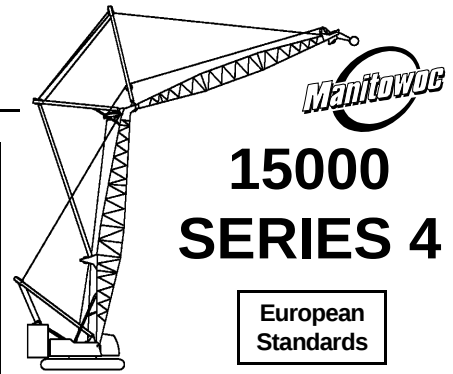
24.5m (80 Ft.) Boom, 30.5m (100 Ft.) Luffing Jib

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.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	
11.0	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	54 900*	65.9	54.4	58 000*													18.0
20.0	57.0	52.3	41 100*	58.9	52.8	49 500*	61.7	53.4	52 600	64.4	53.8	51 600										20.0
22.0	52.3	50.8	36 800*	54.4	51.4	43 200*	57.3	52.1	47 200*	60.1	52.7	46 800										22.0
24.0	47.4	49.1	33 500*	49.5	49.8	37 800*	52.6	50.7	41 300*	55.6	51.4	42 700	60.2	52.2	41 300							24.0
26.0	41.9	47.0	30 200*	44.3	47.9	33 200*	47.7	49.0	36 900*	50.9	49.9	38 600	55.8	51.0	37 400							26.0
28.0	35.9	44.5	27 200*	38.5	45.6	29 600*	42.3	46.9	33 200*	45.8	48.0	35 200	51.0	49.4	34 100	55.8	50.3	33 000				28.0
30.0	28.7	41.2	24 500*	31.9	42.7	26 600*	36.3	44.4	30 000*	40.2	45.8	32 000*	46.0	47.6	31 200	51.1	48.7	30 200				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	29 000*	40.4	45.4	28 700	46.0	46.9	27 800	51.0	47.8	26 800	32.0
34.0							19.8	36.7	22 400*	26.1	39.5	26 300*	34.1	42.7	26 600	40.4	44.7	25 700	45.9	46.0	24 800	34.0
36.0										15.0	34.0	21 100*	26.4	39.2	24 700	34.1	42.0	23 800	40.3	43.8	23 000	36.0
38.0													15.5	33.7	22 600	26.5	38.5	22 200	34.0	41.1	21 400	38.0
40.0																			26.3	37.5	20 000	40.0
42.0																			15.3	32.1	18 700	42.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A On Boom No. 57
107 680 kg Crane Counterweight
52 160 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 4

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	53 600*	68.2	57.7	56 000*													18.0
20.0	60.3	55.9	41 200*	62.0	56.3	48 900*	64.5	56.8	52 000	66.8	57.2	50 900										20.0
22.0	56.3	54.6	36 800*	58.0	55.1	43 300*	60.6	55.7	46 800	63.0	56.2	46 200										22.0
24.0	52.0	53.1	33 400*	53.9	53.7	38 200*	56.5	54.5	41 400*	59.1	55.1	42 200										24.0
26.0	47.5	51.4	30 400*	49.5	52.1	33 600*	52.3	53.0	36 800*	55.0	53.7	38 600	59.3	54.6	37 300							26.0
28.0	42.6	49.4	27 300*	44.8	50.2	30 000*	47.8	51.3	33 100*	50.7	52.2	35 100	55.2	53.3	34 000							28.0
30.0	37.2	46.9	24 700*	39.6	47.9	26 900*	42.9	49.3	30 000*	46.1	50.4	32 000*	50.9	51.7	31 100	55.2	52.6	30 100				30.0
32.0	31.0	43.9	22 500*	33.8	45.2	24 400*	37.6	46.8	27 400*	41.0	48.2	29 000*	46.2	49.9	28 700	50.9	51.0	27 700				32.0
34.0	23.4	39.9	20 200*	26.9	41.7	22 000*	31.4	43.9	24 800*	35.4	45.6	26 500*	41.2	47.8	26 500	46.3	49.2	25 600	50.8	50.1	24 800	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	24 400*	35.7	45.2	24 600	41.3	47.1	23 800	46.2	48.3	23 000	36.0
38.0							12.6	33.6	17 100*	20.5	37.8	21 300*	29.2	42.0	23 000	35.7	44.5	22 200	41.2	46.2	21 400	38.0
40.0													20.9	37.5	21 300	29.2	41.3	20 700	35.6	43.6	20 000	40.0
42.0																21.0	36.9	19 400	29.1	40.3	18 700	42.0
44.0																			20.7	35.9	17 500	44.0

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

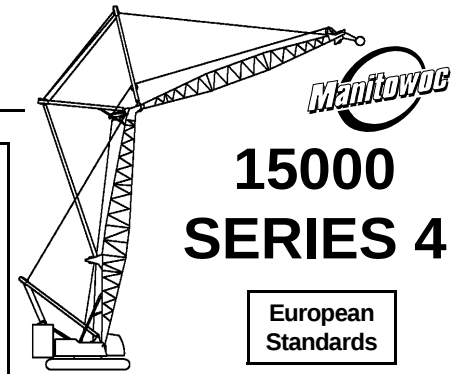
Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib 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	48 000*	66.7	60.2	50 300													20.0
22.0	59.4	58.2	37 200*	61.0	58.7	43 500*	63.3	59.2	46 400	65.5	59.6	45 400										22.0
24.0	55.7	56.9	33 600*	57.3	57.4	38 300*	59.7	58.1	41 500*	62.0	58.6	41 400										24.0
26.0	51.8	55.4	30 700*	53.5	56.0	34 300*	55.9	56.8	36 800*	58.3	57.4	38 100	62.1	58.1	36 800							26.0
28.0	47.6	53.7	27 700*	49.4	54.4	30 600*	52.0	55.3	33 000*	54.5	56.0	35 000	58.5	56.9	33 800							28.0
30.0	43.2	51.7	25 000*	45.1	52.5	27 400*	47.9	53.6	29 900*	50.5	54.5	31 800	54.7	55.6	30 900							30.0
32.0	38.3	49.3	22 700*	40.5	50.3	24 800*	43.5	51.6	27 300*	46.3	52.7	28 900*	50.7	54.0	28 400	54.7	54.9	27 400				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	26 400*	46.5	52.2	26 300	50.7	53.3	25 400				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	24 200*	41.9	50.1	24 400	46.5	51.5	23 600	50.6	52.4	22 700	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	22 300*	36.9	47.6	22 800	42.0	49.4	21 900	46.4	50.6	21 100	38.0
40.0							18.5	38.0	17 400*	24.1	41.1	20 400*	31.3	44.6	21 300	37.0	47.0	20 500	41.9	48.5	19 700	40.0
42.0										14.3	35.1	16 500*	24.4	40.7	19 900	31.3	43.9	19 200	36.9	46.0	18 500	42.0
44.0													14.7	34.9	17 900	24.5	40.1	18 000	31.2	43.0	17 300	44.0
46.0																			24.3	39.1	16 300	46.0
48.0																			14.6	33.2	15 300	48.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A On Boom No. 57
107 680 kg Crane Counterweight
52 160 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



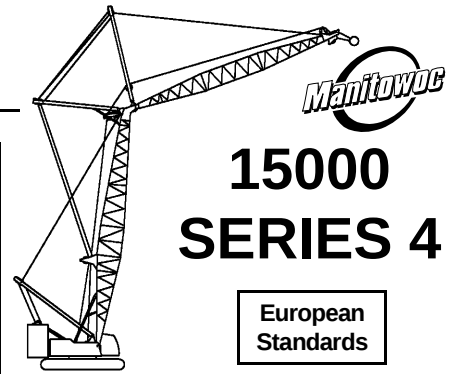
24.5m (80 Ft.) Boom, 39.6m (130 Ft.) Luffing Jib

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.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	
13.7	75.0	65.1	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	46 900*	68.6	63.5	48 600*													20.0
22.0	62.0	61.7	37 400*	63.4	62.1	43 000*	65.5	62.6	45 600													22.0
24.0	58.7	60.6	33 700*	60.1	61.0	38 200*	62.2	61.6	41 200	64.3	62.0	40 800										24.0
26.0	55.2	59.2	30 700*	56.7	59.8	34 100*	58.9	60.4	36 600*	61.0	61.0	37 500										26.0
28.0	51.6	57.7	27 800*	53.1	58.3	30 800*	55.4	59.1	32 800*	57.6	59.7	34 700	61.1	60.5	33 500							28.0
30.0	47.7	56.0	25 100*	49.4	56.7	27 700*	51.8	57.6	29 700*	54.1	58.4	31 700	57.8	59.3	30 800							30.0
32.0	43.7	54.0	22 900*	45.4	54.8	25 000*	48.0	55.9	27 100*	50.4	56.8	28 700*	54.2	57.9	28 300	57.8	58.6	27 300				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	26 200*	50.6	56.3	26 100	54.3	57.2	25 200				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	24 000*	46.7	54.5	24 300	50.6	55.6	23 400				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	22 100*	42.5	52.5	22 600	46.7	53.8	21 800				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	20 500*	38.0	50.0	21 100	42.6	51.8	20 300	46.6	52.9	19 600	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	19 000*	32.9	47.2	19 800	38.0	49.4	19 000	42.5	50.8	18 300	42.0
44.0							12.2	34.7	13 500*	19.2	39.2	16 600*	27.0	43.6	18 600	33.0	46.5	17 800	37.9	48.4	17 200	44.0
46.0													19.5	38.8	17 300	27.1	43.0	16 800	32.9	45.6	16 100	46.0
48.0																19.6	38.2	15 800	26.9	42.0	15 200	48.0
50.0																			19.4	37.2	14 300	50.0

Liftcrane Luffing Jib Capacities

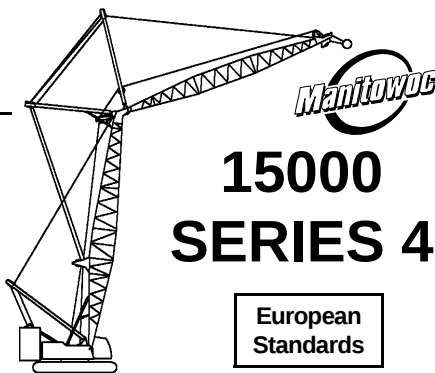
Luffing Jib No. 149A On Boom No. 57
107 680 kg Crane Counterweight
52 160 kg Carbody Counterweight
360 Degree Rating

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.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	
15.2	74.0	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	45 300*	70.2	66.7	46 700*													20.0
22.0	64.2	65.2	37 800*	65.5	65.5	42 300*	67.3	65.9	44 200													22.0
24.0	61.1	64.1	33 900*	62.5	64.5	38 000*	64.4	65.0	40 900	66.3	65.4	40 100										24.0
26.0	58.0	62.9	30 700*	59.4	63.4	33 900*	61.3	64.0	36 400*	63.3	64.4	36 900										26.0
28.0	54.8	61.6	27 900*	56.2	62.1	30 500*	58.2	62.8	32 600*	60.2	63.3	34 100										28.0
30.0	51.4	60.0	25 200*	52.9	60.7	27 700*	55.0	61.4	29 500*	57.0	62.1	31 400	60.3	62.8	30 400							30.0
32.0	47.8	58.3	22 900*	49.4	59.0	25 100*	51.6	59.9	26 800*	53.8	60.7	28 400*	57.2	61.6	28 000							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	25 900*	53.9	60.2	25 900	57.2	60.9	24 900				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	23 800*	50.5	58.6	24 000	53.9	59.5	23 100				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	21 900*	46.8	56.8	22 300	50.5	57.9	21 500				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	20 200*	43.0	54.8	20 900	46.9	56.2	20 100	50.4	57.0	19 300	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	18 700*	38.9	52.4	19 500	43.0	54.1	18 800	46.8	55.2	18 000	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	17 400*	34.3	49.7	18 300	38.9	51.8	17 600	43.0	53.2	16 900	44.0
46.0							17.5	39.2	13 600*	22.6	42.5	16 100*	29.1	46.4	17 200	34.4	49.0	16 500	38.8	50.8	15 900	46.0
48.0										13.7	36.2	13 000*	22.9	42.2	16 200	29.2	45.7	15 600	34.2	48.1	14 900	48.0
50.0													14.2	36.0	14 200*	22.9	41.5	14 700	29.0	44.8	14 100	50.0
52.0																			22.8	40.5	13 300	52.0
54.0																			14.0	34.3	12 500	54.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A On Boom No. 57
107 680 kg Crane Counterweight
52 160 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

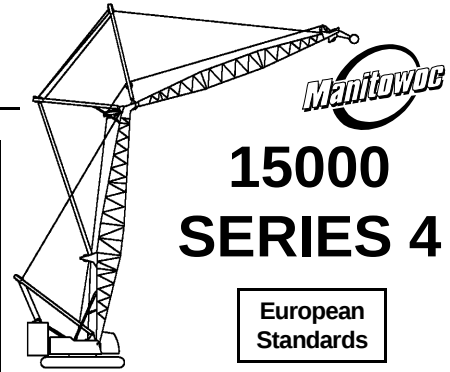
24.5m (80 Ft.) Boom, 45.7m (150 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	
15.2	75.0	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*	69.9	69.7	43 600*																20.0
22.0	66.0	68.6	38 800*	67.2	68.9	41 200*	68.9	69.2	42 600*													22.0
24.0	63.2	67.6	34 200*	64.4	67.9	37 800*	66.2	68.4	40 300													24.0
26.0	60.4	66.5	30 900*	61.6	66.9	33 800*	63.4	67.4	36 300*	65.2	67.8	36 400										26.0
28.0	57.4	65.3	28 000*	58.7	65.7	30 400*	60.6	66.3	32 500*	62.4	66.8	33 700										28.0
30.0	54.4	63.9	25 200*	55.7	64.4	27 600*	57.6	65.1	29 400*	59.5	65.7	31 200										30.0
32.0	51.2	62.3	23 000*	52.6	63.0	25 200*	54.6	63.7	26 700*	56.5	64.4	28 400*	59.6	65.2	27 900							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	25 800*	56.6	63.9	25 800							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	23 700*	53.6	62.5	23 900							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	21 800*	50.4	60.9	22 300	53.6	61.8	21 400				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	20 100*	47.0	59.1	20 800	50.4	60.2	20 000				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	18 700*	43.4	57.1	19 500	47.0	58.5	18 700	50.3	59.3	17 900	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	17 300*	39.6	54.8	18 300	43.5	56.4	17 500	46.9	57.5	16 800	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	16 100*	35.5	52.2	17 200	39.7	54.1	16 500	43.4	55.5	15 800	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	15 100*	30.8	49.0	16 200	35.5	51.5	15 500	39.6	53.2	14 800	48.0
50.0							12.0	35.8	10 700*	18.2	40.4	13 200*	25.4	45.2	15 100*	30.9	48.4	14 600	35.4	50.5	14 000	50.0
52.0													18.5	40.1	14 000*	25.5	44.6	13 800	30.7	47.4	13 200	52.0
54.0																18.6	39.5	13 000	25.3	43.6	12 500	54.0
56.0																			18.4	38.5	11 800	56.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A On Boom No. 57
107 680 kg Crane Counterweight
52 160 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

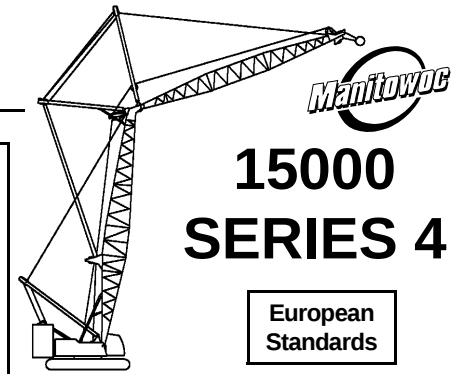
Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	
16.8	74.1	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	37 400*	67.8	71.7	38 600*													24.0
26.0	62.4	70.0	31 600*	63.5	70.4	33 800*	65.2	70.8	36 400*	66.8	71.2	35 800										26.0
28.0	59.7	68.8	28 500*	60.9	69.3	30 400*	62.6	69.8	32 500*	64.2	70.2	33 100										28.0
30.0	56.9	67.6	25 700*	58.1	68.1	27 600*	59.9	68.7	29 300*	61.6	69.2	30 700										30.0
32.0	54.1	66.2	23 300*	55.3	66.7	25 100*	57.1	67.4	26 600*	58.9	68.0	28 300	61.7	68.7	27 500							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	25 700*	59.0	67.6	25 600							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	23 500*	56.2	66.3	23 700							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	21 600*	53.3	64.8	22 000							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	20 000*	50.3	63.2	20 500	53.3	64.1	19 700				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	18 500*	47.1	61.4	19 200	50.3	62.5	18 500				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	17 200*	43.8	59.4	18 000	47.2	60.8	17 300	50.2	61.6	16 600	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	16 000*	40.3	57.2	17 000	43.8	58.8	16 200	47.1	59.8	15 600	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	14 900*	36.4	54.6	15 900	40.3	56.5	15 300	43.8	57.8	14 600	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	14 900*	36.5	53.9	14 400	40.2	55.6	13 800	50.0
52.0							16.8	40.4	10 800*	21.4	43.9	12 900*	27.4	48.1	13 900*	32.3	51.0	13 600	36.4	53.0	13 000	52.0
54.0										13.3	37.3	10 400*	21.7	43.6	13 000*	27.5	47.4	12 800	32.1	50.0	12 200	54.0
56.0													13.7	37.1	11 500*	21.7	43.0	12 100	27.3	46.4	11 600	56.0
58.0																			21.6	42.0	10 900	58.0
60.0																			13.6	35.5	10 400	60.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A On Boom No. 57
107 680 kg Crane Counterweight
52 160 kg Carbody Counterweight
360 Degree Rating

Maximum Operating Wind Speeds (all boom lengths)

13 m/s with 21.3m thru 33.5m Luffing Jib
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9 m/s with 45.7m thru 51.8m Luffing Jib
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5 m/s with 70.1m and 73.2m Luffing Jib



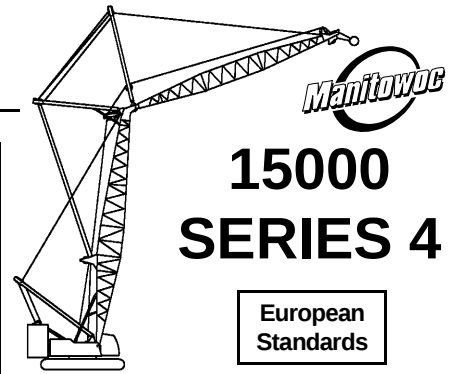
24.5m (80 Ft.) Boom, 51.8m (170 Ft.) Luffing Jib

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.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	
16.8	75.1	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	35 900*	69.2	75.0	35 100*													24.0
26.0	64.2	73.4	31 300*	65.2	73.7	33 600*	66.8	74.2	34 900*													26.0
28.0	61.7	72.4	28 700*	62.7	72.7	30 200*	64.3	73.2	32 400*	65.9	73.6	32 600										28.0
30.0	59.1	71.2	25 700*	60.2	71.7	27 300*	61.8	72.2	29 100*	63.4	72.7	30 300										30.0
32.0	56.5	69.9	23 400*	57.6	70.4	24 900*	59.3	71.1	26 400*	60.9	71.6	28 100										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	25 500*	61.0	71.1	25 300							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	23 300*	58.4	69.9	23 500							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	21 400*	55.8	68.6	21 800							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	19 700*	53.0	67.1	20 400	55.8	67.9	19 600				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	18 300*	50.2	65.5	19 000	53.1	66.4	18 300				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	16 900*	47.2	63.7	17 800	50.2	64.8	17 100				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	15 800*	44.1	61.8	16 800	47.3	63.1	16 000	50.2	63.9	15 300	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	14 700*	40.8	59.5	15 800	44.2	61.1	15 100	47.2	62.1	14 400	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	14 700*	40.9	58.9	14 200	44.1	60.2	13 600	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	13 700*	37.3	56.4	13 400	40.8	57.9	12 800	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	12 800*	33.4	53.5	12 600	37.2	55.4	12 100	54.0
56.0							11.8	36.9	8 300*	17.5	41.7	10 500*	24.1	46.7	12 000*	29.1	50.2	12 000	33.3	52.5	11 400	56.0
58.0													17.7	41.4	11 200*	24.1	46.1	11 300	29.0	49.2	10 800	58.0
60.0																17.8	40.7	10 700	24.0	45.1	10 200	60.0
62.0																			17.6	39.7	9 700	62.0
64.0																			6.8	30.1	9 100	64.0

Liftcrane Luffing Jib Capacities

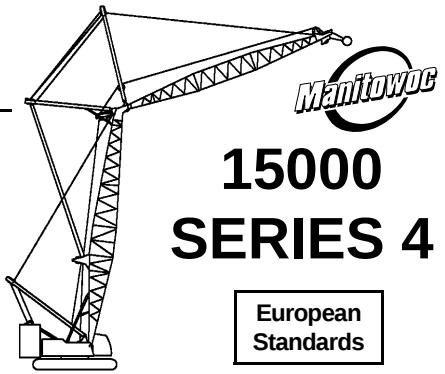
Luffing Jib No. 149A On Boom No. 57
107 680 kg Crane Counterweight
52 160 kg Carbody Counterweight
360 Degree Rating

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, 54.9m (180 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	
16.8	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	30 800*	67.3	76.9	32 000										28.0
30.0	61.0	74.7	26 000*	62.0	75.1	27 100*	63.5	75.7	29 100*	65.0	76.0	29 700										30.0
32.0	58.6	73.6	23 400*	59.6	74.0	24 600*	61.2	74.6	26 200*	62.7	75.0	27 700										32.0
34.0	56.1	72.2	21 300*	57.2	72.8	22 500*	58.7	73.4	23 800*	60.3	73.9	25 300*										34.0
36.0	53.5	70.8	19 600*	54.6	71.4	20 700*	56.2	72.1	21 800*	57.8	72.7	23 100*	60.4	73.5	23 200							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	21 200*	57.9	72.2	21 600							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	19 500*	55.4	70.9	20 100							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	18 000*	52.8	69.4	18 800	55.4	70.2	18 000				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	16 700*	50.1	67.8	17 600	52.8	68.8	16 800				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	15 500*	47.3	66.0	16 500	50.2	67.1	15 800				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	14 400*	44.4	64.1	15 500	47.4	65.4	14 800	50.1	66.2	14 200	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	14 500*	44.4	63.4	14 000	47.3	64.4	13 300	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	13 500*	41.3	61.2	13 200	44.4	62.5	12 500	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	12 600*	38.0	58.8	12 400	41.3	60.3	11 800	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	11 800*	34.5	56.0	11 700	38.0	57.8	11 100	56.0
58.0							16.1	41.6	8 400*	20.4	45.3	10 200*	26.0	49.7	11 000*	30.5	52.8	11 100	34.4	55.0	10 500	58.0
60.0										13.0	38.5	8 100*	20.7	45.0	10 300*	26.1	49.0	10 500	30.4	51.8	10 000	60.0
62.0													13.3	38.2	9 100*	20.7	44.3	9 900	26.0	48.1	9 400	62.0
64.0																13.4	37.6	9 400	20.6	43.3	8 900	64.0
66.0																			13.2	36.6	8 400	66.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A On Boom No. 57
107 680 kg Crane Counterweight
52 160 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		

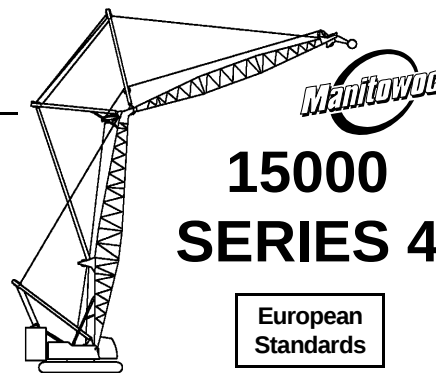
24.5m (80 Ft.) Boom, 57.9m (190 Ft.) Luffing Jib

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	27 400*	66.4	79.4	28 900										30.0
32.0	60.4	77.1	23 400*	61.4	77.5	24 500*	62.8	78.1	26 000*	64.2	78.5	27 300										32.0
34.0	58.1	75.9	21 300*	59.1	76.4	22 400*	60.6	76.9	23 700*	62.0	77.4	25 100*										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	22 900*										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	21 000*	59.8	75.8	21 500							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	19 300*	57.5	74.6	20 100							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	17 900*	55.1	73.2	18 700							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	16 500*	52.6	71.7	17 500	55.1	72.5	16 800				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	15 400*	50.1	70.1	16 500	52.6	71.1	15 700				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	14 300*	47.4	68.3	15 400	50.1	69.4	14 700				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	14 300*	47.4	67.7	13 900	50.0	68.5	13 200	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	13 300*	44.7	65.7	13 100	47.4	66.7	12 400	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	12 500*	41.8	63.5	12 300	44.6	64.8	11 700	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	11 600*	38.7	61.2	11 600	41.7	62.6	11 100	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	10 900*	35.4	58.5	11 000	38.6	60.2	10 400	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	10 200*	31.8	55.4	10 400	35.3	57.5	9 900	60.0
62.0							11.6	38.0	6 500*	16.8	42.9	8 300*	23.0	48.2	9 500*	27.7	51.8	9 800	31.7	54.5	9 300	62.0
64.0										6.8	33.0	6 000*	17.1	42.6	8 900*	23.0	47.6	9 300	27.6	50.9	8 800	64.0
66.0																17.2	42.0	8 800	22.9	46.6	8 300	66.0
68.0																			17.0	40.9	7 900	68.0
70.0																			7.2	31.3	7 400	70.0

Liftcrane Luffing Jib Capacities

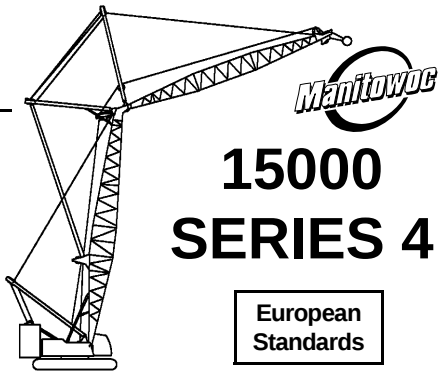
Luffing Jib No. 149A On Boom No. 57
107 680 kg Crane Counterweight
52 160 kg Carbody Counterweight
360 Degree Rating

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.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	
18.3	75.9	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	25 300*										32.0
34.0	59.9	79.5	20 900*	60.8	79.9	22 300*	62.2	80.4	23 400*	63.5	80.9	24 100*										34.0
36.0	57.7	78.2	19 900*	58.6	78.7	20 500*	60.0	79.3	21 800*	61.4	79.8	22 800*										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	21 000*	61.5	79.3	21 100							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	19 300*	59.3	78.2	19 800							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	17 800*	57.1	76.9	18 500							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	16 400*	54.8	75.6	17 300							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	15 200*	52.4	74.1	16 200	54.8	74.9	15 500				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	14 200*	50.0	72.4	15 200	52.5	73.4	14 500				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	14 200*	50.0	71.7	13 600				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	13 200*	47.5	70.0	12 800	50.0	70.8	12 200	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	12 300*	44.9	68.0	12 100	47.5	69.1	11 500	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	11 500*	42.2	65.9	11 400	44.8	67.1	10 800	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	10 700*	39.3	63.5	10 800	42.1	65.0	10 200	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	10 000*	36.2	60.9	10 200	39.2	62.6	9 600	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	9 400*	32.8	58.0	9 600	36.1	60.0	9 100	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	8 800*	29.1	54.6	9 100	32.7	57.0	8 600	64.0
66.0										12.7	39.5	6 300*	19.8	46.3	8 200*	24.9	50.6	8 600	29.0	53.6	8 100	66.0
68.0													13.1	39.4	7 200*	19.9	45.7	8 100	24.8	49.6	7 700	68.0
70.0																13.1	38.7	7 600*	19.8	44.6	7 200	70.0
72.0																			12.9	37.7	6 800	72.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A On Boom No. 57
107 680 kg Crane Counterweight
52 160 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		

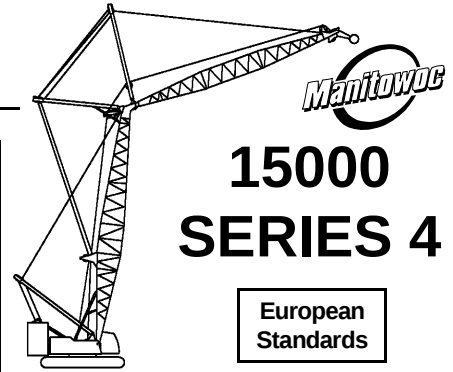
24.5m (80 Ft.) Boom, 64.0m (210 Ft.) Luffing Jib

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	22 500*										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	21 300*										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	20 200*										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	19 000*	60.9	81.7	19 400							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	17 600*	58.8	80.5	18 300							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	16 200*	56.7	79.2	17 100							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	15 000*	54.5	77.9	16 000	56.7	78.6	15 200				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	13 900*	52.3	76.4	15 000	54.5	77.2	14 300				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	14 000*	52.3	75.7	13 400				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	13 000*	50.0	74.0	12 600	52.2	74.8	12 000	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	12 100*	47.6	72.3	11 900	49.9	73.1	11 200	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	11 200*	45.1	70.3	11 200	47.5	71.3	10 600	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	10 500*	42.5	68.2	10 600	45.0	69.4	10 000	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	9 800*	39.8	65.9	10 000	42.4	67.3	9 400	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	9 200*	36.9	63.3	9 400	39.7	65.0	8 900	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	8 500*	33.7	60.5	8 900	36.8	62.4	8 400	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	8 000*	30.3	57.2	8 400	33.7	59.5	7 900	66.0
68.0							11.5	39.0	4 800*	16.3	44.1	6 300*	22.1	49.6	7 500*	26.5	53.5	7 900	30.2	56.3	7 500	68.0
70.0										7.2	34.2	4 500*	16.5	43.8	7 000*	22.1	49.0	7 400*	26.4	52.5	7 000	70.0
72.0																16.6	43.2	6 900*	22.0	48.0	6 700	72.0
74.0																			16.4	42.1	6 300	74.0
76.0																			7.6	32.5	5 900	76.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A On Boom No. 57
107 680 kg Crane Counterweight
52 160 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

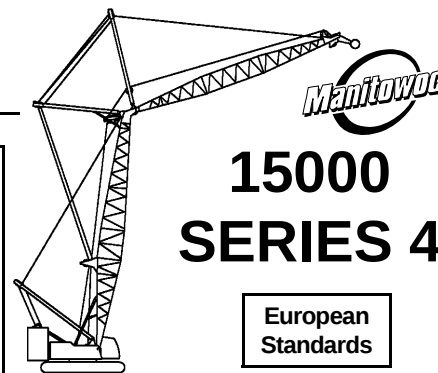
Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	
19.8	75.9	91.9	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	18 200*							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	17 300*							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	16 400*							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	15 400*							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	14 500*	56.4	80.9	14 000				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	13 600*	54.3	79.5	13 200				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	12 700*	52.2	78.0	12 400				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	11 800*	49.9	76.3	11 600	52.1	77.1	11 000	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	11 000*	47.7	74.6	11 000	49.9	75.4	10 400	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	10 300*	45.3	72.7	10 300	47.6	73.7	9 700	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	9 600*	42.8	70.6	9 700	45.2	71.7	9 200	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	8 900*	40.2	68.3	9 200	42.8	69.6	8 700	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	8 300*	37.5	65.8	8 700	40.2	67.3	8 200	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	7 800*	34.6	63.0	8 200	37.4	64.8	7 700	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	7 200*	31.4	59.8	7 700	34.5	62.0	7 200	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	6 700*	27.9	56.3	7 200*	31.3	58.9	6 800	70.0
72.0										12.5	40.6	4 600*	19.2	47.6	6 300*	23.9	52.1	6 700*	27.8	55.3	6 500	72.0
74.0													12.8	40.5	5 400*	19.2	47.0	6 200*	23.8	51.1	6 100	74.0
76.0																12.9	39.8	5 800*	19.1	45.9	5 700	76.0
78.0																			12.7	38.8	5 300	78.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A On Boom No. 57
107 680 kg Crane Counterweight
52 160 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 4**

European
Standards

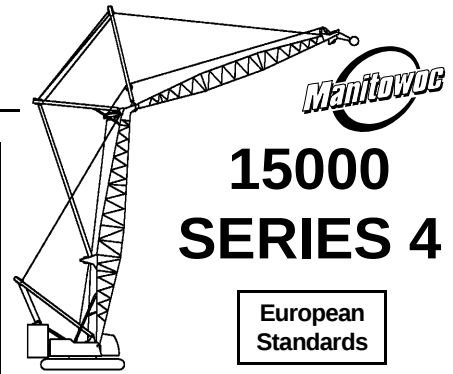
24.5m (80 Ft.) Boom, 70.1m (230 Ft.) Luffing Jib

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	19 100*										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	18 700*										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	17 100*	61.8	87.6	17 400							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	15 700*	59.9	86.4	16 600							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	14 500*	58.0	85.2	15 600							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	14 600							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	13 500*	56.1	83.2	13 000				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	12 500*	54.1	81.8	12 200				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	11 600*	52.0	80.3	11 500				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	10 800*	49.9	78.6	10 800				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	10 000*	47.7	76.9	10 200	49.9	77.7	9 600	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	9 300*	45.5	75.0	9 600	47.7	75.9	9 000	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	8 700*	43.1	72.9	9 100	45.4	74.0	8 500	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	8 100*	40.6	70.6	8 500	43.0	72.0	8 000	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	7 600*	38.0	68.2	8 000	40.6	69.7	7 600	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	7 000*	35.3	65.4	7 600	38.0	67.2	7 100	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	6 600*	32.3	62.4	7 100*	35.2	64.5	6 700	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	6 100*	29.1	59.0	6 500*	32.2	61.5	6 300	72.0
74.0							11.4	40.1	3 300*	15.8	45.3	4 600*	21.3	51.0	5 700*	25.5	55.1	6 100*	29.0	58.0	5 900	74.0
76.0										7.6	35.3	3 000*	16.1	45.0	5 300*	21.3	50.4	5 600*	25.4	54.1	5 600	76.0
78.0																16.1	44.4	5 200*	21.2	49.4	5 300	78.0
80.0																			16.0	43.3	4 900	80.0
82.0																			7.9	33.6	4 600	82.0

Liftcrane Luffing Jib Capacities

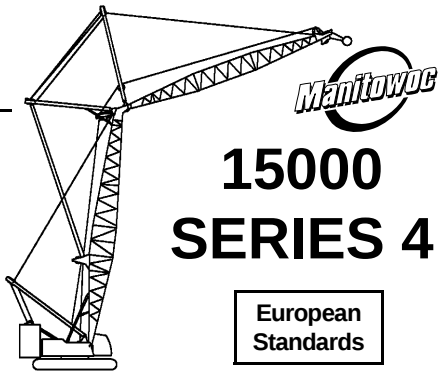
Luffing Jib No. 149A On Boom No. 57
107 680 kg Crane Counterweight
52 160 kg Carbody Counterweight
360 Degree Rating

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, 73.2m (240 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	
21.3	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	17 000*										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	16 600*										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	15 500*	61.3	89.9	15 700*							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	14 200*	59.5	88.8	15 200							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	13 200*	57.7	87.6	14 300							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	13 200*							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	12 200*	55.8	85.5	12 000				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	11 300*	53.9	84.1	11 200				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	10 500*	51.9	82.6	10 600				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	9 800*	49.9	80.9	9 900	51.8	81.7	9 400	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	9 100*	47.8	79.2	9 400	49.8	80.0	8 800	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	8 400*	45.6	77.3	8 800	47.7	78.3	8 200	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	7 800*	43.4	75.2	8 300	45.6	76.3	7 800	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	7 300*	41.0	73.0	7 800	43.3	74.3	7 300	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	6 800*	38.6	70.6	7 300*	41.0	72.1	6 900	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	6 300*	35.9	67.9	6 800*	38.5	69.6	6 500	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	5 900*	33.2	64.9	6 300*	35.9	66.9	6 000	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	5 800*	33.1	64.0	5 700	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	5 400*	30.1	60.7	5 300	76.0
78.0										12.3	41.7	3 200*	18.6	48.9	4 600*	23.1	53.6	5 000*	26.8	57.0	5 000	78.0
80.0													12.6	41.6	4 000*	18.6	48.2	4 600*	23.0	52.6	4 700	80.0
82.0																12.7	41.0	4 200*	18.5	47.2	4 400	82.0
84.0																			12.5	39.9	4 100	84.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A On Boom No. 57
107 680 kg Crane Counterweight
52 160 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.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	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	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	58 700*b										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	52 400*	61.0	47.3	51 400*b							20.0
22.0	29.1	40.0	38 300*	34.2	41.5	42 100*	40.7	43.3	44 600*	46.3	44.6	47 400*	54.5	46.0	46 400							22.0
24.0	13.6	34.6	28 700*	22.4	37.6	35 800*	31.3	40.4	40 900*	38.1	42.3	43 000	47.5	44.3	41 600							24.0
26.0										28.0	39.1	38 800	39.6	42.2	37 600	48.5	43.8	36 300				26.0
28.0													29.9	39.2	34 200	40.7	41.7	33 000	49.2	43.0	31 900	28.0
30.0													15.2	34.1	31 300	31.3	38.8	30 300	41.5	41.0	29 200	30.0
32.0																17.9	34.3	27 900	32.4	38.2	26 900	32.0
34.0																			19.6	33.9	24 800	34.0

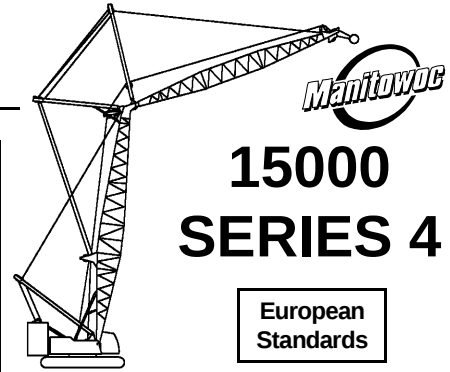
27.5m (90 Ft.) Boom, 24.4m (80 Ft.) Luffing Jib

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.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	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	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	57 500*										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	51 600*										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	46 600*	59.6	49.7	45 700							22.0
24.0	32.3	42.6	35 000*	36.3	44.0	38 000*	41.8	45.7	40 100*	46.6	46.9	42 500*	53.9	48.3	41 400							24.0
26.0	21.5	38.5	29 800*	27.2	40.7	33 500*	34.0	43.0	37 000*	39.7	44.7	38 700	47.7	46.6	37 300	54.7	47.7	36 000				26.0
28.0							24.0	39.2	32 600*	31.4	41.8	35 300	40.9	44.5	34 000	48.6	46.1	32 800				28.0
30.0										20.2	37.5	31 100	32.9	41.8	31 200	41.8	44.1	30 000	49.2	45.3	29 000	30.0
32.0																34.0	41.4	27 700	42.5	43.3	26 700	32.0
34.0																24.1	37.7	25 600	34.9	40.7	24 600	34.0
36.0																			25.2	37.1	22 800	36.0
38.0																			7.4	29.9	21 200	38.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A On Boom No. 57
107 680 kg Crane Counterweight
52 160 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	

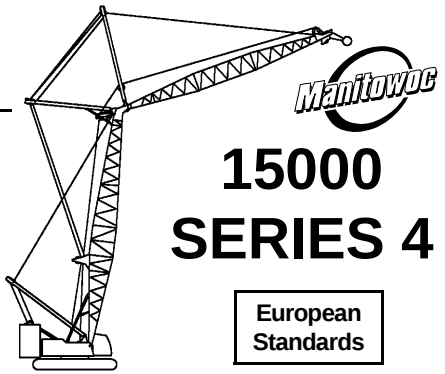


27.5m (90 Ft.) Boom, 27.4m (90 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
11.6	73.0	56.0	66 800*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	50 700*										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	46 000*										22.0
24.0	41.4	47.8	34 200*	44.4	48.8	37 400*	48.6	50.0	39 600*	52.5	51.0	42 000*	58.4	52.0	41 100							24.0
26.0	34.5	45.2	31 800*	37.9	46.4	34 600*	42.6	48.0	36 500*	46.9	49.2	38 500	53.3	50.6	37 200							26.0
28.0	26.0	41.6	28 600*	30.3	43.4	31 400*	35.9	45.5	33 700*	40.8	47.1	35 200	47.9	48.9	33 900	54.0	50.1	32 700				28.0
30.0	12.9	35.7	21 600*	20.2	39.0	26 100*	27.8	42.2	30 400*	33.8	44.4	32 200	41.9	46.9	31 000	48.6	48.4	29 900				30.0
32.0							16.3	37.0	25 200*	25.0	40.7	29 700	35.0	44.3	28 600	42.7	46.4	27 500	49.2	47.6	26 500	32.0
34.0													26.6	40.8	26 400	36.0	43.9	25 500	43.3	45.6	24 500	34.0
36.0													14.1	35.2	24 500	27.9	40.6	23 600	36.7	43.2	22 700	36.0
38.0																16.4	35.5	22 000	28.8	40.0	21 200	38.0
40.0																			17.8	35.1	19 700	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.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
11.6	74.7	59.2	64 700*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	49 700*										20.0
22.0	52.6	53.9	37 200*	54.8	54.6	39 900*	58.1	55.4	42 500*	61.2	56.0	45 100*										22.0
24.0	47.6	52.2	33 800*	50.0	53.0	36 700*	53.5	54.0	38 900*	56.8	54.7	41 200*										24.0
26.0	42.2	50.1	31 200*	44.9	51.1	34 000*	48.6	52.3	35 900*	52.1	53.3	37 900*	57.5	54.4	37 000							26.0
28.0	36.2	47.6	29 100*	39.2	48.8	31 500*	43.3	50.3	33 300*	47.1	51.5	34 900	52.9	52.9	33 600							28.0
30.0	29.1	44.4	26 600*	32.7	46.0	28 600*	37.4	47.9	30 600*	41.7	49.4	32 000	48.0	51.2	30 800	53.5	52.4	29 700				30.0
32.0	19.7	39.8	22 400*	24.6	42.2	24 900*	30.6	44.8	27 900*	35.6	46.8	29 500	42.6	49.2	28 400	48.7	50.7	27 300				32.0
34.0							21.8	40.7	24 300*	28.3	43.5	27 100*	36.6	46.7	26 200	43.4	48.7	25 200	49.2	49.9	24 200	34.0
36.0										18.5	38.7	23 600*	29.6	43.6	24 400	37.5	46.3	23 400	43.9	48.0	22 500	36.0
38.0													20.5	39.2	22 700	30.6	43.3	21 800	38.1	45.6	20 900	38.0
40.0																21.9	39.1	20 400	31.4	42.6	19 500	40.0
42.0																			22.9	38.6	18 300	42.0
44.0																			8.1	31.0	17 100	44.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A On Boom No. 57
107 680 kg Crane Counterweight
52 160 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	44 400*										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	40 600*										24.0
26.0	47.8	54.5	30 900*	50.0	55.3	33 400*	53.1	56.3	35 300*	56.1	57.0	37 400*	60.8	57.9	36 600							26.0
28.0	42.9	52.5	28 700*	45.3	53.4	31 100*	48.7	54.6	32 800*	51.8	55.6	34 500*	56.8	56.7	33 600							28.0
30.0	37.5	50.0	26 900*	40.2	51.2	28 600*	43.9	52.6	30 400*	47.3	53.8	31 900	52.6	55.2	30 800							30.0
32.0	31.4	47.1	24 800*	34.4	48.5	26 100*	38.6	50.3	27 900*	42.4	51.8	29 500	48.1	53.5	28 300	53.1	54.7	27 200				32.0
34.0	23.8	43.1	21 500*	27.7	45.1	23 600*	32.6	47.4	25 500*	37.0	49.3	27 200*	43.2	51.5	26 200	48.7	53.0	25 200				34.0
36.0	12.4	36.7	16 900*	18.8	40.3	20 000*	25.4	43.7	23 100*	30.7	46.2	24 900*	37.9	49.2	24 400	43.9	51.1	23 400	49.1	52.2	22 400	36.0
38.0							15.3	38.2	19 500*	23.0	42.2	22 600*	31.8	46.2	22 700	38.7	48.7	21 800	44.4	50.3	20 900	38.0
40.0													24.4	42.4	21 200	32.7	45.9	20 300	39.2	48.0	19 500	40.0
42.0													13.5	36.3	19 500	25.5	42.2	19 100	33.3	45.2	18 300	42.0
44.0																15.4	36.6	17 800	26.3	41.6	17 100	44.0
46.0																			16.7	36.3	16 100	46.0

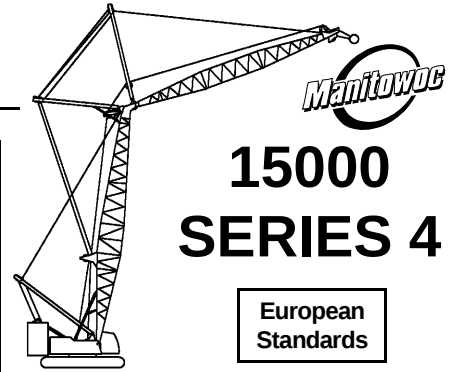
27.5m (90 Ft.) Boom, 36.6m (120 Ft.) Luffing Jib

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	43 500*										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	39 800*										24.0
26.0	52.0	58.5	30 900*	53.9	59.2	32 800*	56.6	60.0	34 700*	59.3	60.7	36 600*										26.0
28.0	47.9	56.8	28 500*	49.9	57.6	30 500*	52.8	58.6	32 100*	55.5	59.4	33 900*	59.9	60.3	33 200							28.0
30.0	43.4	54.8	26 600*	45.6	55.7	28 400*	48.7	56.9	29 900*	51.6	57.9	31 500*	56.2	59.0	30 500							30.0
32.0	38.6	52.5	24 800*	41.0	53.5	26 000*	44.3	55.0	27 700*	47.4	56.1	29 300	52.3	57.5	28 100	56.7	58.4	26 900				32.0
34.0	33.2	49.6	22 500*	35.9	51.0	23 900*	39.6	52.7	25 400*	43.0	54.1	27 000	48.1	55.8	26 000	52.8	57.0	24 900				34.0
36.0	26.8	46.1	20 300*	30.0	47.8	21 900*	34.3	50.0	23 300*	38.1	51.7	24 700*	43.7	53.9	24 100	48.7	55.3	23 100				36.0
38.0	18.4	41.1	17 400*	22.8	43.7	19 200*	28.1	46.6	21 600*	32.6	48.8	22 800*	38.9	51.5	22 500	44.4	53.4	21 500	49.1	54.5	20 600	38.0
40.0							20.3	42.0	18 800*	26.1	45.2	21 000*	33.6	48.8	21 000	39.6	51.1	20 100	44.8	52.6	19 200	40.0
42.0										17.4	40.0	18 500*	27.3	45.3	19 600	34.3	48.4	18 800	40.1	50.4	18 000	42.0
44.0													19.1	40.5	18 400	28.2	45.0	17 700	34.9	47.7	16 900	44.0
46.0																20.4	40.5	16 600	28.8	44.4	15 900	46.0
48.0																			21.2	40.0	14 900	48.0
50.0																			8.5	32.1	14 000	50.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A On Boom No. 57
107 680 kg Crane Counterweight
52 160 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

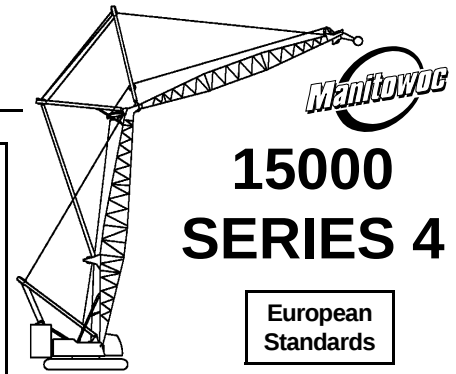
Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	
13.7	75.1	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	39 100*										24.0
26.0	55.4	62.3	30 900*	57.1	62.9	32 400*	59.5	63.6	34 200*	61.9	64.2	36 100*										26.0
28.0	51.8	60.8	28 500*	53.5	61.5	30 100*	56.1	62.3	31 800*	58.5	63.0	33 400*										28.0
30.0	48.0	59.1	26 400*	49.8	59.9	28 100*	52.5	60.9	29 600*	55.0	61.7	31 100*	59.1	62.7	30 300							30.0
32.0	43.9	57.1	24 800*	45.9	58.0	25 800*	48.7	59.2	27 500*	51.4	60.2	28 900*	55.6	61.3	27 900							32.0
34.0	39.5	54.8	22 500*	41.6	55.9	23 700*	44.7	57.3	25 200*	47.6	58.4	26 900*	52.0	59.8	25 800	56.1	60.8	24 700				34.0
36.0	34.6	52.1	20 500*	37.0	53.4	21 800*	40.4	55.1	23 200*	43.5	56.4	24 500*	48.2	58.2	23 900	52.5	59.3	22 900				36.0
38.0	29.0	48.8	18 800*	31.8	50.4	20 200*	35.6	52.4	21 400*	39.0	54.1	22 600*	44.2	56.2	22 300	48.7	57.6	21 300				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	20 900*	39.8	53.9	20 800	44.7	55.7	19 900	49.1	56.8	19 000	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	19 400*	35.0	51.2	19 500	40.4	53.5	18 600	45.1	54.9	17 800	42.0
44.0							14.6	39.3	15 300*	21.4	43.6	17 600*	29.5	48.0	18 300	35.7	50.9	17 500	40.8	52.7	16 700	44.0
46.0													22.7	43.8	17 200	30.3	47.7	16 500	36.1	50.2	15 700	46.0
48.0													13.0	37.4	15 700	23.8	43.7	15 500	30.8	47.1	14 800	48.0
50.0																14.7	37.8	14 500	24.5	43.2	13 900	50.0
52.0																			15.8	37.5	13 100	52.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A On Boom No. 57
107 680 kg Crane Counterweight
52 160 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



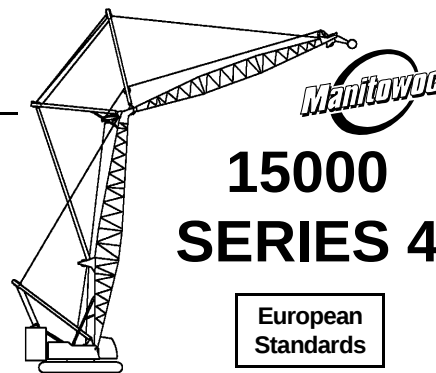
27.5m (90 Ft.) Boom, 42.7m (140 Ft.) Luffing Jib

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.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	
15.2	74.1	70.9	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	33 500*	64.1	67.6	35 400*										26.0
28.0	54.9	64.6	28 400*	56.5	65.2	29 500*	58.8	66.0	31 100*	61.0	66.6	32 800*										28.0
30.0	51.6	63.1	26 400*	53.2	63.8	27 500*	55.6	64.7	29 000*	57.9	65.4	30 500*										30.0
32.0	48.0	61.4	24 500*	49.7	62.2	25 500*	52.2	63.2	27 100*	54.6	64.0	28 400*	58.4	65.0	27 700							32.0
34.0	44.3	59.4	22 500*	46.1	60.3	23 400*	48.7	61.5	24 900*	51.2	62.5	26 500*	55.2	63.7	25 600							34.0
36.0	40.2	57.2	20 500*	42.2	58.2	21 600*	45.0	59.6	22 900*	47.7	60.7	24 300*	51.8	62.2	23 700	55.6	63.1	22 700				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	22 400*	48.3	60.5	22 100	52.3	61.6	21 100				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	20 600*	44.5	58.5	20 600	48.8	59.9	19 700				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	19 100*	40.5	56.3	19 300	45.0	58.0	18 400	49.1	59.1	17 500	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	17 800*	36.1	53.7	18 100	41.1	55.8	17 200	45.4	57.2	16 400	44.0
46.0							19.1	43.3	14 800*	24.4	46.7	16 500*	31.2	50.7	17 000	36.8	53.3	16 200	41.5	55.1	15 400	46.0
48.0										16.5	41.2	14 500*	25.5	46.8	16 000	31.9	50.3	15 300	37.2	52.6	14 500	48.0
50.0													18.0	41.7	15 100	26.3	46.7	14 400	32.4	49.7	13 700	50.0
52.0																19.2	41.7	13 500	26.9	46.1	12 900	52.0
54.0																			20.0	41.3	12 200	54.0
56.0																			8.8	33.2	11 400	56.0

Liftcrane Luffing Jib Capacities

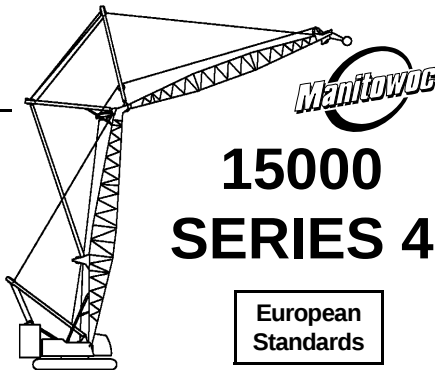
Luffing Jib No. 149A On Boom No. 57
107 680 kg Crane Counterweight
52 160 kg Carbody Counterweight
360 Degree Rating

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.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	
15.2	75.2	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	34 700*										26.0
28.0	57.6	68.3	27 900*	59.0	68.9	29 000*	61.1	69.5	30 600*	63.1	70.0	32 200*										28.0
30.0	54.6	67.0	26 100*	56.0	67.6	27 100*	58.2	68.3	28 500*	60.3	68.9	30 000*										30.0
32.0	51.4	65.4	24 400*	52.9	66.1	25 400*	55.2	67.0	26 700*	57.3	67.7	28 000*	60.7	68.6	27 400							32.0
34.0	48.1	63.7	22 400*	49.7	64.5	23 300*	52.0	65.5	24 900*	54.3	66.3	26 200*	57.8	67.3	25 500							34.0
36.0	44.6	61.8	20 500*	46.3	62.6	21 500*	48.7	63.8	22 800*	51.1	64.8	24 200*	54.8	66.0	23 600							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	22 200*	51.6	64.5	22 000	55.2	65.4	21 000				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	20 500*	48.3	62.7	20 500	52.1	63.9	19 600				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	19 000*	44.8	60.8	19 200	48.8	62.2	18 300				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	17 700*	41.1	58.6	18 000	45.3	60.3	17 200	49.1	61.4	16 300	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	16 400*	37.1	56.1	16 900	41.6	58.2	16 100	45.7	59.5	15 300	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	15 300*	32.7	53.2	15 900	37.7	55.7	15 200	42.0	57.4	14 400	48.0
50.0							14.1	40.4	12 200*	20.3	44.9	14 000*	27.6	49.7	15 000	33.3	52.9	14 300	38.1	55.0	13 600	50.0
52.0													21.5	45.2	14 200	28.3	49.4	13 500	33.8	52.2	12 800	52.0
54.0													12.7	38.5	12 900	22.4	45.1	12 700	28.9	48.8	12 100	54.0
56.0																14.2	38.9	12 000	23.0	44.6	11 500	56.0
58.0																			15.2	38.7	10 800	58.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A On Boom No. 57
107 680 kg Crane Counterweight
52 160 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		

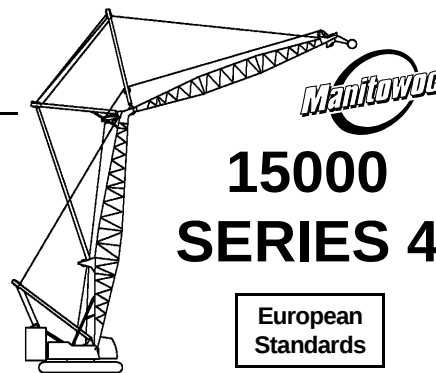
27.5m (90 Ft.) Boom, 48.8m (160 Ft.) Luffing Jib

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	33 800*									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	31 500*									28.0	
30.0	57.1	70.7	25 600*	58.4	71.2	26 500*	60.4	71.9	27 900*	62.3	72.4	29 400*									30.0	
32.0	54.2	69.3	24 000*	55.6	69.9	24 900*	57.6	70.7	26 100*	59.6	71.3	27 400*	62.7	72.0	26 800						32.0	
34.0	51.3	67.7	22 300*	52.7	68.4	23 200*	54.8	69.3	24 500*	56.8	70.0	25 700*	60.0	70.9	25 100						34.0	
36.0	48.1	66.0	20 500*	49.7	66.8	21 300*	51.8	67.8	22 700*	53.9	68.6	24 000*	57.3	69.7	23 400						36.0	
38.0	44.9	64.1	18 800*	46.5	64.9	19 700*	48.8	66.1	20 900*	51.0	67.1	22 100*	54.4	68.3	21 700						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	20 400*	51.5	66.8	20 300	54.8	67.7	19 300			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	18 900*	48.4	65.1	19 000	51.9	66.2	18 100			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	17 500*	45.1	63.1	17 800	48.8	64.5	16 900			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	16 300*	41.7	61.0	16 700	45.6	62.6	15 900	49.1	63.7	15 100	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	15 200*	38.0	58.5	15 700	42.1	60.5	14 900	45.9	61.8	14 200	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	14 200*	33.9	55.7	14 800	38.5	58.1	14 100	42.5	59.8	13 300	50.0
52.0							18.2	44.6	11 800*	23.1	48.2	13 200*	29.4	52.4	14 000	34.5	55.4	13 300	38.8	57.4	12 600	52.0
54.0										15.8	42.4	11 600*	24.0	48.4	13 200	30.0	52.1	12 600	34.9	54.7	11 900	54.0
56.0													17.2	42.9	12 300	24.8	48.2	11 800	30.5	51.5	11 200	56.0
58.0																18.3	43.0	11 200	25.4	47.7	10 600	58.0
60.0																			19.0	42.6	10 000	60.0
62.0																			9.0	34.3	9 400	62.0

Liftcrane Luffing Jib Capacities

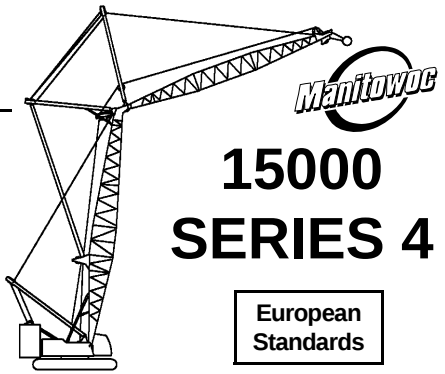
Luffing Jib No. 149A On Boom No. 57
107 680 kg Crane Counterweight
52 160 kg Carbody Counterweight
360 Degree Rating

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.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	
16.8	75.2	79.9	31 500*																			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	29 400*	66.5	76.8	30 800*										28.0
30.0	59.3	74.3	25 100*	60.5	74.8	26 100*	62.3	75.4	27 500*	64.1	75.9	28 800*										30.0
32.0	56.6	73.0	23 600*	57.9	73.6	24 400*	59.7	74.2	25 700*	61.6	74.8	27 000*										32.0
34.0	53.9	71.6	22 000*	55.2	72.2	22 900*	57.1	73.0	24 100*	59.0	73.7	25 300*	62.0	74.4	24 700							34.0
36.0	51.1	70.0	20 300*	52.5	70.7	21 200*	54.5	71.6	22 500*	56.4	72.4	23 700*	59.4	73.3	23 100							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	21 900*	56.8	72.0	21 500							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	20 100*	54.1	70.6	20 100	57.2	71.4	19 100				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	18 600*	51.3	69.1	18 800	54.5	70.0	17 800				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	17 300*	48.4	67.3	17 600	51.7	68.5	16 700				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	16 100*	45.3	65.4	16 500	48.8	66.8	15 700	52.0	67.7	14 900	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	15 000*	42.1	63.3	15 500	45.8	64.9	14 800	49.1	66.0	14 000	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	14 000*	38.7	60.9	14 600	42.6	62.8	13 900	46.1	64.2	13 100	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	13 000*	35.0	58.2	13 800	39.2	60.5	13 100	42.9	62.1	12 400	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	12 200*	30.8	55.1	13 000	35.5	57.8	12 400	39.5	59.8	11 700	54.0
56.0							13.7	41.5	9 600*	19.3	46.2	11 100*	26.1	51.3	12 300	31.4	54.8	11 700	35.8	57.1	11 000	56.0
58.0													20.4	46.6	11 600*	26.8	51.1	11 000	31.8	54.1	10 400	58.0
60.0													12.4	39.6	10 300*	21.3	46.5	10 400	27.3	50.5	9 900	60.0
62.0																13.7	40.0	9 900	21.9	46.0	9 300	62.0
64.0																			14.6	39.8	8 800	64.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A On Boom No. 57
107 680 kg Crane Counterweight
52 160 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		

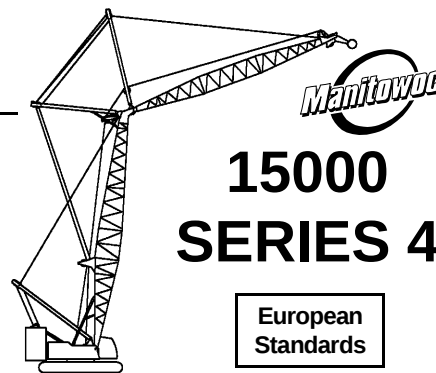
27.5m (90 Ft.) Boom, 54.9m (180 Ft.) Luffing Jib

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	28 100*										30.0
32.0	58.7	76.6	23 100*	59.9	77.1	23 900*	61.6	77.8	25 200*	63.3	78.3	26 400*										32.0
34.0	56.2	75.3	21 500*	57.4	75.9	22 500*	59.2	76.6	23 600*	60.9	77.2	24 800*										34.0
36.0	53.7	73.9	19 900*	54.9	74.5	20 900*	56.7	75.3	22 100*	58.5	76.0	23 300*	61.3	76.8	22 600							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	21 600*	58.9	75.6	21 200							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	19 900*	56.4	74.3	19 800							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	18 400*	53.8	72.9	18 500	56.7	73.7	17 600				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	17 000*	51.2	71.4	17 300	54.2	72.3	16 500				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	15 800*	48.4	69.7	16 300	51.5	70.8	15 400				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	14 700*	45.6	67.8	15 300	48.8	69.1	14 500	51.8	70.0	13 700	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	13 700*	42.5	65.7	14 400	46.0	67.2	13 600	49.1	68.3	12 900	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	12 800*	39.3	63.3	13 600	42.9	65.2	12 900	46.2	66.5	12 100	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	12 000*	35.9	60.7	12 800	39.8	62.9	12 100	43.2	64.4	11 400	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	11 200*	32.1	57.7	12 100	36.3	60.3	11 400	40.1	62.1	10 800	56.0
58.0							17.5	45.8	9 200*	22.0	49.6	10 500*	27.8	54.1	11 300*	32.6	57.3	10 800	36.7	59.6	10 200	58.0
60.0										15.3	43.5	9 100*	22.9	49.8	10 600*	28.4	53.9	10 200	33.0	56.7	9 600	60.0
62.0													16.6	44.1	9 800*	23.6	49.7	9 600	28.9	53.3	9 100	62.0
64.0													4.9	33.2	8 000*	17.6	44.3	9 100	24.1	49.2	8 600	64.0
66.0																			18.2	43.9	8 100	66.0
68.0																			9.1	35.4	7 600	68.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A On Boom No. 57
107 680 kg Crane Counterweight
52 160 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

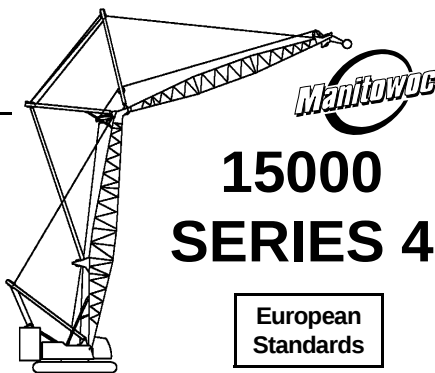


15000
SERIES 4

European Standards

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	25 800*										32.0
34.0	58.2	79.0	20 900*	59.3	79.5	22 000*	61.0	80.1	23 200*	62.6	80.7	24 200*										34.0
36.0	55.9	77.7	19 500*	57.0	78.2	20 700*	58.7	79.0	21 800*	60.3	79.6	22 800*										36.0
38.0	53.4	76.2	18 200*	54.6	76.8	19 100*	56.3	77.7	20 300*	58.0	78.3	21 500*	60.7	79.2	20 900							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	19 800*	58.4	78.0	19 700							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	18 200*	56.0	76.7	18 400							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	16 900*	53.6	75.2	17 200	56.3	76.1	16 300				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	15 700*	51.1	73.7	16 200	53.9	74.7	15 300				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	14 600*	48.5	71.9	15 200	51.4	73.1	14 400				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	13 600*	45.7	70.1	14 300	48.8	71.4	13 500				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	12 700*	42.9	68.0	13 500	46.1	69.6	12 700	49.1	70.6	12 000	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	11 800*	39.9	65.7	12 700	43.3	67.5	12 000	46.4	68.8	11 300	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	11 100*	36.7	63.1	12 000	40.3	65.2	11 300	43.6	66.7	10 700	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	11 200*	37.1	62.7	10 700	40.6	64.5	10 000	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	10 500*	33.6	59.8	10 100	37.4	62.0	9 500	60.0
62.0							13.3	42.7	7 500*	18.6	47.5	8 800*	24.9	52.9	9 800*	29.8	56.6	9 600	34.0	59.2	9 000	62.0
64.0										10.4	39.5	7 400*	19.6	47.9	9 200*	25.5	52.7	9 100	30.2	55.9	8 500	64.0
66.0													12.2	40.7	8 200*	20.4	47.9	8 500	26.0	52.1	8 000	66.0
68.0																13.4	41.1	8 100	20.9	47.4	7 600	68.0
70.0																			14.2	41.0	7 100	70.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A On Boom No. 57
107 680 kg Crane Counterweight
52 160 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 4**

European
Standards

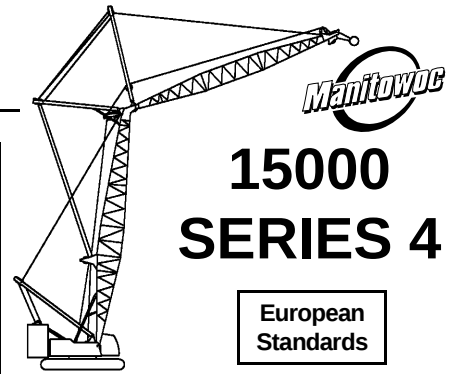
27.5m (90 Ft.) Boom, 61.0m (200 Ft.) Luffing Jib

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.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	
19.8	74.5	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	25 000*										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	23 600*										34.0
36.0	57.8	81.3	19 100*	58.8	81.8	20 300*	60.4	82.5	21 300*	61.9	83.1	22 200*										36.0
38.0	55.5	80.0	17 900*	56.6	80.6	19 000*	58.2	81.3	20 100*	59.8	81.9	21 000*										38.0
40.0	53.2	78.5	16 800*	54.3	79.2	17 600*	56.0	80.0	18 600*	57.6	80.7	19 800*	60.1	81.5	19 200							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	18 100*	57.9	80.3	18 100							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	16 800*	55.7	79.0	17 000							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	15 500*	53.4	77.5	15 900	56.0	78.4	15 100				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	14 400*	51.0	76.0	15 000	53.7	77.0	14 100				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	13 400*	48.5	74.2	14 000	51.3	75.4	13 300				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	12 500*	45.9	72.4	13 300	48.8	73.7	12 500	51.5	74.6	11 800	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	11 600*	43.2	70.3	12 500	46.3	71.9	11 700	49.1	72.9	11 100	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	11 800	43.6	69.8	11 100	46.5	71.1	10 400	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	11 000*	40.8	67.6	10 400	43.9	69.1	9 800	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	10 300*	37.8	65.1	9 900	41.0	66.8	9 200	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	9 600*	34.6	62.3	9 300	38.1	64.4	8 700	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	9 000*	31.1	59.2	8 800	34.9	61.7	8 300	64.0
66.0										14.8	44.7	7 200*	21.9	51.3	8 400*	27.1	55.5	8 300	31.4	58.5	7 800	66.0
68.0													16.0	45.3	7 800*	22.6	51.2	7 900	27.5	55.0	7 400	68.0
70.0													5.7	34.5	6 300*	17.0	45.5	7 500	23.1	50.7	7 000	70.0
72.0																			17.6	45.2	6 500	72.0
74.0																			9.2	36.5	6 100	74.0

Liftcrane Luffing Jib Capacities

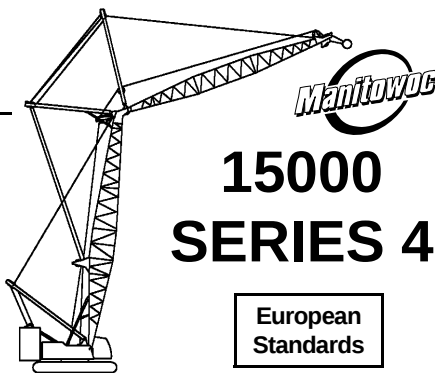
Luffing Jib No. 149A On Boom No. 57
107 680 kg Crane Counterweight
52 160 kg Carbody Counterweight
360 Degree Rating

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, 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	22 200*										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	21 500*										36.0
38.0	57.4	83.6	17 400*	58.4	84.2	18 600*	59.9	84.9	19 600*	61.4	85.4	20 400*										38.0
40.0	55.2	82.3	16 300*	56.3	82.9	17 300*	57.8	83.6	18 400*	59.3	84.3	19 300*	61.7	85.0	18 900							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	18 000*	59.6	83.9	17 800							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	16 500*	57.5	82.7	16 700							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	15 300*	55.4	81.3	15 700							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	14 200*	53.2	79.8	14 800	55.7	80.7	13 900				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	13 200*	50.9	78.3	13 900	53.5	79.3	13 100				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	12 300*	48.5	76.6	13 000	51.2	77.7	12 300				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	11 400*	46.1	74.7	12 300	48.8	76.0	11 500	51.4	76.9	10 800	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	10 600*	43.5	72.6	11 500	46.4	74.2	10 900	49.1	75.2	10 200	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	10 800*	43.9	72.2	10 300	46.6	73.4	9 600	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	10 100*	41.2	69.9	9 700	44.1	71.4	9 100	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	9 400*	38.4	67.5	9 200	41.5	69.2	8 500	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	8 800*	35.4	64.8	8 700	38.7	66.8	8 000	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	8 200*	32.1	61.8	8 100	35.7	64.1	7 600	66.0
68.0							13.0	43.8	5 700*	17.9	48.8	6 800*	23.9	54.4	7 700*	28.5	58.3	7 700	32.4	61.1	7 100	68.0
70.0										10.4	40.6	5 600*	18.9	49.2	7 200*	24.5	54.2	7 300	28.9	57.7	6 800	70.0
72.0													12.0	41.8	6 300*	19.6	49.2	6 900	24.9	53.7	6 400	72.0
74.0																13.1	42.2	6 500	20.1	48.8	6 000	74.0
76.0																			13.9	42.1	5 700	76.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A On Boom No. 57
107 680 kg Crane Counterweight
52 160 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 4**

European
Standards

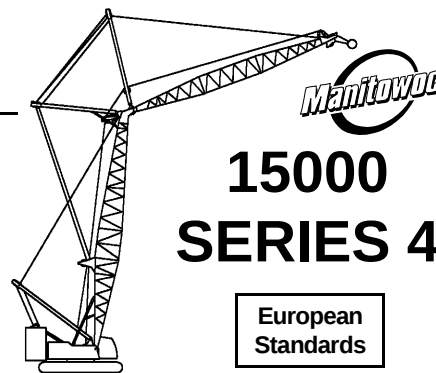
27.5m (90 Ft.) Boom, 67.1m (220 Ft.) Luffing Jib

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			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	
19.8	76.0	94.9	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	19 600*										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	18 700*										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	17 600*										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	16 600*	61.2	87.4	17 300							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	15 700*	59.2	86.2	16 300							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	14 700*	57.2	85.0	15 400							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	13 800*	55.1	83.6	14 500							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	12 900*	53.0	82.2	13 600	55.4	83.0	12 800				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	12 000*	50.8	80.6	12 800	53.3	81.6	12 000				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	11 200*	48.5	78.8	12 000	51.1	80.0	11 300				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	11 300	48.8	78.3	10 600	51.3	79.2	10 000	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	10 500*	46.5	76.5	10 000	49.1	77.5	9 400	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	9 800*	44.1	74.5	9 500	46.7	75.7	8 800	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	9 100*	41.6	72.3	8 900	44.3	73.7	8 300	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	8 500*	38.9	69.9	8 400	41.8	71.5	7 800	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	7 900*	36.1	67.3	7 900	39.2	69.2	7 300	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	7 400*	33.0	64.3	7 500	36.4	66.6	6 900	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	6 900*	29.7	61.0	7 000	33.3	63.6	6 500	70.0
72.0										14.5	45.8	5 400*	21.1	52.7	6 500*	26.0	57.2	6 700	30.1	60.4	6 100	72.0
74.0													15.6	46.5	5 900*	21.8	52.6	6 300	26.4	56.6	5 800	74.0
76.0													6.3	35.8	4 700*	16.4	46.7	5 900	22.2	52.1	5 400	76.0
78.0																			17.0	46.4	5 100	78.0
80.0																			9.3	37.6	4 800	80.0

Liftcrane Luffing Jib Capacities

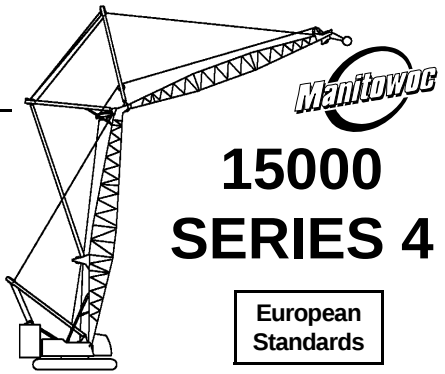
Luffing Jib No. 149A On Boom No. 57
107 680 kg Crane Counterweight
52 160 kg Carbody Counterweight
360 Degree Rating

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, 70.1m (230 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	
21.3	75.3	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	18 700*										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	18 500*										40.0
42.0	56.7	88.3	14 200*	57.6	88.9	15 500*	59.0	89.6	16 600*	60.3	90.2	17 400*										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	16 100*	60.7	89.8	16 100							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	14 800*	58.8	88.6	15 100							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	13 700*	56.8	87.3	14 300							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	12 700*	54.8	85.9	13 500							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	11 800*	52.8	84.5	12 700	55.1	85.4	11 900				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	11 000*	50.7	82.9	11 900	53.1	83.9	11 200				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	11 100*	51.0	82.3	10 500				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	10 300*	48.9	80.6	9 900	51.2	81.5	9 200	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	9 600*	46.6	78.8	9 300	49.1	79.8	8 600	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	9 000*	44.3	76.8	8 700	46.8	78.0	8 100	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	8 300*	41.9	74.6	8 300	44.6	76.0	7 700	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	7 800*	39.4	72.3	7 800	42.2	73.9	7 200	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	7 200*	36.7	69.7	7 300	39.6	71.5	6 800	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	6 800*	33.9	66.8	6 900	37.0	69.0	6 400	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	6 300*	30.8	63.6	6 500	34.2	66.2	6 000	72.0
74.0							12.8	44.9	4 100*	17.4	50.0	5 100*	23.0	55.9	5 800*	27.4	60.0	6 100	31.1	63.0	5 600	74.0
76.0										10.4	41.7	4 100*	18.3	50.5	5 400*	23.5	55.7	5 800	27.7	59.4	5 300	76.0
78.0													11.8	42.8	4 700*	19.0	50.5	5 400	23.9	55.2	5 000	78.0
80.0																12.9	43.3	5 100	19.5	50.1	4 600	80.0
82.0																			13.6	43.2	4 300	82.0



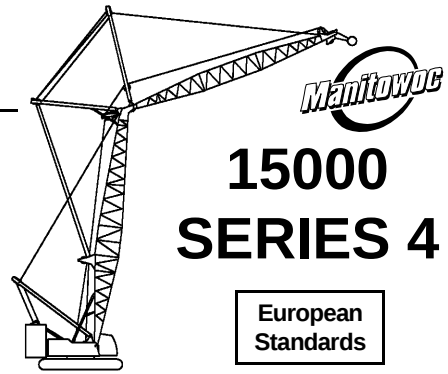
Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A On Boom No. 57
107 680 kg Crane Counterweight
52 160 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			70 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	
21.3	75.9	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	16 700*							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	16 500*							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	15 800*							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	14 500*	60.2	92.2	14 800				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	13 400*	58.4	90.9	13 900				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	12 400*	56.5	89.7	13 100				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	11 500*	54.6	88.3	12 400	56.8	89.1	11 600	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	11 700	54.9	87.7	10 900	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	10 800*	52.9	86.2	10 200	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	10 000*	50.9	84.6	9 600	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	9 300*	48.9	82.9	9 000	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	8 700*	46.7	81.1	8 500	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	8 100*	44.5	79.1	8 000	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	7 500*	42.2	77.0	7 500	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	7 000*	39.8	74.6	7 100	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	6 500*	37.3	72.1	6 700	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	6 000*	34.6	69.3	6 300	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	5 600*	31.7	66.2	5 900	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	5 200*	28.6	62.7	5 600	76.0
78.0										14.2	47.0	3 900*	20.4	54.0	4 800*	25.1	58.7	5 200	78.0
80.0													15.2	47.7	4 300*	21.0	54.0	4 900*	80.0
82.0													6.7	37.0	3 300*	16.0	47.9	4 500*	82.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A On Boom No. 57
107 680 kg Crane Counterweight
52 160 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	

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SERIES 4

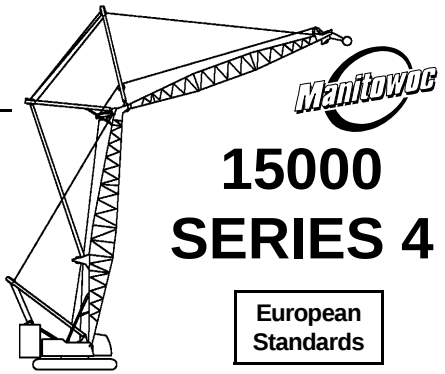
European
Standards

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

Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	
11.6	68.1	52.6	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	65 200*b													16.0
18.0	47.4	48.4	47 600*	51.2	49.2	54 500*	56.6	50.3	58 500*	61.6	51.0	58 000b										18.0
20.0	39.4	46.2	42 700*	43.8	47.3	49 700*	49.8	48.7	53 100*	55.2	49.7	52 100										20.0
22.0	29.7	43.2	38 900*	35.2	44.8	44 500*	42.2	46.7	48 400	48.2	48.0	47 300	57.1	49.5	45 400b							22.0
24.0	14.8	38.0	30 000*	23.9	41.2	37 100*	33.2	44.0	43 600	40.4	45.9	42 800	50.3	47.9	41 200							24.0
26.0										30.9	43.0	38 600	42.8	46.0	37 200	52.2	47.5	35 700				26.0
28.0													33.9	43.3	33 800	44.9	45.7	32 500				28.0
30.0													22.1	39.4	31 000	36.4	43.3	29 800	46.5	45.0	28 700	30.0
32.0																25.7	39.8	27 400	38.4	42.8	26 400	32.0
34.0																		24 400	28.3	39.6	24 400	34.0

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

Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	
11.6	71.0	55.9	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	63 600*b													16.0
18.0	53.8	52.4	47 200*	56.8	53.1	53 300*	61.2	53.9	57 200*													18.0
20.0	47.6	50.7	42 000*	51.0	51.5	48 700*	55.7	52.6	52 000*	60.1	53.3	51 100										20.0
22.0	40.8	48.6	38 200*	44.5	49.7	44 400*	49.7	51.0	47 500*	54.4	52.0	46 400										22.0
24.0	32.7	45.8	35 400*	37.2	47.3	39 600*	43.1	49.0	43 300*	48.3	50.3	42 400	56.1	51.8	40 700							24.0
26.0	22.2	41.8	30 500*	28.3	44.1	34 600*	35.5	46.5	38 700*	41.6	48.3	38 500	50.2	50.2	36 900	57.6	51.3	35 500				26.0
28.0							26.1	43.0	34 200*	33.7	45.6	35 000	43.6	48.3	33 600	51.8	49.8	32 300				28.0
30.0										23.6	41.8	32 100	36.2	45.8	30 800	45.4	48.0	29 600				30.0
32.0													26.9	42.5	28 400	38.2	45.7	27 200	46.8	47.3	26 100	32.0
34.0																29.6	42.6	25 200	39.9	45.2	24 100	34.0
36.0																17.3	37.8	23 300	31.6	42.3	22 400	36.0
38.0																		20 800	20.6	38.0	20 800	38.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A On Boom No. 57
107 680 kg Crane Counterweight
52 160 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, 27.4m (90 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
11.6	73.2	59.1	69 000*b																			11.6
12.0	72.3	59.0	67 400*b																			12.0
14.0	67.8	58.2	60 500*b	70.2	58.5	63 900*b																14.0
16.0	63.2	57.2	54 300*	65.7	57.7	57 600*b	69.3	58.2	62 100*b													16.0
18.0	58.4	56.1	47 400*	61.0	56.7	52 300*	64.7	57.3	56 100*													18.0
20.0	53.3	54.7	41 800*	56.0	55.4	47 800*	59.9	56.2	51 100*	63.7	56.8	50 300										20.0
22.0	47.8	53.0	37 600*	50.7	53.8	43 900*	54.9	54.9	46 800*	58.9	55.7	45 700										22.0
24.0	41.8	50.9	34 500*	45.0	52.0	39 600*	49.6	53.3	43 000	53.8	54.3	41 800										24.0
26.0	34.9	48.3	32 100*	38.7	49.7	35 400*	43.8	51.4	38 600*	48.4	52.7	38 300	55.4	54.1	36 800							26.0
28.0	26.5	44.8	29 200*	31.2	46.7	31 700*	37.2	49.0	34 600*	42.5	50.6	34 900	50.0	52.5	33 500							28.0
30.0	13.9	39.1	22 900*	21.5	42.6	27 000*	29.5	45.8	31 200*	35.7	48.1	32 000	44.3	50.6	30 700	51.5	52.1	29 400				30.0
32.0							18.9	41.2	26 500*	27.5	44.7	29 500	37.8	48.3	28 300	45.8	50.3	27 100	52.6	51.4	25 900	32.0
34.0													30.1	45.2	26 100	39.6	48.1	25 000	47.1	49.7	24 000	34.0
36.0													20.0	40.8	24 300	32.3	45.2	23 300	41.0	47.5	22 200	36.0
38.0																23.0	41.3	21 700	34.0	44.8	20 700	38.0
40.0																			25.3	41.2	19 300	40.0

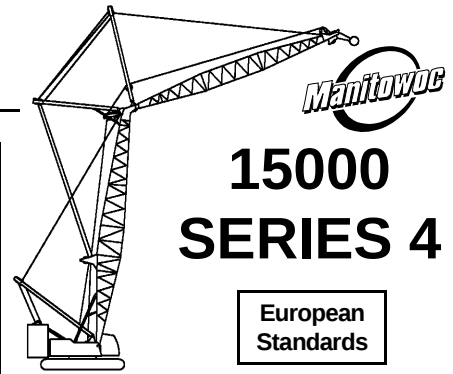
30.5m (100 Ft.) Boom, 30.5m (100 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
11.6	74.9	62.3	66 600*b																			11.6
12.0	74.1	62.2	65 100*b																			12.0
14.0	70.1	61.5	58 700*b	72.3	61.8	61 900*b																14.0
16.0	66.1	60.6	53 300*	68.2	61.0	56 000*b																16.0
18.0	61.9	59.6	47 500*	64.1	60.1	51 000*	67.4	60.7	54 700*													18.0
20.0	57.5	58.4	41 700*	59.8	59.0	46 700*	63.2	59.7	49 900*	66.5	60.2	49 400										20.0
22.0	52.8	57.0	37 400*	55.3	57.7	43 000*	58.9	58.6	45 800*	62.3	59.2	44 800										22.0
24.0	47.9	55.3	34 100*	50.6	56.2	39 300*	54.4	57.2	42 100	58.0	58.0	41 000										24.0
26.0	42.5	53.2	31 400*	45.4	54.3	35 200*	49.5	55.6	38 400*	53.4	56.6	37 800	59.3	57.8	36 100							26.0
28.0	36.5	50.8	29 400*	39.8	52.1	31 800*	44.3	53.7	34 400*	48.5	55.0	34 700	54.7	56.4	33 300							28.0
30.0	29.5	47.6	27 000*	33.4	49.3	28 900*	38.6	51.4	31 100*	43.2	53.0	31 800	49.9	54.8	30 500							30.0
32.0	20.3	43.1	22 900*	25.6	45.7	25 500*	31.9	48.5	28 400*	37.2	50.5	29 300	44.8	53.0	28 000	51.2	54.4	26 800				32.0
34.0							23.6	44.5	25 300*	30.3	47.5	27 100	39.0	50.7	25 900	46.2	52.6	24 800				34.0
36.0										21.5	43.2	24 700	32.5	47.8	24 100	40.6	50.4	23 000	47.3	52.0	22 000	36.0
38.0													24.4	44.0	22 400	34.3	47.8	21 400	41.9	49.9	20 400	38.0
40.0																26.7	44.3	20 000	35.8	47.3	19 100	40.0
42.0																16.1	39.0	18 700	28.5	44.0	17 900	42.0
44.0																			18.9	39.3	16 700	44.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A On Boom No. 57
107 680 kg Crane Counterweight
52 160 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



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SERIES 4

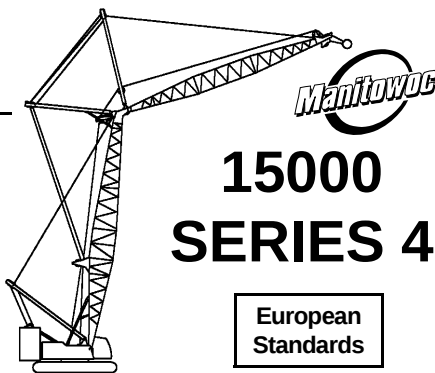
European Standards

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*																			12.2
14.0	72.0	64.7	57 100*																			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	48 800*													20.0
22.0	56.7	60.7	37 700*	58.9	61.4	42 100*	62.0	62.1	44 800*	65.0	62.6	44 300										22.0
24.0	52.5	59.3	34 100*	54.8	60.0	39 000*	58.0	60.9	41 400*	61.2	61.6	40 500										24.0
26.0	48.0	57.6	31 300*	50.4	58.5	35 300*	53.9	59.5	38 300	57.2	60.4	37 300	62.3	61.3	35 700							26.0
28.0	43.2	55.6	29 000*	45.8	56.6	31 900*	49.5	57.9	34 600*	53.0	58.9	34 500	58.4	60.1	33 000							28.0
30.0	37.8	53.2	27 200*	40.7	54.4	29 000*	44.8	56.0	31 200*	48.5	57.3	31 800	54.2	58.7	30 400							30.0
32.0	31.7	50.2	24 900*	35.1	51.8	26 500*	39.6	53.7	28 400*	43.7	55.3	29 300	49.9	57.1	28 000	55.3	58.2	26 800				32.0
34.0	24.3	46.4	22 100*	28.5	48.5	24 100*	33.8	51.0	26 000*	38.4	52.9	27 100	45.2	55.3	25 900	51.0	56.7	24 700				34.0
36.0	13.2	40.2	17 900*	19.9	43.9	20 700*	26.9	47.5	23 800*	32.5	50.1	25 100	40.0	53.0	24 000	46.4	54.9	23 000				36.0
38.0							17.6	42.4	20 500*	25.2	46.3	23 400	34.3	50.3	22 400	41.4	52.8	21 400	47.4	54.3	20 400	38.0
40.0													27.5	46.9	20 900	35.9	50.2	20 000	42.6	52.2	19 000	40.0
42.0													18.5	42.0	19 600	29.4	47.0	18 700	37.1	49.8	17 800	42.0
44.0																21.2	42.7	17 500	30.9	46.7	16 700	44.0
46.0																			23.2	42.7	15 700	46.0

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	47 500*													20.0
22.0	59.8	64.4	37 700*	61.7	64.9	41 200*	64.5	65.5	43 800*													22.0
24.0	56.1	63.1	34 100*	58.1	63.7	38 200*	61.0	64.5	40 500*	63.8	65.0	39 800										24.0
26.0	52.2	61.6	31 100*	54.3	62.3	35 100*	57.3	63.2	37 600*	60.2	64.0	36 600										26.0
28.0	48.1	59.9	28 700*	50.3	60.7	31 600*	53.5	61.8	34 400*	56.5	62.7	33 900	61.3	63.7	32 400							28.0
30.0	43.7	57.9	26 800*	46.1	58.9	28 700*	49.4	60.2	31 000*	52.6	61.2	31 500	57.6	62.4	30 100							30.0
32.0	38.9	55.6	24 600*	41.5	56.8	26 200*	45.1	58.3	28 200*	48.6	59.6	29 000	53.8	61.0	27 700							32.0
34.0	33.5	52.8	22 400*	36.4	54.3	24 100*	40.5	56.1	25 800*	44.2	57.6	26 900	49.8	59.4	25 700	54.8	60.6	24 500				34.0
36.0	27.1	49.3	20 500*	30.7	51.2	22 200*	35.3	53.5	23 700*	39.4	55.3	24 900	45.5	57.6	23 800	50.8	59.0	22 700				36.0
38.0	18.9	44.4	17 800*	23.6	47.2	19 700*	29.3	50.2	21 900*	34.1	52.6	23 300	40.9	55.4	22 200	46.6	57.2	21 100				38.0
40.0							21.9	46.0	19 600*	27.9	49.2	21 500*	35.7	52.8	20 700	42.1	55.1	19 700	47.6	56.6	18 800	40.0
42.0										20.0	44.5	19 500*	29.9	49.6	19 400	37.1	52.7	18 500	43.1	54.5	17 600	42.0
44.0													22.6	45.5	18 200	31.5	49.7	17 300	38.3	52.2	16 500	44.0
46.0																24.7	45.8	16 300	32.8	49.3	15 500	46.0
48.0																15.2	40.1	15 300	26.3	45.7	14 500	48.0
50.0																			17.7	40.6	13 700	50.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A On Boom No. 57
107 680 kg Crane Counterweight
52 160 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		

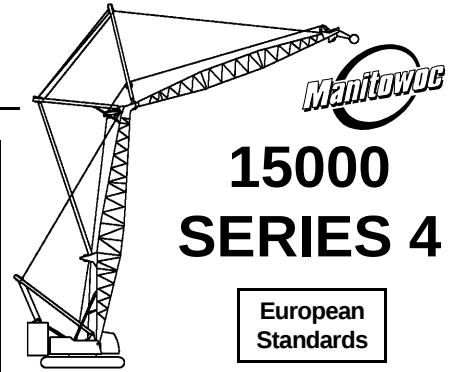
30.5m (100 Ft.) Boom, 39.6m (130 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	
13.7	75.3	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	46 300*													20.0
22.0	62.4	67.9	38 100*	64.1	68.3	40 300*	66.6	68.9	42 900*													22.0
24.0	59.0	66.7	34 200*	60.8	67.3	37 500*	63.4	67.9	39 800*	66.0	68.4	39 200										24.0
26.0	55.6	65.4	31 100*	57.4	66.0	34 900*	60.1	66.8	37 000	62.7	67.4	36 100										26.0
28.0	52.0	63.9	28 600*	53.9	64.6	31 500*	56.7	65.6	34 200	59.4	66.3	33 400										28.0
30.0	48.2	62.2	26 600*	50.2	63.0	28 500*	53.2	64.1	30 800*	56.0	65.0	31 000	60.4	66.0	29 600							30.0
32.0	44.1	60.2	24 500*	46.3	61.2	26 000*	49.4	62.5	28 000*	52.4	63.5	28 800	57.0	64.8	27 500							32.0
34.0	39.7	58.0	22 300*	42.1	59.1	23 900*	45.4	60.6	25 600*	48.6	61.9	26 700	53.4	63.4	25 500							34.0
36.0	34.9	55.3	20 400*	37.5	56.7	22 000*	41.2	58.5	23 500*	44.6	59.9	24 800	49.7	61.7	23 600	54.4	62.9	22 500				36.0
38.0	29.4	52.0	18 800*	32.4	53.8	20 400*	36.5	55.9	21 700*	40.2	57.7	23 100	45.8	59.9	22 000	50.7	61.3	20 900				38.0
40.0	22.6	47.8	17 100*	26.4	50.1	18 700*	31.3	52.9	20 100*	35.5	55.1	21 300*	41.5	57.7	20 600	46.8	59.5	19 500	51.5	60.6	18 600	40.0
42.0	12.8	41.3	14 000*	18.7	45.2	16 100*	25.0	49.1	18 500*	30.0	51.9	19 800*	36.9	55.2	19 200	42.7	57.5	18 300	47.7	58.9	17 400	42.0
44.0							16.6	43.6	16 000*	23.5	47.8	18 400*	31.7	52.2	18 100	38.2	55.1	17 200	43.6	56.9	16 300	44.0
46.0													25.5	48.5	16 900	33.1	52.2	16 100	39.2	54.6	15 300	46.0
48.0													17.4	43.3	16 000	27.3	48.7	15 200	34.3	51.8	14 400	48.0
50.0																19.9	44.0	14 300	28.6	48.5	13 500	50.0
52.0																			21.7	44.1	12 800	52.0

Liftcrane Luffing Jib Capacities

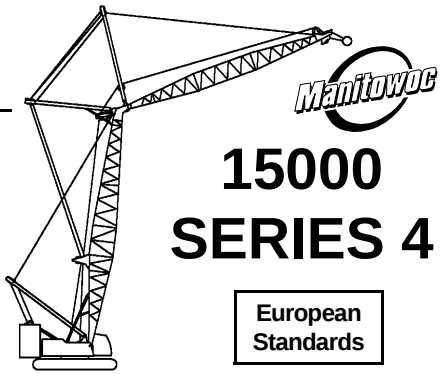
Luffing Jib No. 149A On Boom No. 57
107 680 kg Crane Counterweight
52 160 kg Carbody Counterweight
360 Degree Rating

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.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	
15.2	74.2	73.9	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	41 700*													22.0
24.0	61.5	70.2	34 400*	63.1	70.7	36 600*	65.5	71.3	38 800*													24.0
26.0	58.4	69.1	31 200*	60.0	69.6	34 100*	62.5	70.3	36 200*	64.8	70.8	35 400										26.0
28.0	55.1	67.7	28 600*	56.8	68.4	31 300*	59.4	69.2	33 600*	61.8	69.8	32 800										28.0
30.0	51.8	66.2	26 500*	53.6	66.9	28 300*	56.2	67.9	30 600*	58.7	68.7	30 400										30.0
32.0	48.2	64.5	24 300*	50.1	65.3	25 800*	52.9	66.4	27 800*	55.5	67.3	28 400	59.6	68.4	27 000							32.0
34.0	44.5	62.5	22 100*	46.5	63.5	23 600*	49.4	64.8	25 300*	52.1	65.8	26 500	56.4	67.1	25 200							34.0
36.0	40.5	60.3	20 300*	42.6	61.5	21 800*	45.7	62.9	23 200*	48.6	64.2	24 600	53.1	65.7	23 400							36.0
38.0	36.1	57.7	18 600*	38.4	59.1	20 100*	41.8	60.8	21 400*	44.9	62.2	22 800	49.7	64.0	21 800	54.0	65.2	20 700				38.0
40.0	31.1	54.7	17 200*	33.8	56.3	18 700*	37.5	58.4	19 800*	40.9	60.0	21 000*	46.0	62.2	20 300	50.6	63.6	19 300				40.0
42.0	25.4	50.9	15 900*	28.6	52.9	17 300*	32.8	55.5	18 400*	36.6	57.5	19 500*	42.1	60.1	19 000	47.0	61.8	18 000	51.3	62.9	17 100	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	18 100*	37.9	57.7	17 800	43.2	59.8	16 900	47.8	61.2	16 000	44.0
46.0							20.6	47.3	15 400*	26.1	50.8	16 900*	33.2	54.8	16 700	39.0	57.5	15 900	44.0	59.2	15 000	46.0
48.0										18.9	45.8	15 300*	27.8	51.3	15 800	34.5	54.7	14 900	40.0	56.9	14 100	48.0
50.0													21.2	46.8	14 900	29.3	51.5	14 100	35.5	54.3	13 300	50.0
52.0																23.1	47.3	13 300	30.5	51.2	12 500	52.0
54.0																14.6	41.3	12 500	24.6	47.2	11 800	54.0
56.0																			16.8	41.8	11 100	56.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A On Boom No. 57
107 680 kg Crane Counterweight
52 160 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		

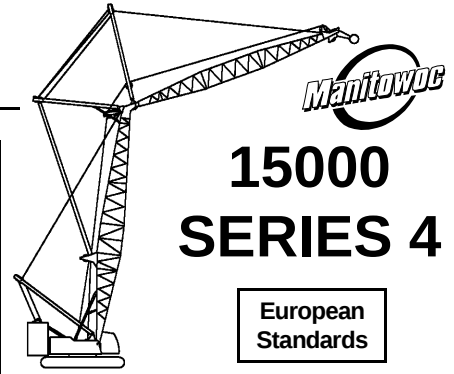
30.5m (100 Ft.) Boom, 45.7m (150 Ft.) Luffing Jib

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.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	
15.2	75.3	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*																			20.0
22.0	66.3	74.7	36 200*																			22.0
				70.5	75.8	41 100*																
				67.8	75.0	38 200*	69.9	75.5	40 500*													
24.0	63.5	73.7	34 300*	65.0	74.1	35 700*	67.2	74.7	37 800*													24.0
26.0	60.7	72.6	31 500*	62.2	73.1	33 400*	64.4	73.7	35 300*	66.6	74.2	35 000										26.0
28.0	57.8	71.4	28 900*	59.3	72.0	31 100*	61.6	72.7	33 000*	63.8	73.3	32 300										28.0
30.0	54.7	70.0	26 500*	56.3	70.7	28 400*	58.7	71.5	30 600*	61.0	72.2	30 100										30.0
32.0	51.6	68.5	24 200*	53.3	69.3	25 900*	55.7	70.2	27 800*	58.1	71.0	28 000										32.0
													61.8	71.9	26 700							
34.0	48.3	66.8	22 100*	50.0	67.7	23 700*	52.6	68.7	25 400*	55.1	69.7	26 300	58.9	70.7	25 000							34.0
36.0	44.8	64.9	20 300*	46.7	65.8	21 800*	49.4	67.1	23 300*	51.9	68.2	24 500	56.0	69.4	23 300							36.0
38.0	41.1	62.7	18 600*	43.1	63.8	20 100*	45.9	65.2	21 400*	48.6	66.5	22 800	52.9	68.0	21 700							38.0
40.0	37.1	60.2	17 200*	39.2	61.5	18 600*	42.3	63.2	19 800*	45.2	64.6	21 000*	49.6	66.3	20 200	53.7	67.5	19 200				40.0
42.0	32.6	57.2	15 900*	35.0	58.8	17 300*	38.4	60.8	18 400*	41.5	62.4	19 500*	46.2	64.5	18 900	50.5	65.9	17 900				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	18 100*	42.6	62.4	17 700	47.1	64.1	16 800				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	16 800*	38.7	60.0	16 700	43.6	62.1	15 800	47.9	63.5	14 900	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	15 700*	34.5	57.3	15 700	39.8	59.8	14 800	44.4	61.5	14 000	48.0
50.0							15.9	44.8	12 800*	22.1	49.2	14 600*	29.7	54.1	14 800	35.6	57.2	14 000	40.6	59.3	13 200	50.0
52.0													24.0	50.0	14 000	31.0	54.1	13 200	36.5	56.7	12 400	52.0
54.0													16.6	44.5	13 200	25.6	50.3	12 500	32.0	53.8	11 700	54.0
56.0																18.8	45.3	11 800	26.9	50.1	11 100	56.0
58.0																			20.5	45.5	10 500	58.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A On Boom No. 57
107 680 kg Crane Counterweight
52 160 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

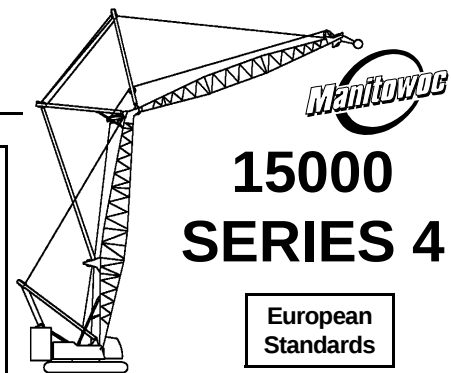
Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	
16.8	74.4	79.8	33 800*																			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	36 400*													24.0
26.0	62.7	76.1	30 300*	64.1	76.6	32 500*	66.2	77.1	34 400*													26.0
28.0	60.0	75.0	28 000*	61.4	75.5	30 500*	63.5	76.2	32 200*	65.6	76.7	31 800										28.0
30.0	57.2	73.7	25 800*	58.7	74.3	28 200*	60.9	75.1	30 200*	63.0	75.7	29 500										30.0
32.0	54.4	72.3	23 800*	55.9	73.0	25 600*	58.1	73.9	27 600*	60.3	74.6	27 500										32.0
34.0	51.4	70.8	21 900*	53.0	71.6	23 400*	55.3	72.6	25 100*	57.5	73.3	25 700	61.1	74.3	24 400							34.0
36.0	48.3	69.1	20 100*	50.0	69.9	21 500*	52.4	71.1	23 000*	54.7	72.0	24 200	58.4	73.1	22 900							36.0
38.0	45.1	67.2	18 500*	46.8	68.2	19 900*	49.3	69.4	21 200*	51.7	70.4	22 600	55.5	71.7	21 400							38.0
40.0	41.6	65.0	17 100*	43.5	66.1	18 400*	46.1	67.6	19 500*	48.7	68.8	20 800*	52.6	70.3	20 000	56.3	71.2	18 900				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	19 200*	49.6	68.6	18 700	53.4	69.8	17 700				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	17 800*	46.4	66.8	17 500	50.4	68.2	16 600				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	16 600*	43.0	64.7	16 500	47.2	66.4	15 500	51.0	67.5	14 700	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	15 500*	39.4	62.4	15 500	43.9	64.4	14 600	47.9	65.8	13 800	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	14 400*	35.5	59.8	14 600	40.4	62.2	13 800	44.7	63.8	12 900	50.0
52.0							19.6	48.7	12 200*	24.6	52.3	13 500*	31.2	56.7	13 800	36.6	59.7	12 900	41.2	61.7	12 200	52.0
54.0										18.0	47.1	12 300*	26.2	53.0	13 000	32.4	56.7	12 200	37.4	59.2	11 500	54.0
56.0													20.1	48.2	12 300	27.6	53.2	11 500	33.3	56.3	10 900	56.0
58.0																21.9	48.7	10 900	28.7	52.9	10 300	58.0
60.0																14.1	42.4	10 300	23.2	48.7	9 700	60.0
62.0																			16.1	43.0	9 200	62.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A On Boom No. 57
107 680 kg Crane Counterweight
52 160 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



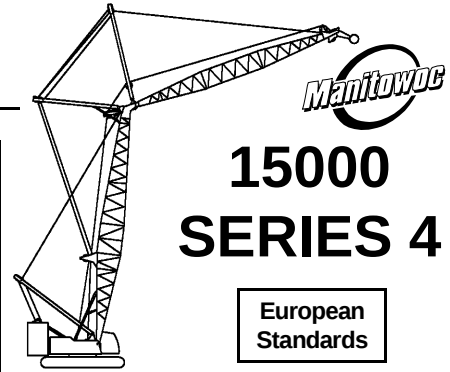
30.5m (100 Ft.) Boom, 51.8m (170 Ft.) Luffing Jib

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.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	
16.8	75.3	83.0	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	32 800*													26.0
28.0	61.9	78.5	27 000*	63.3	79.0	29 900*	65.2	79.6	31 600*	67.1	80.0	31 300										28.0
30.0	59.4	77.3	25 100*	60.7	77.9	27 900*	62.7	78.6	29 600*	64.7	79.1	29 000										30.0
32.0	56.8	76.1	23 200*	58.2	76.7	25 400*	60.2	77.4	27 400*	62.2	78.1	27 000										32.0
34.0	54.1	74.7	21 500*	55.5	75.3	23 200*	57.6	76.2	24 900*	59.7	76.9	25 300										34.0
36.0	51.3	73.1	19 900*	52.8	73.9	21 300*	55.0	74.9	22 800*	57.1	75.7	23 700	60.4	76.6	22 500							36.0
38.0	48.4	71.4	18 300*	49.9	72.2	19 700*	52.2	73.4	20 900*	54.4	74.3	22 300	57.8	75.4	21 100							38.0
40.0	45.3	69.5	17 000*	46.9	70.4	18 200*	49.3	71.7	19 300*	51.6	72.7	20 600*	55.2	74.1	19 800							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	19 000*	52.4	72.6	18 500	55.9	73.6	17 500				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	17 600*	49.5	70.9	17 300	53.1	72.1	16 300				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	16 300*	46.6	69.1	16 300	50.3	70.5	15 300				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	15 200*	43.4	67.1	15 300	47.3	68.7	14 400	50.9	69.8	13 600	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	14 200*	40.0	64.8	14 400	44.2	66.8	13 500	48.0	68.1	12 700	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	13 300*	36.4	62.2	13 600	40.9	64.6	12 800	44.9	66.2	12 000	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	12 400*	32.5	59.3	12 800	37.4	62.1	12 100	41.7	64.0	11 300	54.0
56.0							15.3	46.0	10 100*	21.0	50.6	11 600*	28.0	55.8	12 100	33.6	59.2	11 400	38.2	61.6	10 700	56.0
58.0													22.8	51.5	11 400	29.3	55.9	10 800	34.4	58.8	10 100	58.0
60.0													16.0	45.7	10 800	24.3	51.8	10 200	30.2	55.6	9 500	60.0
62.0																18.0	46.5	9 600	25.4	51.7	9 000	62.0
64.0																7.7	37.5	9 100	19.5	46.8	8 500	64.0

Liftcrane Luffing Jib Capacities

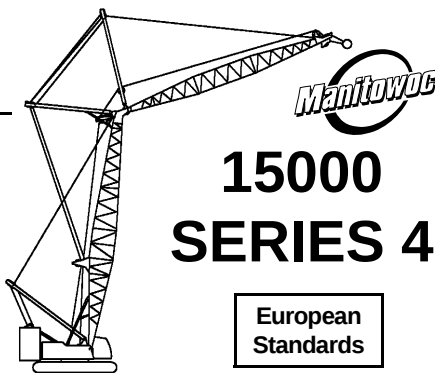
Luffing Jib No. 149A On Boom No. 57
107 680 kg Crane Counterweight
52 160 kg Carbody Counterweight
360 Degree Rating

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.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	
18.3	74.5	85.7	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	29 200*													28.0
30.0	61.3	80.8	24 200*	62.5	81.3	27 400*	64.4	82.0	28 800*	66.2	82.4	28 500										30.0
32.0	58.8	79.7	22 500*	60.1	80.2	25 100*	62.0	80.9	27 100*	63.9	81.5	26 500										32.0
34.0	56.4	78.4	21 000*	57.7	79.0	23 000*	59.6	79.8	24 700*	61.5	80.4	24 800										34.0
36.0	53.8	77.0	19 500*	55.2	77.7	21 000*	57.2	78.6	22 500*	59.1	79.3	23 200										36.0
38.0	51.1	75.4	18 100*	52.6	76.2	19 400*	54.6	77.2	20 700*	56.6	78.0	21 800	59.8	79.0	20 700							38.0
40.0	48.4	73.7	16 800*	49.9	74.6	17 900*	52.0	75.7	19 100*	54.1	76.6	20 400*	57.4	77.7	19 400							40.0
42.0	45.5	71.8	15 700*	47.1	72.7	16 600*	49.3	74.0	17 600*	51.4	75.1	18 800*	54.8	76.4	18 300							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	17 400*	52.2	74.9	17 100	55.5	75.9	16 100				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	16 100*	49.5	73.2	16 000	52.9	74.4	15 100				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	15 000*	46.7	71.4	15 100	50.2	72.8	14 100				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	13 900*	43.7	69.4	14 200	47.4	71.1	13 300	50.8	72.1	12 500	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	13 000*	40.6	67.2	13 300	44.5	69.1	12 500	48.1	70.4	11 700	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	12 200*	37.2	64.7	12 600	41.4	66.9	11 800	45.2	68.5	11 000	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	11 400*	33.6	61.8	11 900	38.1	64.5	11 100	42.1	66.3	10 400	56.0
58.0							18.8	49.9	9 600*	23.4	53.8	10 700*	29.6	58.5	11 300	34.6	61.7	10 500	38.9	64.0	9 800	58.0
60.0										17.3	48.3	9 700*	24.9	54.5	10 600	30.7	58.5	9 900	35.4	61.3	9 300	60.0
62.0													19.3	49.5	10 100	26.2	54.8	9 400	31.5	58.2	8 700	62.0
64.0													11.1	41.9	9 000	20.9	50.1	8 900	27.2	54.6	8 300	64.0
66.0																13.7	43.5	8 400	22.1	50.2	7 800	66.0
68.0																			15.5	44.2	7 400	68.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A On Boom No. 57
107 680 kg Crane Counterweight
52 160 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		

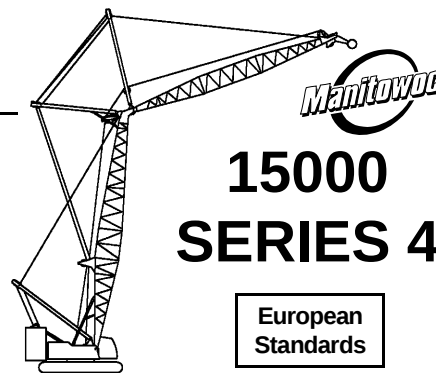
30.5m (100 Ft.) Boom, 57.9m (190 Ft.) Luffing Jib

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.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	
18.3	75.4	88.9	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	25 800*													30.0
32.0	60.7	83.2	21 900*	61.9	83.7	25 200*	63.6	84.4	25 600*	65.4	84.9	26 200										32.0
34.0	58.3	82.0	20 500*	59.6	82.6	23 100*	61.4	83.3	25 000*	63.2	83.9	24 500										34.0
36.0	56.0	80.7	19 200*	57.2	81.3	21 100*	59.1	82.2	22 600*	60.9	82.8	22 900										36.0
38.0	53.5	79.3	17 900*	54.8	80.0	19 400*	56.8	80.9	20 800*	58.6	81.6	21 600										38.0
40.0	51.0	77.7	16 700*	52.4	78.5	18 000*	54.3	79.5	19 100*	56.2	80.3	20 200	59.3	81.3	19 100							40.0
42.0	48.4	76.0	15 600*	49.8	76.8	16 600*	51.9	78.0	17 700*	53.8	78.9	18 800*	56.9	80.1	18 000							42.0
44.0	45.7	74.1	14 600*	47.2	75.1	15 400*	49.3	76.3	16 300*	51.3	77.4	17 400*	54.5	78.7	17 000							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	16 100*	52.1	77.2	15 900	55.2	78.2	15 000				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	15 000*	49.5	75.5	14 900	52.7	76.7	14 000				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	13 900*	46.8	73.7	14 100	50.2	75.1	13 200				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	13 000*	44.0	71.7	13 300	47.5	73.3	12 400	50.7	74.4	11 600	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	12 100*	41.1	69.5	12 500	44.8	71.4	11 700	48.1	72.7	10 900	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	11 300*	37.9	67.1	11 800	41.9	69.2	11 100	45.4	70.8	10 300	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	10 600*	34.6	64.3	11 200	38.8	66.9	10 400	42.5	68.7	9 700	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	9 900*	30.9	61.1	10 500	35.5	64.2	9 900	39.5	66.3	9 100	60.0
62.0							14.9	47.1	8 000*	20.1	52.0	9 200*	26.7	57.4	10 000	31.9	61.1	9 300	36.2	63.7	8 700	62.0
64.0										13.1	45.1	8 000*	21.8	52.9	9 400	27.8	57.6	8 800	32.7	60.8	8 200	64.0
66.0													15.5	46.8	8 800*	23.2	53.3	8 300	28.7	57.3	7 700	66.0
68.0																17.3	47.8	7 900	24.2	53.3	7 300	68.0
70.0																8.0	38.6	7 400	18.8	48.1	6 900	70.0

Liftcrane Luffing Jib Capacities

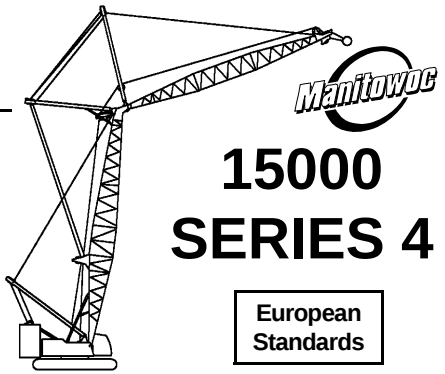
Luffing Jib No. 149A On Boom No. 57
107 680 kg Crane Counterweight
52 160 kg Carbody Counterweight
360 Degree Rating

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	24 400*										32.0
34.0	60.1	85.6	19 800*	61.3	86.1	22 400*	62.9	86.8	22 700*	64.6	87.3	24 100										34.0
36.0	57.9	84.4	18 600*	59.1	84.9	20 900*	60.8	85.7	22 200*	62.5	86.3	22 500										36.0
38.0	55.6	83.0	17 500*	56.9	83.7	19 200*	58.6	84.5	20 500*	60.3	85.2	21 100										38.0
40.0	53.3	81.6	16 400*	54.6	82.3	17 700*	56.4	83.2	18 900*	58.1	84.0	19 900	61.0	84.9	18 700							40.0
42.0	50.9	80.0	15 300*	52.2	80.8	16 400*	54.1	81.8	17 400*	55.9	82.7	18 600	58.8	83.7	17 600							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	17 100*	56.6	82.4	16 600							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	15 800*	54.3	81.0	15 600	57.1	81.9	14 700				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	14 700*	51.9	79.5	14 700	54.9	80.5	13 800				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	13 700*	49.5	77.8	13 800	52.5	79.1	12 900				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	12 700*	46.9	76.0	13 000	50.1	77.4	12 200				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	11 900*	44.3	74.0	12 300	47.6	75.7	11 500	50.6	76.7	10 700	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	11 100*	41.5	71.9	11 600	45.0	73.7	10 800	48.2	75.0	10 000	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	10 400*	38.6	69.4	10 900	42.2	71.6	10 200	45.6	73.1	9 500	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	9 700*	35.4	66.8	10 300	39.3	69.2	9 600	42.8	71.0	8 900	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	9 100*	32.0	63.7	9 800	36.2	66.6	9 100	40.0	68.7	8 400	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	9 300	32.9	63.7	8 600	36.9	66.2	7 900	64.0
66.0										16.7	49.5	7 600*	23.8	56.0	8 700*	29.2	60.3	8 100	33.6	63.3	7 500	66.0
68.0													18.5	50.8	8 100*	25.0	56.3	7 600	30.0	60.0	7 100	68.0
70.0													11.0	43.0	7 100*	20.1	51.4	7 200	26.0	56.2	6 600	70.0
72.0																13.4	44.6	6 800	21.2	51.5	6 300	72.0
74.0																			15.1	45.3	5 900	74.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A On Boom No. 57
107 680 kg Crane Counterweight
52 160 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		

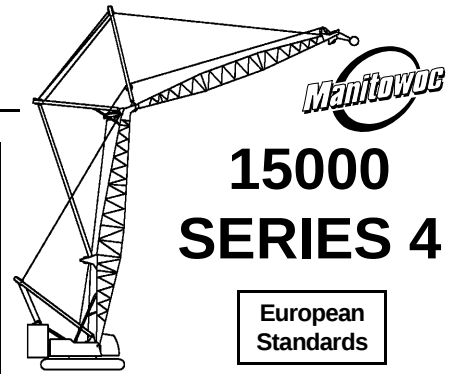
30.5m (100 Ft.) Boom, 64.0m (210 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	
19.8	75.4	94.8	19 800*																			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	21 900*										34.0
36.0	59.6	87.9	17 800*	60.7	88.5	19 800*	62.3	89.2	20 200*	63.9	89.7	21 600*										36.0
38.0	57.5	86.7	16 900*	58.6	87.3	18 700*	60.3	88.1	19 700*	61.9	88.7	20 600*										38.0
40.0	55.3	85.4	15 900*	56.5	86.0	17 500*	58.2	86.8	18 600*	59.8	87.5	19 500	62.5	88.3	18 300							40.0
42.0	53.1	83.9	15 000*	54.3	84.6	16 100*	56.0	85.5	17 200*	57.7	86.3	18 300	60.4	87.2	17 200							42.0
44.0	50.8	82.3	14 100*	52.1	83.1	14 900*	53.8	84.1	15 900*	55.6	85.0	16 900*	58.4	86.1	16 300							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	15 600*	56.2	84.7	15 300							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	14 500*	54.0	83.3	14 500	56.8	84.2	13 600				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	13 400*	51.8	81.8	13 600	54.6	82.8	12 700				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	12 500*	49.4	80.1	12 800	52.4	81.3	11 900				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	11 600*	47.0	78.3	12 000	50.1	79.7	11 200				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	10 800*	44.5	76.4	11 400	47.7	78.0	10 600	50.6	79.0	9 800	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	10 100*	41.9	74.2	10 700	45.2	76.0	10 000	48.2	77.3	9 200	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	9 500*	39.1	71.8	10 100	42.6	73.9	9 400	45.7	75.4	8 700	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	9 600	39.8	71.6	8 900	43.2	73.3	8 200	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	9 000	36.9	69.1	8 400	40.4	71.1	7 700	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	8 400*	33.8	66.2	7 900	37.6	68.6	7 300	66.0
68.0							14.5	48.3	6 000*	19.4	53.3	7 100*	25.5	59.0	7 900*	30.4	63.0	7 500	34.5	65.8	6 900	68.0
70.0										12.8	46.2	6 100*	20.9	54.3	7 400*	26.6	59.2	7 000	31.2	62.6	6 500	70.0
72.0													15.0	48.0	6 800*	22.2	54.8	6 600	27.5	59.0	6 100	72.0
74.0																16.8	49.0	6 300	23.3	54.7	5 700	74.0
76.0																8.3	39.7	5 900	18.1	49.3	5 400	76.0

Liftcrane Luffing Jib Capacities

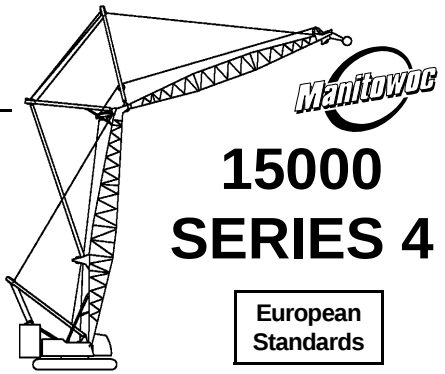
Luffing Jib No. 149A On Boom No. 57
107 680 kg Crane Counterweight
52 160 kg Carbody Counterweight
360 Degree Rating

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			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	
21.3	74.7	97.5	17 800*																			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	19 500*										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	18 900*										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	17 900*										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	16 800*	61.9	90.7	16 800							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	15 900*	60.0	89.6	15 900							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	14 900*	57.9	88.4	14 900							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	14 000*	55.9	87.1	14 100							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	13 100*	53.8	85.6	13 400	56.4	86.6	12 400				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	12 300*	51.6	84.1	12 600	54.4	85.2	11 700				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	11 400*	49.4	82.4	11 800	52.2	83.7	11 000				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	10 600*	47.1	80.6	11 100	50.0	82.0	10 300				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	9 900*	44.7	78.7	10 500	47.7	80.3	9 700	50.5	81.3	9 000	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	9 200*	42.2	76.5	9 900	45.4	78.3	9 200	48.2	79.6	8 400	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	9 400	42.9	76.2	8 600	45.9	77.7	7 900	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	8 800	40.3	74.0	8 100	43.4	75.7	7 500	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	8 200*	37.6	71.5	7 700	40.9	73.4	7 000	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	7 600*	34.6	68.7	7 200	38.2	71.0	6 600	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	7 100*	31.5	65.6	6 800	35.3	68.2	6 200	70.0
72.0										16.2	50.7	5 800*	22.9	57.5	6 700*	28.0	62.0	6 400	32.2	65.2	5 800	72.0
74.0													17.9	52.0	6 100*	24.0	57.9	6 100	28.8	61.8	5 500	74.0
76.0													10.9	44.1	5 400*	19.3	52.7	5 700	25.0	57.8	5 100	76.0
78.0																13.1	45.7	5 300	20.5	52.9	4 800	78.0
80.0																			14.7	46.5	4 500	80.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A On Boom No. 57
107 680 kg Crane Counterweight
52 160 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		

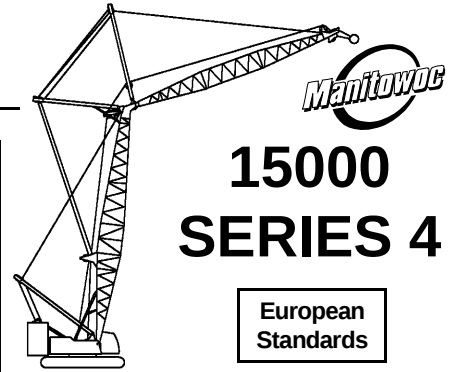
30.5m (100 Ft.) Boom, 70.1m (230 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			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	75.4	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	18 400*							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	18 300							40.0
42.0	56.8	91.4	13 800*	57.8	92.0	15 700*	59.3	92.8	16 500*	60.8	93.4	17 700							42.0
44.0	54.8	90.0	13 100*	55.9	90.7	14 400*	57.4	91.5	15 400*	58.9	92.2	16 400	61.4	93.1	15 600				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	15 100*	59.5	92.0	14 700				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	14 000*	57.6	90.7	13 800				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	13 000*	55.6	89.4	13 100				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	12 000*	53.6	88.0	12 400	56.1	88.9	11 500	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	11 200*	51.5	86.4	11 700	54.1	87.5	10 800	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	10 400*	49.4	84.7	11 000	52.1	86.0	10 200	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	9 700*	47.2	82.9	10 400	50.0	84.3	9 600	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	9 800	47.8	82.6	9 000	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	9 200	45.5	80.7	8 500	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	8 600*	43.2	78.6	8 000	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	8 000*	40.7	76.3	7 500	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	7 500*	38.1	73.9	7 100	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	7 000*	35.4	71.2	6 700	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	6 500*	32.4	68.1	6 300	72.0
74.0							14.1	49.4	4 400*	18.8	54.6	5 400*	24.6	60.6	6 000*	29.2	64.7	5 900	74.0
76.0										12.6	47.3	4 500*	20.2	55.6	5 600*	25.6	60.8	5 600	76.0
78.0													14.7	49.1	5 200*	21.4	56.2	5 300	78.0
80.0																16.3	50.2	4 900	80.0
82.0																8.5	40.8	4 600	82.0

Liftcrane Luffing Jib Capacities

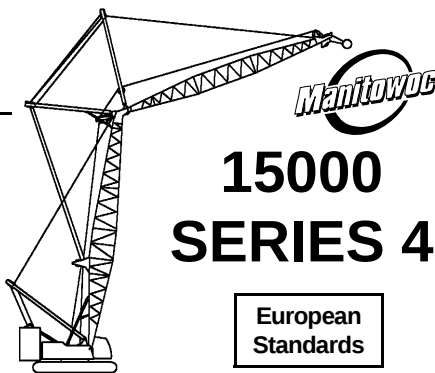
Luffing Jib No. 149A On Boom No. 57
107 680 kg Crane Counterweight
52 160 kg Carbody Counterweight
360 Degree Rating

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			70 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	
22.9	74.8	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	16 400*							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	16 300*							42.0
44.0	56.5	93.7	12 700*	57.5	94.3	14 200*	58.9	95.1	14 800*	60.4	95.8	16 000*							44.0
46.0	54.6	92.3	12 000*	55.6	93.0	13 100*	57.1	93.9	14 000*	58.5	94.6	14 800*	60.9	95.5	14 300				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	13 700*	59.1	94.3	13 400				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	12 700*	57.2	93.1	12 700				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	11 800*	55.3	91.7	12 000	57.7	92.5	11 100	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	10 900*	53.4	90.3	11 300	55.8	91.2	10 500	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	10 100*	51.4	88.7	10 700	53.9	89.8	9 900	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	10 100	51.9	88.3	9 300	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	8 700*	47.3	85.2	9 500	49.9	86.6	8 800	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	8 900	47.8	84.9	8 200	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	8 300*	45.7	83.0	7 800	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	7 700*	43.4	80.9	7 300	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	7 200*	41.1	78.7	6 900	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	6 700*	38.6	76.3	6 500	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	6 200*	36.0	73.6	6 000	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	5 800*	33.2	70.7	5 700	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	5 300*	30.2	67.4	5 300	76.0
78.0										15.8	51.9	4 200*	22.1	58.9	5 000*	26.9	63.7	5 000	78.0
80.0													17.4	53.3	4 600*	23.2	59.3	4 700	80.0
82.0													10.8	45.1	3 900*	18.7	54.0	4 400	82.0
84.0																12.9	46.8	4 100	84.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A On Boom No. 57
107 680 kg Crane Counterweight
52 160 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 4**

European
Standards

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	64 800*b													16.0
18.0	47.8	51.5	48 100*	52.0	52.4	53 700*	57.8	53.5	58 100	63.2	54.2	56 600b										18.0
20.0	39.9	49.3	43 200*	44.7	50.6	48 900*	51.1	52.0	52 400	56.9	53.0	50 900b										20.0
22.0	30.3	46.4	39 500*	36.2	48.1	43 800*	43.6	50.1	47 600	50.1	51.5	46 300	59.6	52.9	44 200b							22.0
24.0	16.0	41.4	31 200*	25.3	44.6	38 000*	35.0	47.5	43 200*	42.6	49.5	42 300	53.0	51.5	40 400							24.0
26.0							23.6	43.8	37 900*	33.6	46.8	38 400	45.9	49.7	36 700	55.6	51.1	35 100				26.0
28.0										21.6	42.8	34 700	37.6	47.4	33 400	48.7	49.5	31 900				28.0
30.0													27.3	44.1	30 600	40.9	47.4	29 300				30.0
32.0													8.8	37.5	28 100	31.6	44.6	26 900	43.7	47.0	25 700	32.0
34.0																			35.0	44.5	23 800	34.0
36.0																			23.7	40.8	22 000	36.0

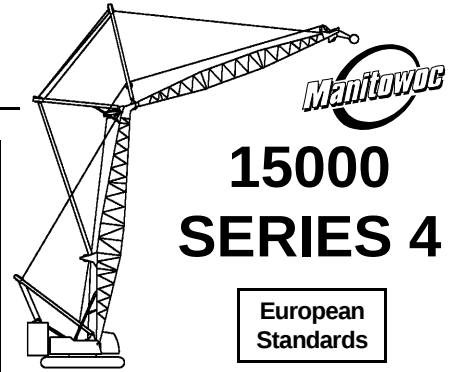
33.5m (110 Ft.) Boom, 24.4m (80 Ft.) Luffing Jib

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	63 100*b													16.0
18.0	54.1	55.5	47 800*	57.4	56.2	52 500*	62.2	57.0	56 800*													18.0
20.0	48.0	53.8	42 400*	51.6	54.7	47 900*	56.7	55.8	51 500	61.5	56.6	50 000										20.0
22.0	41.1	51.7	38 500*	45.2	52.9	43 700*	50.8	54.3	46 700	55.9	55.3	45 400										22.0
24.0	33.2	49.0	35 800*	38.0	50.6	39 300*	44.3	52.4	42 800	50.0	53.8	41 600	58.3	55.2	39 600							24.0
26.0	22.9	45.0	31 200*	29.3	47.4	35 500*	37.0	50.0	39 100*	43.4	51.8	38 200	52.5	53.8	36 400							26.0
28.0							28.0	46.7	35 100*	35.9	49.3	34 800	46.3	52.0	33 200	54.8	53.4	31 700				28.0
30.0							14.4	41.3	28 300*	26.6	45.9	31 800	39.2	49.8	30 400	48.7	51.8	29 000				30.0
32.0										11.4	39.8	28 100	30.8	46.8	28 000	42.0	49.8	26 700	50.8	51.2	25 400	32.0
34.0													19.3	42.3	25 900	34.3	47.1	24 700	44.4	49.3	23 500	34.0
36.0																24.4	43.4	22 900	37.1	46.9	21 800	36.0
38.0																			28.1	43.7	20 300	38.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A On Boom No. 57
107 680 kg Crane Counterweight
52 160 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 4**

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	55 700*													18.0
20.0	53.5	57.8	42 100*	56.5	58.5	47 100*	60.8	59.4	50 600	64.9	60.0	49 200										20.0
22.0	48.1	56.1	37 900*	51.3	57.0	43 200*	55.9	58.1	46 000	60.2	59.0	44 700										22.0
24.0	42.1	54.0	34 800*	45.7	55.2	39 200*	50.6	56.6	42 100	55.2	57.7	40 900										24.0
26.0	35.3	51.5	32 400*	39.4	53.0	35 500*	44.9	54.7	38 900	49.9	56.1	37 700	57.3	57.5	35 800							26.0
28.0	27.0	48.0	29 600*	32.1	50.1	32 200*	38.5	52.4	35 400*	44.1	54.2	34 700	52.2	56.1	33 100							28.0
30.0	14.8	42.6	23 800*	22.7	46.1	27 800*	31.0	49.5	31 900*	37.6	51.8	31 800	46.6	54.3	30 300	54.2	55.7	28 900				30.0
32.0							21.2	45.2	27 700*	29.9	48.7	29 300	40.4	52.1	27 900	48.8	54.1	26 500				32.0
34.0										19.5	44.2	26 700	33.3	49.4	25 800	42.9	52.1	24 500	50.7	53.5	23 300	34.0
36.0													24.4	45.6	23 900	36.2	49.6	22 800	44.9	51.7	21 600	36.0
38.0													9.2	38.7	22 200	28.1	46.3	21 200	38.6	49.3	20 200	38.0
40.0																			31.1	46.4	18 800	40.0
42.0																			21.3	42.2	17 600	42.0

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

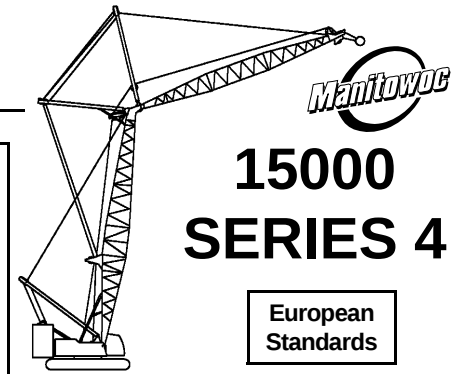
Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
12.2	73.9	65.1	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	54 200*													18.0
20.0	57.7	61.5	42 400*	60.3	62.1	46 000*	64.0	62.9	49 500	67.6	63.4	48 300										20.0
22.0	53.1	60.1	38 000*	55.8	60.8	42 300*	59.7	61.8	45 200	63.4	62.4	43 800										22.0
24.0	48.2	58.4	34 600*	51.1	59.3	38 900*	55.2	60.5	41 400	59.1	61.3	40 100										24.0
26.0	42.8	56.4	31 900*	46.0	57.5	35 300*	50.4	58.9	38 100	54.6	60.0	37 000	61.0	61.1	35 200							26.0
28.0	36.9	53.9	29 600*	40.4	55.3	32 200*	45.3	57.0	35 200	49.8	58.4	34 200	56.5	59.9	32 500							28.0
30.0	29.9	50.8	26 800*	34.1	52.6	29 300*	39.7	54.8	31 800*	44.6	56.5	31 600	51.8	58.4	30 100							30.0
32.0	20.9	46.4	23 400*	26.5	49.1	26 200*	33.2	52.0	28 900*	38.9	54.2	29 100	46.8	56.6	27 700	53.7	58.0	26 300				32.0
34.0							25.4	48.3	26 200*	32.3	51.3	26 900	41.3	54.5	25 600	48.8	56.4	24 300				34.0
36.0							13.6	42.5	21 600*	24.1	47.4	25 000	35.2	51.9	23 700	43.5	54.4	22 500	50.5	55.8	21 400	36.0
38.0										11.1	40.8	21 500	27.8	48.5	22 100	37.6	52.0	21 000	45.4	54.0	19 900	38.0
40.0													17.8	43.6	20 600	30.8	49.0	19 600	39.7	51.7	18 500	40.0
42.0																22.2	44.9	18 300	33.3	49.0	17 300	42.0
44.0																			25.4	45.3	16 200	44.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A On Boom No. 57
107 680 kg Crane Counterweight
52 160 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



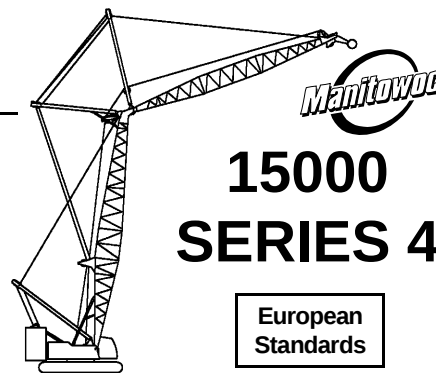
33.5m (110 Ft.) Boom, 33.5m (110 Ft.) Luffing Jib

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	
12.2	75.4	68.3	56 000*(b)																			12.2
14.0	72.2	67.7	54 800*(b)																			14.0
16.0	68.6	67.0	51 000*	70.7	67.4	53 600*(b)																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	48 400*													20.0
22.0	56.9	63.8	37 900*	59.3	64.5	41 500*	62.7	65.3	44 500	66.0	65.8	43 300										22.0
24.0	52.7	62.4	34 400*	55.2	63.2	38 400*	58.8	64.1	40 900	62.2	64.8	39 600										24.0
26.0	48.2	60.7	31 500*	50.9	61.6	35 200*	54.7	62.8	37 600	58.2	63.7	36 500										26.0
28.0	43.4	58.7	29 100*	46.3	59.8	32 100*	50.3	61.2	34 900	54.1	62.3	33 800	59.9	63.5	32 100							28.0
30.0	38.1	56.3	26 400*	41.3	57.7	29 300*	45.7	59.3	31 900*	49.7	60.7	31 400	55.9	62.2	29 800							30.0
32.0	32.1	53.4	23 900*	35.7	55.1	26 700*	40.6	57.2	28 900*	45.0	58.8	29 000	51.6	60.7	27 600	57.4	61.8	26 200				32.0
34.0	24.7	49.6	21 900*	29.2	51.9	24 400*	34.9	54.5	26 400*	39.9	56.5	26 900	47.0	58.9	25 500	53.3	60.4	24 200				34.0
36.0	14.0	43.7	18 600*	20.9	47.5	21 300*	28.3	51.2	24 300*	34.1	53.8	24 900	42.1	56.8	23 700	48.8	58.7	22 500				36.0
38.0							19.6	46.5	21 300*	27.3	50.4	23 300	36.6	54.3	22 100	44.0	56.7	20 900				38.0
40.0										18.1	45.4	21 400	30.3	51.2	20 600	38.8	54.4	19 500	45.7	56.3	18 500	40.0
42.0													22.4	47.1	19 300	32.9	51.6	18 300	40.6	54.1	17 300	42.0
44.0													9.4	39.7	18 100	25.7	47.9	17 200	35.0	51.5	16 200	44.0
46.0																			28.3	48.1	15 200	46.0
48.0																			19.7	43.5	14 300	48.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A On Boom No. 57
107 680 kg Crane Counterweight
52 160 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, 36.6m (120 Ft.) Luffing Jib

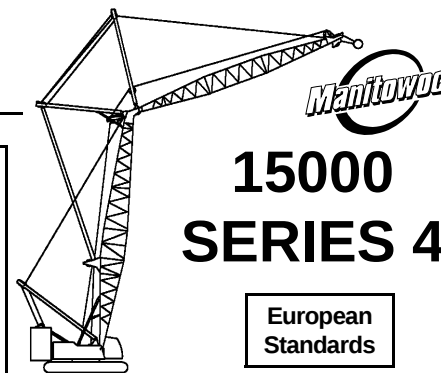
Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity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

Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A On Boom No. 57
107 680 kg Crane Counterweight
52 160 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
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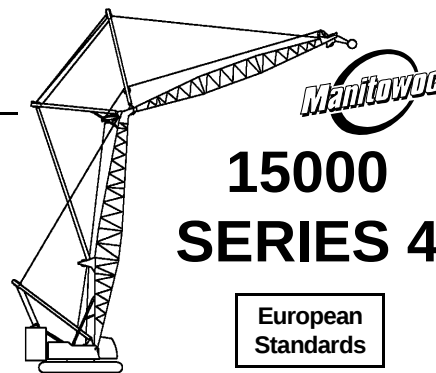
33.5m (110 Ft.) Boom, 39.6m (130 Ft.) Luffing Jib

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.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	
13.7	75.4	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	45 900*													20.0
22.0	62.5	70.9	37 800*	64.4	71.4	39 700*	67.2	72.0	42 500*													22.0
24.0	59.2	69.8	34 400*	61.2	70.4	36 900*	64.0	71.1	39 400													24.0
26.0	55.8	68.5	31 300*	57.8	69.2	34 400*	60.7	70.0	36 400	63.6	70.7	35 200										26.0
28.0	52.2	67.0	28 500*	54.3	67.8	31 700*	57.3	68.8	33 700	60.3	69.6	32 600										28.0
30.0	48.4	65.3	25 800*	50.6	66.2	28 800*	53.8	67.4	31 200	56.9	68.3	30 400										30.0
32.0	44.3	63.3	23 400*	46.7	64.4	26 300*	50.1	65.8	28 500*	53.3	66.9	28 300	58.3	68.2	26 800							32.0
34.0	40.0	61.1	21 300*	42.6	62.4	24 100*	46.2	64.0	26 000*	49.6	65.3	26 500	54.8	66.8	25 100							34.0
36.0	35.2	58.4	19 600*	38.0	60.0	22 200*	42.0	61.9	23 800*	45.6	63.4	24 600	51.2	65.3	23 300	56.2	66.4	22 000				36.0
38.0	29.7	55.2	18 100*	33.0	57.1	20 500*	37.4	59.4	22 000*	41.4	61.3	22 900	47.3	63.5	21 700	52.6	65.0	20 400				38.0
40.0	23.0	51.1	16 800*	27.1	53.5	19 000*	32.3	56.5	20 300*	36.8	58.7	21 400	43.2	61.5	20 200	48.8	63.3	19 100				40.0
42.0	13.5	44.8	14 600*	19.6	48.8	16 600*	26.2	52.8	18 800*	31.5	55.7	20 000	38.8	59.2	18 900	44.8	61.4	17 900	50.1	62.7	16 800	42.0
44.0							18.4	47.8	16 700*	25.3	52.0	18 700	33.8	56.4	17 700	40.5	59.2	16 700	46.2	60.9	15 700	44.0
46.0										17.1	46.6	16 700*	28.1	53.0	16 700	35.8	56.6	15 700	42.0	58.8	14 800	46.0
48.0													21.0	48.5	15 700	30.4	53.4	14 800	37.4	56.3	13 900	48.0
50.0													9.5	40.8	14 800	23.9	49.5	13 900	32.3	53.4	13 100	50.0
52.0																			26.3	49.8	12 400	52.0
54.0																			18.5	44.8	11 600	54.0

Liftcrane Luffing Jib Capacities

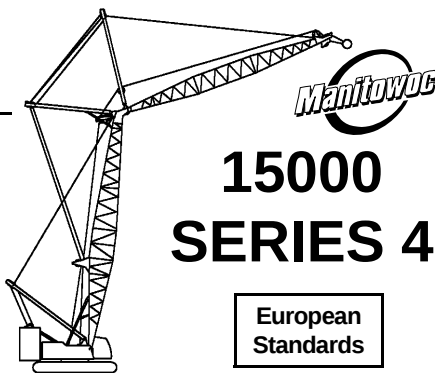
Luffing Jib No. 149A On Boom No. 57
107 680 kg Crane Counterweight
52 160 kg Carbody Counterweight
360 Degree Rating

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.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	
15.2	74.4	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	41 400*													22.0
24.0	61.6	73.3	33 500*	63.4	73.8	36 000*	66.0	74.5	38 500*													24.0
26.0	58.5	72.1	30 600*	60.3	72.7	33 600*	63.0	73.5	35 800	65.6	74.1	34 600										26.0
28.0	55.3	70.8	27 900*	57.2	71.5	31 400*	59.9	72.4	33 100	62.6	73.1	32 000										28.0
30.0	51.9	69.3	25 400*	53.9	70.1	28 600*	56.8	71.1	30 800	59.5	71.9	29 800										30.0
32.0	48.4	67.6	23 100*	50.5	68.5	26 000*	53.5	69.7	28 200	56.3	70.7	27 800	60.8	71.7	26 300							32.0
34.0	44.7	65.7	21 100*	46.9	66.7	23 900*	50.0	68.1	25 800*	53.0	69.2	26 000	57.7	70.5	24 600							34.0
36.0	40.7	63.5	19 400*	43.0	64.7	21 900*	46.4	66.3	23 600*	49.6	67.6	24 300	54.4	69.1	23 000							36.0
38.0	36.3	60.9	17 800*	38.9	62.3	20 300*	42.5	64.2	21 700*	45.9	65.7	22 700	51.0	67.6	21 400	55.7	68.7	20 200				38.0
40.0	31.4	57.8	16 500*	34.3	59.6	18 800*	38.3	61.8	20 100*	42.0	63.6	21 100	47.5	65.8	20 000	52.4	67.3	18 800				40.0
42.0	25.7	54.1	15 400*	29.2	56.3	17 500*	33.7	59.0	18 600*	37.7	61.2	19 800	43.7	63.8	18 700	48.9	65.6	17 600				42.0
44.0	18.4	49.0	14 100*	22.9	52.1	15 700*	28.4	55.6	17 300*	33.0	58.3	18 500	39.6	61.5	17 500	45.1	63.7	16 500	50.1	65.0	15 500	44.0
46.0							22.0	51.3	15 900*	27.6	54.8	17 200*	35.1	58.9	16 500	41.2	61.5	15 500	46.4	63.2	14 500	46.0
48.0							12.7	44.7	13 400*	21.0	50.3	15 900*	30.0	55.7	15 500	36.9	59.0	14 500	42.6	61.1	13 600	48.0
50.0										10.8	43.0	13 500*	24.0	51.7	14 600	32.1	56.0	13 700	38.4	58.7	12 800	50.0
52.0													15.9	46.0	13 800	26.5	52.4	12 900	33.8	55.9	12 100	52.0
54.0																19.4	47.5	12 200	28.5	52.5	11 400	54.0
56.0																			22.1	48.2	10 800	56.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A On Boom No. 57
107 680 kg Crane Counterweight
52 160 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 4

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Standards

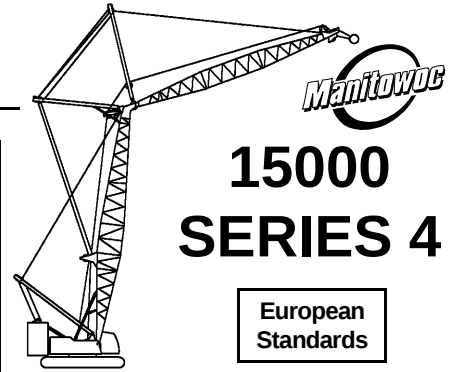
33.5m (110 Ft.) Boom, 45.7m (150 Ft.) Luffing Jib

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.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	
15.2	75.5	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	37 500*													24.0
26.0	60.8	75.7	29 800*	62.5	76.2	32 900*	65.0	76.9	35 000	67.3	77.4	34 200										26.0
28.0	57.9	74.5	27 400*	59.6	75.1	30 900*	62.1	75.9	32 700	64.6	76.5	31 600										28.0
30.0	54.9	73.1	25 100*	56.7	73.8	28 600*	59.3	74.7	30 400	61.8	75.4	29 400										30.0
32.0	51.7	71.6	23 000*	53.6	72.4	26 100*	56.3	73.4	28 300	58.9	74.3	27 400	62.9	75.2	25 900							32.0
34.0	48.4	69.9	21 100*	50.4	70.8	23 900*	53.2	72.0	25 800*	55.9	73.0	25 700	60.1	74.1	24 200							34.0
36.0	45.0	68.0	19 300*	47.0	69.0	22 000*	50.0	70.4	23 600*	52.8	71.5	24 100	57.1	72.8	22 700							36.0
38.0	41.3	65.8	17 800*	43.5	67.0	20 300*	46.6	68.6	21 700*	49.5	69.9	22 600	54.1	71.4	21 300							38.0
40.0	37.3	63.3	16 400*	39.6	64.7	18 800*	43.0	66.5	20 100*	46.1	68.0	21 100	50.9	69.9	19 900	55.3	71.1	18 700				40.0
42.0	32.9	60.4	15 300*	35.5	62.1	17 500*	39.1	64.2	18 600*	42.5	65.9	19 700	47.6	68.1	18 600	52.1	69.6	17 500				42.0
44.0	27.8	56.9	14 200*	30.8	59.0	16 300*	34.9	61.5	17 300*	38.6	63.6	18 400	44.0	66.2	17 400	48.9	67.9	16 400				44.0
46.0	21.7	52.5	13 400*	25.4	55.1	15 100*	30.2	58.3	16 100*	34.3	60.8	17 200*	40.3	63.9	16 400	45.4	66.0	15 400	50.0	67.3	14 400	46.0
48.0	13.1	45.9	11 600*	18.6	50.1	13 100*	24.7	54.4	15 000*	29.5	57.5	16 000*	36.2	61.3	15 400	41.7	63.9	14 500	46.6	65.5	13 600	48.0
50.0							17.5	49.0	13 300*	23.8	53.5	14 900*	31.6	58.3	14 500	37.8	61.4	13 600	43.0	63.5	12 800	50.0
52.0										16.3	47.8	13 400*	26.4	54.6	13 700	33.4	58.6	12 900	39.2	61.1	12 000	52.0
54.0													19.8	49.8	13 000	28.5	55.2	12 100	35.0	58.4	11 300	54.0
56.0													9.6	41.9	12 100	22.6	50.9	11 500	30.2	55.2	10 700	56.0
58.0																			24.7	51.3	10 100	58.0
60.0																			17.6	46.0	9 600	60.0

Liftcrane Luffing Jib Capacities

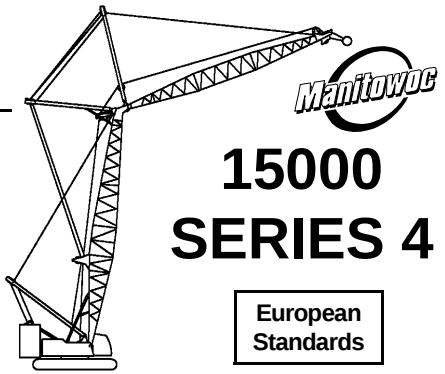
Luffing Jib No. 149A On Boom No. 57
107 680 kg Crane Counterweight
52 160 kg Carbody Counterweight
360 Degree Rating

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.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	
16.8	74.5	82.8	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	35 300*													24.0
26.0	62.8	79.1	28 700*	64.4	79.7	32 100*	66.6	80.3	34 100*													26.0
28.0	60.1	78.0	26 500*	61.7	78.6	30 100*	64.0	79.3	32 000	66.3	79.8	31 100										28.0
30.0	57.4	76.8	24 500*	59.0	77.4	28 200*	61.4	78.3	29 900	63.7	78.9	28 800										30.0
32.0	54.5	75.4	22 500*	56.2	76.2	25 900*	58.6	77.1	27 800	61.0	77.8	26 900										32.0
34.0	51.6	73.9	20 800*	53.3	74.7	23 600*	55.8	75.8	25 500*	58.3	76.6	25 200	62.1	77.6	23 700							34.0
36.0	48.5	72.2	19 100*	50.3	73.1	21 700*	52.9	74.3	23 400*	55.4	75.3	23 600	59.4	76.4	22 200							36.0
38.0	45.2	70.3	17 600*	47.1	71.3	20 000*	49.9	72.7	21 500*	52.5	73.8	22 200	56.6	75.2	20 900							38.0
40.0	41.8	68.1	16 300*	43.8	69.3	18 600*	46.7	70.9	19 800*	49.5	72.2	20 900	53.8	73.8	19 600							40.0
42.0	38.1	65.7	15 100*	40.3	67.1	17 200*	43.4	68.9	18 400*	46.3	70.3	19 500	50.8	72.2	18 300	54.9	73.4	17 200				42.0
44.0	34.1	62.9	14 100*	36.5	64.5	16 000*	39.8	66.6	17 000*	42.9	68.3	18 200	47.7	70.4	17 200	51.9	71.9	16 100				44.0
46.0	29.5	59.6	13 200*	32.2	61.5	15 000*	35.9	64.0	15 900*	39.3	65.9	16 900*	44.4	68.5	16 100	48.9	70.2	15 100				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	15 700*	40.9	66.3	15 200	45.6	68.3	14 200	49.9	69.6	13 300	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	14 700*	37.1	63.7	14 300	42.2	66.2	13 400	46.8	67.8	12 500	50.0
52.0							20.9	52.6	12 700*	26.1	56.4	13 700*	32.9	60.8	13 500	38.6	63.8	12 600	43.4	65.8	11 700	52.0
54.0							12.4	45.7	10 700*	19.9	51.6	12 700*	28.3	57.4	12 700	34.6	61.1	11 900	39.8	63.5	11 100	54.0
56.0										10.8	44.1	10 800*	22.7	53.1	12 000	30.1	57.9	11 200	36.0	60.9	10 400	56.0
58.0													15.3	47.2	11 400	25.0	54.0	10 600	31.7	57.8	9 900	58.0
60.0																18.5	48.8	10 000	26.8	54.2	9 300	60.0
62.0																			20.9	49.6	8 800	62.0
64.0																			12.5	42.7	8 300	64.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A On Boom No. 57
107 680 kg Crane Counterweight
52 160 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		

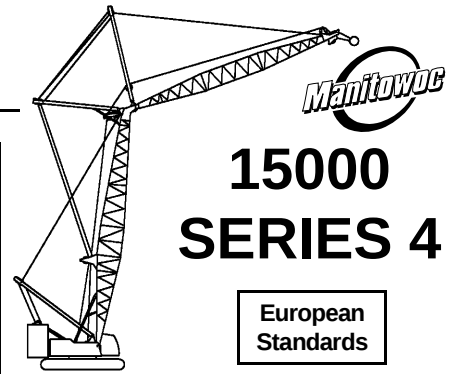
33.5m (110 Ft.) Boom, 51.8m (170 Ft.) Luffing Jib

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	31 600*													26.0
28.0	62.1	81.5	25 500*	63.5	82.1	29 500*	65.7	82.7	31 200*													28.0
30.0	59.5	80.4	23 700*	61.0	81.0	27 700*	63.2	81.7	29 400	65.3	82.3	28 400										30.0
32.0	56.9	79.1	22 000*	58.4	79.8	25 600*	60.7	80.6	27 400	62.9	81.3	26 400										32.0
34.0	54.2	77.7	20 400*	55.8	78.5	23 400*	58.1	79.4	25 400*	60.3	80.2	24 700										34.0
36.0	51.4	76.2	18 900*	53.1	77.0	21 500*	55.4	78.1	23 100*	57.7	79.0	23 200	61.4	80.0	21 800							36.0
38.0	48.5	74.5	17 400*	50.2	75.4	19 800*	52.7	76.6	21 300*	55.1	77.6	21 800	58.8	78.8	20 500							38.0
40.0	45.5	72.6	16 200*	47.3	73.6	18 300*	49.8	75.0	19 600*	52.3	76.1	20 500	56.2	77.5	19 300							40.0
42.0	42.2	70.5	15 000*	44.1	71.7	17 000*	46.9	73.2	18 200*	49.5	74.5	19 300	53.5	76.1	18 200							42.0
44.0	38.8	68.1	14 000*	40.8	69.4	15 800*	43.7	71.2	16 800*	46.5	72.6	18 000	50.7	74.5	17 000	54.5	75.7	15 900				44.0
46.0	35.1	65.4	13 100*	37.3	66.9	14 700*	40.4	68.9	15 700*	43.3	70.6	16 700*	47.7	72.7	16 000	51.8	74.2	14 900				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	15 500*	44.6	70.8	15 000	48.9	72.5	14 000				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	14 500*	41.4	68.6	14 100	45.9	70.6	13 200	49.9	71.9	12 300	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	13 500*	37.9	66.2	13 300	42.7	68.6	12 400	46.9	70.1	11 500	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	12 600*	34.1	63.4	12 600	39.3	66.2	11 700	43.8	68.1	10 900	54.0
56.0							16.8	50.3	10 500*	22.6	54.9	11 800*	29.8	60.1	11 900	35.6	63.5	11 100	40.4	65.9	10 200	56.0
58.0										15.7	49.0	10 600*	25.0	56.2	11 200	31.5	60.5	10 400	36.9	63.3	9 700	58.0
60.0													18.9	51.1	10 600	26.9	56.8	9 900	32.9	60.4	9 100	60.0
62.0													9.7	43.0	9 700	21.4	52.3	9 300	28.6	57.0	8 600	62.0
64.0																14.0	45.9	8 800	23.4	52.8	8 200	64.0
66.0																			16.9	47.2	7 700	66.0

Liftcrane Luffing Jib Capacities

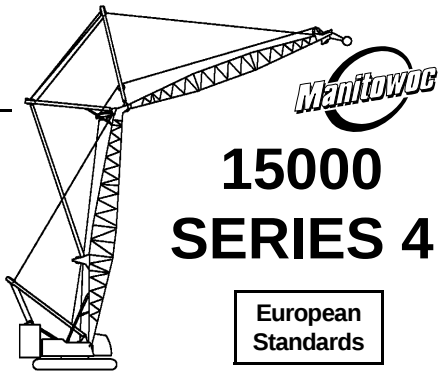
Luffing Jib No. 149A On Boom No. 57
107 680 kg Crane Counterweight
52 160 kg Carbody Counterweight
360 Degree Rating

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.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	
18.3	74.6	88.7	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	28 200*													28.0
30.0	61.4	83.9	22 900*	62.8	84.4	26 600*	64.8	85.1	28 200*	66.8	85.6	27 800										30.0
32.0	59.0	82.7	21 400*	60.4	83.3	25 000*	62.5	84.1	26 900	64.5	84.7	25 900										32.0
34.0	56.5	81.5	19 900*	57.9	82.1	23 200*	60.1	83.0	25 100	62.1	83.7	24 200										34.0
36.0	53.9	80.1	18 500*	55.4	80.8	21 200*	57.6	81.8	22 900*	59.7	82.6	22 700										36.0
38.0	51.3	78.5	17 200*	52.8	79.3	19 600*	55.1	80.4	21 000*	57.3	81.3	21 300	60.8	82.3	20 000							38.0
40.0	48.5	76.8	16 000*	50.2	77.7	18 100*	52.5	78.9	19 300*	54.8	79.9	20 100	58.3	81.2	18 800							40.0
42.0	45.7	74.9	14 900*	47.4	75.9	16 700*	49.8	77.3	17 900*	52.1	78.4	19 000	55.8	79.8	17 700							42.0
44.0	42.6	72.8	13 900*	44.4	74.0	15 500*	47.0	75.5	16 600*	49.4	76.8	17 700	53.2	78.4	16 700							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	16 400*	50.6	76.8	15 700	54.3	78.0	14 600				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	15 300*	47.8	75.0	14 800	51.6	76.5	13 700				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	14 200*	44.9	73.1	13 900	48.9	74.8	12 900				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	13 200*	41.8	71.0	13 100	46.0	72.9	12 200	49.8	74.2	11 300	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	12 400*	38.6	68.6	12 300	43.0	70.9	11 500	47.0	72.4	10 600	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	11 600*	35.0	65.8	11 600	39.8	68.6	10 800	44.1	70.4	10 000	56.0
58.0							19.9	54.0	10 000*	24.8	58.0	10 900*	31.2	62.7	11 000	36.4	66.0	10 200	40.9	68.2	9 400	58.0
60.0							12.2	46.8	8 400*	19.1	52.9	10 100*	26.8	59.1	10 400	32.7	63.0	9 600	37.6	65.7	8 900	60.0
62.0										10.7	45.2	8 500*	21.6	54.5	9 900	28.6	59.6	9 100	34.0	62.9	8 400	62.0
64.0													14.8	48.3	9 300	23.8	55.5	8 600	30.0	59.7	7 900	64.0
66.0																17.7	50.1	8 100	25.5	55.8	7 500	66.0
68.0																			20.0	50.9	7 000	68.0
70.0																			12.3	43.8	6 600	70.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A On Boom No. 57
107 680 kg Crane Counterweight
52 160 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

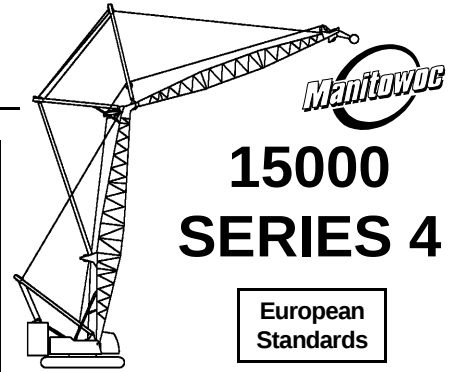
33.5m (110 Ft.) Boom, 57.9m (190 Ft.) Luffing Jib

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.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	
18.3	75.5	91.9	23 400*																			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	24 900*	65.9	88.1	25 600										32.0
34.0	58.5	85.1	19 500*	59.8	85.7	22 700*	61.8	86.5	24 600	63.7	87.1	23 900										34.0
36.0	56.1	83.8	18 200*	57.5	84.5	21 300*	59.5	85.4	23 100	61.5	86.1	22 400										36.0
38.0	53.7	82.4	17 000*	55.1	83.1	19 600*	57.2	84.1	21 100*	59.2	84.9	21 100										38.0
40.0	51.2	80.8	15 800*	52.6	81.6	18 100*	54.8	82.7	19 400*	56.9	83.6	19 800	60.2	84.7	18 600							40.0
42.0	48.6	79.1	14 800*	50.1	80.0	16 700*	52.3	81.2	17 900*	54.5	82.2	18 700	57.9	83.5	17 500							42.0
44.0	45.8	77.2	13 800*	47.4	78.2	15 500*	49.8	79.6	16 600*	52.0	80.7	17 700	55.5	82.2	16 500							44.0
46.0	43.0	75.2	12 900*	44.7	76.3	14 500*	47.1	77.8	15 400*	49.4	79.1	16 400*	53.0	80.7	15 600	56.4	81.7	14 500				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	15 200*	50.5	79.1	14 600	54.0	80.3	13 600				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	14 200*	47.9	77.3	13 800	51.5	78.8	12 800				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	13 200*	45.1	75.4	13 000	48.9	77.1	12 000	52.3	78.2	11 100	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	12 300*	42.2	73.3	12 200	46.2	75.2	11 300	49.8	76.5	10 500	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	11 500*	39.2	70.9	11 500	43.4	73.2	10 700	47.1	74.7	9 900	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	10 800*	35.9	68.3	10 900	40.4	70.9	10 100	44.3	72.7	9 300	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	10 100*	32.3	65.3	10 300	37.2	68.4	9 600	41.4	70.6	8 700	60.0
62.0							16.2	51.5	8 300*	21.6	56.3	9 500*	28.4	61.8	9 800	33.7	65.6	9 000	38.3	68.1	8 300	62.0
64.0							5.2	40.5	6 600*	15.2	50.2	8 400*	23.8	57.7	9 300	30.0	62.3	8 500	34.9	65.4	7 800	64.0
66.0													18.2	52.4	8 700	25.7	58.4	8 000	31.3	62.3	7 300	66.0
68.0													9.7	44.1	7 900	20.5	53.7	7 600	27.2	58.7	6 900	68.0
70.0																13.6	47.0	7 200	22.4	54.2	6 600	70.0
72.0																			16.3	48.4	6 200	72.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A On Boom No. 57
107 680 kg Crane Counterweight
52 160 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	

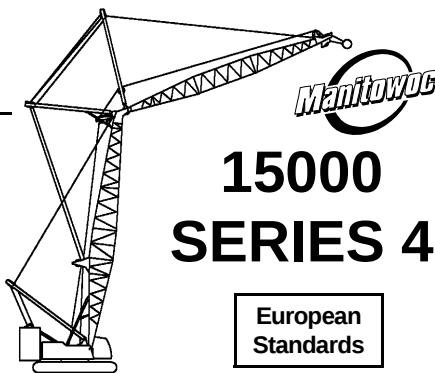


15000
SERIES 4

European
Standards

33.5m (110 Ft.) Boom, 61.0m (200 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	
19.8	74.7	94.6	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	23 700*										32.0
34.0	60.2	88.7	18 800*	61.5	89.2	21 700*	63.3	89.9	22 100*	65.1	90.5	23 400										34.0
36.0	58.0	87.4	17 600*	59.3	88.1	20 500*	61.2	88.9	22 000*	63.0	89.5	22 000										36.0
38.0	55.8	86.1	16 600*	57.1	86.8	19 300*	59.0	87.7	20 900*	60.9	88.4	20 600										38.0
40.0	53.4	84.7	15 500*	54.8	85.4	17 800*	56.8	86.4	19 200*	58.7	87.2	19 400	61.8	88.2	18 100							40.0
42.0	51.1	83.1	14 600*	52.5	83.9	16 500*	54.5	85.1	17 700*	56.5	86.0	18 300	59.6	87.1	17 100							42.0
44.0	48.6	81.4	13 600*	50.0	82.3	15 300*	52.2	83.5	16 300*	54.2	84.6	17 300	57.4	85.8	16 100							44.0
46.0	46.0	79.5	12 800*	47.5	80.6	14 200*	49.7	81.9	15 100*	51.8	83.0	16 200*	55.2	84.5	15 200							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	15 000*	52.8	83.0	14 400	56.0	84.1	13 300				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	13 900*	50.4	81.4	13 500	53.7	82.7	12 500				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	13 000*	47.9	79.7	12 700	51.4	81.1	11 800				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	12 000*	45.3	77.7	12 000	48.9	79.4	11 100	52.2	80.5	10 200	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	11 300*	42.6	75.6	11 300	46.3	77.6	10 400	49.7	78.8	9 600	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	10 500*	39.7	73.3	10 700	43.7	75.5	9 900	47.2	77.0	9 000	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	9 800*	36.7	70.7	10 100	40.8	73.3	9 300	44.6	75.1	8 500	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	9 200*	33.3	67.8	9 600	37.9	70.8	8 800	41.8	72.9	8 000	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	8 600*	29.7	64.5	9 000	34.6	68.1	8 300	38.9	70.5	7 500	64.0
66.0							12.0	47.9	6 600*	18.4	54.2	8 000*	25.6	60.7	8 500	31.2	64.9	7 800	35.8	67.9	7 100	66.0
68.0										10.6	46.2	6 700*	20.8	55.9	8 100	27.3	61.3	7 400	32.4	64.9	6 700	68.0
70.0													14.4	49.4	7 600	22.7	56.9	7 000	28.6	61.4	6 300	70.0
72.0																17.1	51.3	6 500	24.4	57.3	5 900	72.0
74.0																			19.2	52.2	5 600	74.0
76.0																			12.1	44.9	5 200	76.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A On Boom No. 57
107 680 kg Crane Counterweight
52 160 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 4**

European
Standards

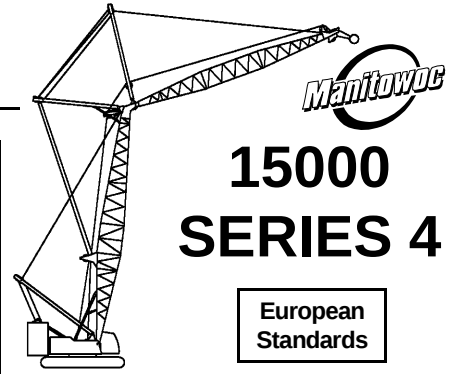
33.5m (110 Ft.) Boom, 64.0m (210 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	
19.8	75.5	97.8	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	21 300*										34.0
36.0	59.7	91.0	17 100*	60.9	91.6	19 700*	62.7	92.3	19 700*	64.4	92.9	21 200										36.0
38.0	57.6	89.8	16 100*	58.8	90.4	18 600*	60.7	91.2	19 600*	62.4	91.9	20 200										38.0
40.0	55.5	88.4	15 100*	56.7	89.1	17 600*	58.6	90.1	18 800*	60.4	90.8	19 000										40.0
42.0	53.2	87.0	14 200*	54.5	87.8	16 300*	56.4	88.8	17 500*	58.3	89.6	17 900	61.2	90.6	16 700							42.0
44.0	51.0	85.4	13 400*	52.3	86.2	15 000*	54.3	87.4	16 100*	56.1	88.3	16 900	59.2	89.4	15 700							44.0
46.0	48.6	83.7	12 600*	50.0	84.6	14 000*	52.0	85.8	14 900*	54.0	86.9	15 900	57.1	88.2	14 800							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	14 800*	54.9	86.8	14 000							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	13 700*	52.7	85.3	13 300	55.7	86.4	12 300				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	12 700*	50.4	83.7	12 500	53.5	85.0	11 600				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	11 900*	48.0	81.9	11 800	51.2	83.4	10 900				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	11 000*	45.5	80.0	11 100	48.9	81.7	10 200				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	10 300*	42.9	78.0	10 500	46.5	79.9	9 600	49.7	81.1	8 800	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	9 600*	40.2	75.7	9 900	43.9	77.8	9 100	47.3	79.3	8 300	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	9 000*	37.3	73.2	9 400	41.3	75.6	8 600	44.8	77.4	7 800	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	8 400*	34.2	70.3	8 800	38.4	73.2	8 100	42.2	75.2	7 300	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	7 900*	30.9	67.2	8 400	35.4	70.5	7 600	39.4	72.9	6 900	66.0
68.0							15.7	52.6	6 400*	20.8	57.7	7 400*	27.1	63.5	7 900	32.2	67.5	7 200	36.5	70.3	6 500	68.0
70.0							5.9	41.8	4 900*	14.8	51.3	6 500*	22.8	59.1	7 500	28.6	64.0	6 800	33.3	67.4	6 100	70.0
72.0													17.6	53.6	7 000	24.6	60.0	6 400	29.9	64.1	5 700	72.0
74.0													9.8	45.2	6 200*	19.8	55.0	6 000	26.0	60.3	5 400	74.0
76.0																13.3	48.1	5 700	21.5	55.7	5 100	76.0
78.0																			15.8	49.6	4 800	78.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A On Boom No. 57
107 680 kg Crane Counterweight
52 160 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, 67.1m (220 Ft.) Luffing Jib

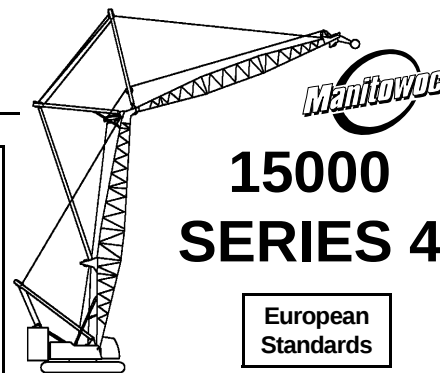
Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	
21.3	74.8	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	19 000*							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	18 900*							38.0
40.0	57.2	92.1	14 600*	58.4	92.8	16 200*	60.2	93.6	17 200*	61.8	94.3	18 000*							40.0
42.0	55.2	90.7	13 800*	56.4	91.5	15 200*	58.2	92.4	16 200*	59.9	93.2	17 100*							42.0
44.0	53.1	89.3	13 000*	54.3	90.1	14 300*	56.1	91.1	15 200*	57.9	91.9	16 100*	60.7	93.0	15 300				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	15 200*	58.7	91.8	14 400				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	14 300*	56.7	90.5	13 600				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	13 400*	54.6	89.1	12 900				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	12 500*	52.5	87.6	12 200	55.4	88.7	11 200	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	11 600*	50.3	86.0	11 500	53.3	87.3	10 600	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	10 800*	48.0	84.2	10 900	51.1	85.7	10 000	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	10 000*	45.7	82.3	10 300	48.9	84.0	9 400	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	9 400*	43.2	80.3	9 700	46.6	82.2	8 800	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	8 800*	40.6	78.0	9 100	44.2	80.2	8 300	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	8 200*	37.9	75.6	8 600	41.6	78.0	7 800	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	7 600*	35.0	72.8	8 100	39.0	75.6	7 400	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	7 700	36.2	73.0	7 000	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	7 200	33.1	70.0	6 500	70.0
72.0							11.8	49.0	4 900*	17.8	55.4	5 900*	24.6	62.2	6 900	29.8	66.7	6 100	72.0
74.0										10.6	47.3	5 000*	20.0	57.2	6 400*	26.1	62.9	5 800	74.0
76.0													14.1	50.6	5 700*	21.9	58.3	5 400	76.0
78.0																16.6	52.5	5 100	78.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A On Boom No. 57
107 680 kg Crane Counterweight
52 160 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



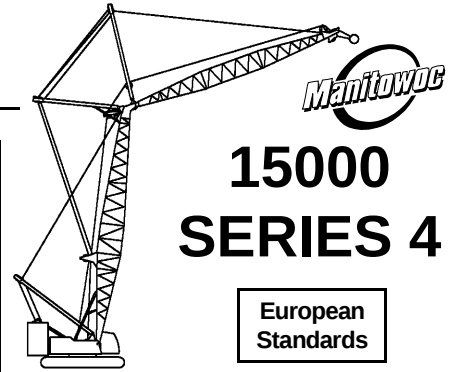
33.5m (110 Ft.) Boom, 70.1m (230 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
21.3	75.5	103.7	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	18 100*							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	18 000*							38.0
40.0	58.8	95.7	13 900*	59.9	96.3	16 000*	61.6	97.1	16 500*	63.2	97.7	17 800							40.0
42.0	56.9	94.4	13 200*	58.0	95.1	15 200*	59.7	96.0	16 300*	61.3	96.7	17 300							42.0
44.0	54.9	93.1	12 400*	56.1	93.8	14 500*	57.8	94.7	15 600*	59.4	95.5	16 200							44.0
46.0	52.9	91.6	11 800*	54.1	92.4	13 500*	55.8	93.4	14 400*	57.5	94.3	15 300	60.2	95.3	14 200				46.0
48.0	50.8	90.0	11 100*	52.0	90.9	12 500*	53.8	92.0	13 300*	55.5	92.9	14 300*	58.3	94.1	13 400				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	13 200*	56.4	92.8	12 600				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	12 200*	54.4	91.4	11 900	57.1	92.4	10 900	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	11 400*	52.3	89.9	11 300	55.2	91.0	10 300	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	10 600*	50.2	88.3	10 700	53.1	89.6	9 800	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	9 900*	48.1	86.6	10 100	51.1	88.0	9 200	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	9 200*	45.8	84.7	9 500	48.9	86.3	8 700	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	8 600*	43.5	82.6	9 000	46.7	84.5	8 200	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	8 000*	41.0	80.4	8 500	44.4	82.5	7 700	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	8 000	42.0	80.3	7 200	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	7 500	39.5	78.0	6 800	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	7 100	36.8	75.4	6 400	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	6 700*	33.9	72.6	6 000	72.0
74.0							15.3	53.8	4 700*	20.1	59.0	5 600*	26.1	65.1	6 200*	30.9	69.4	5 600	74.0
76.0							6.4	43.0	3 500*	14.5	52.5	4 800*	22.0	60.6	5 700*	27.5	65.7	5 300	76.0
78.0													17.0	54.8	5 300*	23.7	61.5	5 000	78.0
80.0													9.8	46.2	4 600*	19.1	56.3	4 700	80.0
82.0																13.1	49.2	4 400	82.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A On Boom No. 57
107 680 kg Crane Counterweight
52 160 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

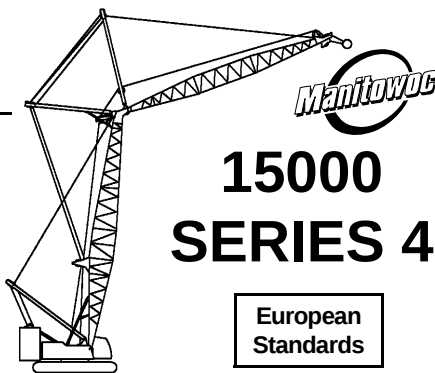


**15000
SERIES 4**

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			75 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	
22.9	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	16 000*				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	15 900*				42.0
44.0	56.6	96.8	12 000*	57.7	97.4	13 900*	59.3	98.3	14 500*	60.8	99.0	15 700				44.0
46.0	54.7	95.4	11 400*	55.8	96.1	13 200*	57.4	97.1	14 200*	59.0	97.9	14 900	61.6	98.8	13 800	46.0
48.0	52.7	93.9	10 900*	53.9	94.7	12 200*	55.5	95.7	13 100*	57.2	96.6	14 000	59.8	97.7	12 900	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	12 900*	58.0	96.5	12 200	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	12 000*	56.1	95.2	11 500	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	11 100*	54.2	93.7	10 900	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	10 300*	52.2	92.2	10 300	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	9 600*	50.2	90.6	9 800	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	8 900*	48.1	88.8	9 200	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	8 300*	46.0	87.0	8 700	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	7 700*	43.7	84.9	8 200	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	7 200*	41.4	82.7	7 700	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*	38.9	80.3	7 300	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*	36.4	77.7	6 900	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*	33.6	74.8	6 400*	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*	30.6	71.6	5 900*	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*	27.4	67.9	5 500*	76.0
78.0							11.7	50.1	3 500*	17.2	56.7	4 500*	23.7	63.7	5 100*	78.0
80.0										10.6	48.4	3 500*	19.4	58.5	4 700*	80.0
82.0													13.8	51.7	4 300*	82.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A On Boom No. 57
107 680 kg Crane Counterweight
52 160 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 4**

European
Standards

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	67 900*b																14.0
16.0	55.1	56.2	55 600*b	59.3	57.0	61 300*b																16.0
18.0	48.2	54.6	48 400*	52.7	55.6	54 500*	58.9	56.7	57 000b													18.0
20.0	40.3	52.5	43 400*	45.5	53.8	48 000*	52.3	55.3	51 400	58.6	56.3	49 800b										20.0
22.0	30.9	49.5	39 800*	37.1	51.4	42 800*	45.1	53.5	46 700	51.9	54.9	45 300										22.0
24.0	17.0	44.8	32 200*	26.7	48.1	38 400*	36.7	51.0	42 400*	44.6	53.0	41 500	55.6	55.0	39 300							24.0
26.0							26.0	47.6	38 400*	36.1	50.6	38 100	48.7	53.3	36 200							26.0
28.0										25.3	47.1	34 700	41.0	51.2	33 000	52.3	53.2	31 400				28.0
30.0													31.7	48.4	30 200	45.1	51.4	28 700				30.0
32.0													18.4	43.9	27 800	36.7	49.0	26 400	48.5	51.0	25 100	32.0
34.0																26.0	45.5	24 400	40.7	48.9	23 200	34.0
36.0																			31.3	46.0	21 500	36.0
38.0																			17.9	41.4	20 000	38.0

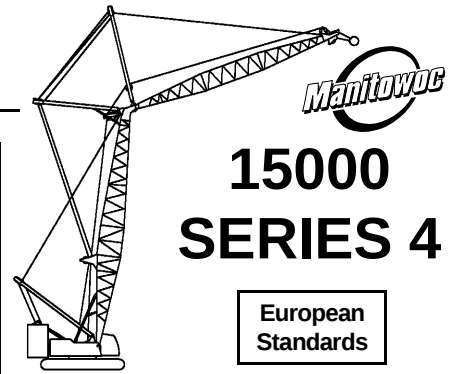
36.5m (120 Ft.) Boom, 24.4m (80 Ft.) Luffing Jib

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	65 800*b																14.0
16.0	60.0	59.9	55 500*b	63.5	60.5	59 600*b																16.0
18.0	54.4	58.5	48 000*	58.0	59.3	53 900*	63.2	60.2	56 000b													18.0
20.0	48.3	56.9	42 600*	52.2	57.9	47 700*	57.7	59.0	50 400	62.9	59.8	48 800b										20.0
22.0	41.5	54.8	38 700*	45.9	56.1	42 600*	51.9	57.6	45 900	57.4	58.6	44 400										22.0
24.0	33.6	52.1	35 600*	38.8	53.8	38 300*	45.6	55.8	42 000	51.6	57.2	40 700										24.0
26.0	23.5	48.3	31 700*	30.3	50.8	34 800*	38.4	53.5	38 300*	45.2	55.3	37 500	54.8	57.3	35 500							26.0
28.0				18.5	46.2	29 600*	29.8	50.4	35 000*	38.0	53.0	34 600	48.8	55.6	32 800							28.0
30.0							17.7	45.7	30 200*	29.3	49.9	31 600	42.1	53.6	30 000	51.9	55.5	28 500				30.0
32.0										16.8	45.0	29 100	34.3	51.0	27 700	45.6	53.7	26 200				32.0
34.0																38.4	51.4	24 200	48.6	53.3	22 900	34.0
36.0																24.4	47.3	25 600	29.8	48.3	22 500	36.0
38.0																			17.7	43.6	20 900	38.0
40.0																			24.0	44.8	18 400	40.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A On Boom No. 57
107 680 kg Crane Counterweight
52 160 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 4

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	58 100*b																16.0
18.0	58.9	62.2	48 000*	62.0	62.9	53 100*	66.4	63.6	55 100b													18.0
20.0	53.8	60.8	42 300*	57.1	61.7	47 600*	61.7	62.6	49 600	66.1	63.2	48 100b										20.0
22.0	48.4	59.2	38 100*	51.9	60.2	42 400*	56.8	61.4	45 100	61.4	62.2	43 700										22.0
24.0	42.4	57.2	34 900*	46.3	58.4	38 200*	51.6	59.9	41 400	56.5	61.0	40 000										24.0
26.0	35.7	54.6	32 200*	40.1	56.2	34 600*	46.0	58.1	38 100*	51.3	59.5	36 900	59.2	60.9	34 900							26.0
28.0	27.5	51.2	29 200*	32.9	53.4	31 700*	39.7	55.9	34 900*	45.6	57.6	34 200	54.2	59.6	32 300							28.0
30.0	15.7	46.0	24 500*	23.9	49.6	28 300*	32.5	53.0	32 000*	39.3	55.4	31 600	48.8	57.9	29 900							30.0
32.0				7.6	42.1	22 100*	23.3	49.1	28 800*	32.0	52.5	29 000	42.9	55.9	27 500	51.6	57.8	26 000				32.0
34.0										22.7	48.5	26 800	36.2	53.5	25 500	46.0	56.0	24 100				34.0
36.0													28.2	50.2	23 600	39.7	53.8	22 300	48.6	55.6	21 100	36.0
38.0													16.9	45.1	22 000	32.5	51.0	20 800	42.7	53.6	19 600	38.0
40.0																23.3	47.0	19 400	36.0	51.1	18 300	40.0
42.0																			27.9	47.8	17 100	42.0
44.0																			16.4	42.6	16 000	44.0

36.5m (120 Ft.) Boom, 30.5m (100 Ft.) Luffing Jib

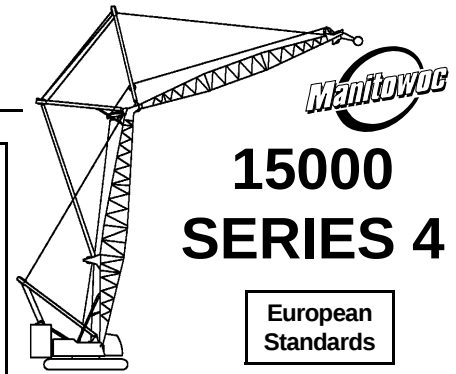
Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity 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	56 300*b																16.0
18.0	62.3	65.7	48 200*	65.0	66.3	51 600*																18.0
20.0	57.9	64.6	42 600*	60.7	65.2	47 400*	64.8	66.0	48 700													20.0
22.0	53.3	63.2	38 200*	56.3	64.0	42 200*	60.5	65.0	44 300	64.5	65.7	42 900										22.0
24.0	48.4	61.5	34 700*	51.6	62.5	38 000*	56.1	63.7	40 600	60.3	64.6	39 300										24.0
26.0	43.1	59.5	32 000*	46.6	60.7	34 500*	51.3	62.2	37 500	55.8	63.3	36 200	62.6	64.4	34 200							26.0
28.0	37.2	57.0	29 200*	41.0	58.6	31 400*	46.3	60.4	34 600	51.1	61.8	33 500	58.3	63.3	31 600							28.0
30.0	30.3	54.0	26 600*	34.8	55.9	28 900*	40.8	58.2	31 800*	46.0	60.0	31 200	53.7	61.9	29 400							30.0
32.0	21.4	49.7	23 700*	27.4	52.5	26 600*	34.5	55.6	29 400*	40.4	57.8	28 800	48.8	60.2	27 300	56.0	61.6	25 700				32.0
34.0				17.1	47.4	22 400*	27.0	52.1	26 700*	34.1	55.1	26 600	43.5	58.3	25 200	51.3	60.1	23 800				34.0
36.0							16.4	46.9	22 800*	26.5	51.5	24 700	37.7	55.9	23 400	46.3	58.3	22 100				36.0
38.0										15.6	46.1	23 000	30.9	52.8	21 800	40.7	56.1	20 500	48.7	57.9	19 300	38.0
40.0													22.2	48.7	20 300	34.5	53.5	19 200	43.4	55.9	18 000	40.0
42.0																27.0	50.0	17 900	37.5	53.5	16 900	42.0
44.0																16.4	44.8	16 800	30.6	50.5	15 800	44.0
46.0																			21.9	46.3	14 800	46.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A On Boom No. 57
107 680 kg Crane Counterweight
52 160 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



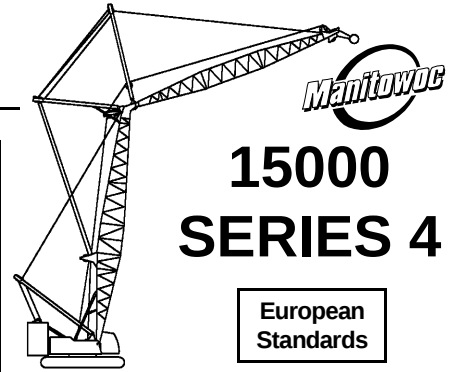
36.5m (120 Ft.) Boom, 33.5m (110 Ft.) Luffing Jib

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.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	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	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	50 200*																18.0
20.0	61.2	68.1	42 600*	63.6	68.7	46 400*	67.2	69.4	48 000													20.0
22.0	57.2	66.9	38 000*	59.7	67.6	42 300*	63.4	68.4	43 700													22.0
24.0	52.9	65.4	34 500*	55.6	66.3	37 900*	59.5	67.3	40 100	63.2	68.1	38 800										24.0
26.0	48.5	63.8	31 700*	51.4	64.8	34 400*	55.4	66.0	37 000	59.3	66.9	35 700										26.0
28.0	43.7	61.8	28 800*	46.8	63.0	31 400*	51.1	64.5	34 300	55.2	65.6	33 100	61.5	66.8	31 300							28.0
30.0	38.4	59.5	26 000*	41.8	60.9	28 800*	46.5	62.7	31 800	50.9	64.1	30 800	57.5	65.6	29 100							30.0
32.0	32.4	56.6	23 700*	36.3	58.4	26 600*	41.6	60.6	29 300*	46.3	62.3	28 800	53.3	64.2	27 100							32.0
34.0	25.2	52.8	21 900*	30.0	55.2	24 500*	36.0	58.0	26 800*	41.3	60.1	26 600	48.8	62.5	25 200	55.4	63.9	23 700				34.0
36.0	14.8	47.1	19 000*	21.9	51.0	21 800*	29.6	54.8	24 700*	35.7	57.5	24 700	44.1	60.6	23 300	51.1	62.4	22 000				36.0
38.0				8.1	43.2	17 400*	21.5	50.5	22 100*	29.2	54.3	23 000	38.8	58.3	21 800	46.5	60.6	20 500				38.0
40.0										20.9	49.9	21 400	32.9	55.4	20 300	41.6	58.5	19 100	48.7	60.2	18 000	40.0
42.0													25.8	51.8	19 000	36.0	55.9	17 900	43.9	58.2	16 800	42.0
44.0													15.8	46.3	17 800	29.6	52.8	16 800	38.7	55.9	15 700	44.0
46.0																21.5	48.4	15 800	32.7	53.0	14 800	46.0
48.0																			25.5	49.3	13 900	48.0
50.0																			15.4	43.8	13 100	50.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A On Boom No. 57
107 680 kg Crane Counterweight
52 160 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

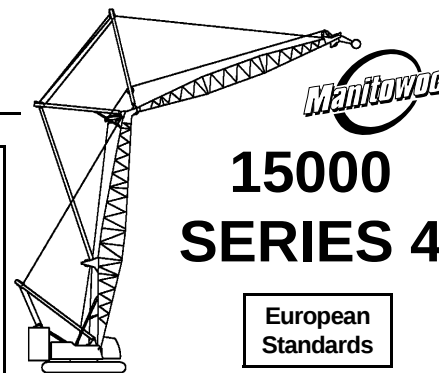
Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	
13.7	74.4	74.1	46 800*(b)																			13.7
14.0	73.9	74.0	46 700*(b)																			14.0
16.0	70.6	73.3	45 700*	72.7	73.7	52 600*(b)																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	45 100*	69.2	72.7	47 200													20.0
22.0	60.2	70.5	38 100*	62.5	71.1	41 700*	65.8	71.8	42 900													22.0
24.0	56.5	69.2	34 300*	58.9	69.9	37 700*	62.3	70.8	39 300	65.6	71.5	38 100										24.0
26.0	52.6	67.8	31 300*	55.1	68.6	34 100*	58.7	69.7	36 300	62.1	70.4	35 100										26.0
28.0	48.5	66.1	28 300*	51.2	67.1	31 100*	54.9	68.3	33 700	58.5	69.3	32 500										28.0
30.0	44.2	64.1	25 600*	47.0	65.3	28 500*	51.0	66.8	31 300	54.7	67.9	30 200	60.5	69.2	28 500							30.0
32.0	39.4	61.8	23 300*	42.5	63.2	26 300*	46.8	65.0	29 000	50.7	66.4	28 200	56.8	67.9	26 500							32.0
34.0	34.1	59.1	21 300*	37.5	60.8	24 400*	42.2	62.9	26 600*	46.5	64.6	26 400	52.9	66.5	24 800							34.0
36.0	27.9	55.7	19 700*	31.9	57.9	22 600*	37.3	60.5	24 400*	42.0	62.5	24 500	48.8	64.8	23 100	54.9	66.2	21 700				36.0
38.0	19.9	51.0	18 300*	25.3	54.1	20 500*	31.6	57.5	22 500*	37.0	60.0	22 800	44.5	62.9	21 500	51.0	64.7	20 200				38.0
40.0				16.1	48.6	17 500*	24.9	53.7	20 700*	31.3	57.0	21 300	39.8	60.7	20 100	46.8	62.9	18 800				40.0
42.0							15.5	48.0	17 800*	24.4	53.1	20 000	34.5	58.0	18 800	42.2	60.8	17 600	48.7	62.5	16 500	42.0
44.0										14.8	47.3	18 100	28.4	54.6	17 700	37.3	58.4	16 600	44.4	60.6	15 500	44.0
46.0													20.6	50.1	16 600	31.6	55.4	15 600	39.6	58.3	14 500	46.0
48.0																24.9	51.6	14 600	34.3	55.6	13 600	48.0
50.0																15.5	46.0	13 800	28.2	52.2	12 900	50.0
52.0																			20.4	47.6	12 100	52.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A On Boom No. 57
107 680 kg Crane Counterweight
52 160 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



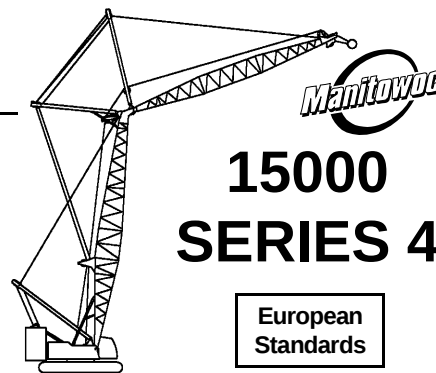
36.5m (120 Ft.) Boom, 39.6m (130 Ft.) Luffing Jib

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.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	
13.7	75.6	77.2	42 400*																			13.7
14.0	75.2	77.1	42 300*																			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	43 900*																20.0
22.0	62.7	74.0	37 000*	64.8	74.5	40 900*	67.8	75.2	42 300													22.0
24.0	59.4	72.8	33 600*	61.5	73.5	37 500*	64.6	74.2	38 700													24.0
26.0	55.9	71.5	30 600*	58.1	72.3	33 900*	61.3	73.2	35 700	64.4	73.9	34 500										26.0
28.0	52.3	70.1	27 800*	54.7	70.9	30 900*	58.0	72.0	33 100	61.2	72.8	32 000										28.0
30.0	48.6	68.4	25 300*	51.0	69.4	28 300*	54.5	70.6	30 800	57.8	71.6	29 700										30.0
32.0	44.5	66.4	23 000*	47.1	67.6	26 100*	50.8	69.1	28 800	54.3	70.2	27 700	59.6	71.6	26 100							32.0
34.0	40.2	64.2	21 100*	43.0	65.6	24 100*	46.9	67.3	26 400*	50.6	68.7	26 000	56.2	70.3	24 400							34.0
36.0	35.4	61.6	19 400*	38.5	63.2	22 400*	42.8	65.2	24 200*	46.7	66.9	24 300	52.6	68.8	22 900							36.0
38.0	30.0	58.4	17 900*	33.5	60.4	20 700*	38.3	62.9	22 300*	42.5	64.8	22 700	48.9	67.1	21 300	54.5	68.6	20 000				38.0
40.0	23.4	54.3	16 700*	27.8	57.0	19 200*	33.3	60.0	20 700*	38.0	62.4	21 200	44.9	65.2	19 900	50.8	67.0	18 700				40.0
42.0	14.2	48.2	14 900*	20.5	52.4	17 000*	27.4	56.5	19 200*	33.0	59.5	19 800	40.5	63.0	18 600	46.9	65.2	17 400				42.0
44.0				8.5	44.3	13 700*	20.1	51.9	17 300*	27.1	56.0	18 600	35.8	60.4	17 500	42.8	63.2	16 400	48.7	64.8	15 300	44.0
46.0										19.6	51.2	17 400	30.4	57.3	16 400	38.3	60.8	15 400	44.7	62.9	14 300	46.0
48.0													24.0	53.3	15 500	33.3	58.0	14 500	40.4	60.7	13 500	48.0
50.0													15.1	47.5	14 500	27.4	54.5	13 600	35.6	58.0	12 700	50.0
52.0																20.1	49.8	12 900	30.2	54.9	11 900	52.0
54.0																			23.7	50.9	11 200	54.0
56.0																			14.7	44.9	10 600	56.0

Liftcrane Luffing Jib Capacities

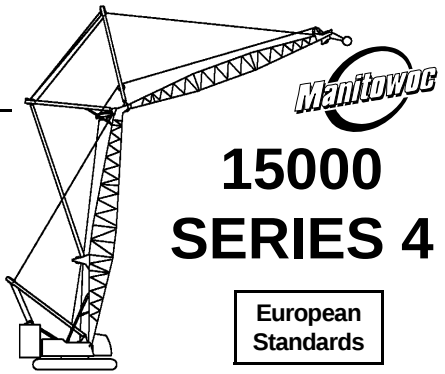
Luffing Jib No. 149A On Boom No. 57
107 680 kg Crane Counterweight
52 160 kg Carbody Counterweight
360 Degree Rating

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.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	
15.2	74.5	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	39 700*	69.5	78.4	41 300													22.0
24.0	61.8	76.3	32 600*	63.7	76.9	37 100*	66.5	77.6	38 100													24.0
26.0	58.7	75.2	29 900*	60.7	75.8	33 700*	63.6	76.7	35 100	66.4	77.2	33 900										26.0
28.0	55.5	73.9	27 300*	57.5	74.6	30 700*	60.5	75.6	32 500	63.4	76.3	31 300										28.0
30.0	52.1	72.4	25 000*	54.3	73.2	28 100*	57.4	74.3	30 200	60.3	75.2	29 100										30.0
32.0	48.6	70.7	22 900*	50.9	71.7	25 900*	54.1	72.9	28 200	57.2	73.9	27 200	62.0	75.1	25 500							32.0
34.0	44.9	68.8	20 900*	47.3	69.9	24 000*	50.7	71.4	26 400	53.9	72.6	25 500	58.9	73.9	23 800							34.0
36.0	40.9	66.6	19 200*	43.5	67.9	22 200*	47.1	69.6	24 100*	50.5	71.0	23 900	55.7	72.6	22 400							36.0
38.0	36.5	64.0	17 700*	39.4	65.6	20 600*	43.3	67.6	22 200*	46.9	69.2	22 400	52.4	71.1	21 100							38.0
40.0	31.7	61.0	16 400*	34.8	62.9	19 000*	39.1	65.2	20 500*	43.0	67.1	21 000	48.9	69.4	19 700	54.1	70.9	18 400				40.0
42.0	26.0	57.3	15 400*	29.7	59.7	17 700*	34.6	62.5	19 000*	38.9	64.8	19 600	45.2	67.5	18 400	50.7	69.3	17 200				42.0
44.0	18.8	52.3	14 300*	23.7	55.6	16 100*	29.5	59.3	17 600*	34.3	62.0	18 400	41.2	65.4	17 200	47.1	67.5	16 100	48.8	67.1	14 000	44.0
46.0				15.4	49.8	13 800*	23.3	55.1	16 400*	29.1	58.7	17 300	36.9	62.9	16 200	43.3	65.5	15 100	45.0	65.2	13 200	46.0
48.0							14.9	49.2	14 100*	22.9	54.5	16 300	32.1	59.9	15 200	39.1	63.2	14 200	41.1	63.0	12 400	48.0
50.0										14.2	48.4	14 500*	26.5	56.2	14 400	34.6	60.5	13 400	36.7	60.5	11 700	50.0
52.0													19.5	51.4	13 500	29.5	57.2	12 600	31.9	57.5	11 000	52.0
54.0																23.3	53.1	11 900	26.3	53.8	10 400	54.0
56.0																14.8	47.1	11 200	19.2	48.9	9 800	56.0
58.0																						58.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A On Boom No. 57
107 680 kg Crane Counterweight
52 160 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		

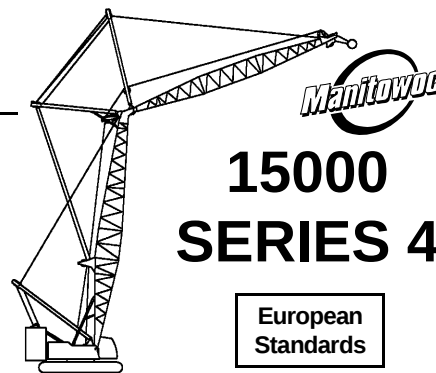
36.5m (120 Ft.) Boom, 45.7m (150 Ft.) Luffing Jib

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.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	
15.2	75.6	83.1	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	38 500*																22.0
24.0	63.8	79.8	31 300*	65.6	80.3	36 300*	68.2	80.9	37 200													24.0
26.0	61.0	78.7	28 900*	62.8	79.3	33 700*	65.5	80.1	34 700													26.0
28.0	58.1	77.5	26 600*	59.9	78.2	30 600*	62.7	79.1	32 100	65.3	79.7	31 000										28.0
30.0	55.0	76.2	24 400*	57.0	77.0	28 000*	59.8	77.9	29 800	62.5	78.7	28 800										30.0
32.0	51.9	74.7	22 500*	53.9	75.6	25 800*	56.8	76.7	27 900	59.6	77.6	26 900										32.0
34.0	48.6	73.0	20 700*	50.7	74.0	23 800*	53.8	75.3	26 100	56.7	76.3	25 100	61.2	77.4	23 600							34.0
36.0	45.2	71.1	19 000*	47.4	72.2	22 100*	50.6	73.7	24 000*	53.6	74.9	23 600	58.3	76.2	22 100							36.0
38.0	41.5	68.9	17 500*	43.8	70.2	20 400*	47.2	71.9	22 100*	50.4	73.3	22 200	55.3	74.9	20 800							38.0
40.0	37.5	66.4	16 200*	40.1	68.0	19 000*	43.7	69.9	20 400*	47.0	71.5	20 900	52.1	73.4	19 500	56.8	74.6	18 200				40.0
42.0	33.1	63.6	15 100*	35.9	65.4	17 600*	39.9	67.6	18 900*	43.4	69.5	19 500	48.9	71.7	18 300	53.8	73.2	17 100				42.0
44.0	28.1	60.1	14 100*	31.4	62.3	16 400*	35.7	65.0	17 500*	39.6	67.2	18 300	45.4	69.8	17 200	50.6	71.6	16 000				44.0
46.0	22.1	55.7	13 300*	26.1	58.6	15 200*	31.1	61.9	16 300*	35.5	64.5	17 200	41.8	67.7	16 100	47.2	69.8	15 000	52.0	71.1	13 900	46.0
48.0	13.7	49.4	11 800*	19.4	53.7	13 500*	25.8	58.1	15 300*	30.8	61.4	16 200	37.8	65.3	15 200	43.7	67.8	14 100	48.8	69.4	13 100	48.0
50.0				8.8	45.4	11 000*	19.0	53.2	13 800*	25.4	57.6	15 200*	33.4	62.4	14 300	39.9	65.5	13 300	45.3	67.5	12 300	50.0
52.0										18.6	52.5	14 000*	28.5	59.0	13 500	35.7	62.9	12 500	41.6	65.4	11 600	52.0
54.0													22.6	54.7	12 700	31.1	59.8	11 800	37.7	62.9	10 900	54.0
56.0													14.5	48.6	12 000	25.8	56.1	11 200	33.3	60.0	10 300	56.0
58.0																19.0	51.1	10 500	28.3	56.6	9 800	58.0
60.0																			22.4	52.3	9 200	60.0
62.0																			14.2	46.1	8 700	62.0

Liftcrane Luffing Jib Capacities

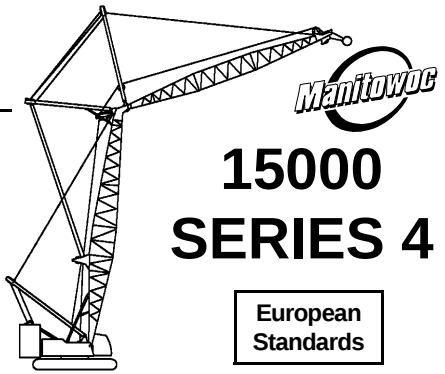
Luffing Jib No. 149A On Boom No. 57
107 680 kg Crane Counterweight
52 160 kg Carbody Counterweight
360 Degree Rating

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.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	
16.8	74.7	85.9	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	32 200*	67.1	83.4	33 900													26.0
28.0	60.3	81.1	25 700*	62.0	81.7	30 200*	64.5	82.5	31 500	66.9	83.0	30 400										28.0
30.0	57.5	79.9	23 800*	59.3	80.6	27 800*	61.9	81.4	29 300	64.4	82.1	28 200										30.0
32.0	54.7	78.5	22 000*	56.5	79.3	25 500*	59.1	80.3	27 400	61.7	81.1	26 300										32.0
34.0	51.7	77.0	20 300*	53.6	77.9	23 500*	56.4	79.0	25 600	59.0	79.9	24 600										34.0
36.0	48.6	75.3	18 700*	50.6	76.3	21 800*	53.5	77.6	23 800*	56.2	78.6	23 100	60.5	79.8	21 600							36.0
38.0	45.4	73.4	17 300*	47.5	74.5	20 200*	50.5	76.0	21 800*	53.3	77.2	21 700	57.7	78.6	20 300							38.0
40.0	42.0	71.3	16 100*	44.2	72.6	18 700*	47.3	74.2	20 100*	50.3	75.6	20 500	54.9	77.2	19 100							40.0
42.0	38.3	68.8	14 900*	40.7	70.3	17 300*	44.0	72.2	18 600*	47.1	73.8	19 300	52.0	75.7	18 000	56.4	76.9	16 800				42.0
44.0	34.3	66.1	13 900*	36.9	67.8	16 100*	40.5	70.0	17 300*	43.8	71.8	18 100	48.9	74.0	16 900	53.5	75.5	15 700				44.0
46.0	29.8	62.8	13 000*	32.7	64.9	15 000*	36.7	67.4	16 100*	40.3	69.5	17 000	45.7	72.2	15 900	50.5	73.9	14 700				46.0
48.0	24.6	58.8	12 300*	28.0	61.4	14 100*	32.5	64.5	15 000*	36.4	67.0	16 000	42.2	70.1	14 900	47.3	72.1	13 900	51.9	73.4	12 800	48.0
50.0	17.9	53.6	11 400*	22.4	57.0	12 800*	27.7	61.0	14 000*	32.2	64.0	14 900*	38.6	67.7	14 000	44.0	70.1	13 000	48.8	71.7	12 000	50.0
52.0				14.8	50.9	11 000*	22.1	56.6	13 100*	27.4	60.4	14 000*	34.6	64.9	13 300	40.5	67.9	12 300	45.6	69.8	11 300	52.0
54.0							14.3	50.3	11 200*	21.7	56.0	13 000*	30.2	61.7	12 500	36.7	65.4	11 600	42.1	67.7	10 700	54.0
56.0										13.8	49.5	11 500*	25.0	57.8	11 800	32.5	62.4	10 900	38.5	65.3	10 000	56.0
58.0													18.5	52.7	11 200	27.7	58.9	10 300	34.5	62.5	9 500	58.0
60.0																22.1	54.5	9 800	30.0	59.3	9 000	60.0
62.0																14.3	48.2	9 200	24.8	55.4	8 500	62.0
64.0																			18.3	50.2	8 000	64.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A On Boom No. 57
107 680 kg Crane Counterweight
52 160 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		

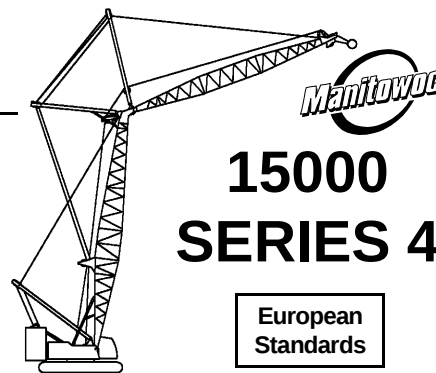
36.5m (120 Ft.) Boom, 51.8m (170 Ft.) Luffing Jib

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.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	
16.8	75.6	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	30 500*													26.0
28.0	62.2	84.6	24 800*	63.8	85.2	28 800*	66.1	85.8	30 300													28.0
30.0	59.7	83.4	23 000*	61.3	84.1	27 100*	63.7	84.9	29 000	66.0	85.5	27 700										30.0
32.0	57.0	82.2	21 400*	58.7	82.9	25 300*	61.1	83.8	26 900	63.5	84.5	25 900										32.0
34.0	54.4	80.8	19 900*	56.1	81.6	23 300*	58.6	82.6	25 200	61.0	83.4	24 200										34.0
36.0	51.6	79.3	18 500*	53.4	80.2	21 600*	55.9	81.3	23 500	58.4	82.2	22 700										36.0
38.0	48.7	77.6	17 100*	50.5	78.6	20 000*	53.2	79.9	21 600*	55.8	80.9	21 300	59.8	82.2	19 900							38.0
40.0	45.6	75.7	15 900*	47.6	76.8	18 500*	50.4	78.3	19 900*	53.0	79.5	20 100	57.2	80.9	18 700							40.0
42.0	42.4	73.6	14 800*	44.5	74.9	17 100*	47.4	76.5	18 400*	50.2	77.9	19 000	54.6	79.6	17 700							42.0
44.0	39.0	71.2	13 700*	41.2	72.7	15 900*	44.3	74.5	17 100*	47.2	76.1	17 900	51.8	78.0	16 700	55.9	79.2	15 500				44.0
46.0	35.3	68.6	12 900*	37.7	70.2	14 800*	41.0	72.3	15 800*	44.1	74.1	16 800	48.9	76.3	15 700	53.2	77.8	14 500				46.0
48.0	31.2	65.4	12 100*	33.9	67.4	13 800*	37.5	69.9	14 800*	40.8	71.9	15 800	45.9	74.5	14 700	50.4	76.2	13 600				48.0
50.0	26.6	61.8	11 400*	29.6	64.1	13 000*	33.7	67.0	13 800*	37.3	69.4	14 700*	42.7	72.4	13 900	47.4	74.4	12 800				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	13 700*	39.3	70.1	13 100	44.3	72.5	12 100	48.8	74.0	11 100	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	12 900*	35.6	67.4	12 300	41.0	70.3	11 400	45.8	72.1	10 500	54.0
56.0				9.0	46.5	8 600*	18.2	54.4	10 900*	24.1	59.1	12 000*	31.5	64.3	11 600	37.5	67.8	10 700	42.6	70.0	9 900	56.0
58.0										17.8	53.7	11 100*	27.0	60.7	11 000	33.7	64.9	10 100	39.2	67.7	9 300	58.0
60.0													21.5	56.2	10 400	29.4	61.6	9 600	35.5	65.0	8 700	60.0
62.0													14.0	49.7	9 800	24.4	57.6	9 100	31.4	61.9	8 300	62.0
64.0																18.2	52.3	8 600	26.8	58.3	7 800	64.0
66.0																			21.3	53.7	7 400	66.0
68.0																			13.7	47.2	6 900	68.0

Liftcrane Luffing Jib Capacities

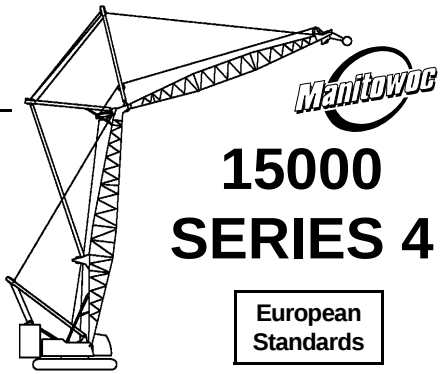
Luffing Jib No. 149A On Boom No. 57
107 680 kg Crane Counterweight
52 160 kg Carbody Counterweight
360 Degree Rating

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.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	
18.3	74.8	91.8	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	27 400*													28.0
30.0	61.5	87.0	22 200*	63.0	87.6	25 800*	65.2	88.3	27 300*													30.0
32.0	59.1	85.8	20 700*	60.6	86.5	24 300*	62.9	87.3	26 400	65.1	87.9	25 400										32.0
34.0	56.6	84.5	19 400*	58.2	85.3	22 800*	60.5	86.2	24 700	62.8	86.9	23 700										34.0
36.0	54.1	83.1	18 100*	55.7	83.9	21 300*	58.1	85.0	23 100	60.4	85.8	22 200										36.0
38.0	51.4	81.6	16 800*	53.1	82.5	19 700*	55.6	83.7	21 400*	57.9	84.6	20 900										38.0
40.0	48.7	79.9	15 700*	50.4	80.9	18 200*	53.0	82.2	19 600*	55.4	83.2	19 600	59.3	84.5	18 200							40.0
42.0	45.8	78.0	14 600*	47.7	79.1	16 900*	50.3	80.6	18 200*	52.8	81.8	18 500	56.8	83.2	17 200							42.0
44.0	42.8	75.9	13 600*	44.7	77.2	15 700*	47.5	78.8	16 800*	50.1	80.2	17 500	54.3	81.9	16 200							44.0
46.0	39.6	73.6	12 700*	41.7	75.0	14 600*	44.6	76.9	15 600*	47.3	78.4	16 600	51.6	80.3	15 300	55.6	81.6	14 200				46.0
48.0	36.2	71.0	11 900*	38.4	72.6	13 600*	41.5	74.7	14 500*	44.4	76.4	15 500	48.9	78.6	14 500	53.0	80.1	13 400				48.0
50.0	32.4	68.0	11 200*	34.9	69.9	12 700*	38.2	72.3	13 600*	41.3	74.2	14 500*	46.0	76.8	13 600	50.3	78.5	12 500				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	13 500*	43.0	74.7	12 800	47.5	76.7	11 800	51.5	78.0	10 800	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	12 600*	39.9	72.4	12 100	44.6	74.8	11 100	48.8	76.3	10 200	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	11 800*	36.4	69.8	11 400	41.5	72.6	10 500	46.0	74.4	9 600	56.0
58.0				14.4	52.1	8 600*	21.0	58.0	10 300*	26.1	62.0	11 000*	32.7	66.9	10 800	38.2	70.2	9 900	42.9	72.4	9 000	58.0
60.0							13.9	51.4	8 800*	20.7	57.3	10 300*	28.6	63.5	10 200	34.7	67.4	9 300	39.8	70.1	8 500	60.0
62.0										13.4	50.6	9 100*	23.8	59.3	9 600	30.8	64.3	8 800	36.3	67.5	8 000	62.0
64.0													17.8	53.9	9 100	26.3	60.5	8 300	32.6	64.5	7 500	64.0
66.0																21.0	55.9	7 900	28.4	61.0	7 100	66.0
68.0																13.9	49.4	7 400	23.6	56.9	6 700	68.0
70.0																			17.6	51.4	6 300	70.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A On Boom No. 57
107 680 kg Crane Counterweight
52 160 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		

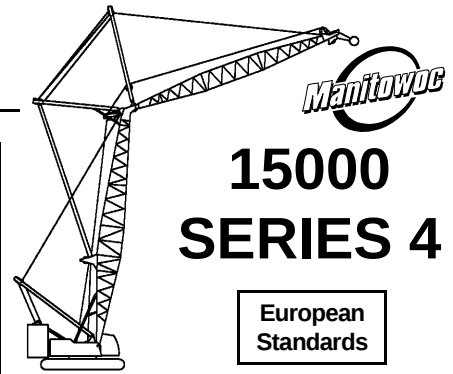
36.5m (120 Ft.) Boom, 57.9m (190 Ft.) Luffing Jib

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			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib 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	24 200*	66.5	91.2	25 000										32.0
34.0	58.6	88.2	18 900*	60.1	88.8	22 100*	62.2	89.7	24 000	64.3	90.3	23 400										34.0
36.0	56.2	86.9	17 700*	57.7	87.6	20 800*	59.9	88.6	22 900	62.1	89.3	21 900										36.0
38.0	53.8	85.4	16 600*	55.4	86.3	19 500*	57.6	87.3	21 400	59.8	88.2	20 600										38.0
40.0	51.3	83.9	15 500*	52.9	84.8	18 300*	55.2	86.0	19 700*	57.5	86.9	19 400	61.1	88.1	18 000							40.0
42.0	48.7	82.2	14 500*	50.4	83.2	16 900*	52.8	84.5	18 200*	55.1	85.6	18 300	58.8	86.9	16 900							42.0
44.0	46.0	80.3	13 500*	47.7	81.4	15 700*	50.2	82.9	16 800*	52.6	84.1	17 300	56.4	85.6	16 000							44.0
46.0	43.2	78.3	12 700*	45.0	79.5	14 500*	47.6	81.1	15 600*	50.1	82.5	16 300	54.0	84.2	15 100	57.6	85.2	13 900				46.0
48.0	40.2	76.0	11 900*	42.1	77.4	13 600*	44.8	79.2	14 500*	47.4	80.7	15 500	51.5	82.6	14 300	55.2	83.9	13 200				48.0
50.0	37.0	73.4	11 200*	39.0	75.0	12 600*	41.9	77.0	13 500*	44.7	78.7	14 400*	48.9	80.9	13 500	52.8	82.4	12 400				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	13 500*	46.2	79.1	12 700	50.2	80.8	11 700				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	12 500*	43.4	77.0	12 000	47.6	79.0	11 000	51.4	80.3	10 100	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	11 700*	40.4	74.8	11 300	44.8	77.1	10 400	48.8	78.6	9 500	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	11 000*	37.2	72.3	10 700	41.9	74.9	9 800	46.1	76.7	8 900	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	10 300*	33.8	69.4	10 100	38.9	72.6	9 200	43.3	74.7	8 400	60.0
62.0				9.1	47.6	6 800*	17.5	55.7	8 600*	23.0	60.6	9 600*	30.0	66.1	9 600	35.5	69.9	8 700	40.3	72.4	7 900	62.0
64.0							8.4	46.7	7 100*	17.1	55.0	8 800*	25.7	62.3	9 000	31.9	66.8	8 300	37.1	69.9	7 400	64.0
66.0													20.5	57.5	8 500	27.9	63.3	7 800	33.6	67.0	7 000	66.0
68.0													13.7	50.8	8 100	23.3	59.1	7 300	29.8	63.7	6 600	68.0
70.0																17.5	53.6	6 900	25.5	59.9	6 200	70.0
72.0																			20.4	55.0	5 900	72.0
74.0																			13.4	48.3	5 500	74.0

Liftcrane Luffing Jib Capacities

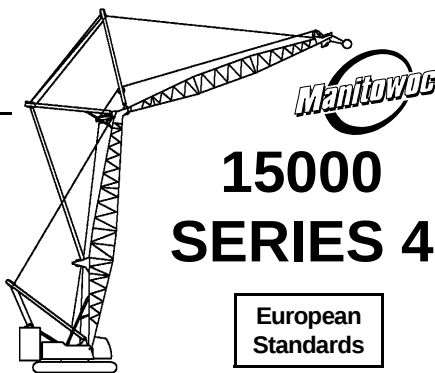
Luffing Jib No. 149A On Boom No. 57
107 680 kg Crane Counterweight
52 160 kg Carbody Counterweight
360 Degree Rating

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			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	
19.8	74.8	97.7	20 500*																			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	23 100*										32.0
34.0	60.3	91.7	18 200*	61.7	92.3	21 100*	63.7	93.1	21 600*	65.7	93.7	22 800										34.0
36.0	58.1	90.5	17 100*	59.5	91.2	20 000*	61.6	92.1	21 500*	63.6	92.7	21 400										36.0
38.0	55.9	89.2	16 100*	57.3	89.9	18 900*	59.4	90.9	21 000	61.5	91.7	20 100										38.0
40.0	53.6	87.7	15 100*	55.0	88.6	17 800*	57.2	89.7	19 500*	59.3	90.5	18 900										40.0
42.0	51.2	86.2	14 200*	52.7	87.1	16 700*	54.9	88.3	17 900*	57.1	89.3	17 900	60.5	90.4	16 500							42.0
44.0	48.7	84.5	13 300*	50.3	85.5	15 400*	52.6	86.8	16 500*	54.8	87.9	16 900	58.3	89.2	15 600							44.0
46.0	46.1	82.6	12 500*	47.8	83.7	14 300*	50.2	85.2	15 300*	52.5	86.4	15 900	56.1	87.9	14 700							46.0
48.0	43.5	80.6	11 700*	45.2	81.8	13 300*	47.7	83.4	14 200*	50.0	84.8	15 100	53.7	86.5	13 900							48.0
50.0	40.6	78.3	11 000*	42.5	79.7	12 400*	45.0	81.5	13 200*	47.5	83.0	14 200	51.4	84.9	13 200	54.9	86.2	12 100				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	13 200*	48.9	83.2	12 400	52.6	84.7	11 400				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	12 300*	46.3	81.4	11 700	50.2	83.1	10 800				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	11 500*	43.7	79.4	11 000	47.7	81.3	10 100	51.3	82.6	9 200	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	10 700*	40.9	77.1	10 400	45.0	79.4	9 500	48.8	80.9	8 600	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	10 000*	37.9	74.7	9 900	42.3	77.3	9 000	46.3	79.0	8 100	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	9 400*	34.7	71.9	9 300	39.4	74.9	8 500	43.6	77.0	7 600	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	8 800*	31.2	68.8	8 800	36.3	72.3	8 000	40.8	74.8	7 200	64.0
66.0							13.6	52.6	6 900*	19.9	58.7	8 200*	27.3	65.1	8 300	33.0	69.4	7 500	37.8	72.3	6 700	66.0
68.0										13.1	51.7	7 200*	22.8	60.8	7 900	29.3	66.0	7 100	34.6	69.5	6 400	68.0
70.0													17.1	55.2	7 500	25.2	62.1	6 700	31.0	66.4	6 000	70.0
72.0																20.2	57.2	6 300	27.1	62.7	5 600	72.0
74.0																13.6	50.5	5 900	22.6	58.3	5 300	74.0
76.0																			16.9	52.7	5 000	76.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A On Boom No. 57
107 680 kg Crane Counterweight
52 160 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

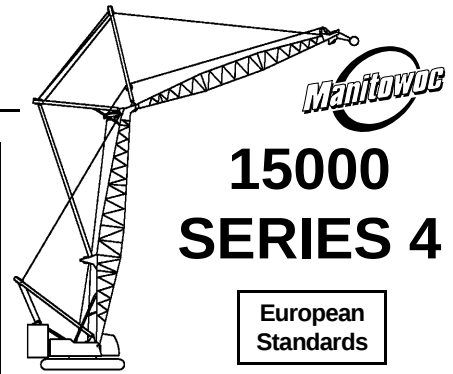
36.5m (120 Ft.) Boom, 64.0m (210 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	
19.8	75.6	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	20 800*							34.0
36.0	59.8	94.1	16 600*	61.1	94.7	19 100*	63.1	95.5	19 300*	64.9	96.1	20 700							36.0
38.0	57.7	92.8	15 600*	59.1	93.5	18 100*	61.0	94.4	19 200*	62.9	95.1	19 800							38.0
40.0	55.6	91.5	14 700*	56.9	92.3	17 200*	59.0	93.3	18 900*	60.9	94.1	18 600							40.0
42.0	53.4	90.1	13 900*	54.8	90.9	16 300*	56.8	92.0	17 700*	58.8	92.9	17 500	62.0	93.9	16 100				42.0
44.0	51.1	88.5	13 000*	52.5	89.4	15 200*	54.7	90.6	16 300*	56.7	91.6	16 500	60.0	92.8	15 200				44.0
46.0	48.7	86.8	12 300*	50.2	87.8	14 100*	52.4	89.1	15 100*	54.5	90.2	15 600	57.9	91.6	14 300				46.0
48.0	46.3	84.9	11 600*	47.9	86.0	13 100*	50.1	87.5	14 000*	52.3	88.7	14 800	55.7	90.2	13 500				48.0
50.0	43.7	82.9	10 900*	45.4	84.1	12 100*	47.7	85.7	13 000*	50.0	87.1	14 000	53.5	88.8	12 800				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	13 000*	51.3	87.2	12 100	54.7	88.5	11 100	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	12 100*	48.9	85.5	11 500	52.4	87.0	10 500	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	11 200*	46.5	83.7	10 900	50.1	85.4	9 900	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	10 500*	43.9	81.7	10 300	47.7	83.6	9 300	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	9 800*	41.3	79.5	9 700	45.2	81.7	8 800	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	9 200*	38.5	77.1	9 200	42.6	79.6	8 300	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	8 600*	35.5	74.4	8 600	39.9	77.3	7 800	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	8 000*	32.2	71.3	8 100	37.0	74.8	7 300	66.0
68.0				9.2	48.7	5 100*	16.9	56.9	6 600*	22.1	62.0	7 500*	28.6	67.9	7 700	33.9	71.9	6 900	68.0
70.0							8.6	47.8	5 400*	16.6	56.2	6 800*	24.6	63.8	7 300	30.5	68.7	6 500	70.0
72.0													19.8	58.8	6 900	26.7	65.0	6 100	72.0
74.0													13.4	52.0	6 500	22.4	60.5	5 800	74.0
76.0																16.9	54.8	5 400	76.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A On Boom No. 57
107 680 kg Crane Counterweight
52 160 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

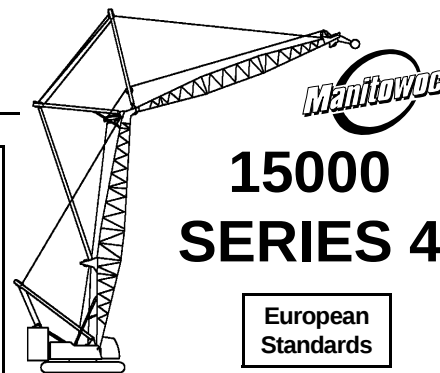
Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
21.3	74.9	103.6	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	18 600*							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	18 500*							38.0
40.0	57.3	95.2	14 200*	58.6	95.9	16 200*	60.5	96.8	17 000*	62.4	97.5	18 200							40.0
42.0	55.3	93.8	13 500*	56.6	94.6	15 300*	58.5	95.6	16 300*	60.4	96.4	17 100							42.0
44.0	53.2	92.4	12 700*	54.5	93.2	14 400*	56.5	94.3	15 400*	58.4	95.2	16 100	61.5	96.3	14 800				44.0
46.0	51.0	90.8	12 000*	52.4	91.7	13 500*	54.4	92.9	14 400*	56.4	93.9	15 200	59.5	95.1	13 900				46.0
48.0	48.7	89.1	11 400*	50.2	90.1	12 700*	52.3	91.4	13 600*	54.3	92.5	14 400	57.5	93.9	13 200				48.0
50.0	46.4	87.2	10 700*	47.9	88.3	11 900*	50.1	89.8	12 800*	52.1	91.0	13 600	55.4	92.6	12 400				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	12 700*	53.3	91.1	11 800	56.5	92.2	10 700	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	11 800*	51.2	89.5	11 100	54.4	90.8	10 100	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	11 000*	48.9	87.8	10 500	52.3	89.3	9 500	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	10 300*	46.6	86.0	10 000	50.1	87.7	9 000	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	9 600*	44.2	84.0	9 400	47.8	85.9	8 500	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	8 900*	41.7	81.8	8 900	45.4	84.0	8 000	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	8 300*	39.0	79.4	8 400	43.0	81.9	7 500	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	7 800*	36.2	76.8	7 900	40.4	79.7	7 100	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	7 200*	33.1	73.9	7 500	37.6	77.2	6 700	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	6 700*	29.8	70.6	7 000	34.7	74.4	6 300	70.0
72.0							13.3	53.7	5 200*	19.2	60.0	6 100*	26.1	66.8	6 600	31.6	71.3	5 900	72.0
74.0										12.9	52.8	5 400*	21.9	62.2	6 300	28.1	67.8	5 600	74.0
76.0													16.6	56.4	5 900	24.2	63.6	5 200	76.0
78.0																19.5	58.5	4 900	78.0
80.0																13.3	51.6	4 500	80.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A On Boom No. 57
107 680 kg Crane Counterweight
52 160 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



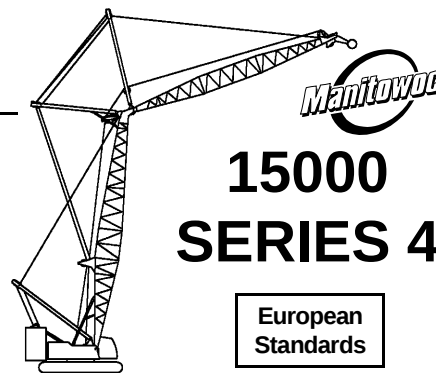
36.5m (120 Ft.) Boom, 70.1m (230 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			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	75.6	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	17 600*				38.0
40.0	58.9	98.8	13 500*	60.1	99.4	15 600*	61.9	100.3	16 200*	63.7	100.9	17 400				40.0
42.0	57.0	97.5	12 800*	58.2	98.2	14 800*	60.0	99.2	16 000*	61.8	99.9	16 800				42.0
44.0	55.0	96.1	12 100*	56.3	96.9	14 200*	58.1	97.9	15 800*	59.9	98.8	15 800				44.0
46.0	53.0	94.7	11 500*	54.3	95.5	13 500*	56.2	96.7	14 600*	58.0	97.6	14 900	61.0	98.7	13 700	46.0
48.0	50.9	93.1	10 900*	52.2	94.0	12 600*	54.2	95.2	13 500*	56.1	96.2	14 100	59.1	97.5	12 900	48.0
50.0	48.8	91.4	10 300*	50.1	92.4	11 700*	52.1	93.7	12 600*	54.1	94.8	13 300	57.1	96.2	12 200	50.0
52.0	46.5	89.5	9 700*	48.0	90.6	10 900*	50.0	92.1	11 700*	52.0	93.3	12 500*	55.2	94.9	11 500	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	11 600*	53.1	93.4	10 900	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	10 800*	51.1	91.8	10 300	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	10 000*	48.9	90.1	9 700	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	9 300*	46.7	88.3	9 200	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	8 700*	44.4	86.3	8 700	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	8 100*	42.0	84.2	8 300	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	7 600*	39.5	81.8	7 800	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	7 000*	36.8	79.2	7 300	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	6 600*	34.0	76.4	6 900	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	6 100*	30.9	73.2	6 500	72.0
74.0				9.3	49.8	3 600*	16.4	58.1	4 900*	21.3	63.4	5 700*	27.5	69.6	6 100	74.0
76.0							8.8	48.9	3 800*	16.1	57.4	5 100*	23.7	65.3	5 800	76.0
78.0													19.1	60.2	5 400	78.0
80.0													13.1	53.1	5 000	80.0

Liftcrane Luffing Jib Capacities

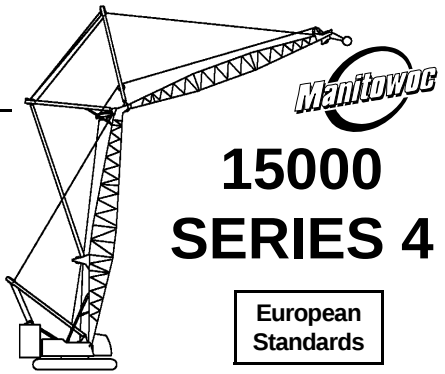
Luffing Jib No. 149A On Boom No. 57
107 680 kg Crane Counterweight
52 160 kg Carbody Counterweight
360 Degree Rating

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			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	
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	15 700*				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	15 600*				42.0
44.0	56.7	99.8	11 700*	57.9	100.6	13 600*	59.6	101.5	14 300*	61.3	102.3	15 300				44.0
46.0	54.8	98.5	11 100*	56.0	99.3	13 000*	57.8	100.3	14 100*	59.5	101.1	14 500	62.3	102.1	13 300	46.0
48.0	52.8	97.0	10 600*	54.1	97.8	12 300*	55.9	99.0	13 300*	57.7	99.9	13 700	60.5	101.0	12 500	48.0
50.0	50.8	95.4	10 000*	52.1	96.3	11 400*	54.0	97.6	12 300*	55.8	98.6	12 900	58.7	99.8	11 800	50.0
52.0	48.8	93.7	9 500*	50.1	94.7	10 600*	52.0	96.0	11 300*	53.9	97.2	12 200*	56.8	98.6	11 100	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	11 300*	54.9	97.2	10 500	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	10 500*	53.0	95.7	9 900	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	9 800*	51.0	94.1	9 400	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	9 100*	48.9	92.4	8 900	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	8 400*	46.8	90.6	8 400	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	7 800*	44.6	88.6	7 900	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	7 300*	42.3	86.5	7 500	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	6 800*	39.9	84.2	7 100	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	6 300*	37.4	81.7	6 700	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	5 900*	34.7	78.9	6 300	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*	31.8	75.8	5 900	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*	28.7	72.3	5 600	76.0
78.0							13.1	54.8	3 700*	18.6	61.2	4 600*	25.2	68.3	5 200	78.0
80.0										12.7	53.9	3 900*	21.1	63.6	4 900	80.0
82.0													16.2	57.6	4 500*	82.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A On Boom No. 57
107 680 kg Crane Counterweight
52 160 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	60 400*b																16.0
18.0	48.6	57.7	48 600*	53.4	58.7	53 400*	60.1	59.9	55 900b													18.0
20.0	40.8	55.6	43 700*	46.3	57.0	47 000*	53.6	58.5	50 400	60.2	59.6	48 700b										20.0
22.0	31.4	52.7	38 900*	38.1	54.7	41 900*	46.5	56.8	45 800	53.7	58.2	44 200b										22.0
24.0	18.0	48.2	32 600*	27.9	51.5	37 800*	38.3	54.5	41 700*	46.6	56.5	40 600	58.2	58.4	38 300b							24.0
26.0							28.2	51.3	37 800*	38.5	54.2	37 500	51.5	56.9	35 200							26.0
28.0										28.5	51.1	34 500	44.1	55.0	32 600	55.8	56.8	30 700b				28.0
30.0													35.5	52.5	29 900	48.9	55.2	28 200				30.0
32.0													24.4	48.9	27 500	41.2	53.1	25 900	53.0	54.8	24 400	32.0
34.0																31.9	50.3	24 000	45.8	53.0	22 600	34.0
36.0																18.8	45.9	22 200	37.5	50.7	21 000	36.0
38.0																			27.2	47.4	19 500	38.0

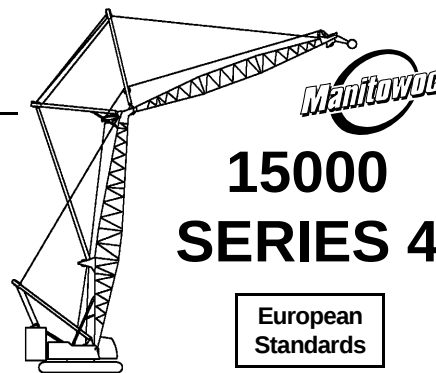
39.5m (130 Ft.) Boom, 24.4m (80 Ft.) Luffing Jib

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	59 000*b																16.0
18.0	54.7	61.6	48 900*	58.6	62.5	53 100*	64.2	63.4	54 800b													18.0
20.0	48.6	60.0	43 300*	52.9	61.0	46 900*	58.8	62.2	49 400	64.3	63.0	47 700b										20.0
22.0	41.9	57.9	38 800*	46.6	59.3	41 800*	53.0	60.8	45 000	58.9	61.9	43 400										22.0
24.0	34.1	55.3	34 900*	39.6	57.1	37 600*	46.8	59.1	41 300	53.1	60.5	39 800										24.0
26.0	24.1	51.5	31 500*	31.3	54.2	34 100*	39.8	56.9	37 600*	46.9	58.8	36 700	57.1	60.7	34 500							26.0
28.0				20.1	49.8	30 400*	31.6	54.0	34 400*	40.0	56.6	34 000	51.2	59.2	32 000							28.0
30.0							20.5	49.8	31 000*	31.8	53.8	31 400	44.8	57.3	29 600	55.0	59.1	27 900				30.0
32.0										20.8	49.5	28 800	37.5	55.0	27 300	48.9	57.5	25 700				32.0
34.0																42.2	55.5	23 700				34.0
36.0													15.6	46.6	23 400	34.5	52.8	22 000	46.2	55.3	20 700	36.0
38.0																24.7	49.2	20 500	39.1	53.1	19 300	38.0
40.0																			30.7	50.1	18 000	40.0
42.0																			19.2	45.6	16 800	42.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A On Boom No. 57
107 680 kg Crane Counterweight
52 160 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.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
13.7	69.2	67.4	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	57 400*b																16.0
18.0	59.1	65.3	48 500*	62.5	66.0	52 600*	67.2	66.7	53 900b													18.0
20.0	54.1	63.9	42 900*	57.6	64.8	46 700*	62.6	65.8	48 600	67.3	66.4	47 000b										20.0
22.0	48.7	62.3	38 600*	52.4	63.3	41 600*	57.7	64.6	44 300	62.7	65.4	42 700										22.0
24.0	42.7	60.3	34 700*	46.9	61.6	37 400*	52.6	63.2	40 600	57.8	64.3	39 100										24.0
26.0	36.0	57.7	31 500*	40.8	59.5	34 000*	47.0	61.4	37 500	52.7	62.8	36 100	61.1	64.3	33 900							26.0
28.0	28.0	54.5	28 700*	33.7	56.7	31 000*	40.9	59.3	34 200*	47.2	61.1	33 400	56.2	63.0	31 400							28.0
30.0	16.5	49.3	24 900*	25.0	53.0	28 500*	33.9	56.6	31 500*	41.1	59.0	31 100	50.9	61.5	29 200							30.0
32.0				10.6	46.5	23 300*	25.2	52.9	29 100*	34.1	56.3	28 800	45.3	59.7	27 100	54.3	61.4	25 500				32.0
34.0										25.4	52.7	26 600	38.9	57.4	25 100	48.9	59.8	23 600				34.0
36.0													31.5	54.5	23 300	43.0	57.8	21 900				36.0
38.0													22.0	50.3	21 700	36.4	55.3	20 400	46.5	57.6	19 100	38.0
40.0																28.4	52.0	19 000	40.3	55.5	17 800	40.0
42.0																17.2	47.1	17 800	33.2	52.7	16 700	42.0
44.0																			24.3	48.9	15 600	44.0

39.5m (130 Ft.) Boom, 30.5m (100 Ft.) Luffing Jib

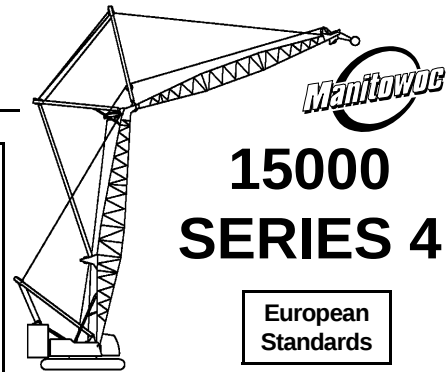
Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
13.7	71.3	70.7	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	55 500*b																16.0
18.0	62.5	68.8	47 900*	65.4	69.4	51 100*																18.0
20.0	58.2	67.6	42 700*	61.2	68.3	46 400*	65.5	69.2	47 700													20.0
22.0	53.6	66.2	38 200*	56.8	67.1	41 300*	61.3	68.2	43 400	65.6	68.9	41 900										22.0
24.0	48.7	64.6	34 400*	52.1	65.6	37 200*	56.9	66.9	39 800	61.4	67.8	38 400										24.0
26.0	43.4	62.6	30 900*	47.1	63.9	33 700*	52.2	65.4	36 700	57.0	66.6	35 400										26.0
28.0	37.5	60.2	27 900*	41.7	61.8	30 800*	47.2	63.7	34 000	52.3	65.1	32 800	60.0	66.7	30 800							28.0
30.0	30.7	57.2	25 400*	35.5	59.2	28 200*	41.8	61.6	31 200*	47.3	63.4	30 500	55.5	65.3	28 600							30.0
32.0	22.0	53.0	23 600*	28.2	55.9	26 000*	35.7	59.1	28 800*	41.9	61.3	28 500	50.7	63.8	26 700							32.0
34.0				18.5	51.1	23 100*	28.5	55.8	26 700*	35.8	58.8	26 400	45.6	62.0	24 900	53.8	63.7	23 300				34.0
36.0							18.8	51.0	23 900*	28.6	55.5	24 500	40.0	59.8	23 000	48.9	62.1	21 600				36.0
38.0										19.0	50.8	22 800	33.7	57.0	21 500	43.7	60.1	20 100				38.0
40.0													25.9	53.4	20 000	37.8	57.7	18 800	46.8	59.9	17 500	40.0
42.0													14.6	47.8	18 700	31.0	54.7	17 500	41.3	57.8	16 400	42.0
44.0																22.4	50.6	16 400	35.1	55.2	15 300	44.0
46.0																			27.7	51.8	14 400	46.0
48.0																			17.7	46.9	13 500	48.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A On Boom No. 57
107 680 kg Crane Counterweight
52 160 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



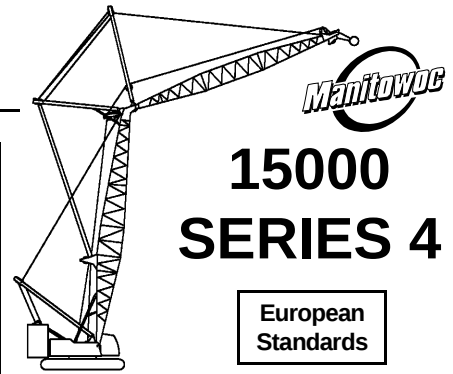
39.5m (130 Ft.) Boom, 33.5m (110 Ft.) Luffing Jib

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.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	
13.7	73.1	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	49 700*																18.0
20.0	61.4	71.2	41 400*	64.0	71.8	45 900*	67.9	72.5	47 100													20.0
22.0	57.4	69.9	37 300*	60.1	70.7	41 300*	64.1	71.6	42 900													22.0
24.0	53.2	68.5	33 600*	56.1	69.4	37 100*	60.2	70.5	39 300	64.2	71.3	38 000										24.0
26.0	48.7	66.9	30 300*	51.8	67.9	33 600*	56.2	69.2	36 300	60.3	70.2	34 900										26.0
28.0	43.9	64.9	27 300*	47.3	66.2	30 700*	51.9	67.8	33 700	56.3	68.9	32 400										28.0
30.0	38.7	62.6	24 800*	42.4	64.1	28 200*	47.4	66.0	31 200*	52.0	67.4	30 200	59.0	69.0	28 300							30.0
32.0	32.7	59.7	22 700*	36.9	61.7	26 000*	42.5	64.0	28 700*	47.5	65.7	28 200	54.9	67.7	26 400							32.0
34.0	25.6	56.0	21 000*	30.7	58.6	24 100*	37.1	61.5	26 600*	42.6	63.7	26 400	50.6	66.1	24 700							34.0
36.0	15.5	50.5	19 000*	22.9	54.5	22 000*	30.9	58.5	24 800*	37.2	61.2	24 500	46.0	64.3	23 000	53.4	66.0	21 500				36.0
38.0				10.5	47.6	18 200*	23.2	54.4	22 800*	31.0	58.2	22 800	40.9	62.1	21 400	48.9	64.4	20 000				38.0
40.0										23.3	54.2	21 300	35.3	59.5	20 000	44.2	62.4	18 700	51.5	64.0	17 400	40.0
42.0													28.7	56.2	18 700	38.9	60.1	17 500	47.0	62.2	16 300	42.0
44.0													20.3	51.7	17 600	33.0	57.3	16 400	42.0	60.2	15 300	44.0
46.0																25.9	53.7	15 400	36.6	57.7	14 300	46.0
48.0																16.1	48.3	14 500	30.2	54.5	13 500	48.0
50.0																			22.3	50.4	12 700	50.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A On Boom No. 57
107 680 kg Crane Counterweight
52 160 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

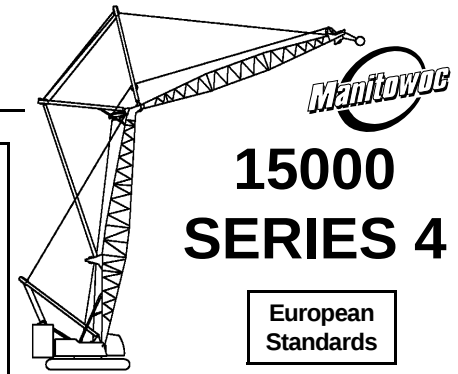
Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	
13.7	74.5	77.1	43 400*																			13.7
14.0	74.1	77.0	43 300*																			14.0
16.0	70.8	76.3	42 300*																			16.0
18.0	67.4	75.6	41 200*	69.7	76.0	48 100*																18.0
20.0	64.0	74.6	39 800*	66.3	75.2	44 700*	69.8	75.8	46 300													20.0
22.0	60.4	73.5	36 000*	62.9	74.2	41 100*	66.4	75.0	42 100													22.0
24.0	56.7	72.3	32 700*	59.3	73.1	36 800*	63.0	74.0	38 600													24.0
26.0	52.8	70.8	29 600*	55.5	71.8	33 400*	59.4	72.9	35 600	63.0	73.7	34 300										26.0
28.0	48.8	69.2	26 800*	51.6	70.2	30 400*	55.6	71.6	33 000	59.4	72.6	31 700										28.0
30.0	44.4	67.2	24 400*	47.4	68.5	27 900*	51.7	70.1	30 700	55.7	71.2	29 600										30.0
32.0	39.7	65.0	22 200*	43.0	66.5	25 700*	47.5	68.3	28 400*	51.8	69.7	27 600	58.2	71.3	25 800							32.0
34.0	34.4	62.2	20 400*	38.1	64.1	23 800*	43.1	66.3	26 300*	47.6	68.0	25 900	54.4	70.0	24 200							34.0
36.0	28.2	58.9	18 900*	32.6	61.2	22 000*	38.2	63.9	24 500*	43.2	66.0	24 200	50.5	68.4	22 700							36.0
38.0	20.4	54.3	17 800*	26.0	57.5	20 300*	32.7	61.0	22 800*	38.3	63.6	22 600	46.2	66.6	21 200	53.0	68.3	19 700				38.0
40.0				17.3	52.3	18 000*	26.2	57.4	21 000*	32.8	60.8	21 100	41.7	64.5	19 700	48.9	66.7	18 400				40.0
42.0							17.6	52.3	18 600*	26.4	57.2	19 800	36.6	62.0	18 500	44.6	64.8	17 200				42.0
44.0										17.8	52.1	18 600	30.9	58.9	17 300	39.9	62.5	16 200	47.2	64.5	15 000	44.0
46.0													23.9	54.9	16 300	34.6	59.8	15 100	42.7	62.5	14 000	46.0
48.0													14.0	48.9	15 300	28.5	56.5	14 300	37.7	60.1	13 200	48.0
50.0																20.8	52.0	13 400	32.2	57.1	12 400	50.0
52.0																			25.6	53.4	11 700	52.0
54.0																			16.6	48.1	11 000	54.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A On Boom No. 57
107 680 kg Crane Counterweight
52 160 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



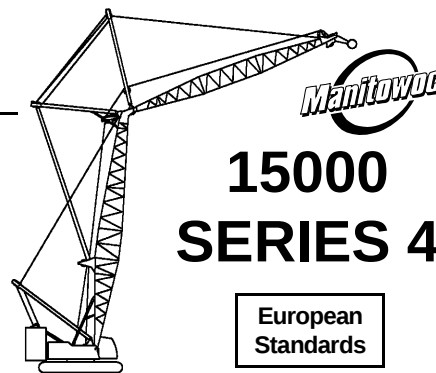
39.5m (130 Ft.) Boom, 39.6m (130 Ft.) Luffing Jib

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.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	
13.7	75.8	80.2	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	43 500*																20.0
22.0	62.9	77.0	34 800*	65.1	77.6	40 400*	68.4	78.3	41 500													22.0
24.0	59.6	75.9	31 700*	61.9	76.6	36 700*	65.2	77.4	38 000													24.0
26.0	56.1	74.6	28 900*	58.5	75.4	33 100*	61.9	76.4	35 100	65.3	77.1	33 700										26.0
28.0	52.5	73.1	26 300*	55.0	74.1	30 200*	58.6	75.2	32 500	62.0	76.1	31 300										28.0
30.0	48.8	71.5	24 000*	51.4	72.6	27 700*	55.1	73.9	30 200	58.7	74.9	29 100										30.0
32.0	44.8	69.6	21 900*	47.5	70.8	25 500*	51.5	72.4	28 200	55.2	73.6	27 100	60.9	74.9	25 300							32.0
34.0	40.4	67.3	20 000*	43.5	68.8	23 600*	47.7	70.6	26 100*	51.6	72.1	25 400	57.6	73.7	23 700							34.0
36.0	35.7	64.7	18 500*	39.0	66.5	21 800*	43.6	68.6	24 300*	47.7	70.3	23 900	54.0	72.3	22 200							36.0
38.0	30.3	61.6	17 100*	34.1	63.7	20 000*	39.1	66.3	22 600*	43.7	68.3	22 400	50.3	70.7	20 900							38.0
40.0	23.8	57.6	16 100*	28.4	60.3	18 500*	34.2	63.6	20 900*	39.2	66.0	21 000	46.4	68.9	19 600	52.7	70.7	18 200				40.0
42.0	14.8	51.7	14 800*	21.4	55.9	17 100*	28.6	60.2	19 400*	34.3	63.3	19 600	42.3	66.8	18 300	48.9	69.0	17 000				42.0
44.0				10.5	48.6	14 300*	21.6	55.8	17 700*	28.7	60.0	18 400	37.7	64.4	17 200	44.9	67.1	16 000				44.0
46.0										21.8	55.6	17 300	32.6	61.5	16 100	40.6	64.9	15 000	47.3	66.8	13 800	46.0
48.0													26.7	57.9	15 200	35.9	62.3	14 100	43.2	64.8	13 000	48.0
50.0													19.0	53.0	14 300	30.6	59.2	13 300	38.7	62.5	12 200	50.0
52.0																24.1	55.2	12 500	33.8	59.7	11 500	52.0
54.0																15.3	49.4	11 800	28.0	56.3	10 900	54.0
56.0																			20.9	51.7	10 300	56.0

Liftcrane Luffing Jib Capacities

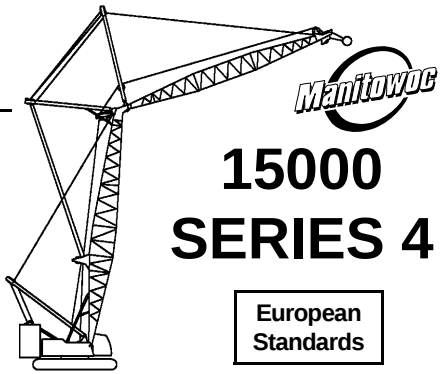
Luffing Jib No. 149A On Boom No. 57
107 680 kg Crane Counterweight
52 160 kg Carbody Counterweight
360 Degree Rating

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.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	
15.2	74.7	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	38 600*	70.0	81.6	39 600													22.0
24.0	62.0	79.4	30 700*	64.0	80.0	36 000*	67.1	80.7	37 500													24.0
26.0	58.8	78.2	28 100*	61.0	79.0	33 000*	64.1	79.8	34 400	67.1	80.4	33 100										26.0
28.0	55.6	76.9	25 800*	57.9	77.8	30 000*	61.1	78.8	31 900	64.2	79.5	30 600										28.0
30.0	52.3	75.4	23 600*	54.6	76.4	27 500*	57.9	77.6	29 700	61.1	78.4	28 500										30.0
32.0	48.8	73.8	21 600*	51.2	74.8	25 300*	54.7	76.2	27 700	58.0	77.2	26 600										32.0
34.0	45.1	71.9	19 900*	47.7	73.1	23 400*	51.3	74.7	25 900	54.8	75.9	24 900	60.1	77.3	23 200							34.0
36.0	41.1	69.7	18 300*	43.9	71.1	21 700*	47.8	72.9	24 100*	51.4	74.3	23 400	57.0	76.0	21 700							36.0
38.0	36.8	67.2	16 900*	39.8	68.8	20 000*	44.0	70.9	22 400*	47.8	72.6	22 000	53.7	74.6	20 400							38.0
40.0	32.0	64.2	15 700*	35.3	66.2	18 400*	39.9	68.7	20 800*	44.1	70.7	20 700	50.2	73.0	19 200	55.8	74.4	17 800				40.0
42.0	26.4	60.5	14 700*	30.3	63.0	17 100*	35.5	66.0	19 200*	40.0	68.4	19 400	46.6	71.2	18 100	52.4	72.9	16 800				42.0
44.0	19.3	55.6	14 000*	24.4	59.1	15 900*	30.5	62.9	17 900*	35.6	65.8	18 200	42.8	69.2	16 900	48.9	71.3	15 700				44.0
46.0				16.5	53.5	14 200*	24.5	59.0	16 600*	30.6	62.6	17 100	38.6	66.8	15 900	45.2	69.4	14 700	51.0	70.9	13 500	46.0
48.0							16.7	53.5	14 700*	24.7	58.7	16 100	34.0	64.0	15 000	41.3	67.2	13 800	47.4	69.1	12 700	48.0
50.0										16.9	53.3	15 000	28.8	60.7	14 100	37.0	64.7	13 000	43.6	67.1	11 900	50.0
52.0													22.4	56.4	13 300	32.2	61.8	12 300	39.5	64.8	11 200	52.0
54.0													13.5	50.0	12 500	26.6	58.1	11 600	35.0	62.2	10 600	54.0
56.0																19.6	53.3	10 900	30.0	59.0	10 000	56.0
58.0																			23.9	54.9	9 500	58.0
60.0																			15.8	49.2	8 900	60.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A On Boom No. 57
107 680 kg Crane Counterweight
52 160 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		

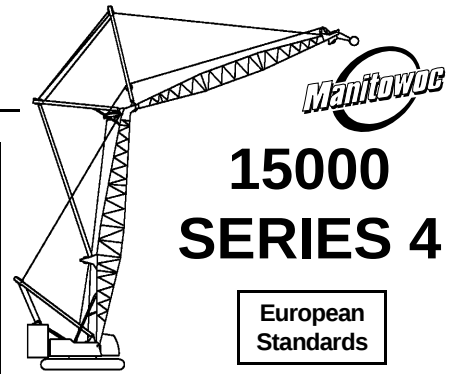
39.5m (130 Ft.) Boom, 45.7m (150 Ft.) Luffing Jib

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

Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A On Boom No. 57
107 680 kg Crane Counterweight
52 160 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

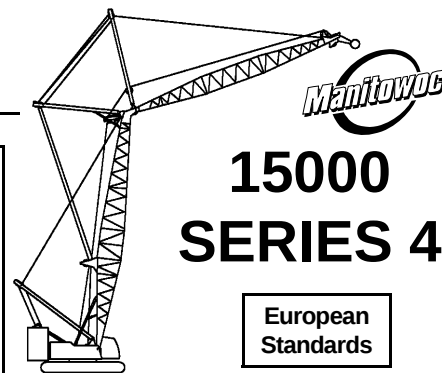
Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	
16.8	74.8	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	32 300													26.0
28.0	60.4	84.2	24 200*	62.3	84.8	28 500*	65.0	85.6	31 000													28.0
30.0	57.7	82.9	22 400*	59.6	83.7	26 600*	62.3	84.6	28 700	65.0	85.3	27 600										30.0
32.0	54.8	81.6	20 800*	56.8	82.4	24 700*	59.6	83.5	26 900	62.4	84.3	25 700										32.0
34.0	51.9	80.1	19 200*	53.9	81.0	22 800*	56.9	82.2	25 100	59.7	83.2	24 100										34.0
36.0	48.8	78.4	17 800*	50.9	79.4	21 200*	54.0	80.8	23 600	56.9	81.9	22 600	61.5	83.1	20 900							36.0
38.0	45.6	76.5	16 400*	47.8	77.7	19 600*	51.0	79.3	22 000*	54.1	80.5	21 200	58.8	82.0	19 700							38.0
40.0	42.2	74.4	15 200*	44.5	75.8	18 100*	47.9	77.5	20 400*	51.1	79.0	20 000	56.0	80.7	18 500							40.0
42.0	38.5	72.0	14 200*	41.0	73.6	16 800*	44.6	75.6	18 900*	48.0	77.2	18 900	53.1	79.2	17 500							42.0
44.0	34.5	69.2	13 200*	37.3	71.1	15 600*	41.1	73.4	17 500*	44.7	75.3	17 900	50.1	77.6	16 500	55.0	79.1	15 200				44.0
46.0	30.0	66.0	12 500*	33.2	68.2	14 500*	37.4	70.9	16 300*	41.2	73.1	16 800	46.9	75.8	15 600	52.0	77.6	14 300				46.0
48.0	24.9	62.1	11 800*	28.5	64.8	13 500*	33.3	68.0	15 200*	37.5	70.6	15 800	43.6	73.8	14 600	49.0	75.9	13 500				48.0
50.0	18.4	56.9	11 300*	23.0	60.5	12 800*	28.7	64.7	14 200*	33.4	67.8	14 900	40.0	71.5	13 800	45.7	74.0	12 700	50.7	75.5	11 600	50.0
52.0				15.8	54.7	11 300*	23.2	60.5	13 300*	28.8	64.4	14 100	36.2	68.9	13 000	42.3	71.9	11 900	47.6	73.7	10 900	52.0
54.0							16.0	54.7	11 700*	23.3	60.2	13 300	31.9	65.9	12 300	38.7	69.5	11 300	44.3	71.8	10 200	54.0
56.0										16.2	54.5	12 100*	27.1	62.3	11 600	34.7	66.8	10 600	40.8	69.6	9 600	56.0
58.0													21.3	57.8	10 900	30.3	63.6	10 000	37.0	67.1	9 100	58.0
60.0													13.1	51.1	10 400	25.1	59.7	9 500	32.9	64.2	8 600	60.0
62.0																18.7	54.6	8 900	28.2	60.7	8 100	62.0
64.0																8.2	46.0	8 400	22.6	56.4	7 600	64.0
66.0																			15.2	50.4	7 200	66.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A On Boom No. 57
107 680 kg Crane Counterweight
52 160 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



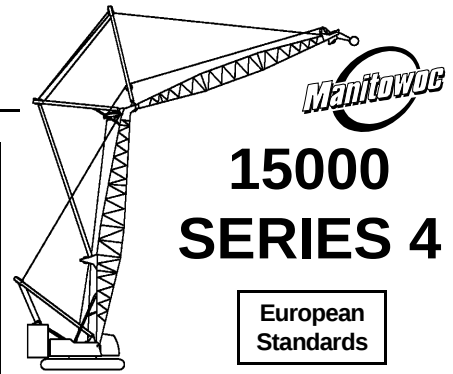
39.5m (130 Ft.) Boom, 51.8m (170 Ft.) Luffing Jib

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

Liftcrane Luffing Jib Capacities

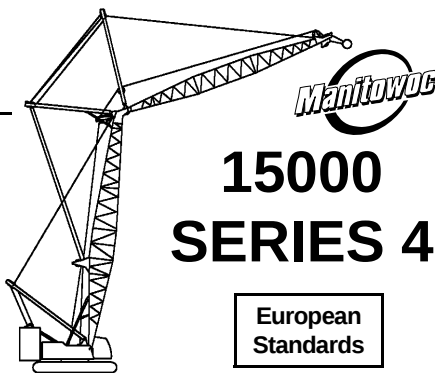
Luffing Jib No. 149A On Boom No. 57
107 680 kg Crane Counterweight
52 160 kg Carbody Counterweight
360 Degree Rating

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			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	
18.3	74.9	94.8	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	26 000*													28.0
30.0	61.6	90.0	21 100*	63.3	90.7	24 500*	65.6	91.4	26 000*													30.0
32.0	59.2	88.9	19 700*	60.9	89.6	23 100*	63.3	90.4	25 900	65.7	91.1	24 800										32.0
34.0	56.7	87.6	18 400*	58.5	88.4	21 800*	61.0	89.4	24 200	63.4	90.1	23 100										34.0
36.0	54.2	86.2	17 200*	56.0	87.1	20 300*	58.5	88.2	22 700	61.0	89.1	21 700										36.0
38.0	51.6	84.7	16 000*	53.4	85.6	19 000*	56.0	86.9	21 400	58.6	87.9	20 400										38.0
40.0	48.8	83.0	14 900*	50.7	84.1	17 700*	53.5	85.4	20 100	56.1	86.6	19 200	60.2	87.9	17 700							40.0
42.0	46.0	81.1	13 900*	48.0	82.3	16 600*	50.8	83.9	18 600*	53.5	85.1	18 100	57.8	86.7	16 700							42.0
44.0	43.0	79.0	13 000*	45.1	80.4	15 400*	48.0	82.1	17 200*	50.9	83.6	17 100	55.3	85.3	15 700							44.0
46.0	39.8	76.7	12 200*	42.0	78.2	14 400*	45.1	80.2	15 900*	48.1	81.8	16 200	52.7	83.8	14 800	56.9	85.1	13 600				46.0
48.0	36.4	74.2	11 400*	38.7	75.9	13 500*	42.1	78.1	14 800*	45.2	79.9	15 400	50.0	82.2	14 100	54.3	83.7	12 800				48.0
50.0	32.6	71.2	10 700*	35.2	73.2	12 600*	38.8	75.7	13 800*	42.1	77.8	14 500	47.2	80.4	13 300	51.7	82.2	12 100				50.0
52.0	28.5	67.7	10 200*	31.4	70.1	11 800*	35.3	73.0	12 900*	38.9	75.4	13 700	44.2	78.4	12 500	49.0	80.5	11 500				52.0
54.0	23.7	63.6	9 700*	27.1	66.4	11 200*	31.5	69.9	12 100*	35.4	72.7	12 900	41.1	76.2	11 800	46.1	78.6	10 800	50.6	80.1	9 700	54.0
56.0	17.6	58.2	9 000*	21.9	62.0	10 300*	27.2	66.3	11 300*	31.6	69.7	12 100*	37.8	73.8	11 200	43.1	76.6	10 100	47.8	78.3	9 100	56.0
58.0				15.2	55.9	8 900*	22.1	61.9	10 600*	27.3	66.1	11 300*	34.2	71.0	10 500	39.9	74.3	9 600	44.9	76.4	8 600	58.0
60.0							15.5	55.8	9 200*	22.2	61.6	10 600*	30.3	67.8	10 000	36.5	71.7	9 000	41.8	74.3	8 100	60.0
62.0										15.6	55.7	9 600*	25.7	63.9	9 400	32.8	68.8	8 500	38.5	71.9	7 600	62.0
64.0													20.3	59.1	8 900	28.7	65.3	8 000	35.0	69.1	7 200	64.0
66.0													12.8	52.2	8 400	23.9	61.2	7 600	31.1	66.0	6 800	66.0
68.0																17.9	55.9	7 100	26.8	62.3	6 400	68.0
70.0																8.5	47.1	6 700	21.6	57.8	6 000	70.0
72.0																			14.7	51.6	5 600	72.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A On Boom No. 57
107 680 kg Crane Counterweight
52 160 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 4

European
Standards

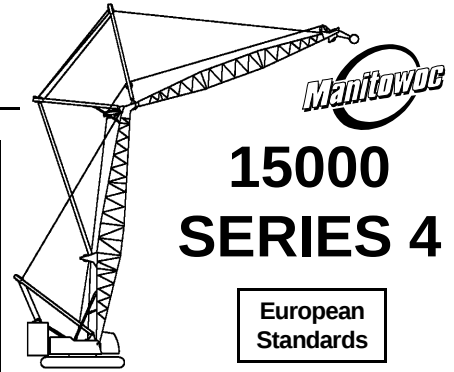
39.5m (130 Ft.) Boom, 57.9m (190 Ft.) Luffing Jib

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			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	
18.3	75.7	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	23 400*	67.0	94.4	24 400										32.0
34.0	58.7	91.2	17 900*	60.3	91.9	20 900*	62.6	92.8	23 300	64.9	93.5	22 800										34.0
36.0	56.4	89.9	16 700*	58.0	90.7	19 700*	60.4	91.7	22 500	62.7	92.5	21 400										36.0
38.0	53.9	88.5	15 700*	55.6	89.4	18 500*	58.0	90.5	21 100	60.4	91.4	20 100										38.0
40.0	51.4	87.0	14 600*	53.2	87.9	17 400*	55.7	89.2	19 900	58.1	90.2	18 900	61.9	91.4	17 400							40.0
42.0	48.8	85.3	13 700*	50.6	86.4	16 300*	53.2	87.8	18 500*	55.7	88.9	17 800	59.7	90.2	16 400							42.0
44.0	46.1	83.4	12 800*	48.0	84.6	15 200*	50.7	86.2	17 000*	53.3	87.4	16 900	57.3	89.0	15 500							44.0
46.0	43.3	81.4	12 000*	45.3	82.7	14 200*	48.1	84.4	15 800*	50.8	85.9	16 000	54.9	87.6	14 600							46.0
48.0	40.3	79.1	11 300*	42.4	80.6	13 400*	45.3	82.5	14 700*	48.1	84.1	15 100	52.5	86.1	13 800	56.5	87.4	12 600				48.0
50.0	37.1	76.6	10 600*	39.3	78.2	12 500*	42.5	80.4	13 700*	45.4	82.2	14 400	49.9	84.5	13 100	54.0	86.0	11 900				50.0
52.0	33.7	73.7	10 000*	36.1	75.6	11 700*	39.4	78.1	12 800*	42.5	80.1	13 600	47.3	82.7	12 400	51.5	84.5	11 300				52.0
54.0	29.9	70.4	9 500*	32.5	72.7	11 000*	36.2	75.5	11 900*	39.5	77.8	12 800*	44.5	80.8	11 700	49.0	82.8	10 700				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	12 000*	41.6	78.6	11 000	46.3	80.9	10 000				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	11 200*	38.5	76.2	10 400	43.4	78.9	9 500	50.5	82.4	9 000	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	10 500*	35.1	73.5	9 900	40.5	76.6	8 900	47.8	80.7	8 500	60.0
62.0				10.4	51.9	7 100*	18.7	59.8	8 900*	24.3	64.7	9 800*	31.5	70.4	9 300	37.3	74.1	8 400	45.1	78.7	8 000	62.0
64.0							10.7	52.0	7 500*	18.8	59.6	9 200*	27.4	66.8	8 800	33.8	71.3	7 900	42.2	76.6	7 500	64.0
66.0													22.7	62.4	8 400	30.1	68.0	7 500	39.1	74.2	7 100	66.0
68.0													16.7	56.7	7 900	25.8	64.2	7 100	35.9	71.6	6 700	68.0
70.0													6.4	46.6	7 500	20.7	59.4	6 700	28.3	65.1	5 900	70.0
72.0																13.9	52.8	6 300	23.8	61.0	5 600	72.0
74.0																			18.1	55.6	5 200	74.0
76.0																			9.6	47.3	4 900	76.0

Liftcrane Luffing Jib Capacities

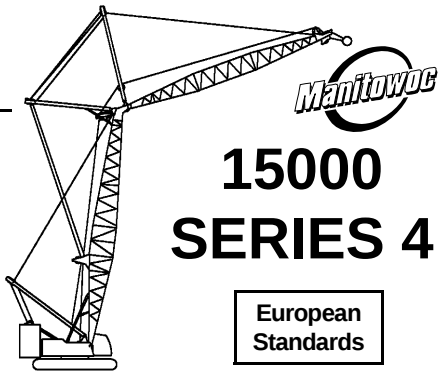
Luffing Jib No. 149A On Boom No. 57
107 680 kg Crane Counterweight
52 160 kg Carbody Counterweight
360 Degree Rating

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, 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	74.9	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	20 900*	66.2	96.9	22 100							34.0
36.0	58.3	93.6	16 200*	59.8	94.3	19 000*	62.0	95.2	20 800*	64.1	95.9	21 000							36.0
38.0	56.0	92.2	15 200*	57.6	93.1	17 900*	59.8	94.1	20 600	62.0	94.9	19 700							38.0
40.0	53.7	90.8	14 300*	55.3	91.7	16 900*	57.6	92.9	19 400	59.9	93.8	18 500							40.0
42.0	51.3	89.3	13 400*	53.0	90.3	15 900*	55.4	91.5	18 200	57.7	92.6	17 400	61.3	93.7	16 000				42.0
44.0	48.8	87.6	12 600*	50.6	88.7	14 900*	53.0	90.1	16 800*	55.4	91.2	16 500	59.2	92.6	15 000				44.0
46.0	46.3	85.7	11 800*	48.1	86.9	14 000*	50.6	88.5	15 600*	53.1	89.7	15 500	56.9	91.3	14 200				46.0
48.0	43.6	83.7	11 100*	45.5	85.0	13 200*	48.1	86.7	14 400*	50.7	88.2	14 700	54.7	89.9	13 400				48.0
50.0	40.8	81.5	10 400*	42.7	82.9	12 400*	45.5	84.8	13 400*	48.2	86.4	13 900	52.3	88.4	12 700	56.1	89.7	11 500	50.0
52.0	37.8	79.0	9 900*	39.9	80.6	11 600*	42.8	82.7	12 500*	45.6	84.5	13 300	49.9	86.8	12 000	53.8	88.3	10 900	52.0
54.0	34.6	76.2	9 300*	36.8	78.1	10 900*	40.0	80.4	11 700*	42.9	82.4	12 500	47.4	85.0	11 400	51.4	86.8	10 300	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	11 700*	44.7	83.1	10 800	49.0	85.1	9 700	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	10 900*	42.0	80.9	10 200	46.4	83.2	9 200	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	10 200*	39.0	78.6	9 600	43.7	81.2	8 700	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	9 500*	35.9	75.9	9 100	40.9	79.0	8 200	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	8 900*	32.6	72.9	8 600	37.9	76.5	7 700	64.0
66.0							15.0	57.0	7 200*	21.3	63.0	8 300*	28.8	69.5	8 100	34.7	73.8	7 200	66.0
68.0										15.2	56.8	7 600*	24.6	65.5	7 700	31.2	70.7	6 800	68.0
70.0													19.5	60.5	7 200	27.4	67.0	6 500	70.0
72.0													12.5	53.3	6 900	22.9	62.7	6 000	72.0
74.0																17.3	57.1	5 700	74.0
76.0																8.7	48.2	5 300	76.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A On Boom No. 57
107 680 kg Crane Counterweight
52 160 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		

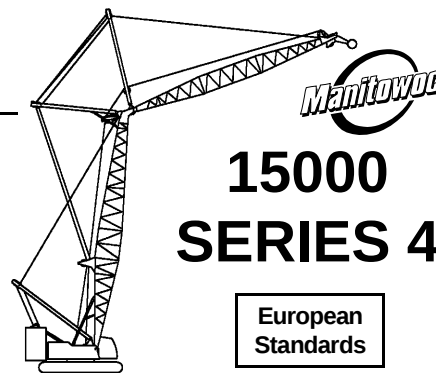
39.5m (130 Ft.) Boom, 64.0m (210 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
19.8	75.7	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	20 100*							34.0
36.0	59.9	97.1	15 600*	61.3	97.8	18 100*	63.4	98.7	18 800*	65.5	99.3	20 100*							36.0
38.0	57.8	95.9	14 700*	59.3	96.7	17 200*	61.4	97.6	18 600*	63.5	98.3	19 300							38.0
40.0	55.7	94.6	13 900*	57.2	95.4	16 300*	59.3	96.5	18 500*	61.4	97.3	18 100							40.0
42.0	53.5	93.1	13 100*	55.0	94.0	15 400*	57.2	95.2	17 900*	59.4	96.1	17 100							42.0
44.0	51.2	91.6	12 400*	52.8	92.6	14 600*	55.1	93.8	16 600*	57.3	94.9	16 100	60.8	96.1	14 700				44.0
46.0	48.9	89.9	11 600*	50.5	91.0	13 800*	52.8	92.4	15 300*	55.1	93.5	15 200	58.7	94.9	13 900				46.0
48.0	46.4	88.0	11 000*	48.1	89.2	13 000*	50.5	90.8	14 200*	52.9	92.1	14 400	56.6	93.7	13 100				48.0
50.0	43.9	86.0	10 300*	45.6	87.3	12 200*	48.2	89.0	13 200*	50.6	90.5	13 600	54.4	92.3	12 300				50.0
52.0	41.2	83.8	9 700*	43.1	85.2	11 400*	45.7	87.1	12 300*	48.2	88.7	12 900	52.1	90.7	11 700	55.8	92.1	10 600	52.0
54.0	38.4	81.4	9 200*	40.3	83.0	10 600*	43.1	85.1	11 400*	45.8	86.8	12 200	49.8	89.1	11 100	53.6	90.6	10 000	54.0
56.0	35.4	78.7	8 700*	37.5	80.5	9 900*	40.4	82.8	10 700*	43.2	84.8	11 500*	47.4	87.3	10 500	51.3	89.1	9 400	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	10 700*	44.9	85.4	10 000	49.0	87.4	8 900	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	10 000*	42.3	83.3	9 500	46.5	85.5	8 400	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	9 300*	39.6	80.9	8 900	44.0	83.5	8 000	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	8 700*	36.6	78.3	8 400	41.3	81.3	7 500	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	8 200*	33.5	75.5	8 000	38.5	78.9	7 100	66.0
68.0				10.4	53.0	5 300*	18.0	61.0	6 900*	23.3	66.2	7 600*	30.1	72.2	7 500	35.5	76.2	6 600	68.0
70.0							10.6	53.0	5 700*	18.2	60.8	7 100*	26.2	68.4	7 100	32.3	73.2	6 200	70.0
72.0													21.8	63.8	6 700	28.7	69.8	5 900	72.0
74.0													16.2	57.9	6 300	24.7	65.7	5 500	74.0
76.0													6.9	47.8	5 800	19.9	60.8	5 200	76.0
78.0																13.5	54.0	4 800	78.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A On Boom No. 57
107 680 kg Crane Counterweight
52 160 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

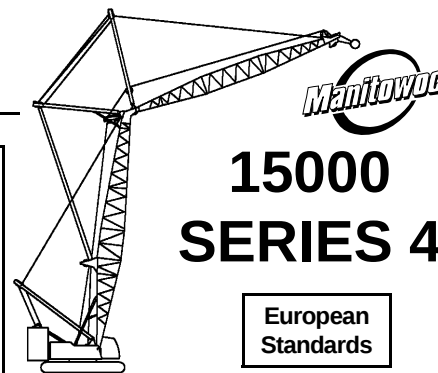
Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	
21.3	75.0	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	18 100*				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	18 000*				38.0
40.0	57.4	98.2	13 400*	58.8	99.0	15 700*	60.9	100.0	16 700*	62.9	100.7	17 700				40.0
42.0	55.4	96.9	12 700*	56.8	97.7	14 900*	58.9	98.8	16 300*	60.9	99.7	16 600				42.0
44.0	53.3	95.4	12 000*	54.7	96.4	14 100*	56.9	97.5	15 500*	58.9	98.5	15 700				44.0
46.0	51.1	93.9	11 300*	52.6	94.9	13 400*	54.8	96.2	14 600*	56.9	97.2	14 800	60.3	98.5	13 400	46.0
48.0	48.9	92.2	10 700*	50.4	93.3	12 700*	52.7	94.7	13 700*	54.8	95.8	14 000	58.3	97.3	12 700	48.0
50.0	46.5	90.3	10 100*	48.1	91.5	12 000*	50.5	93.1	12 900*	52.7	94.4	13 300	56.2	96.0	12 000	50.0
52.0	44.1	88.3	9 600*	45.8	89.6	11 200*	48.2	91.3	12 000*	50.5	92.8	12 500	54.2	94.6	11 300	52.0
54.0	41.6	86.2	9 000*	43.3	87.6	10 400*	45.9	89.4	11 200*	48.3	91.0	11 900	52.0	93.1	10 700	54.0
56.0	38.9	83.8	8 600*	40.8	85.3	9 700*	43.4	87.4	10 400*	45.9	89.2	11 200	49.8	91.4	10 100	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	10 400*	47.5	89.6	9 600	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	9 700*	45.1	87.7	9 100	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	9 100*	42.6	85.6	8 600	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	8 400*	40.0	83.3	8 200	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	7 900*	37.3	80.8	7 700	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	7 400*	34.3	78.0	7 300	68.0
70.0																70.0
72.0	8.3	51.2	4 100*	14.4	58.2	5 200*	20.4	64.6	6 100*	25.0	69.2	6 900*	31.2	74.8	6 900	72.0
74.0																74.0
76.0																76.0
78.0																78.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A On Boom No. 57
107 680 kg Crane Counterweight
52 160 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



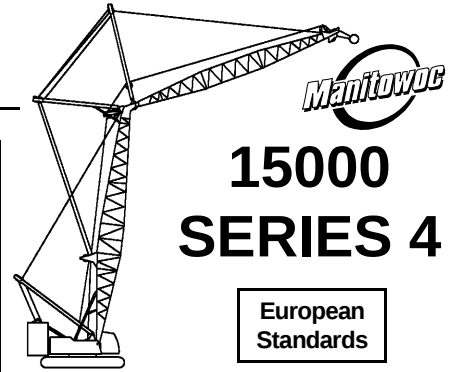
39.5m (130 Ft.) Boom, 70.1m (230 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
21.3	75.7	109.7	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	17 100*				38.0
40.0	59.0	101.8	12 800*	60.3	102.6	14 800*	62.3	103.5	15 800*	64.1	104.2	17 000				40.0
42.0	57.1	100.6	12 100*	58.4	101.4	14 100*	60.4	102.3	15 600*	62.3	103.1	16 400				42.0
44.0	55.1	99.2	11 500*	56.5	100.1	13 400*	58.5	101.2	15 500*	60.4	102.0	15 400				44.0
46.0	53.1	97.7	10 900*	54.5	98.7	12 800*	56.5	99.9	14 900*	58.5	100.8	14 500	61.7	102.0	13 100	46.0
48.0	51.0	96.2	10 300*	52.5	97.2	12 100*	54.5	98.5	13 700*	56.6	99.6	13 700	59.8	100.8	12 400	48.0
50.0	48.9	94.5	9 700*	50.3	95.6	11 500*	52.5	97.0	12 700*	54.6	98.2	13 000	57.9	99.6	11 700	50.0
52.0	46.6	92.6	9 200*	48.2	93.8	10 900*	50.4	95.4	11 800*	52.5	96.7	12 300	55.9	98.3	11 000	52.0
54.0	44.3	90.7	8 700*	45.9	91.9	10 200*	48.2	93.6	11 000*	50.5	95.1	11 600	53.9	96.9	10 400	54.0
56.0	41.9	88.5	8 300*	43.6	89.9	9 500*	46.0	91.8	10 200*	48.3	93.3	11 000	51.9	95.4	9 900	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	10 200*	49.8	93.7	9 400	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	9 500*	47.6	91.9	8 800	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	8 900*	45.3	90.0	8 400	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	8 300*	42.9	87.9	7 900	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	7 700*	40.5	85.7	7 500	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	7 200*	37.9	83.2	7 100	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	6 700*	35.1	80.4	6 700	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	6 200*	32.1	77.4	6 300	72.0
74.0				10.3	54.0	3 800*	17.5	62.3	5 200*	22.4	67.7	5 800*	28.9	73.9	6 000	74.0
76.0							10.6	54.1	4 100*	17.6	62.1	5 400*	25.2	70.0	5 600	76.0
78.0													21.0	65.2	5 300	78.0
80.0													15.7	59.1	4 900	80.0
82.0													7.3	48.9	4 300	82.0

Liftcrane Luffing Jib Capacities

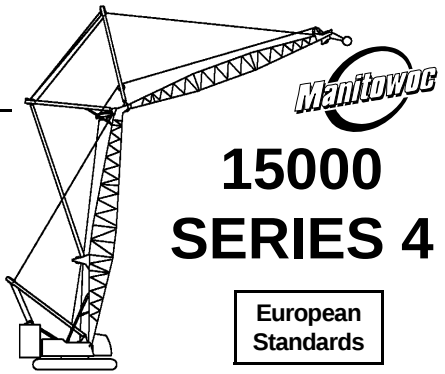
Luffing Jib No. 149A On Boom No. 57
107 680 kg Crane Counterweight
52 160 kg Carbody Counterweight
360 Degree Rating

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.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	
22.9	75.0	112.5	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	15 300*	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	15 200*	42.0
44.0	56.8	102.9	11 100*	58.1	103.7	12 900*	59.9	104.7	14 000*	61.8	105.5	14 900	44.0
46.0	54.9	101.5	10 500*	56.2	102.4	12 300*	58.1	103.5	13 900*	60.0	104.4	14 100	46.0
48.0	52.9	100.1	10 000*	54.3	101.0	11 800*	56.2	102.2	13 500*	58.1	103.2	13 300	48.0
50.0	50.9	98.5	9 500*	52.3	99.5	11 200*	54.3	100.8	12 400*	56.3	101.9	12 600	50.0
52.0	48.9	96.8	9 000*	50.3	97.9	10 600*	52.4	99.3	11 500*	54.4	100.5	11 900	52.0
54.0	46.7	94.9	8 600*	48.2	96.1	9 900*	50.3	97.7	10 700*	52.4	99.0	11 300	54.0
56.0	44.5	93.0	8 100*	46.1	94.2	9 200*	48.3	95.9	9 900*	50.4	97.4	10 700	56.0
58.0	42.3	90.8	7 700*	43.8	92.2	8 500*	46.1	94.1	9 200*	48.3	95.6	9 900*	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	9 200*	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	8 600*	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	8 000*	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	7 400*	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	6 900*	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	6 400*	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	6 000*	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	5 500*	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	5 200*	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 On Boom No. 57
107 680 kg Crane Counterweight
52 160 kg Carbody Counterweight
360 Degree Rating

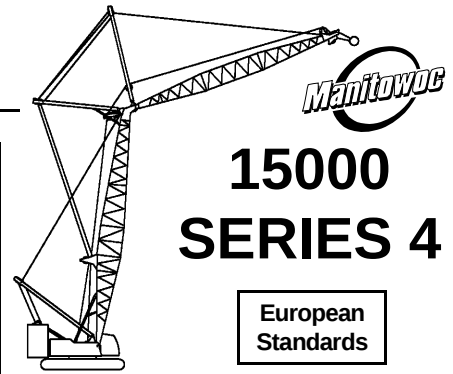
Maximum Operating Wind Speeds (all boom lengths)		
13 m/s with 21.3m thru 33.5m Luffing Jib		
11 m/s with 36.6m thru 42.7m Luffing Jib		
9 m/s with 45.7m thru 51.8m Luffing Jib		
7 m/s with 54.9m thru 67.1m Luffing Jib		
5 m/s with 70.1m and 73.2m Luffing Jib		

42.5m (139 Ft.) Boom, 21.3m (70 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	
13.7	63.0	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	60 100*b																16.0
18.0	49.0	60.8	48 600*	54.1	61.9	52 400*	61.2	63.1	54 700b													18.0
20.0	41.2	58.7	42 800*	47.0	60.2	46 100*	54.8	61.8	49 300b	61.8	62.8	47 600b										20.0
22.0	32.0	55.9	38 200*	39.0	58.0	41 200*	47.8	60.1	45 000	55.5	61.6	43 200b										22.0
24.0	19.0	51.5	31 900*	29.1	54.9	37 100*	39.9	58.0	41 000	48.5	60.0	39 700										24.0
26.0							30.3	55.0	37 200*	40.8	57.8	36 600	54.2	60.4	34 300b							26.0
28.0										31.4	55.0	33 900	47.1	58.7	31 700							28.0
30.0										17.9	50.4	31 300	39.1	56.5	29 400	52.5	58.9	27 600				30.0
32.0													29.2	53.4	27 100	45.3	57.1	25 400				32.0
34.0																36.9	54.7	23 500	50.4	56.9	22 000	34.0
36.0																26.3	51.3	21 800	42.9	55.0	20 400	36.0
38.0																			34.1	52.3	19 000	38.0
40.0																			22.3	48.4	17 700	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.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	
13.7	66.7	67.2	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	59 000*b																16.0
18.0	55.0	64.7	48 700*	59.2	65.6	52 400*	65.1	66.5	53 700b													18.0
20.0	49.0	63.1	42 700*	53.5	64.2	46 000*	59.8	65.4	48 400b	65.6	66.3	46 600b										20.0
22.0	42.3	61.0	38 100*	47.3	62.5	41 000*	54.1	64.1	44 100	60.3	65.2	42 400b										22.0
24.0	34.5	58.4	34 200*	40.4	60.3	36 900*	48.0	62.4	40 500	54.7	63.9	38 900										24.0
26.0	24.8	54.8	30 900*	32.3	57.5	33 500*	41.2	60.3	37 000*	48.6	62.2	35 900	59.2	64.1	33 600							26.0
28.0				21.5	53.4	29 900*	33.2	57.6	33 800*	41.9	60.2	33 300	53.5	62.7	31 100							28.0
30.0							22.9	53.7	31 100*	34.1	57.5	31 000	47.3	61.0	28 900							30.0
32.0										24.1	53.8	28 600	40.4	58.9	26 900	52.1	61.2	25 100				32.0
34.0													32.3	56.1	24 900	45.8	59.4	23 300				34.0
36.0													21.6	52.0	23 000	38.6	57.1	21 600				36.0
38.0																30.1	54.1	20 100				38.0
40.0																			43.7	57.3	18 700	40.0
42.0																			36.3	54.8	17 400	42.0
44.0																			27.1	51.5	16 300	44.0
																			12.5	45.6	15 200	



Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A On Boom No. 57
107 680 kg Crane Counterweight
52 160 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	

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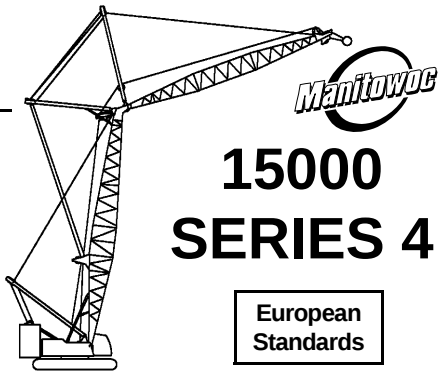
European
Standards

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.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	
13.7	69.4	70.5	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	57 400*b																16.0
18.0	59.4	68.3	48 200*	62.9	69.1	52 000*	68.1	69.9	52 800b													18.0
20.0	54.4	67.0	42 500*	58.1	67.9	45 800*	63.4	68.9	47 600b													20.0
22.0	49.0	65.4	37 900*	53.0	66.5	40 900*	58.6	67.8	43 400	63.9	68.7	41 800b										22.0
24.0	43.1	63.4	34 100*	47.5	64.8	36 800*	53.5	66.4	39 800	59.1	67.6	38 300										24.0
26.0	36.4	60.9	30 900*	41.4	62.7	33 400*	48.1	64.7	36 700	54.1	66.2	35 300										26.0
28.0	28.4	57.7	28 200*	34.5	60.0	30 500*	42.1	62.7	33 700*	48.6	64.6	32 700	58.1	66.4	30 600							28.0
30.0	17.3	52.7	24 500*	26.0	56.5	27 900*	35.3	60.1	30 900*	42.7	62.5	30 500	53.0	65.0	28 400							30.0
32.0				12.9	50.6	23 400*	27.0	56.7	28 600*	36.0	60.0	28 500	47.5	63.3	26 500	56.9	64.9	24 700				32.0
34.0										27.9	56.7	26 400	41.5	61.2	24 700	51.7	63.5	23 100				34.0
36.0										16.5	51.6	24 500	34.6	58.6	23 000	46.1	61.7	21 400				36.0
38.0													26.1	55.1	21 300	39.9	59.5	19 900				38.0
40.0																32.7	56.7	18 600	44.3	59.6	17 300	40.0
42.0																23.6	52.8	17 400	37.9	57.2	16 100	42.0
44.0																			30.3	54.2	15 100	44.0
46.0																			20.1	49.8	14 200	46.0

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.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	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	71.5	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	55 400*b																16.0
18.0	62.7	71.8	45 700*	65.9	72.5	51 300*																18.0
20.0	58.4	70.7	41 500*	61.6	71.5	45 500*	66.3	72.3	46 700													20.0
22.0	53.8	69.3	37 300*	57.2	70.2	40 600*	62.1	71.3	42 600													22.0
24.0	49.0	67.7	33 600*	52.6	68.8	36 500*	57.7	70.1	39 100	62.5	71.1	37 500										24.0
26.0	43.7	65.7	30 200*	47.6	67.1	33 100*	53.1	68.7	36 100	58.1	69.9	34 600										26.0
28.0	37.9	63.3	27 400*	42.2	65.0	30 200*	48.2	67.0	33 400	53.6	68.5	32 100	61.7	70.0	29 900							28.0
30.0	31.1	60.3	25 100*	36.2	62.5	27 700*	42.8	65.0	30 700*	48.7	66.8	29 900	57.3	68.8	27 800							30.0
32.0	22.5	56.2	23 400*	29.1	59.3	25 500*	36.9	62.6	28 300*	43.4	64.9	27 900	52.6	67.3	25 900							32.0
34.0				19.7	54.7	23 000*	29.9	59.4	26 200*	37.5	62.5	26 200	47.7	65.6	24 300	56.2	67.3	22 600				34.0
36.0							20.9	55.1	23 800*	30.7	59.4	24 300	42.3	63.6	22 700	51.5	65.8	21 100				36.0
38.0										21.9	55.2	22 600	36.2	61.1	21 100	46.4	64.0	19 600				38.0
40.0													29.1	57.8	19 700	40.9	61.8	18 300	50.0	63.8	16 900	40.0
42.0													19.8	53.3	18 400	34.7	59.2	17 200	44.8	61.9	15 800	42.0
44.0																27.2	55.7	16 100	39.1	59.6	14 800	44.0
46.0																			32.6	56.8	13 900	46.0
48.0																			24.5	53.0	13 100	48.0
50.0																			12.0	46.7	12 300	50.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A On Boom No. 57
107 680 kg Crane Counterweight
52 160 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		

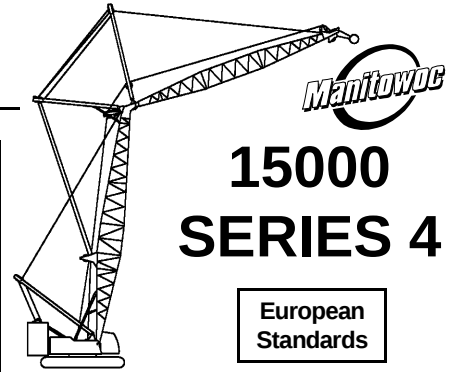
42.5m (139 Ft.) Boom, 33.5m (110 Ft.) Luffing Jib

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.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	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	73.3	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	52 500*b																16.0
18.0	65.4	75.3	42 100*	68.2	75.8	49 900*																18.0
20.0	61.6	74.2	39 900*	64.4	74.9	45 500*	68.6	75.7	46 100													20.0
22.0	57.6	73.0	36 100*	60.6	73.8	40 500*	64.8	74.8	42 000													22.0
24.0	53.4	71.6	32 600*	56.5	72.6	36 400*	61.0	73.7	38 600	65.2	74.5	37 100										24.0
26.0	49.0	70.0	29 500*	52.3	71.1	33 000*	56.9	72.5	35 600	61.4	73.4	34 200										26.0
28.0	44.2	68.0	26 800*	47.8	69.4	30 100*	52.7	71.0	33 000	57.3	72.2	31 700										28.0
30.0	39.0	65.7	24 300*	42.9	67.4	27 600*	48.3	69.3	30 600	53.2	70.8	29 500	60.6	72.4	27 500							30.0
32.0	33.1	62.9	22 400*	37.5	64.9	25 400*	43.4	67.3	28 200*	48.7	69.2	27 600	56.5	71.1	25 600							32.0
34.0	26.0	59.3	20 800*	31.4	62.0	23 600*	38.1	65.0	26 200*	43.9	67.2	25 800	52.3	69.6	24 000							34.0
36.0	16.2	53.9	18 800*	23.8	58.0	21 700*	32.1	62.1	24 300*	38.7	64.9	24 300	47.8	67.9	22 500	55.5	69.6	20 900				36.0
38.0				12.4	51.7	18 200*	24.7	58.2	22 700*	32.7	62.0	22 600	42.9	65.9	21 100	51.2	68.1	19 600				38.0
40.0										25.5	58.3	21 100	37.6	63.5	19 700	46.7	66.3	18 300				40.0
42.0										15.5	52.8	19 400	31.4	60.5	18 400	41.7	64.2	17 100	49.9	66.1	15 800	42.0
44.0													23.9	56.6	17 300	36.2	61.7	16 000	45.2	64.2	14 800	44.0
46.0																29.8	58.5	15 100	40.1	62.0	13 800	46.0
48.0																21.7	54.2	14 100	34.4	59.3	13 000	48.0
50.0																			27.6	55.9	12 300	50.0
52.0																			18.7	51.1	11 500	52.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A On Boom No. 57
107 680 kg Crane Counterweight
52 160 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, 36.6m (120 Ft.) Luffing Jib

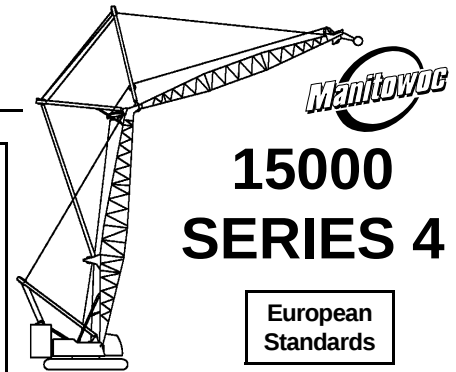
Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	
13.7	74.7	80.1	41 000*																			13.7
14.0	74.2	80.0	40 800*																			14.0
16.0	71.0	79.4	39 800*																			16.0
18.0	67.6	78.6	38 800*	70.1	79.1	47 200*																18.0
20.0	64.1	77.7	37 600*	66.7	78.3	44 400*	70.4	78.9	45 300													20.0
22.0	60.6	76.6	34 800*	63.2	77.3	40 300*	67.1	78.1	41 300													22.0
24.0	56.9	75.3	31 600*	59.6	76.2	36 100*	63.6	77.2	37 900													24.0
26.0	53.0	73.9	28 700*	55.9	74.9	32 700*	60.0	76.1	34 900	63.9	76.9	33 500										26.0
28.0	49.0	72.3	26 200*	52.0	73.4	29 800*	56.3	74.8	32 400	60.4	75.8	31 000										28.0
30.0	44.6	70.3	23 800*	47.9	71.7	27 400*	52.4	73.3	30 200	56.7	74.6	28 900										30.0
32.0	39.9	68.1	21 800*	43.4	69.7	25 200*	48.3	71.6	27 900*	52.8	73.1	27 000	59.7	74.7	25 000							32.0
34.0	34.7	65.4	20 100*	38.6	67.3	23 300*	43.9	69.7	25 900*	48.7	71.4	25 300	55.9	73.4	23 400							34.0
36.0	28.6	62.1	18 600*	33.2	64.5	21 600*	39.1	67.4	24 100*	44.4	69.5	23 800	52.0	71.9	22 000							36.0
38.0	20.9	57.6	17 600*	26.8	61.0	20 100*	33.8	64.6	22 400*	39.6	67.2	22 400	47.9	70.2	20 700	55.0	71.9	19 100				38.0
40.0				18.4	56.0	17 800*	27.5	61.1	20 900*	34.3	64.5	20 900	43.5	68.2	19 400	51.1	70.4	18 000				40.0
42.0							19.5	56.4	18 700*	28.2	61.2	19 600	38.6	65.9	18 200	46.9	68.6	16 800				42.0
44.0										20.4	56.6	18 400	33.2	63.1	17 100	42.4	66.5	15 700	49.8	68.4	14 500	44.0
46.0													26.8	59.5	16 000	37.4	64.1	14 800	45.6	66.6	13 600	46.0
48.0													18.5	54.6	15 100	31.8	61.1	13 900	40.9	64.4	12 700	48.0
50.0																25.1	57.3	13 100	35.8	61.8	12 000	50.0
52.0																			29.9	58.6	11 300	52.0
54.0																			22.7	54.5	10 600	54.0
56.0																			11.7	47.8	10 000	56.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A On Boom No. 57
107 680 kg Crane Counterweight
52 160 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



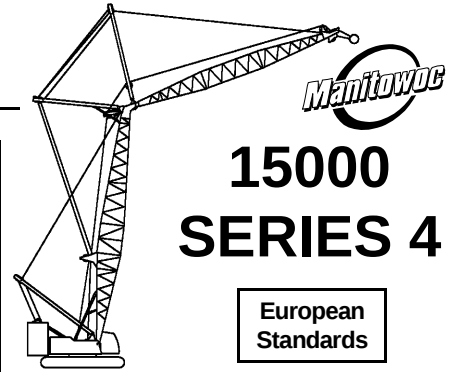
42.5m (139 Ft.) Boom, 39.6m (130 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	
13.7	75.9	83.3	37 400*																			13.7
14.0	75.5	83.2	37 300*																			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	39 100*	68.9	81.4	40 700													22.0
24.0	59.7	79.0	30 600*	62.2	79.7	35 900*	65.8	80.6	37 300													24.0
26.0	56.3	77.7	28 000*	58.9	78.5	32 500*	62.5	79.6	34 400	66.1	80.3	32 900										26.0
28.0	52.7	76.2	25 600*	55.4	77.2	29 600*	59.2	78.4	31 900	62.9	79.3	30 500										28.0
30.0	49.0	74.6	23 400*	51.8	75.7	27 200*	55.8	77.1	29 700	59.5	78.2	28 400										30.0
32.0	45.0	72.7	21 500*	48.0	74.0	25 000*	52.2	75.6	27 700	56.1	76.9	26 500	62.2	78.2	24 600							32.0
34.0	40.7	70.5	19 700*	43.9	72.0	23 100*	48.4	73.9	25 700*	52.5	75.4	24 800	58.9	77.1	23 000							34.0
36.0	36.0	67.9	18 200*	39.5	69.7	21 400*	44.3	72.0	23 800*	48.8	73.7	23 300	55.4	75.8	21 600							36.0
38.0	30.6	64.8	16 900*	34.6	67.0	19 800*	40.0	69.7	22 200*	44.7	71.8	22 000	51.8	74.2	20 300							38.0
40.0	24.2	60.8	15 900*	29.1	63.7	18 300*	35.2	67.1	20 800*	40.4	69.6	20 800	48.0	72.5	19 100	54.6	74.2	17 600				40.0
42.0	15.4	55.1	14 600*	22.2	59.5	16 900*	29.7	63.9	19 500*	35.7	67.0	19 500	43.9	70.6	18 000	50.9	72.7	16 600				42.0
44.0				12.1	52.7	14 300*	23.0	59.7	17 800*	30.3	63.8	18 300	39.5	68.3	16 900	47.0	70.9	15 600				44.0
46.0										23.8	59.8	17 100	34.7	65.6	15 900	42.9	68.9	14 600	49.8	70.7	13 400	46.0
48.0										14.7	53.9	15 700	29.1	62.3	14 900	38.4	66.5	13 700	45.8	68.9	12 500	48.0
50.0													22.3	58.0	14 100	33.4	63.7	12 900	41.6	66.7	11 800	50.0
52.0																27.6	60.2	12 200	37.0	64.2	11 100	52.0
54.0																20.3	55.6	11 500	31.8	61.2	10 500	54.0
56.0																			25.6	57.5	9 900	56.0
58.0																			17.6	52.3	9 300	58.0

Liftcrane Luffing Jib Capacities

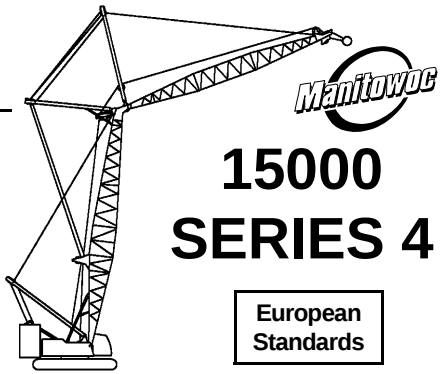
Luffing Jib No. 149A On Boom No. 57
107 680 kg Crane Counterweight
52 160 kg Carbody Counterweight
360 Degree Rating

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.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	
15.2	74.8	86.0	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	34 700*	67.6	83.9	36 500													24.0
26.0	59.0	81.3	27 200*	61.3	82.1	32 200*	64.7	83.0	33 800													26.0
28.0	55.8	80.0	25 000*	58.2	80.9	29 500*	61.6	81.9	31 300	65.0	82.7	29 900										28.0
30.0	52.5	78.5	23 000*	55.0	79.5	26 900*	58.5	80.8	29 100	61.9	81.7	27 800										30.0
32.0	49.0	76.9	21 100*	51.6	78.0	24 800*	55.3	79.4	27 200	58.8	80.5	26 000										32.0
34.0	45.3	75.0	19 400*	48.0	76.3	22 900*	51.9	77.9	25 400	55.6	79.2	24 300	61.3	80.6	22 500							34.0
36.0	41.3	72.8	17 900*	44.3	74.3	21 200*	48.4	76.2	23 600*	52.3	77.7	22 800	58.2	79.4	21 100							36.0
38.0	37.0	70.3	16 600*	40.2	72.1	19 700*	44.7	74.3	22 000*	48.8	76.1	21 500	55.0	78.1	19 800							38.0
40.0	32.2	67.4	15 400*	35.8	69.5	18 100*	40.7	72.1	20 500*	45.1	74.1	20 300	51.6	76.6	18 700							40.0
42.0	26.7	63.7	14 600*	30.9	66.4	16 800*	36.3	69.5	19 200*	41.1	72.0	19 200	48.1	74.8	17 600	54.2	76.6	16 100				42.0
44.0	19.7	58.9	13 800*	25.0	62.5	15 700*	31.4	66.5	18 000*	36.8	69.4	18 000	44.3	72.9	16 600	50.8	75.0	15 200				44.0
46.0				17.4	57.2	14 000*	25.7	62.7	16 800*	31.9	66.5	17 000	40.3	70.6	15 600	47.2	73.2	14 300				46.0
48.0							18.4	57.7	14 700*	26.3	62.8	16 000	35.9	68.0	14 700	43.4	71.2	13 400	49.7	73.0	12 200	48.0
50.0										19.2	57.9	15 000	30.9	64.9	13 800	39.2	68.9	12 600	46.1	71.2	11 500	50.0
52.0													25.1	61.1	13 000	34.7	66.2	11 900	42.2	69.1	10 800	52.0
54.0													17.5	55.8	12 300	29.6	62.9	11 300	37.9	66.6	10 200	54.0
56.0																23.5	58.8	10 600	33.3	63.8	9 600	56.0
58.0																			27.9	60.3	9 000	58.0
60.0																			21.3	55.9	8 500	60.0
62.0																			11.5	48.8	8 000	62.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A On Boom No. 57
107 680 kg Crane Counterweight
52 160 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		

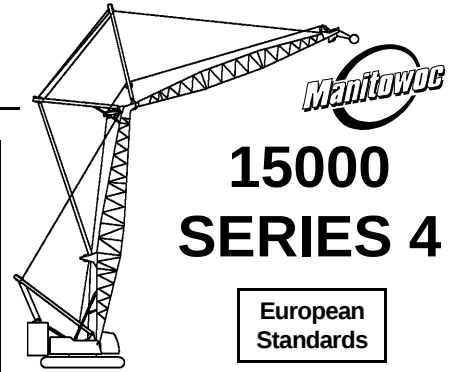
42.5m (139 Ft.) Boom, 45.7m (150 Ft.) Luffing Jib

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.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	
15.2	75.9	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	34 300*													24.0
26.0	61.3	84.8	26 300*	63.4	85.5	30 800*	66.5	86.3	33 300													26.0
28.0	58.4	83.7	24 300*	60.5	84.4	28 700*	63.7	85.4	30 900	66.7	86.1	29 600										28.0
30.0	55.4	82.3	22 400*	57.6	83.2	26 600*	60.8	84.3	28 700	64.0	85.1	27 500										30.0
32.0	52.2	80.8	20 700*	54.6	81.8	24 700*	57.9	83.1	26 900	61.1	84.1	25 600										32.0
34.0	49.0	79.2	19 100*	51.4	80.3	22 800*	54.9	81.8	25 100	58.2	82.9	24 000										34.0
36.0	45.5	77.3	17 700*	48.1	78.6	21 000*	51.7	80.2	23 500*	55.2	81.5	22 600	60.6	83.0	20 800							36.0
38.0	41.9	75.2	16 300*	44.6	76.7	19 400*	48.5	78.5	21 800*	52.1	80.0	21 200	57.6	81.8	19 600							38.0
40.0	37.9	72.7	15 200*	40.9	74.4	18 000*	45.0	76.6	20 400*	48.8	78.3	20 000	54.6	80.4	18 400							40.0
42.0	33.6	69.9	14 200*	36.8	71.9	16 700*	41.3	74.4	19 100*	45.3	76.5	19 000	51.4	78.9	17 400							42.0
44.0	28.7	66.5	13 300*	32.4	69.0	15 500*	37.3	72.0	17 900*	41.7	74.3	17 900	48.1	77.1	16 500	53.8	78.9	15 000				44.0
46.0	22.8	62.3	12 700*	27.2	65.4	14 500*	32.9	69.1	16 800*	37.7	71.9	16 900	44.6	75.2	15 500	50.6	77.3	14 200				46.0
48.0	14.8	56.2	11 700*	21.0	60.8	13 400*	27.8	65.6	15 600*	33.3	69.0	15 900	40.9	73.0	14 600	47.3	75.5	13 300				48.0
50.0				11.8	53.8	11 400*	21.7	61.2	14 100*	28.4	65.6	15 000	36.9	70.5	13 800	43.8	73.5	12 600	49.7	75.3	11 400	50.0
52.0										22.4	61.3	14 100	32.4	67.5	13 000	40.0	71.2	11 800	46.3	73.5	10 700	52.0
54.0										14.2	55.0	12 700*	27.3	64.0	12 200	35.8	68.6	11 200	42.7	71.4	10 100	54.0
56.0													21.0	59.4	11 600	31.2	65.6	10 500	38.8	69.0	9 500	56.0
58.0																25.9	61.8	9 900	34.5	66.3	9 000	58.0
60.0																19.2	56.9	9 400	29.7	63.0	8 500	60.0
62.0																			24.1	59.0	8 000	62.0
64.0																			16.8	53.5	7 500	64.0

Liftcrane Luffing Jib Capacities

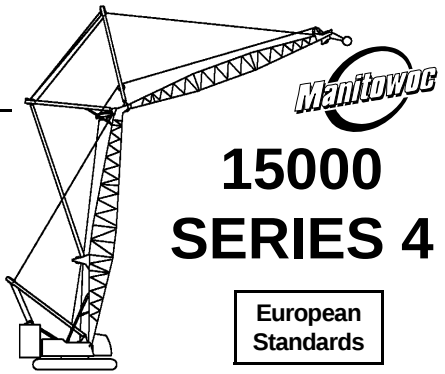
Luffing Jib No. 149A On Boom No. 57
107 680 kg Crane Counterweight
52 160 kg Carbody Counterweight
360 Degree Rating

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.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	
16.8	74.9	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	31 000													26.0
28.0	60.6	87.2	23 400*	62.6	87.9	27 500*	65.5	88.8	30 300													28.0
30.0	57.8	86.0	21 800*	59.9	86.8	25 700*	62.8	87.8	28 200	65.7	88.5	26 900										30.0
32.0	55.0	84.6	20 100*	57.1	85.6	23 900*	60.1	86.7	26 400	63.1	87.5	25 100										32.0
34.0	52.0	83.1	18 700*	54.2	84.2	22 200*	57.4	85.4	24 700	60.4	86.4	23 500										34.0
36.0	49.0	81.5	17 300*	51.3	82.6	20 600*	54.5	84.1	23 100	57.7	85.2	22 100										36.0
38.0	45.8	79.6	16 100*	48.2	80.9	19 100*	51.6	82.5	21 600*	54.8	83.8	20 700	59.9	85.3	19 100							38.0
40.0	42.3	77.5	14 900*	44.9	79.0	17 700*	48.5	80.8	20 100*	51.9	82.3	19 600	57.1	84.1	17 900							40.0
42.0	38.7	75.1	13 900*	41.4	76.8	16 500*	45.2	78.9	18 800*	48.8	80.7	18 500	54.2	82.7	16 900							42.0
44.0	34.7	72.4	13 000*	37.7	74.3	15 300*	41.8	76.8	17 600*	45.6	78.8	17 500	51.3	81.2	16 000							44.0
46.0	30.3	69.2	12 200*	33.6	71.5	14 300*	38.1	74.4	16 500*	42.1	76.7	16 600	48.2	79.4	15 100	53.5	81.2	13 800				46.0
48.0	25.2	65.3	11 600*	29.0	68.2	13 400*	34.1	71.6	15 400*	38.5	74.3	15 700	44.9	77.5	14 300	50.5	79.6	13 000				48.0
50.0	18.7	60.2	11 100*	23.7	64.0	12 700*	29.6	68.3	14 400*	34.5	71.5	14 800	41.5	75.3	13 500	47.4	77.8	12 300				50.0
52.0				16.7	58.5	11 100*	24.3	64.3	13 300*	30.0	68.3	13 900	37.7	72.9	12 700	44.1	75.8	11 500	49.6	77.6	10 400	52.0
54.0							17.6	58.9	11 700*	24.8	64.3	13 200	33.7	70.1	12 000	40.6	73.6	10 900	46.4	75.8	9 800	54.0
56.0										18.3	59.2	12 100	29.1	66.7	11 400	36.8	71.1	10 300	43.1	73.7	9 200	56.0
58.0													23.7	62.6	10 700	32.6	68.1	9 700	39.5	71.4	8 700	58.0
60.0													16.7	57.0	10 100	27.9	64.6	9 200	35.6	68.8	8 200	60.0
62.0																22.2	60.3	8 700	31.3	65.7	7 700	62.0
64.0																14.6	54.1	8 200	26.3	62.0	7 300	64.0
66.0																			20.2	57.2	6 800	66.0
68.0																			11.3	49.9	6 400	68.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A On Boom No. 57
107 680 kg Crane Counterweight
52 160 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		

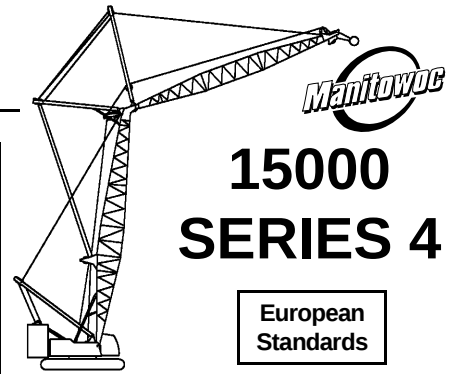
42.5m (139 Ft.) Boom, 51.8m (170 Ft.) Luffing Jib

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			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib 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	28 000*													28.0
30.0	59.9	89.6	21 100*	61.8	90.3	24 700*	64.6	91.2	27 500													30.0
32.0	57.3	88.3	19 600*	59.3	89.2	23 200*	62.1	90.2	25 900	64.8	90.9	24 700										32.0
34.0	54.6	87.0	18 200*	56.6	87.9	21 700*	59.5	89.0	24 300	62.3	89.9	23 100										34.0
36.0	51.9	85.4	17 000*	53.9	86.5	20 200*	56.9	87.8	22 800	59.8	88.8	21 700										36.0
38.0	49.0	83.8	15 800*	51.1	84.9	18 800*	54.2	86.4	21 300	57.2	87.5	20 300										38.0
40.0	46.0	81.9	14 700*	48.2	83.2	17 500*	51.4	84.8	19 900*	54.5	86.2	19 200	59.3	87.7	17 600							40.0
42.0	42.8	79.8	13 700*	45.1	81.3	16 300*	48.5	83.1	18 600*	51.7	84.6	18 100	56.7	86.4	16 500							42.0
44.0	39.4	77.5	12 800*	41.9	79.1	15 200*	45.5	81.2	17 400*	48.8	82.9	17 100	53.9	85.0	15 600							44.0
46.0	35.7	74.8	12 000*	38.4	76.7	14 200*	42.3	79.1	16 300*	45.8	81.1	16 200	51.1	83.5	14 800	56.0	84.9	13 400				46.0
48.0	31.7	71.8	11 300*	34.7	74.0	13 200*	38.8	76.8	15 200*	42.6	79.0	15 400	48.2	81.7	14 000	53.3	83.5	12 700				48.0
50.0	27.1	68.2	10 700*	30.5	70.8	12 400*	35.1	74.1	14 200*	39.2	76.6	14 600	45.2	79.8	13 300	50.5	81.9	12 000				50.0
52.0	21.6	63.7	10 200*	25.8	67.0	11 700*	31.0	70.9	13 200*	35.5	74.0	13 800	41.9	77.7	12 500	47.5	80.1	11 400	52.4	81.6	10 200	52.0
54.0	14.3	57.3	9 200*	20.0	62.2	10 700*	26.3	67.2	12 400*	31.4	70.9	13 000	38.5	75.3	11 800	44.4	78.2	10 700	49.6	79.9	9 600	54.0
56.0				11.7	54.9	8 900*	20.7	62.5	11 200*	26.8	67.2	12 300	34.7	72.6	11 200	41.1	76.0	10 100	46.6	78.1	9 000	56.0
58.0										21.3	62.7	11 600	30.6	69.4	10 500	37.6	73.5	9 500	43.4	76.1	8 500	58.0
60.0										13.8	56.2	10 000*	25.8	65.6	10 000	33.8	70.7	9 000	40.1	73.8	8 000	60.0
62.0													20.0	60.7	9 400	29.5	67.3	8 500	36.5	71.2	7 500	62.0
64.0													11.7	53.5	8 900	24.6	63.3	8 000	32.5	68.2	7 100	64.0
66.0																18.4	58.2	7 600	28.1	64.8	6 700	66.0
68.0																			22.9	60.5	6 300	68.0
70.0																			16.1	54.7	5 900	70.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A On Boom No. 57
107 680 kg Crane Counterweight
52 160 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

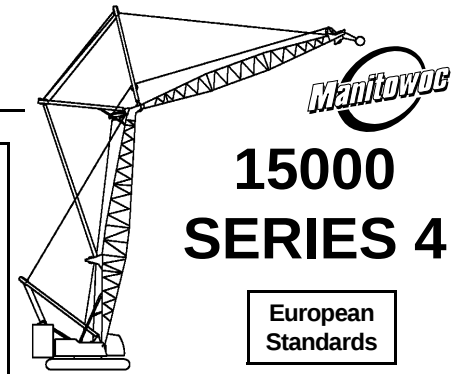
Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	
18.3	75.0	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	25 100*													30.0
32.0	59.4	91.9	19 100*	61.1	92.7	22 400*	63.8	93.6	25 000*	66.3	94.3	24 100										32.0
34.0	56.9	90.7	17 900*	58.7	91.5	21 100*	61.4	92.6	23 800	64.0	93.3	22 600										34.0
36.0	54.3	89.3	16 700*	56.2	90.2	19 800*	59.0	91.4	22 300	61.6	92.3	21 200										36.0
38.0	51.7	87.7	15 600*	53.7	88.8	18 500*	56.5	90.1	21 000	59.2	91.2	19 900										38.0
40.0	49.0	86.1	14 600*	51.0	87.2	17 300*	53.9	88.7	19 700*	56.7	89.9	18 700	61.2	91.2	17 100							40.0
42.0	46.1	84.2	13 600*	48.2	85.5	16 200*	51.3	87.2	18 400*	54.2	88.5	17 700	58.7	90.1	16 100							42.0
44.0	43.1	82.2	12 700*	45.4	83.6	15 100*	48.5	85.4	17 200*	51.6	86.9	16 700	56.2	88.7	15 200							44.0
46.0	40.0	79.9	11 900*	42.3	81.5	14 200*	45.7	83.6	16 100*	48.8	85.2	15 800	53.7	87.3	14 400							46.0
48.0	36.6	77.3	11 200*	39.1	79.1	13 200*	42.7	81.5	15 000*	46.0	83.4	15 000	51.0	85.8	13 600	55.6	87.2	12 200				48.0
50.0	32.8	74.4	10 600*	35.6	76.5	12 400*	39.4	79.1	14 000*	43.0	81.3	14 200	48.3	84.0	12 800	53.0	85.8	11 600				50.0
52.0	28.7	70.9	10 000*	31.8	73.4	11 600*	36.0	76.5	13 100*	39.8	79.0	13 500	45.4	82.1	12 200	50.4	84.2	11 000				52.0
54.0	23.9	66.8	9 600*	27.5	69.8	11 000*	32.2	73.5	12 200*	36.4	76.4	12 800	42.3	80.0	11 600	47.6	82.4	10 400				54.0
56.0	18.0	61.5	8 800*	22.5	65.5	10 100*	28.0	70.0	11 400*	32.6	73.5	12 100	39.1	77.7	10 900	44.7	80.5	9 800	49.6	82.2	8 700	56.0
58.0				16.1	59.7	8 700*	23.1	65.7	10 600*	28.5	70.0	11 400	35.6	75.0	10 300	41.6	78.3	9 200	46.7	80.4	8 200	58.0
60.0							16.9	60.1	9 200*	23.6	65.8	10 800	31.8	72.0	9 700	38.3	75.9	8 700	43.8	78.4	7 700	60.0
62.0										17.6	60.4	9 700*	27.6	68.4	9 200	34.8	73.1	8 200	40.6	76.1	7 200	62.0
64.0										7.7	51.2	7 900*	22.6	64.1	8 700	30.9	70.0	7 800	37.3	73.6	6 800	64.0
66.0													16.1	58.2	8 200	26.5	66.3	7 300	33.6	70.8	6 400	66.0
68.0																21.2	61.7	6 900	29.6	67.5	6 000	68.0
70.0																14.2	55.2	6 500	25.0	63.5	5 700	70.0
72.0																			19.4	58.5	5 300	72.0
74.0																			11.2	51.0	5 000	74.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A On Boom No. 57
107 680 kg Crane Counterweight
52 160 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



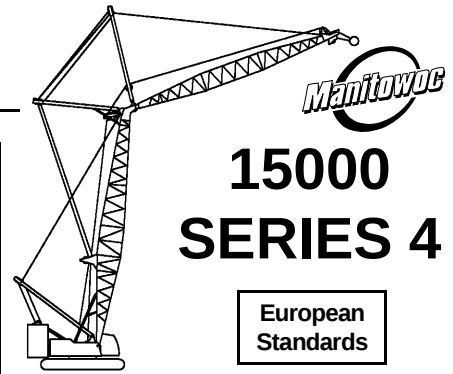
42.5m (139 Ft.) Boom, 57.9m (190 Ft.) Luffing Jib

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.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	
18.3	75.8	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	22 600*	67.6	97.6	23 800							32.0
34.0	58.8	94.3	17 300*	60.5	95.1	20 300*	63.0	96.0	22 500*	65.4	96.7	22 300							34.0
36.0	56.5	93.0	16 200*	58.2	93.9	19 100*	60.8	94.9	22 000	63.2	95.7	20 900							36.0
38.0	54.1	91.6	15 200*	55.9	92.5	18 000*	58.5	93.7	20 700	61.0	94.7	19 600							38.0
40.0	51.6	90.1	14 200*	53.4	91.1	16 900*	56.1	92.4	19 500	58.7	93.5	18 500							40.0
42.0	49.0	88.4	13 300*	50.9	89.5	15 800*	53.7	91.0	18 200*	56.3	92.2	17 400	60.6	93.6	15 900				42.0
44.0	46.3	86.5	12 500*	48.3	87.8	14 900*	51.2	89.4	17 100*	53.9	90.8	16 500	58.2	92.4	15 000				44.0
46.0	43.5	84.5	11 700*	45.6	85.9	13 900*	48.6	87.7	15 900*	51.4	89.2	15 600	55.9	91.1	14 100				46.0
48.0	40.5	82.2	11 000*	42.7	83.8	13 100*	45.9	85.9	14 900*	48.8	87.6	14 800	53.4	89.6	13 400				48.0
50.0	37.3	79.7	10 400*	39.7	81.5	12 300*	43.0	83.8	13 800*	46.1	85.7	14 000	50.9	88.1	12 600	55.3	89.6	11 300	50.0
52.0	33.9	76.9	9 800*	36.4	78.9	11 500*	40.0	81.5	12 900*	43.3	83.6	13 300	48.3	86.3	12 000	52.8	88.1	10 700	52.0
54.0	30.1	73.6	9 300*	32.9	76.0	10 900*	36.8	78.9	12 100*	40.3	81.4	12 600	45.6	84.4	11 400	50.3	86.5	10 200	54.0
56.0	25.8	69.8	8 900*	29.0	72.6	10 300*	33.3	76.1	11 300*	37.1	78.8	12 000	42.7	82.4	10 800	47.7	84.7	9 600	56.0
58.0	20.7	65.1	8 500*	24.6	68.6	9 600*	29.5	72.7	10 600*	33.7	76.0	11 300	39.7	80.0	10 200	44.9	82.8	9 100	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	10 600*	36.5	77.4	9 600	42.0	80.7	8 600	60.0
62.0				11.5	56.0	6 900*	19.8	63.8	8 800*	25.5	68.8	9 900*	32.9	74.5	9 100	38.9	78.3	8 100	62.0
64.0							12.5	56.8	7 500*	20.4	64.0	9 300*	29.1	71.1	8 600	35.6	75.6	7 700	64.0
66.0										13.4	57.3	7 900*	24.6	67.1	8 100	32.0	72.6	7 200	66.0
68.0													19.2	62.0	7 700	28.0	69.1	6 800	68.0
70.0													11.6	54.6	7 300	23.4	64.8	6 400	70.0
72.0																17.7	59.4	6 100	72.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A On Boom No. 57
107 680 kg Crane Counterweight
52 160 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, 61.0m (200 Ft.) Luffing Jib

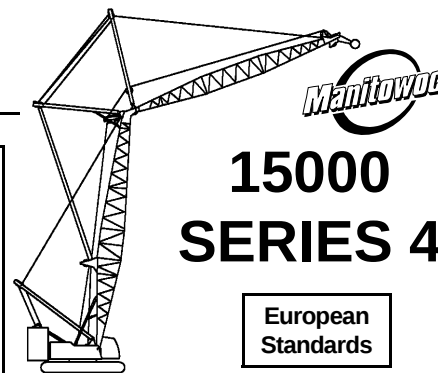
Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib 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	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	20 300*	66.8	100.1	21 400							34.0
36.0	58.4	96.6	15 700*	60.0	97.4	18 400*	62.4	98.4	20 200*	64.7	99.2	20 500							36.0
38.0	56.1	95.3	14 700*	57.8	96.2	17 400*	60.2	97.3	20 100*	62.6	98.2	19 200							38.0
40.0	53.8	93.9	13 900*	55.5	94.9	16 400*	58.0	96.1	19 000	60.4	97.1	18 000							40.0
42.0	51.4	92.3	13 000*	53.2	93.4	15 500*	55.8	94.8	17 900	58.2	95.8	17 000							42.0
44.0	49.0	90.7	12 300*	50.8	91.8	14 500*	53.5	93.3	16 800*	56.0	94.5	16 000	60.0	96.0	14 500				44.0
46.0	46.4	88.8	11 600*	48.3	90.1	13 700*	51.1	91.7	15 700*	53.7	93.1	15 200	57.8	94.7	13 700				46.0
48.0	43.8	86.8	10 900*	45.7	88.2	12 900*	48.6	90.0	14 700*	51.3	91.6	14 300	55.5	93.4	12 900				48.0
50.0	40.9	84.6	10 200*	43.0	86.1	12 100*	46.0	88.2	13 600*	48.8	89.8	13 600	53.2	91.9	12 200				50.0
52.0	38.0	82.1	9 700*	40.2	83.9	11 400*	43.3	86.1	12 700*	46.3	88.0	12 900	50.8	90.4	11 600	55.0	91.9	10 300	52.0
54.0	34.8	79.4	9 100*	37.1	81.3	10 700*	40.5	83.9	11 800*	43.6	86.0	12 300	48.3	88.6	11 000	52.7	90.4	9 700	54.0
56.0	31.3	76.2	8 700*	33.9	78.5	10 000*	37.5	81.4	11 000*	40.8	83.7	11 600	45.8	86.7	10 400	50.2	88.8	9 200	56.0
58.0	27.4	72.6	8 300*	30.3	75.2	9 400*	34.2	78.6	10 300*	37.8	81.2	11 100	43.1	84.7	9 900	47.7	87.0	8 700	58.0
60.0	22.9	68.3	7 800*	26.3	71.5	8 800*	30.7	75.4	9 700*	34.6	78.5	10 400*	40.2	82.4	9 400	45.1	85.1	8 300	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	9 700*	37.2	79.9	8 900	42.4	83.0	7 800	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	9 100*	33.9	77.0	8 400	39.5	80.7	7 400	64.0
66.0							16.3	61.3	7 200*	22.6	67.3	8 500*	30.3	73.8	7 900	36.4	78.1	7 000	66.0
68.0										17.0	61.6	7 600*	26.3	70.0	7 500	33.1	75.1	6 600	68.0
70.0										8.0	52.3	6 200*	21.6	65.5	7 000	29.4	71.8	6 200	70.0
72.0													15.6	59.4	6 600	25.3	67.8	5 800	72.0
74.0																20.3	63.0	5 500	74.0
76.0																13.8	56.3	5 100	76.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A On Boom No. 57
107 680 kg Crane Counterweight
52 160 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



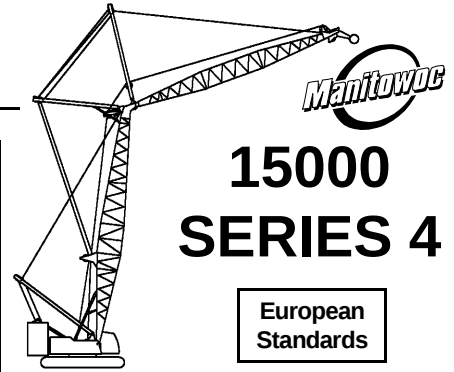
42.5m (139 Ft.) Boom, 64.0m (210 Ft.) Luffing Jib

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.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	
19.8	75.8	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	19 500*				36.0
38.0	57.9	99.0	14 300*	59.5	99.8	16 700*	61.8	100.8	18 200*	64.0	101.6	18 800				38.0
40.0	55.8	97.7	13 500*	57.4	98.5	15 800*	59.7	99.7	18 100	62.0	100.5	17 700				40.0
42.0	53.6	96.2	12 700*	55.2	97.2	15 000*	57.6	98.4	17 700	59.9	99.4	16 600				42.0
44.0	51.3	94.7	12 000*	53.0	95.7	14 200*	55.5	97.1	16 500	57.8	98.2	15 700	61.6	99.5	14 100	44.0
46.0	49.0	93.0	11 300*	50.7	94.1	13 400*	53.2	95.6	15 500*	55.7	96.8	14 800	59.5	98.3	13 400	46.0
48.0	46.5	91.1	10 700*	48.4	92.4	12 600*	51.0	94.1	14 400*	53.5	95.4	14 000	57.4	97.1	12 600	48.0
50.0	44.0	89.1	10 100*	45.9	90.5	11 900*	48.6	92.3	13 400*	51.2	93.8	13 300	55.2	95.7	11 900	50.0
52.0	41.4	86.9	9 500*	43.3	88.5	11 200*	46.2	90.5	12 400*	48.8	92.2	12 600	53.0	94.2	11 200	52.0
54.0	38.5	84.5	9 000*	40.6	86.2	10 500*	43.6	88.4	11 600*	46.4	90.3	11 900	50.7	92.7	10 700	54.0
56.0	35.5	81.8	8 500*	37.8	83.7	9 800*	40.9	86.2	10 800*	43.9	88.3	11 300	48.4	90.9	10 100	56.0
58.0	32.3	78.8	8 100*	34.7	81.0	9 200*	38.1	83.8	10 100*	41.2	86.1	10 800	45.9	89.1	9 600	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	10 200*	43.4	87.0	9 100	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	9 500*	40.7	84.8	8 600	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	8 800*	37.8	82.3	8 200	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	8 300*	34.8	79.5	7 700	66.0
68.0				11.4	57.1	5 200*	19.1	65.2	6 800*	24.5	70.4	7 800*	31.4	76.4	7 300	68.0
70.0							12.3	57.9	5 600*	19.6	65.3	7 100*	27.8	72.8	6 900	70.0
72.0										13.1	58.4	6 100*	23.6	68.6	6 500	72.0
74.0													18.5	63.3	6 100	74.0
76.0													11.4	55.7	5 700	76.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A On Boom No. 57
107 680 kg Crane Counterweight
52 160 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, 67.1m (220 Ft.) Luffing Jib

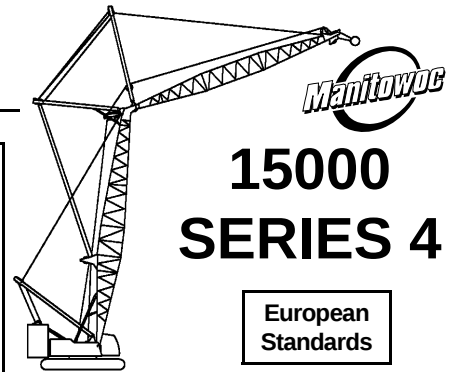
Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
21.3	75.1	109.6	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	17 600*				38.0
40.0	57.6	101.3	13 000*	59.0	102.1	15 200*	61.2	103.2	16 300*	63.4	104.0	17 300				40.0
42.0	55.5	100.0	12 300*	57.0	100.9	14 500*	59.3	102.0	16 100*	61.4	102.9	16 200				42.0
44.0	53.4	98.5	11 700*	55.0	99.5	13 800*	57.2	100.8	15 600*	59.5	101.8	15 300				44.0
46.0	51.2	97.0	11 000*	52.8	98.0	13 000*	55.2	99.4	14 700*	57.4	100.5	14 400	61.0	101.8	12 900	46.0
48.0	49.0	95.3	10 400*	50.6	96.4	12 400*	53.1	97.9	13 800*	55.4	99.2	13 600	59.1	100.7	12 200	48.0
50.0	46.7	93.4	9 900*	48.4	94.7	11 700*	50.9	96.3	13 000*	53.3	97.7	12 900	57.0	99.4	11 500	50.0
52.0	44.2	91.4	9 300*	46.0	92.8	10 900*	48.6	94.6	12 200*	51.1	96.2	12 200	55.0	98.0	10 900	52.0
54.0	41.7	89.3	8 800*	43.6	90.8	10 200*	46.3	92.8	11 300*	48.9	94.4	11 500	52.8	96.6	10 300	54.0
56.0	39.1	86.9	8 400*	41.1	88.6	9 500*	43.9	90.8	10 500*	46.5	92.6	11 000	50.7	95.0	9 700	56.0
58.0	36.3	84.3	7 900*	38.4	86.1	8 900*	41.3	88.6	9 800*	44.1	90.6	10 400	48.4	93.2	9 200	58.0
60.0	33.2	81.3	7 400*	35.5	83.4	8 400*	38.6	86.2	9 200*	41.6	88.4	9 900	46.1	91.4	8 700	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	9 200*	43.6	89.3	8 200	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	8 600*	41.1	87.1	7 800	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	8 000*	38.4	84.7	7 400	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	7 500*	35.5	82.0	7 000	68.0
70.0		54.9	3 900*	15.2	62.0	5 000*	21.3	68.6	6 200*	26.0	73.3	7 000*	32.4	79.0	6 600	70.0
72.0							15.8	62.5	5 300*	21.8	68.7	6 400*	29.0	75.6	6 300	72.0
74.0										16.5	62.8	5 700*	25.3	71.6	5 900	74.0
76.0										8.2	53.4	4 500*	20.8	66.8	5 500	76.0
78.0													15.2	60.6	5 200	78.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A On Boom No. 57
107 680 kg Crane Counterweight
52 160 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



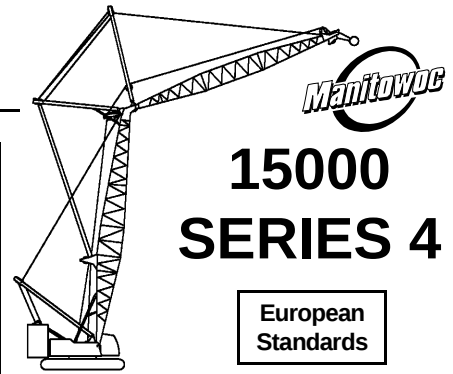
42.5m (139 Ft.) Boom, 70.1m (230 Ft.) Luffing Jib

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.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	
21.3	75.7	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	16 600*	38.0
40.0	59.1	104.9	12 400*	60.5	105.7	14 300*	62.6	106.6	15 400*	64.6	107.4	16 600	40.0
42.0	57.2	103.6	11 700*	58.6	104.5	13 700*	60.7	105.5	15 300*	62.8	106.4	16 000	42.0
44.0	55.2	102.3	11 100*	56.7	103.2	13 100*	58.8	104.4	15 200*	60.9	105.3	15 000	44.0
46.0	53.2	100.8	10 500*	54.7	101.8	12 400*	56.9	103.1	15 000*	59.0	104.1	14 100	46.0
48.0	51.1	99.3	10 000*	52.7	100.3	11 800*	54.9	101.7	13 900*	57.1	102.9	13 300	48.0
50.0	49.0	97.6	9 500*	50.6	98.7	11 200*	52.9	100.2	12 900*	55.1	101.5	12 600	50.0
52.0	46.8	95.7	9 000*	48.4	97.0	10 600*	50.8	98.7	12 000*	53.1	100.0	11 900	52.0
54.0	44.5	93.8	8 500*	46.2	95.1	10 000*	48.6	96.9	11 100*	51.0	98.4	11 300	54.0
56.0	42.1	91.6	8 100*	43.9	93.1	9 400*	46.4	95.1	10 400*	48.9	96.7	10 700	56.0
58.0	39.5	89.3	7 700*	41.4	90.9	8 700*	44.1	93.1	9 600*	46.6	94.9	10 100	58.0
60.0	36.9	86.7	7 200*	38.9	88.5	8 200*	41.7	90.9	9 000*	44.3	92.9	9 600	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	9 100*	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	8 400*	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	7 800*	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	7 300*	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	6 800*	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	6 300*	72.0
74.0				11.3	58.2	3 700*	18.5	66.4	5 100*	23.6	71.9	5 900*	74.0
76.0							12.2	59.0	4 100*	19.0	66.7	5 300*	76.0
78.0										12.9	59.5	4 400*	78.0

Liftcrane Luffing Jib Capacities

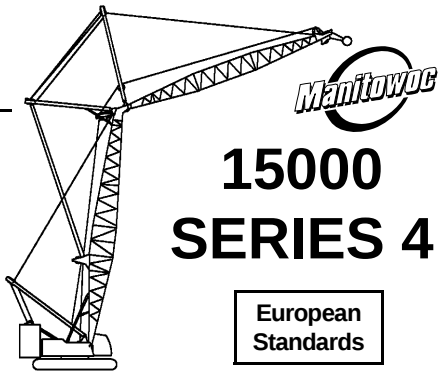
Luffing Jib No. 149A On Boom No. 57
107 680 kg Crane Counterweight
52 160 kg Carbody Counterweight
360 Degree Rating

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			80 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
22.9	75.1	115.5	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*	65.7	110.7	15 000*	40.0
42.0	58.7	107.2	11 300*	60.1	108.0	13 100*	62.1	109.0	13 800*	64.0	109.8	14 900*	42.0
44.0	56.9	106.0	10 800*	58.3	106.8	12 500*	60.3	107.9	13 700*	62.2	108.8	14 500	44.0
46.0	55.0	104.6	10 200*	56.4	105.5	11 900*	58.4	106.7	13 500*	60.4	107.7	13 700	46.0
48.0	53.0	103.1	9 700*	54.5	104.1	11 400*	56.6	105.4	13 400*	58.6	106.5	12 900	48.0
50.0	51.0	101.6	9 200*	52.5	102.6	10 900*	54.7	104.0	12 700*	56.8	105.2	12 200	50.0
52.0	49.0	99.9	8 800*	50.5	101.0	10 300*	52.7	102.6	11 700*	54.9	103.8	11 500	52.0
54.0	46.9	98.0	8 300*	48.4	99.3	9 800*	50.7	101.0	10 800*	52.9	102.3	10 900	54.0
56.0	44.7	96.1	7 900*	46.3	97.4	9 100*	48.7	99.2	10 100*	50.9	100.7	10 300	56.0
58.0	42.4	93.9	7 500*	44.1	95.4	8 500*	46.5	97.4	9 400*	48.9	99.1	9 800	58.0
60.0	40.0	91.6	7 000*	41.8	93.3	7 900*	44.3	95.4	8 700*	46.7	97.2	9 300	60.0
62.0	37.5	89.1	6 500*	39.3	90.9	7 400*	42.0	93.2	8 100*	44.5	95.2	8 700	62.0
64.0	34.8	86.3	6 000*	36.8	88.3	6 900*	39.6	90.9	7 500*	42.2	93.1	8 200*	64.0
66.0	31.9	83.3	5 600*	34.1	85.5	6 400*	37.1	88.3	7 000*	39.8	90.8	7 600*	66.0
68.0	28.8	79.8	5 200*	31.1	82.3	6 000*	34.4	85.5	6 500*	37.3	88.2	7 000*	68.0
70.0	25.3	75.8	4 800*	27.9	78.7	5 500*	31.4	82.4	6 000*	34.6	85.5	6 600*	70.0
72.0	21.3	71.1	4 300*	24.3	74.6	5 100*	28.3	78.9	5 600*	31.7	82.4	6 100*	72.0
74.0	16.3	65.1	3 600*	20.1	69.6	4 300*	24.7	74.8	5 200*	28.6	78.9	5 700*	74.0
76.0	9.0	56.0	2 600*	14.8	63.1	3 500*	20.6	69.9	4 600*	25.1	74.9	5 300*	76.0
78.0							15.4	63.7	3 800*	21.0	70.1	4 800*	78.0
80.0										16.0	64.0	4 100*	80.0
82.0										8.4	54.5	3 100*	82.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A On Boom No. 57
107 680 kg Crane Counterweight
52 160 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, 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	58 900*b																16.0
18.0	49.3	63.9	48 100*	54.8	65.0	51 700*b	62.3	66.3	53 500b													18.0
20.0	41.7	61.8	42 200*	47.8	63.4	45 500*	56.0	65.0	48 300b	63.4	66.1	46 400b										20.0
22.0	32.5	59.1	37 600*	39.9	61.2	40 600*	49.2	63.4	44 000	57.2	64.9	42 200b										22.0
24.0	19.8	54.8	32 100*	30.3	58.2	36 500*	41.5	61.4	40 300	50.4	63.4	38 700										24.0
26.0							32.3	58.6	36 600*	42.9	61.4	35 700	56.7	63.9	33 200b							26.0
28.0							19.4	54.3	32 400*	34.0	58.8	33 200	49.9	62.3	30 800							28.0
30.0										22.2	54.9	30 900	42.3	60.3	28 700							30.0
32.0													33.4	57.7	26 700	49.1	60.9	24 800				32.0
34.0													21.2	53.6	24 600	41.4	58.8	22 900				34.0
36.0																32.2	56.0	21 300	47.8	59.0	19 700	36.0
38.0																19.3	51.7	19 800	39.9	56.8	18 300	38.0
40.0																			30.3	53.8	17 100	40.0
42.0																			15.9	48.9	15 900	42.0

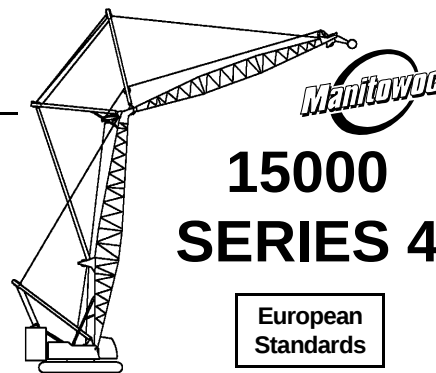
45.5m (149 Ft.) Boom, 24.4m (80 Ft.) Luffing Jib

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	57 700*b																16.0
18.0	55.3	67.7	47 300*	59.8	68.7	51 500*	66.1	69.7	52 500b													18.0
20.0	49.3	66.2	42 000*	54.1	67.3	45 200*	60.8	68.6	47 400b	67.0	69.5	45 500b										20.0
22.0	42.6	64.2	37 300*	48.0	65.7	40 300*	55.2	67.3	43 200	61.7	68.5	41 400b										22.0
24.0	35.0	61.6	33 600*	41.2	63.6	36 300*	49.1	65.7	39 700	56.2	67.2	38 000										24.0
26.0	25.4	58.0	30 400*	33.2	60.8	32 900*	42.5	63.7	36 400*	50.2	65.7	35 000	61.3	67.5	32 500b							26.0
28.0				22.9	56.9	29 800*	34.8	61.2	33 200*	43.7	63.7	32 500	55.8	66.2	30 100							28.0
30.0							25.1	57.5	30 500*	36.2	61.3	30 300	49.8	64.6	28 000							30.0
32.0							7.0	50.1	24 700*	27.0	57.9	28 300	43.2	62.7	26 200	55.1	64.8	24 200				32.0
34.0													35.7	60.2	24 500	49.1	63.2	22 600				34.0
36.0													26.3	56.7	22 700	42.4	61.2	21 000				36.0
38.0													10.6	50.4	21 000	34.7	58.6	19 600	47.9	61.3	18 000	38.0
40.0																25.0	54.9	18 200	41.1	59.2	16 800	40.0
42.0																			33.2	56.4	15 700	42.0
44.0																			22.8	52.5	14 700	44.0

Liftcrane Luffing Jib Capacities

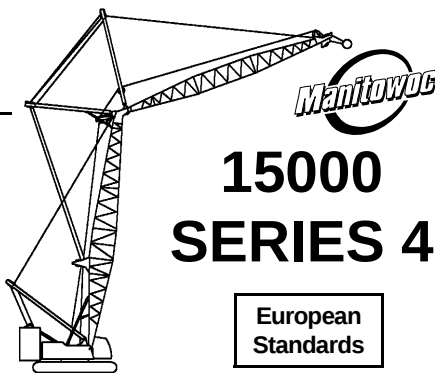
Luffing Jib No. 149A On Boom No. 57
107 680 kg Crane Counterweight
52 160 kg Carbody Counterweight
360 Degree Rating

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.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	
13.7	69.6	73.5	49 300*(b)																			13.7
14.0	69.0	73.4	49 000*(b)																			14.0
16.0	64.4	72.5	47 100*(b)	68.1	73.1	55 900*(b)																16.0
18.0	59.6	71.4	44 900*	63.4	72.2	51 000*																18.0
20.0	54.6	70.1	40 500*	58.6	71.0	45 000*	64.3	72.1	46 600b													20.0
22.0	49.3	68.5	36 400*	53.5	69.7	40 100*	59.5	71.0	42 500	65.1	71.9	40 700b										22.0
24.0	43.4	66.5	32 700*	48.1	68.0	36 100*	54.5	69.7	39 000	60.4	70.8	37 300										24.0
26.0	36.8	64.0	29 600*	42.1	65.9	32 700*	49.1	68.0	36 000	55.4	69.5	34 400										26.0
28.0	28.9	60.8	27 200*	35.3	63.3	29 900*	43.3	66.1	33 100*	50.1	68.0	31 900	60.0	69.8	29 600							28.0
30.0	18.1	56.1	24 500*	27.0	59.9	27 400*	36.6	63.6	30 400*	44.3	66.1	29 800	55.1	68.5	27 500							30.0
32.0				14.8	54.5	24 200*	28.7	60.4	28 000*	37.9	63.7	27 800	49.7	66.9	25 700							32.0
34.0							17.7	55.5	25 400*	30.2	60.6	26 100	43.9	65.0	24 100	54.5	67.1	22 200				34.0
36.0										20.1	56.2	24 200	37.4	62.6	22 600	49.1	65.5	20 800				36.0
38.0													29.6	59.5	21 000	43.2	63.5	19 400				38.0
40.0													19.2	54.9	19 600	36.6	61.0	18 100	48.1	63.6	16 600	40.0
42.0																28.6	57.8	16 900	42.1	61.5	15 600	42.0
44.0																17.6	52.9	15 800	35.3	58.9	14 600	44.0
46.0																			27.0	55.5	13 700	46.0
48.0																			14.8	50.0	12 800	48.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A On Boom No. 57
107 680 kg Crane Counterweight
52 160 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

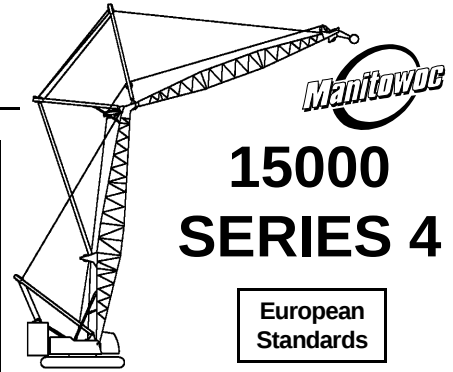
45.5m (149 Ft.) Boom, 30.5m (100 Ft.) Luffing Jib

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.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	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	71.8	76.7	45 200*b																			13.7
14.0	71.2	76.7	45 000*b																			14.0
16.0	67.1	75.9	43 400*b	70.4	76.4	52 900*b																16.0
18.0	63.0	74.9	41 900*	66.3	75.6	50 200*																18.0
20.0	58.6	73.7	39 000*	62.1	74.6	44 700*	67.0	75.5	45 800b													20.0
22.0	54.1	72.4	35 100*	57.7	73.4	39 800*	62.9	74.5	41 700													22.0
24.0	49.2	70.8	31 800*	53.1	72.0	35 800*	58.5	73.3	38 300	63.6	74.3	36 600										24.0
26.0	44.0	68.8	28 700*	48.2	70.3	32 500*	54.0	72.0	35 300	59.3	73.2	33 800										26.0
28.0	38.2	66.5	26 100*	42.8	68.3	29 600*	49.1	70.3	32 700	54.8	71.8	31 300										28.0
30.0	31.5	63.5	24 000*	36.9	65.8	27 200*	43.9	68.4	30 100*	50.0	70.3	29 100	59.0	72.2	26 900							30.0
32.0	23.0	59.5	22 400*	29.9	62.7	25 000*	38.0	66.0	27 800*	44.8	68.4	27 300	54.5	70.8	25 100							32.0
34.0				20.9	58.3	22 900*	31.3	63.0	25 700*	39.1	66.1	25 600	49.6	69.2	23 500							34.0
36.0							22.8	59.0	23 900*	32.6	63.2	24 000	44.4	67.3	22 100	53.9	69.4	20 300				36.0
38.0							7.8	51.3	19 600*	24.5	59.5	22 400	38.7	65.0	20 700	49.1	67.8	19 100				38.0
40.0													32.1	62.1	19 300	43.8	65.8	17 800				40.0
42.0													23.8	58.2	18 100	38.0	63.5	16 700	48.2	65.9	15 200	42.0
44.0													10.5	51.4	16 900	31.2	60.5	15 600	42.8	63.9	14 200	44.0
46.0																22.7	56.4	14 600	36.9	61.4	13 400	46.0
48.0																			29.9	58.3	12 600	48.0
50.0																			20.8	53.9	11 800	50.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A On Boom No. 57
107 680 kg Crane Counterweight
52 160 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

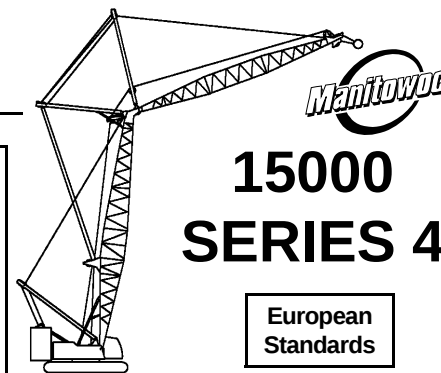
Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	
13.7	73.5	80.0	41 500*(b)																			13.7
14.0	73.0	79.9	41 300*(b)																			14.0
16.0	69.3	79.2	40 000*(b)	72.2	79.6	48 500*(b)																16.0
18.0	65.6	78.3	38 700*	68.6	78.9	47 200*																18.0
20.0	61.8	77.3	37 500*	64.8	78.0	43 900*	69.2	78.8	45 100													20.0
22.0	57.8	76.1	33 900*	61.0	76.9	39 900*	65.5	77.9	41 200													22.0
24.0	53.6	74.7	30 800*	56.9	75.7	35 700*	61.7	76.9	37 800													24.0
26.0	49.2	73.1	28 000*	52.7	74.3	32 400*	57.7	75.7	34 900	62.4	76.7	33 400										26.0
28.0	44.5	71.1	25 500*	48.3	72.6	29 500*	53.5	74.3	32 400	58.4	75.5	30 900										28.0
30.0	39.3	68.8	23 200*	43.4	70.6	27 100*	49.1	72.6	30 000	54.3	74.2	28 800										30.0
32.0	33.4	66.1	21 400*	38.1	68.2	25 000*	44.4	70.7	27 700*	49.9	72.6	26 900	58.1	74.5	24 800							32.0
34.0	26.4	62.5	19 900*	32.1	65.3	23 100*	39.1	68.4	25 700*	45.2	70.7	25 200	54.0	73.1	23 200							34.0
36.0	16.8	57.3	18 600*	24.7	61.5	21 400*	33.3	65.6	23 800*	40.1	68.5	23 800	49.6	71.5	21 800							36.0
38.0				14.1	55.6	18 700*	26.2	62.0	22 200*	34.4	65.8	22 400	44.9	69.6	20 600	53.5	71.7	18 800				38.0
40.0							16.6	56.7	20 100*	27.6	62.3	20 900	39.7	67.4	19 300	49.1	70.1	17 700				40.0
42.0										18.6	57.5	19 600	33.9	64.6	18 100	44.3	68.1	16 600				42.0
44.0													27.1	61.2	17 000	39.1	65.8	15 600	48.2	68.2	14 200	44.0
46.0													17.8	56.2	15 900	33.2	63.0	14 600	43.4	66.2	13 300	46.0
48.0																26.2	59.4	13 700	38.1	63.8	12 500	48.0
50.0																16.4	54.1	12 900	32.1	60.9	11 800	50.0
52.0																			24.7	57.1	11 100	52.0
54.0																			14.0	51.2	10 400	54.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A On Boom No. 57
107 680 kg Crane Counterweight
52 160 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
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Standards

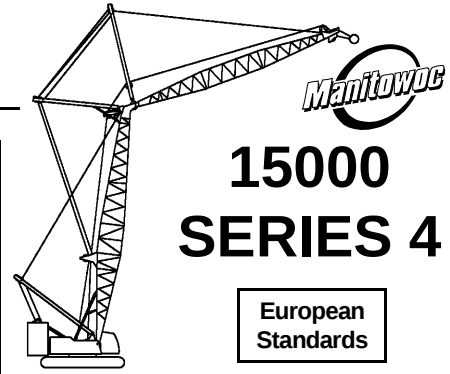
45.5m (149 Ft.) Boom, 36.6m (120 Ft.) Luffing Jib

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.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	
13.7	74.9	83.1	38 000*(b)																			13.7
14.0	74.4	83.1	37 900*(b)																			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	38 400*	67.7	81.2	40 400													22.0
24.0	57.1	78.4	29 800*	60.0	79.3	35 400*	64.2	80.3	37 100													24.0
26.0	53.2	77.0	27 200*	56.3	78.0	32 100*	60.7	79.3	34 300	64.9	80.1	32 700										26.0
28.0	49.2	75.3	24 800*	52.4	76.6	29 300*	57.0	78.0	31 800	61.3	79.1	30 300										28.0
30.0	44.9	73.4	22 700*	48.3	74.9	26 800*	53.2	76.6	29 600	57.7	77.9	28 200										30.0
32.0	40.2	71.2	20 800*	43.9	72.9	24 700*	49.1	74.9	27 400*	53.8	76.5	26 400	61.1	78.1	24 200							32.0
34.0	35.0	68.6	19 200*	39.1	70.6	22 700*	44.8	73.0	25 300*	49.8	74.9	24 700	57.4	76.8	22 700							34.0
36.0	28.9	65.3	17 900*	33.8	67.8	20 800*	40.1	70.8	23 600*	45.5	73.0	23 200	53.6	75.4	21 300							36.0
38.0	21.4	60.9	16 900*	27.5	64.4	19 300*	34.8	68.1	22 000*	40.9	70.8	21 900	49.5	73.8	20 100							38.0
40.0				19.5	59.6	18 000*	28.8	64.8	20 600*	35.8	68.2	20 700	45.2	71.9	18 900	53.1	74.0	17 200				40.0
42.0							21.2	60.4	19 000*	29.9	65.1	19 400	40.6	69.7	17 800	49.0	72.4	16 300				42.0
44.0							8.3	52.4	15 500*	22.7	60.9	18 200	35.4	67.1	16 700	44.7	70.5	15 300				44.0
46.0													29.5	63.9	15 700	40.0	68.2	14 300	48.3	70.5	13 000	46.0
48.0													22.1	59.7	14 800	34.8	65.5	13 500	43.9	68.5	12 200	48.0
50.0													10.5	52.5	13 900	28.7	62.2	12 700	39.1	66.2	11 500	50.0
52.0																21.1	57.8	11 900	33.8	63.4	10 800	52.0
54.0																			27.5	60.0	10 200	54.0
56.0																			19.4	55.2	9 600	56.0

Liftcrane Luffing Jib Capacities

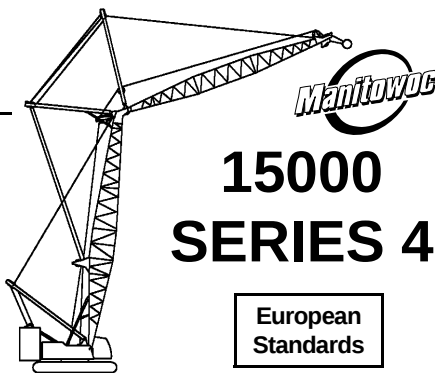
Luffing Jib No. 149A On Boom No. 57
107 680 kg Crane Counterweight
52 160 kg Carbody Counterweight
360 Degree Rating

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.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	
15.2	73.8	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	38 800													22.0
24.0	59.9	82.0	29 000*	62.5	82.8	34 200*	66.4	83.7	36 600													24.0
26.0	56.5	80.7	26 500*	59.2	81.7	31 500*	63.1	82.7	33 700	66.9	83.5	32 100										26.0
28.0	52.9	79.3	24 300*	55.8	80.4	29 000*	59.8	81.6	31 300	63.7	82.5	29 800										28.0
30.0	49.2	77.7	22 300*	52.2	78.9	26 700*	56.4	80.3	29 100	60.4	81.4	27 700										30.0
32.0	45.2	75.8	20 500*	48.4	77.2	24 400*	52.8	78.9	27 200	57.0	80.2	25 900										32.0
34.0	40.9	73.6	18 900*	44.3	75.2	22 500*	49.1	77.2	25 200*	53.5	78.8	24 300	60.2	80.4	22 200							34.0
36.0	36.2	71.0	17 500*	40.0	73.0	20 600*	45.1	75.3	23 400*	49.8	77.2	22 800	56.8	79.2	20 900							36.0
38.0	30.9	67.9	16 200*	35.2	70.3	19 000*	40.8	73.2	21 800*	45.8	75.3	21 500	53.2	77.8	19 600							38.0
40.0	24.6	64.0	15 300*	29.7	67.1	17 700*	36.1	70.6	20 400*	41.6	73.2	20 300	49.5	76.1	18 500	56.4	77.8	16 900				40.0
42.0	16.0	58.5	14 400*	23.0	63.0	16 600*	30.8	67.5	19 100*	37.0	70.7	19 200	45.5	74.2	17 500	52.8	76.3	15 900				42.0
44.0				13.5	56.7	14 700*	24.4	63.6	17 900*	31.8	67.7	18 000	41.3	72.1	16 500	49.0	74.7	15 000				44.0
46.0							15.7	57.9	15 700*	25.6	64.0	17 000	36.6	69.6	15 600	45.1	72.8	14 200	52.1	74.5	12 800	46.0
48.0										17.5	58.7	15 900	31.4	66.5	14 600	40.8	70.6	13 300	48.4	72.8	12 000	48.0
50.0													25.1	62.7	13 800	36.0	68.0	12 500	44.3	70.8	11 300	50.0
52.0													16.8	57.4	13 000	30.7	64.9	11 800	40.0	68.6	10 600	52.0
54.0																24.3	61.0	11 100	35.2	65.9	10 000	54.0
56.0																15.6	55.3	10 500	29.7	62.7	9 400	56.0
58.0																			23.0	58.5	8 900	58.0
60.0																			13.5	52.3	8 300	60.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A On Boom No. 57
107 680 kg Crane Counterweight
52 160 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

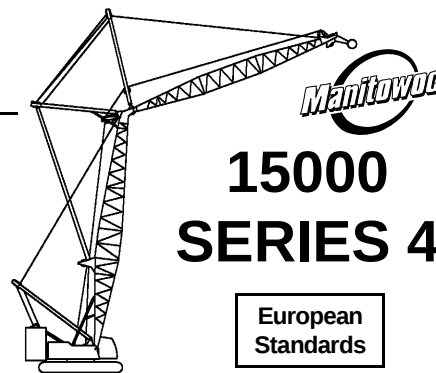
45.5m (149 Ft.) Boom, 42.7m (140 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	
15.2	75.0	89.0	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	35 300													24.0
26.0	59.2	84.4	25 700*	61.6	85.2	30 300*	65.2	86.1	33 000													26.0
28.0	56.0	83.1	23 600*	58.5	84.0	28 100*	62.2	85.1	30 600	65.7	85.9	29 200										28.0
30.0	52.6	81.6	21 800*	55.3	82.7	25 900*	59.1	84.0	28 500	62.7	84.9	27 100										30.0
32.0	49.2	79.9	20 000*	51.9	81.2	23 900*	55.9	82.7	26 700	59.7	83.8	25 300										32.0
34.0	45.5	78.1	18 500*	48.4	79.5	22 000*	52.6	81.2	24 900*	56.5	82.5	23 700										34.0
36.0	41.5	75.9	17 100*	44.7	77.6	20 300*	49.1	79.5	23 100*	53.2	81.1	22 300	59.4	82.8	20 400							36.0
38.0	37.3	73.4	15 800*	40.7	75.3	18 800*	45.4	77.7	21 500*	49.7	79.5	21 000	56.2	81.5	19 100							38.0
40.0	32.5	70.5	14 800*	36.3	72.8	17 300*	41.4	75.5	20 100*	46.0	77.6	19 800	52.9	80.1	18 000							40.0
42.0	27.0	66.9	13 900*	31.4	69.7	16 100*	37.1	73.0	18 800*	42.2	75.5	18 700	49.5	78.4	17 000	55.9	80.1	15 400				42.0
44.0	20.1	62.2	13 300*	25.7	66.0	15 100*	32.4	70.1	17 600*	37.9	73.1	17 700	45.8	76.6	16 100	52.5	78.6	14 500				44.0
46.0				18.4	60.9	14 300*	26.8	66.5	16 500*	33.3	70.2	16 700	41.9	74.4	15 300	49.0	77.0	13 800				46.0
48.0							19.9	61.7	15 200*	27.9	66.8	15 700	37.6	72.0	14 400	45.3	75.1	13 000				48.0
50.0							8.6	53.6	12 300*	21.3	62.3	14 800	32.9	69.1	13 500	41.4	72.9	12 200	48.4	75.1	10 900	50.0
52.0													27.5	65.6	12 800	37.1	70.4	11 500	44.7	73.2	10 300	52.0
54.0													20.8	61.0	12 000	32.3	67.5	10 800	40.7	70.9	9 700	54.0
56.0													10.4	53.6	11 300	26.8	63.9	10 200	36.3	68.4	9 100	56.0
58.0																19.9	59.1	9 600	31.4	65.3	8 600	58.0
60.0																			25.7	61.6	8 100	60.0
62.0																			18.4	56.5	7 600	62.0
64.0																			3.3	45.5	7 100	64.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A On Boom No. 57
107 680 kg Crane Counterweight
52 160 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	



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

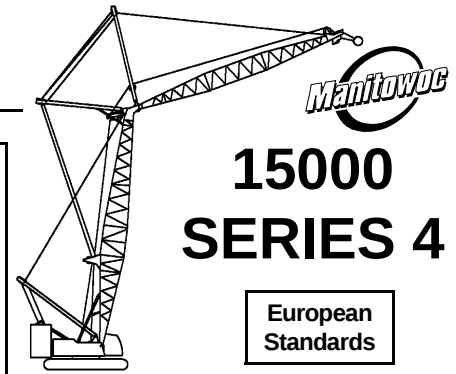
Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	
16.8	74.0	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	32 200													26.0
28.0	58.5	86.7	22 900*	60.8	87.6	27 100*	64.2	88.6	30 300													28.0
30.0	55.5	85.4	21 200*	57.9	86.3	25 200*	61.4	87.5	28 200	64.7	88.3	26 800										30.0
32.0	52.4	83.9	19 600*	54.9	85.0	23 400*	58.5	86.3	26 300	61.9	87.3	25 000										32.0
34.0	49.1	82.2	18 100*	51.7	83.5	21 600*	55.5	85.0	24 600	59.0	86.2	23 400										34.0
36.0	45.7	80.4	16 800*	48.5	81.8	20 000*	52.3	83.5	23 000*	56.0	84.8	22 000										36.0
38.0	42.1	78.3	15 600*	45.0	79.9	18 500*	49.1	81.8	21 400*	52.9	83.4	20 700	58.8	85.2	18 900							38.0
40.0	38.1	75.8	14 500*	41.3	77.7	17 200*	45.6	80.0	20 000*	49.7	81.8	19 500	55.8	83.8	17 800							40.0
42.0	33.8	73.1	13 500*	37.3	75.2	15 900*	42.0	77.8	18 700*	46.3	79.9	18 500	52.7	82.4	16 800							42.0
44.0	28.9	69.7	12 800*	32.9	72.3	14 800*	38.0	75.4	17 500*	42.6	77.8	17 500	49.4	80.7	15 900	55.4	82.4	14 300				44.0
46.0	23.1	65.5	12 100*	27.8	68.8	13 900*	33.7	72.6	16 500*	38.8	75.5	16 600	46.0	78.9	15 000	52.3	80.9	13 500				46.0
48.0	15.3	59.6	11 500*	21.7	64.4	13 200*	28.8	69.2	15 500*	34.5	72.7	15 700	42.4	76.8	14 200	49.0	79.3	12 800				48.0
50.0				13.1	57.8	11 700*	23.0	65.0	14 400*	29.7	69.5	14 800	38.5	74.4	13 500	45.6	77.4	12 100				50.0
52.0							15.1	59.1	12 500*	24.1	65.5	13 900	34.2	71.6	12 700	41.9	75.3	11 500	48.4	77.4	10 200	52.0
54.0										16.7	60.0	13 000	29.4	68.3	12 000	38.0	72.8	10 800	45.0	75.5	9 600	54.0
56.0													23.7	64.2	11 300	33.7	70.0	10 200	41.3	73.3	9 000	56.0
58.0													16.1	58.5	10 700	28.8	66.7	9 600	37.3	70.8	8 500	58.0
60.0																22.9	62.4	9 100	32.8	67.9	8 000	60.0
62.0																15.0	56.4	8 500	27.8	64.4	7 600	62.0
64.0																			21.7	60.0	7 100	64.0
66.0																			13.1	53.4	6 700	66.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A On Boom No. 57
107 680 kg Crane Counterweight
52 160 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



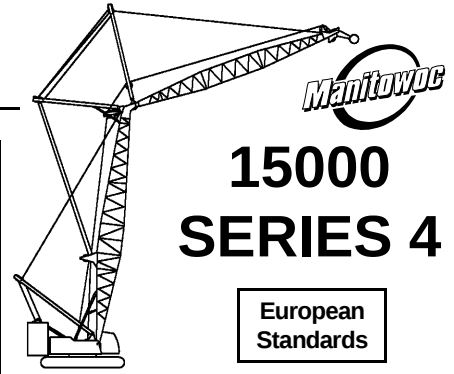
45.5m (149 Ft.) Boom, 48.8m (160 Ft.) Luffing Jib

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			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib 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	29 300*													26.0
28.0	60.7	90.3	22 100*	62.8	91.0	25 900*	65.9	91.9	29 100													28.0
30.0	58.0	89.1	20 500*	60.1	89.9	24 300*	63.3	91.0	27 700	66.4	91.7	26 300										30.0
32.0	55.1	87.7	19 000*	57.4	88.7	22 700*	60.6	89.9	25 800	63.8	90.7	24 500										32.0
34.0	52.2	86.2	17 700*	54.5	87.3	21 100*	57.9	88.7	24 200	61.1	89.7	22 900										34.0
36.0	49.1	84.6	16 500*	51.6	85.8	19 600*	55.1	87.3	22 600	58.4	88.5	21 500										36.0
38.0	45.9	82.7	15 300*	48.5	84.1	18 200*	52.1	85.8	21 100*	55.6	87.2	20 200	60.9	88.7	18 400							38.0
40.0	42.5	80.6	14 200*	45.2	82.2	16 900*	49.1	84.1	19 700*	52.7	85.7	19 100	58.2	87.5	17 300							40.0
42.0	38.9	78.2	13 300*	41.8	80.0	15 700*	45.9	82.3	18 400*	49.6	84.1	18 000	55.4	86.2	16 300							42.0
44.0	34.9	75.5	12 400*	38.1	77.6	14 700*	42.4	80.2	17 200*	46.4	82.2	17 100	52.4	84.7	15 400							44.0
46.0	30.5	72.4	11 700*	34.1	74.8	13 700*	38.8	77.8	16 200*	43.1	80.2	16 200	49.4	83.0	14 600	55.0	84.7	13 100				46.0
48.0	25.5	68.5	11 100*	29.6	71.5	12 800*	34.8	75.1	15 200*	39.5	77.9	15 300	46.2	81.2	13 800	52.1	83.2	12 400				48.0
50.0	19.1	63.5	10 700*	24.3	67.5	12 100*	30.4	71.9	14 300*	35.6	75.2	14 500	42.8	79.1	13 100	49.0	81.6	11 700				50.0
52.0				17.5	62.2	11 400*	25.3	68.1	13 500*	31.2	72.1	13 800	39.2	76.8	12 500	45.8	79.7	11 100	51.6	81.4	9 800	52.0
54.0							19.0	63.0	12 100*	26.3	68.4	13 000	35.3	74.1	11 700	42.4	77.6	10 500	48.5	79.7	9 300	54.0
56.0							8.8	54.7	9 800*	20.2	63.7	12 300	30.9	71.0	11 100	38.8	75.2	9 900	45.2	77.8	8 800	56.0
58.0													25.9	67.2	10 400	34.8	72.5	9 300	41.8	75.6	8 200	58.0
60.0													19.7	62.3	9 900	30.4	69.3	8 800	38.1	73.2	7 800	60.0
62.0													10.4	54.7	9 300	25.3	65.5	8 300	34.1	70.4	7 300	62.0
64.0																18.9	60.4	7 800	29.5	67.1	6 900	64.0
66.0																			24.3	63.1	6 500	66.0
68.0																			17.5	57.7	6 100	68.0
70.0																			4.9	47.2	5 700	70.0

Liftcrane Luffing Jib Capacities

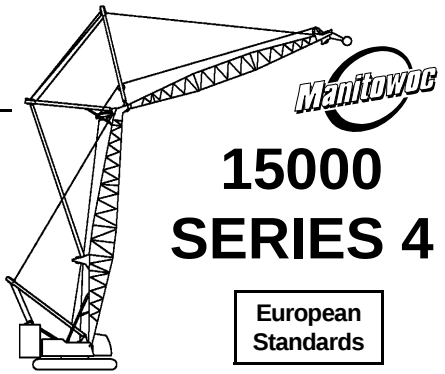
Luffing Jib No. 149A On Boom No. 57
107 680 kg Crane Counterweight
52 160 kg Carbody Counterweight
360 Degree Rating

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	26 400*										28.0
30.0	60.1	92.6	20 000*	62.1	93.4	23 500*	65.0	94.3	26 400*										30.0
32.0	57.5	91.4	18 700*	59.5	92.3	22 000*	62.5	93.3	25 400	65.4	94.1	24 000							32.0
34.0	54.8	90.0	17 400*	56.9	91.0	20 700*	60.0	92.2	23 700	63.0	93.2	22 500							34.0
36.0	52.0	88.5	16 200*	54.2	89.6	19 300*	57.4	91.0	22 300	60.4	92.1	21 100							36.0
38.0	49.1	86.8	15 100*	51.4	88.1	18 000*	54.7	89.6	21 000	57.9	90.8	19 800							38.0
40.0	46.1	85.0	14 100*	48.5	86.4	16 800*	51.9	88.1	19 500*	55.2	89.5	18 700	60.3	91.1	16 900				40.0
42.0	42.9	82.9	13 200*	45.5	84.5	15 600*	49.1	86.4	18 200*	52.4	88.0	17 600	57.7	89.8	16 000				42.0
44.0	39.6	80.6	12 300*	42.3	82.4	14 600*	46.0	84.6	17 100*	49.6	86.4	16 700	55.0	88.5	15 000				44.0
46.0	35.9	78.0	11 500*	38.8	80.0	13 700*	42.9	82.5	16 000*	46.6	84.5	15 800	52.2	87.0	14 200	57.4	88.4	12 700	46.0
48.0	31.9	75.0	10 900*	35.1	77.3	12 700*	39.5	80.2	15 100*	43.4	82.5	15 000	49.4	85.3	13 500	54.7	87.1	12 000	48.0
50.0	27.4	71.4	10 300*	31.0	74.2	12 000*	35.8	77.6	14 100*	40.1	80.2	14 200	46.4	83.5	12 800	51.9	85.5	11 400	50.0
52.0	22.0	66.9	9 900*	26.3	70.4	11 400*	31.8	74.5	13 300*	36.5	77.7	13 500	43.2	81.4	12 100	49.0	83.9	10 800	52.0
54.0	14.8	60.8	9 300*	20.7	65.7	10 700*	27.2	70.9	12 500*	32.5	74.7	12 800	39.8	79.2	11 500	46.0	82.0	10 200	54.0
56.0				12.8	58.9	9 200*	21.8	66.4	11 500*	28.1	71.2	12 100	36.2	76.6	10 900	42.8	79.9	9 700	56.0
58.0							14.6	60.2	9 900*	22.9	66.9	11 400	32.2	73.6	10 300	39.4	77.6	9 100	58.0
60.0										16.1	61.1	10 600	27.8	70.0	9 700	35.8	75.0	8 600	60.0
62.0													22.5	65.7	9 200	31.7	71.9	8 100	62.0
64.0													15.5	59.7	8 700	27.2	68.3	7 700	64.0
66.0																21.8	63.8	7 200	66.0
68.0																14.5	57.6	6 800	68.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A On Boom No. 57
107 680 kg Crane Counterweight
52 160 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		

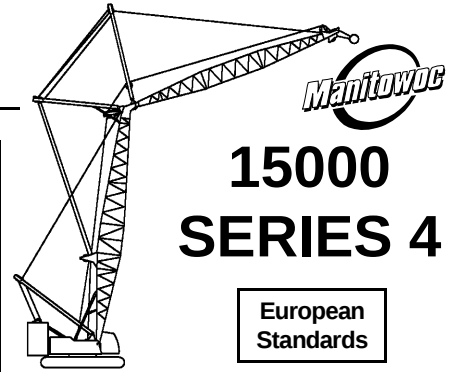
45.5m (149 Ft.) Boom, 54.9m (180 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
18.3	75.1	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	23 900*										30.0
32.0	59.5	95.0	18 100*	61.4	95.8	21 200*	64.2	96.8	23 900*	66.9	97.5	23 500							32.0
34.0	57.0	93.7	16 900*	59.0	94.6	19 900*	61.8	95.7	23 300	64.6	96.6	22 000							34.0
36.0	54.5	92.3	15 800*	56.5	93.3	18 700*	59.4	94.6	21 800	62.2	95.5	20 600							36.0
38.0	51.8	90.8	14 700*	53.9	91.9	17 600*	57.0	93.3	20 500	59.8	94.4	19 400							38.0
40.0	49.1	89.2	13 800*	51.3	90.4	16 400*	54.4	91.9	19 300*	57.4	93.2	18 200	62.1	94.6	16 500				40.0
42.0	46.3	87.3	12 900*	48.5	88.7	15 300*	51.8	90.4	17 900*	54.9	91.8	17 200	59.7	93.4	15 500				42.0
44.0	43.3	85.3	12 100*	45.7	86.8	14 400*	49.1	88.7	16 800*	52.3	90.3	16 200	57.2	92.2	14 600				44.0
46.0	40.1	83.0	11 300*	42.7	84.7	13 500*	46.2	86.9	15 700*	49.5	88.7	15 400	54.7	90.8	13 800				46.0
48.0	36.7	80.4	10 600*	39.4	82.4	12 600*	43.2	84.8	14 700*	46.7	86.8	14 600	52.1	89.3	13 100	56.9	90.8	11 600	48.0
50.0	33.0	77.5	10 100*	36.0	79.7	11 900*	40.1	82.6	13 900*	43.8	84.8	13 800	49.4	87.6	12 300	54.4	89.4	10 900	50.0
52.0	28.9	74.1	9 600*	32.2	76.7	11 100*	36.7	80.0	13 000*	40.6	82.6	13 100	46.5	85.8	11 700	51.8	87.8	10 300	52.0
54.0	24.2	70.1	9 100*	28.0	73.2	10 500*	33.0	77.1	12 300*	37.3	80.1	12 500	43.5	83.8	11 100	49.0	86.2	9 800	54.0
56.0	18.3	64.8	8 800*	23.1	69.0	10 000*	28.8	73.7	11 600*	33.6	77.2	11 900	40.4	81.5	10 500	46.2	84.3	9 300	56.0
58.0				16.9	63.4	8 900*	24.1	69.6	10 800*	29.6	73.9	11 200	37.0	79.0	10 000	43.2	82.3	8 800	58.0
60.0							18.2	64.3	9 500*	25.0	70.0	10 600	33.4	76.1	9 500	40.0	80.0	8 300	60.0
62.0							9.0	55.7	7 700*	19.3	65.0	9 900	29.3	72.8	9 000	36.6	77.4	7 900	62.0
64.0										11.2	57.4	8 500*	24.6	68.8	8 500	32.9	74.5	7 400	64.0
66.0													18.9	63.6	8 000	28.8	71.1	7 000	66.0
68.0													10.4	55.7	7 500	24.0	67.0	6 600	68.0
70.0																18.1	61.7	6 200	70.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A On Boom No. 57
107 680 kg Crane Counterweight
52 160 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

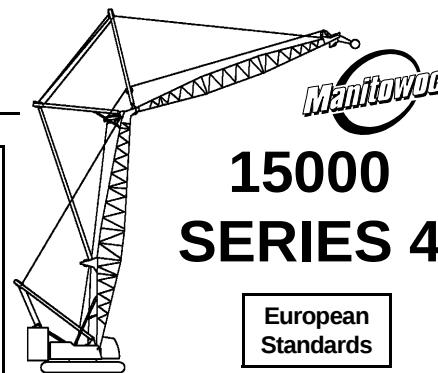
Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib 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	75.9	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	21 600*	66.0	99.9	21 700							34.0
36.0	56.6	96.1	15 300*	58.5	97.0	18 100*	61.2	98.1	21 300	63.8	99.0	20 300							36.0
38.0	54.2	94.7	14 400*	56.1	95.7	17 100*	58.9	96.9	20 300	61.6	97.9	19 100							38.0
40.0	51.7	93.1	13 500*	53.7	94.2	16 000*	56.5	95.7	19 000	59.3	96.8	17 900							40.0
42.0	49.1	91.4	12 600*	51.2	92.7	15 100*	54.1	94.3	17 800*	57.0	95.5	16 900	61.4	96.9	15 200				42.0
44.0	46.4	89.6	11 900*	48.6	91.0	14 100*	51.6	92.7	16 700*	54.6	94.1	16 000	59.1	95.8	14 400				44.0
46.0	43.6	87.6	11 100*	45.9	89.1	13 300*	49.1	91.0	15 600*	52.1	92.6	15 100	56.8	94.5	13 500				46.0
48.0	40.6	85.3	10 500*	43.0	87.0	12 400*	46.4	89.2	14 600*	49.5	91.0	14 400	54.4	93.1	12 800				48.0
50.0	37.5	82.8	9 900*	40.0	84.7	11 700*	43.5	87.2	13 700*	46.8	89.2	13 600	51.9	91.6	12 100	56.5	93.1	10 700	50.0
52.0	34.1	80.0	9 300*	36.8	82.2	11 000*	40.6	84.9	12 900*	44.0	87.2	12 900	49.3	89.9	11 500	54.1	91.7	10 100	52.0
54.0	30.3	76.8	8 900*	33.3	79.3	10 400*	37.4	82.4	12 100*	41.1	84.9	12 300	46.7	88.1	10 900	51.6	90.2	9 600	54.0
56.0	26.0	73.0	8 500*	29.5	76.0	9 900*	34.0	79.6	11 400*	38.0	82.5	11 700	43.8	86.1	10 400	49.0	88.5	9 100	56.0
58.0	21.0	68.3	8 100*	25.1	72.0	9 400*	30.2	76.3	10 700*	34.6	79.7	11 100	40.9	83.9	9 800	46.3	86.6	8 600	58.0
60.0	14.4	61.9	7 400*	19.8	67.1	8 600*	25.9	72.5	10 000*	30.9	76.6	10 500	37.7	81.4	9 300	43.5	84.6	8 100	60.0
62.0				12.5	60.0	7 200*	20.9	67.8	9 100*	26.7	72.9	10 000	34.3	78.6	8 900	40.5	82.3	7 700	62.0
64.0							14.2	61.3	7 800*	21.8	68.3	9 400	30.6	75.4	8 400	37.4	79.8	7 300	64.0
66.0										15.5	62.3	8 400*	26.4	71.7	7 900	33.9	77.0	6 900	66.0
68.0													21.5	67.1	7 500	30.2	73.8	6 500	68.0
70.0													15.0	60.9	7 000	25.9	69.9	6 100	70.0
72.0																20.8	65.2	5 700	72.0
74.0																14.1	58.7	5 400	74.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A On Boom No. 57
107 680 kg Crane Counterweight
52 160 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



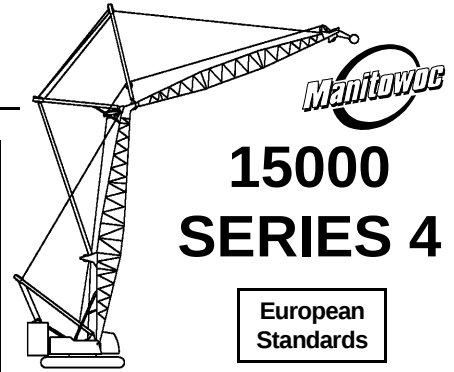
45.5m (149 Ft.) Boom, 61.0m (200 Ft.) Luffing Jib

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.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	
19.8	75.1	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	19 500*	67.3	103.2	20 700				34.0
36.0	58.5	99.7	14 800*	60.2	100.5	17 400*	62.8	101.6	19 500*	65.2	102.4	19 900				36.0
38.0	56.2	98.4	14 000*	58.0	99.3	16 500*	60.6	100.5	19 400*	63.1	101.4	18 600				38.0
40.0	53.9	97.0	13 100*	55.8	98.0	15 500*	58.4	99.3	18 600	61.0	100.3	17 500				40.0
42.0	51.6	95.4	12 300*	53.5	96.6	14 600*	56.2	98.0	17 500	58.8	99.1	16 500				42.0
44.0	49.1	93.7	11 600*	51.1	95.0	13 800*	53.9	96.6	16 300*	56.6	97.8	15 600	60.9	99.3	13 900	44.0
46.0	46.6	91.9	10 900*	48.6	93.3	13 000*	51.5	95.0	15 300*	54.3	96.4	14 700	58.7	98.1	13 100	46.0
48.0	43.9	89.9	10 300*	46.0	91.4	12 200*	49.1	93.3	14 300*	51.9	94.9	13 900	56.4	96.8	12 400	48.0
50.0	41.1	87.7	9 700*	43.3	89.4	11 500*	46.5	91.5	13 400*	49.5	93.3	13 200	54.1	95.4	11 700	50.0
52.0	38.1	85.2	9 200*	40.5	87.1	10 900*	43.8	89.5	12 600*	47.0	91.4	12 500	51.8	93.9	11 100	52.0
54.0	34.9	82.5	8 700*	37.5	84.6	10 200*	41.0	87.3	11 900*	44.3	89.5	11 900	49.3	92.2	10 500	54.0
56.0	31.5	79.4	8 200*	34.2	81.8	9 700*	38.0	84.8	11 200*	41.5	87.3	11 300	46.8	90.4	9 900	56.0
58.0	27.6	75.8	7 900*	30.7	78.6	9 100*	34.9	82.1	10 400*	38.6	84.9	10 800	44.1	88.4	9 500	58.0
60.0	23.2	71.5	7 600*	26.7	74.9	8 500*	31.4	79.0	9 800*	35.4	82.2	10 200	41.3	86.2	8 900	60.0
62.0	17.7	66.1	6 900*	22.1	70.4	7 900*	27.5	75.4	9 100*	32.0	79.2	9 700	38.4	83.8	8 500	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	9 200	35.2	81.1	8 100	64.0
66.0							17.5	65.5	7 400*	23.9	71.5	8 700*	31.8	78.0	7 700	66.0
68.0							9.1	56.8	6 000*	18.6	66.2	7 900*	27.9	74.5	7 200	68.0
70.0										11.1	58.5	6 600*	23.6	70.2	6 800	70.0
72.0													18.2	64.9	6 500	72.0
74.0													10.4	56.8	6 100	74.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A On Boom No. 57
107 680 kg Crane Counterweight
52 160 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

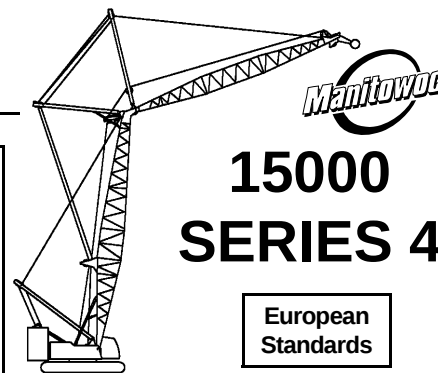
Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
19.8	75.9	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	18 800*				36.0
38.0	58.1	102.0	13 500*	59.7	102.9	15 800*	62.1	104.0	17 600*	64.5	104.8	18 200				38.0
40.0	55.9	100.7	12 700*	57.6	101.7	15 000*	60.1	102.8	17 500*	62.5	103.8	17 100				40.0
42.0	53.7	99.3	12 000*	55.5	100.3	14 200*	58.0	101.6	17 200*	60.5	102.7	16 100				42.0
44.0	51.4	97.7	11 300*	53.2	98.9	13 500*	55.9	100.3	16 100*	58.4	101.5	15 200				44.0
46.0	49.1	96.1	10 700*	51.0	97.3	12 700*	53.7	98.9	15 100*	56.2	100.2	14 400	60.3	101.7	12 800	46.0
48.0	46.7	94.2	10 100*	48.6	95.6	12 000*	51.4	97.3	14 100*	54.0	98.7	13 600	58.2	100.5	12 100	48.0
50.0	44.1	92.2	9 600*	46.2	93.7	11 300*	49.0	95.6	13 200*	51.8	97.2	12 900	56.1	99.2	11 400	50.0
52.0	41.5	90.0	9 000*	43.6	91.7	10 700*	46.6	93.8	12 400*	49.5	95.6	12 200	53.9	97.7	10 800	52.0
54.0	38.7	87.6	8 500*	40.9	89.5	10 100*	44.1	91.8	11 600*	47.1	93.7	11 600	51.6	96.2	10 200	54.0
56.0	35.7	85.0	8 100*	38.1	87.0	9 500*	41.4	89.6	10 900*	44.5	91.8	11 000	49.3	94.5	9 600	56.0
58.0	32.5	82.0	7 700*	35.1	84.3	8 900*	38.6	87.2	10 200*	41.9	89.6	10 400	46.9	92.7	9 100	58.0
60.0	28.9	78.6	7 300*	31.8	81.2	8 400*	35.6	84.5	9 500*	39.1	87.3	9 900	44.4	90.7	8 700	60.0
62.0	24.9	74.6	6 900*	28.2	77.7	7 800*	32.4	81.5	8 900*	36.2	84.6	9 500	41.7	88.6	8 200	62.0
64.0	20.2	69.7	6 400*	24.0	73.5	7 300*	28.9	78.1	8 300*	33.0	81.7	9 000	38.9	86.2	7 800	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	8 400*	36.0	83.5	7 400	66.0
68.0				12.3	61.1	5 400*	20.1	69.2	7 000*	25.6	74.5	7 900*	32.8	80.6	7 000	68.0
70.0							13.8	62.5	5 900*	21.0	69.7	7 400*	29.3	77.2	6 600	70.0
72.0										15.1	63.5	6 400*	25.3	73.2	6 300	72.0
74.0													20.6	68.4	5 900	74.0
76.0													14.6	62.0	5 600	76.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A On Boom No. 57
107 680 kg Crane Counterweight
52 160 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



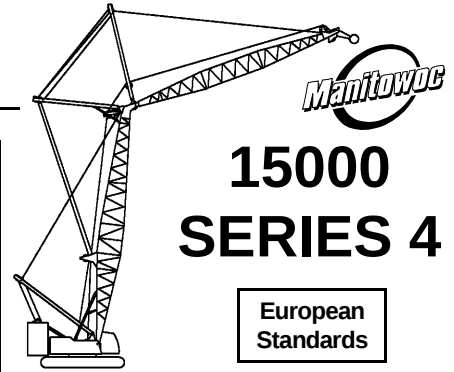
45.5m (149 Ft.) Boom, 67.1m (220 Ft.) Luffing Jib

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	17 000*	38.0
40.0	57.7	104.4	12 300*	59.3	105.2	14 400*	61.6	106.3	15 800*	63.9	107.2	16 800	40.0
42.0	55.6	103.0	11 600*	57.2	104.0	13 700*	59.6	105.2	15 700*	61.9	106.2	15 700	42.0
44.0	53.5	101.6	11 000*	55.2	102.6	13 000*	57.6	104.0	15 600*	60.0	105.0	14 800	44.0
46.0	51.3	100.0	10 400*	53.1	101.2	12 400*	55.6	102.6	14 800*	58.0	103.8	14 000	46.0
48.0	49.1	98.3	9 800*	50.9	99.6	11 700*	53.4	101.2	13 800*	55.9	102.5	13 200	48.0
50.0	46.8	96.5	9 300*	48.6	97.9	11 100*	51.3	99.6	12 900*	53.8	101.1	12 500	50.0
52.0	44.4	94.6	8 800*	46.3	96.0	10 500*	49.0	97.9	12 100*	51.7	99.5	11 800	52.0
54.0	41.9	92.4	8 400*	43.9	94.0	9 900*	46.7	96.1	11 400*	49.4	97.9	11 200	54.0
56.0	39.2	90.0	7 900*	41.3	91.8	9 200*	44.3	94.1	10 700*	47.1	96.1	10 600	56.0
58.0	36.4	87.4	7 500*	38.6	89.4	8 600*	41.8	92.0	9 900*	44.7	94.1	10 000	58.0
60.0	33.4	84.5	7 100*	35.8	86.7	8 100*	39.2	89.6	9 300*	42.3	92.0	9 600	60.0
62.0	30.1	81.2	6 600*	32.7	83.7	7 600*	36.3	87.0	8 700*	39.6	89.6	9 100	62.0
64.0	26.5	77.5	6 200*	29.4	80.4	7 100*	33.3	84.1	8 100*	36.8	87.1	8 600	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	8 200	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	7 600*	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	7 100*	70.0
72.0							17.0	66.8	5 600*	23.0	73.0	6 600*	72.0
74.0							9.2	57.9	4 400*	18.0	67.5	5 900*	74.0
76.0										11.0	59.6	4 900*	76.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A On Boom No. 57
107 680 kg Crane Counterweight
52 160 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

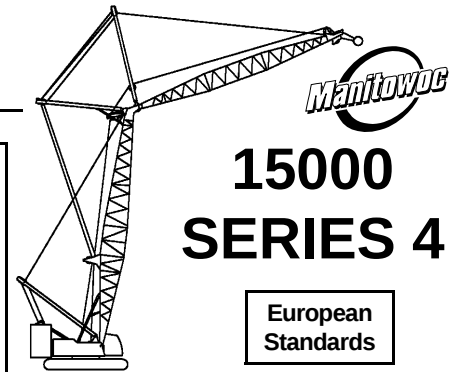
Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
21.3	75.8	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	14 900*	65.1	110.6	16 000	40.0
42.0	57.3	106.7	11 100*	58.8	107.6	13 000*	61.1	108.7	14 800*	63.3	109.6	15 500	42.0
44.0	55.3	105.4	10 500*	56.9	106.3	12 400*	59.2	107.6	14 700*	61.4	108.5	14 500	44.0
46.0	53.3	103.9	10 000*	54.9	105.0	11 800*	57.3	106.3	14 500*	59.5	107.4	13 700	46.0
48.0	51.2	102.3	9 500*	52.9	103.5	11 200*	55.3	105.0	13 600*	57.6	106.2	12 900	48.0
50.0	49.1	100.7	9 000*	50.8	101.9	10 600*	53.3	103.5	12 700*	55.6	104.8	12 200	50.0
52.0	46.9	98.8	8 500*	48.6	100.2	10 100*	51.2	101.9	11 900*	53.6	103.4	11 500	52.0
54.0	44.6	96.9	8 100*	46.4	98.3	9 600*	49.0	100.2	11 100*	51.6	101.8	10 900	54.0
56.0	42.2	94.7	7 700*	44.1	96.3	9 100*	46.8	98.4	10 500*	49.4	100.2	10 300	56.0
58.0	39.7	92.4	7 300*	41.7	94.2	8 500*	44.5	96.4	9 800*	47.2	98.4	9 800	58.0
60.0	37.0	89.8	6 900*	39.1	91.8	7 900*	42.1	94.3	9 100*	44.9	96.4	9 300	60.0
62.0	34.2	87.0	6 500*	36.5	89.2	7 400*	39.6	92.0	8 500*	42.6	94.3	8 800	62.0
64.0	31.1	83.8	6 000*	33.6	86.3	6 900*	37.0	89.4	7 900*	40.1	92.0	8 400	64.0
66.0	27.8	80.3	5 600*	30.5	83.0	6 400*	34.1	86.6	7 400*	37.4	89.5	8 000	66.0
68.0	24.0	76.1	5 200*	27.0	79.3	6 000*	31.1	83.4	6 800*	34.6	86.7	7 500*	68.0
70.0	19.5	71.0	4 800*	23.1	75.0	5 600*	27.7	79.8	6 400*	31.6	83.6	7 000*	70.0
72.0	13.7	64.2	3 900*	18.5	69.7	4 800*	23.9	75.6	5 900*	28.3	80.1	6 500*	72.0
74.0				12.1	62.2	3 800*	19.4	70.5	5 200*	24.6	76.0	6 000*	74.0
76.0							13.5	63.6	4 300*	20.3	71.1	5 600*	76.0
78.0										14.7	64.6	4 700*	78.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A On Boom No. 57
107 680 kg Crane Counterweight
52 160 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



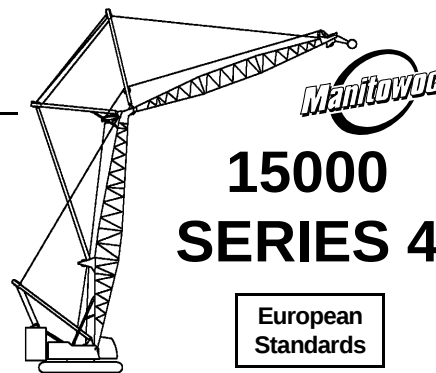
45.5m (149 Ft.) Boom, 73.2m (240 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
22.9	75.2	118.6	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*	66.2	113.9	14 500*	40.0
42.0	58.8	110.3	10 700*	60.3	111.2	12 400*	62.4	112.2	13 300*	64.5	113.0	14 400*	42.0
44.0	57.0	109.0	10 200*	58.4	109.9	11 900*	60.6	111.1	13 300*	62.7	112.0	14 100	44.0
46.0	55.1	107.7	9 600*	56.6	108.7	11 400*	58.8	109.9	13 200*	60.9	110.9	13 300	46.0
48.0	53.1	106.2	9 200*	54.7	107.3	10 800*	56.9	108.6	13 000*	59.1	109.7	12 500	48.0
50.0	51.1	104.6	8 700*	52.7	105.8	10 300*	55.0	107.3	12 500*	57.3	108.5	11 800	50.0
52.0	49.1	102.9	8 300*	50.7	104.2	9 800*	53.1	105.8	11 600*	55.4	107.1	11 200	52.0
54.0	47.0	101.1	7 800*	48.7	102.5	9 300*	51.1	104.2	10 900*	53.4	105.7	10 500	54.0
56.0	44.8	99.2	7 500*	46.5	100.6	8 800*	49.0	102.5	10 200*	51.4	104.1	10 000	56.0
58.0	42.5	97.1	7 100*	44.3	98.6	8 200*	46.9	100.7	9 500*	49.4	102.5	9 500	58.0
60.0	40.1	94.7	6 700*	42.0	96.5	7 600*	44.7	98.8	8 800*	47.3	100.7	8 900	60.0
62.0	37.6	92.2	6 200*	39.6	94.1	7 100*	42.4	96.6	8 200*	45.1	98.7	8 500	62.0
64.0	34.9	89.5	5 800*	37.1	91.6	6 600*	40.0	94.3	7 600*	42.8	96.6	8 000	64.0
66.0	32.1	86.4	5 300*	34.3	88.8	6 200*	37.5	91.8	7 100*	40.5	94.4	7 600	66.0
68.0	28.9	83.0	4 900*	31.4	85.6	5 700*	34.9	89.1	6 600*	38.0	91.9	7 200	68.0
70.0	25.5	79.1	4 500*	28.3	82.1	5 400*	32.0	86.0	6 100*	35.3	89.2	6 700*	70.0
72.0	21.5	74.4	4 200*	24.7	78.0	5 000*	28.9	82.5	5 700*	32.5	86.2	6 200*	72.0
74.0	16.6	68.5	3 600*	20.6	73.2	4 400*	25.4	78.6	5 300*	29.4	82.8	5 800*	74.0
76.0	9.6	59.7	2 600*	15.4	66.9	3 600*	21.4	73.9	4 800*	26.0	78.9	5 300*	76.0
78.0							16.5	68.0	4 000*	22.2	74.4	5 000*	78.0
80.0							9.3	59.0	3 000*	17.5	68.7	4 400*	80.0
82.0										10.9	60.7	3 500*	82.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A On Boom No. 57
107 680 kg Crane Counterweight
52 160 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	

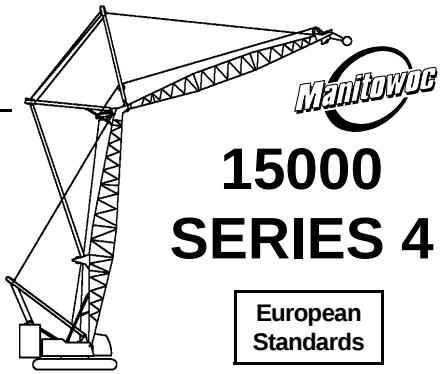


48.5m (159 Ft.) Boom, 21.3m (70 Ft.) Luffing Jib

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	58 000*b																16.0
18.0	49.7	66.9	47 300*	55.5	68.2	50 700*b																18.0
20.0	42.1	64.9	41 400*	48.6	66.6	44 600*	57.2	68.3	47 300b	65.0	69.3	45 200b										20.0
22.0	33.1	62.2	36 900*	40.8	64.5	39 800*	50.5	66.7	43 100	58.8	68.2	41 200b										22.0
24.0	20.7	58.1	32 400*	31.4	61.6	35 800*	43.0	64.8	39 500	52.2	66.7	37 800										24.0
26.0							34.1	62.2	35 900*	44.9	64.9	34 900	59.2	67.3	32 200b							26.0
28.0							22.3	58.3	32 800*	36.5	62.5	32 400	52.6	65.9	29 900b							28.0
30.0										25.8	59.1	30 300	45.4	64.1	27 800							30.0
32.0													37.1	61.7	26 000	52.7	64.6	23 900				32.0
34.0													26.6	58.3	24 300	45.5	62.7	22 300				34.0
36.0																37.2	60.4	20 800				36.0
38.0																26.7	57.0	19 300	45.0	61.0	17 800	38.0
40.0																			36.6	58.6	16 600	40.0
42.0																			25.9	55.1	15 500	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	56 700*b																16.0
18.0	55.6	70.8	45 000*	60.3	71.8	50 500*b																18.0
20.0	49.6	69.2	40 700*	54.7	70.5	44 300*	61.8	71.8	46 400b													20.0
22.0	43.0	67.3	36 500*	48.6	68.8	39 500*	56.2	70.6	42 300	63.1	71.7	40 400b										22.0
24.0	35.4	64.7	33 000*	41.9	66.8	35 600*	50.3	69.0	38 900	57.7	70.5	37 000										24.0
26.0	25.9	61.2	29 800*	34.1	64.2	32 200*	43.8	67.1	35 600*	51.8	69.1	34 200										26.0
28.0				24.2	60.4	29 400*	36.3	64.7	32 600*	45.5	67.2	31 700	58.0	69.6	29 200							28.0
30.0							27.1	61.3	29 900*	38.3	64.9	29 600	52.2	68.2	27 200							30.0
32.0							12.6	55.5	27 600*	29.7	61.9	27 700	45.9	66.4	25 400							32.0
34.0													38.8	64.1	23 800	52.2	66.9	21 800				34.0
36.0													30.3	61.1	22 300	45.9	65.1	20 400				36.0
38.0													18.4	56.5	20 700	38.8	62.8	19 100				38.0
40.0																30.3	59.8	17 800	45.5	63.3	16 200	40.0
42.0																18.5	55.2	16 600	38.4	61.0	15 200	42.0
44.0																			29.8	57.9	14 200	44.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A On Boom No. 57
107 680 kg Crane Counterweight
52 160 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		

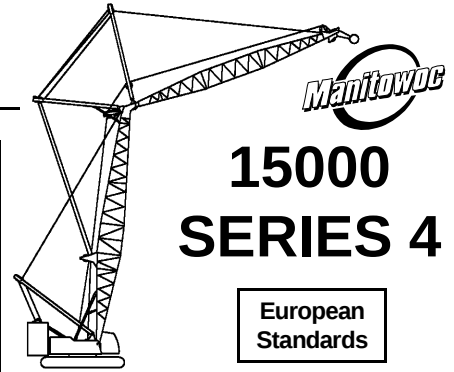
48.5m (159 Ft.) Boom, 27.4m (90 Ft.) Luffing Jib

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.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	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	69.9	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	53 700*b																16.0
18.0	59.9	74.5	42 300*	63.9	75.3	50 100*b																18.0
20.0	54.9	73.1	39 100*	59.1	74.2	44 100*	65.2	75.3	45 600b													20.0
22.0	49.5	71.5	35 300*	54.1	72.8	39 300*	60.4	74.2	41 600	66.3	75.1	39 700b										22.0
24.0	43.7	69.6	31 900*	48.7	71.2	35 400*	55.4	72.9	38 200	61.6	74.1	36 400										24.0
26.0	37.2	67.2	29 000*	42.8	69.2	32 100*	50.1	71.3	35 300	56.7	72.8	33 600										26.0
28.0	29.4	64.0	26 700*	36.1	66.6	29 300*	44.4	69.4	32 400*	51.5	71.3	31 200										28.0
30.0	18.8	59.4	24 600*	28.0	63.3	26 900*	37.9	67.1	29 800*	45.9	69.5	29 100	57.0	71.9	26 700							30.0
32.0				16.5	58.2	24 800*	30.3	64.0	27 500*	39.6	67.3	27 200	51.8	70.5	24 900							32.0
34.0							20.2	59.6	25 300*	32.4	64.5	25 500	46.2	68.7	23 400							34.0
36.0										23.1	60.5	24 000	40.0	66.5	21 900	51.9	69.2	20 000				36.0
38.0													32.8	63.7	20 600	46.3	67.4	18 800				38.0
40.0													23.8	59.8	19 200	40.1	65.2	17 600	51.6	67.4	16 000	40.0
42.0																32.9	62.4	16 500	45.9	65.6	15 000	42.0
44.0																23.9	58.6	15 400	39.7	63.4	14 000	44.0
46.0																			32.5	60.5	13 200	46.0
48.0																			23.3	56.6	12 400	48.0

Liftcrane Luffing Jib Capacities

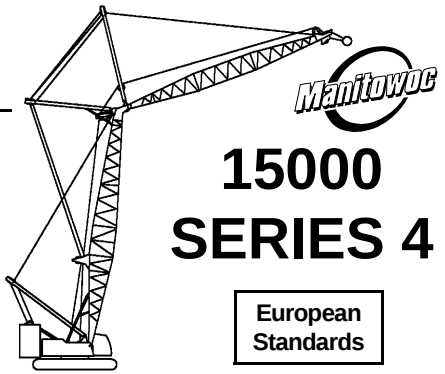
Luffing Jib No. 149A On Boom No. 57
107 680 kg Crane Counterweight
52 160 kg Carbody Counterweight
360 Degree Rating

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.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	
13.7	72.0	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	47 700*																18.0
20.0	58.9	76.8	37 500*	62.5	77.7	43 900*	67.8	78.6	44 800b													20.0
22.0	54.3	75.4	33 900*	58.2	76.5	39 100*	63.6	77.7	40 800													22.0
24.0	49.5	73.8	30 800*	53.6	75.1	35 100*	59.3	76.6	37 500	64.7	77.5	35 700										24.0
26.0	44.3	71.9	28 000*	48.7	73.5	31 800*	54.8	75.2	34 600	60.4	76.4	32 900										26.0
28.0	38.5	69.6	25 500*	43.4	71.5	29 000*	50.0	73.6	32 100	56.0	75.2	30 600										28.0
30.0	31.9	66.7	23 500*	37.5	69.1	26 600*	44.9	71.7	29 500*	51.3	73.7	28 500	60.7	75.5	26 100							30.0
32.0	23.6	62.7	22 000*	30.7	66.0	24 500*	39.2	69.5	27 200*	46.2	71.8	26 600	56.3	74.3	24 400							32.0
34.0				22.0	61.9	22 600*	32.6	66.6	25 200*	40.7	69.7	25 000	51.6	72.8	22 800							34.0
36.0							24.6	62.8	23 400*	34.4	67.0	23 500	46.5	71.0	21 400							36.0
38.0							12.1	56.5	20 900*	26.8	63.5	22 100	41.0	68.8	20 200	51.6	71.5	18 300				38.0
40.0													34.8	66.2	19 000	46.6	69.7	17 300				40.0
42.0													27.3	62.8	17 800	41.1	67.5	16 200				42.0
44.0													17.0	57.7	16 700	34.8	64.9	15 200	46.3	67.9	13 700	44.0
46.0																27.4	61.5	14 200	40.7	65.7	12 900	46.0
48.0																17.1	56.4	13 400	34.4	63.1	12 100	48.0
50.0																			26.9	59.6	11 300	50.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A On Boom No. 57
107 680 kg Crane Counterweight
52 160 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		

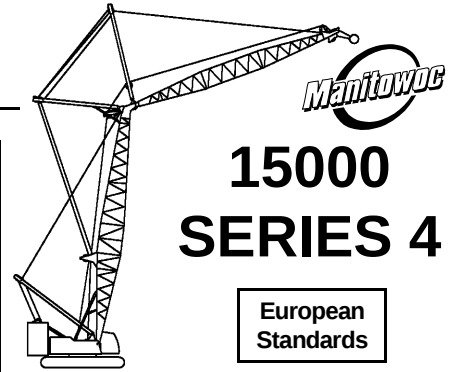
48.5m (159 Ft.) Boom, 33.5m (110 Ft.) Luffing Jib

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	44 200b													20.0
22.0	58.0	79.2	32 800*	61.4	80.1	38 600*	66.2	81.1	40 300													22.0
24.0	53.8	77.8	29 800*	57.4	78.8	35 100*	62.4	80.1	37 000													24.0
26.0	49.4	76.1	27 200*	53.2	77.4	31 700*	58.4	78.9	34 200	63.4	79.9	32 500										26.0
28.0	44.7	74.2	24 800*	48.7	75.8	29 000*	54.3	77.5	31 800	59.5	78.8	30 200										28.0
30.0	39.6	72.0	22 700*	44.0	73.8	26 500*	49.9	75.9	29 400	55.4	77.5	28 100										30.0
32.0	33.7	69.2	21 000*	38.7	71.5	24 400*	45.2	74.1	27 100*	51.1	75.9	26 300	59.7	77.9	24 000							32.0
34.0	26.8	65.7	19 600*	32.8	68.6	22 600*	40.1	71.8	25 100*	46.5	74.2	24 600	55.6	76.6	22 500							34.0
36.0	17.5	60.6	18 600*	25.6	64.9	21 000*	34.4	69.2	23 400*	41.5	72.0	23 200	51.3	75.1	21 100							36.0
38.0				15.5	59.4	19 100*	27.6	65.7	21 800*	35.9	69.5	21 900	46.7	73.3	19 900							38.0
40.0							18.7	60.9	20 200*	29.5	66.3	20 700	41.8	71.2	18 800	51.4	73.8	17 000				40.0
42.0										21.3	61.9	19 400	36.3	68.7	17 700	46.8	72.0	16 100				42.0
44.0													29.9	65.5	16 700	41.8	69.9	15 100				44.0
46.0													21.9	61.3	15 600	36.3	67.4	14 200	46.5	70.2	12 800	46.0
48.0																30.0	64.2	13 300	41.5	68.1	12 000	48.0
50.0																22.0	60.0	12 500	36.0	65.5	11 300	50.0
52.0																			29.6	62.3	10 600	52.0
54.0																			21.4	58.0	10 000	54.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A On Boom No. 57
107 680 kg Crane Counterweight
52 160 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

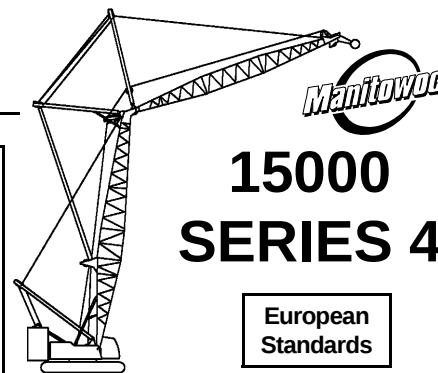
Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	
13.7	75.1	86.2	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	39 400													22.0
24.0	57.3	81.5	29 000*	60.4	82.4	34 200*	64.9	83.5	36 400													24.0
26.0	53.5	80.1	26 500*	56.7	81.2	31 500*	61.3	82.4	33 500	65.8	83.3	31 900										26.0
28.0	49.4	78.4	24 200*	52.8	79.7	28 700*	57.7	81.2	31 100	62.3	82.3	29 600										28.0
30.0	45.1	76.6	22 300*	48.8	78.1	26 300*	53.9	79.8	29 000	58.6	81.2	27 500										30.0
32.0	40.4	74.3	20 500*	44.4	76.1	24 200*	49.9	78.2	26 900	54.9	79.8	25 700	62.5	81.4	23 400							32.0
34.0	35.2	71.7	18 900*	39.7	73.9	22 400*	45.6	76.4	24 900*	50.9	78.3	24 100	58.8	80.2	22 000							34.0
36.0	29.3	68.5	17 700*	34.4	71.1	20 600*	40.9	74.2	23 100*	46.7	76.5	22 700	55.1	78.9	20 600							36.0
38.0	21.8	64.2	16 700*	28.2	67.8	19 200*	35.8	71.6	21 500*	42.2	74.4	21 400	51.1	77.4	19 400							38.0
40.0				20.4	63.2	18 000*	30.0	68.5	20 100*	37.2	71.9	20 200	46.9	75.6	18 300	55.1	77.6	16 500				40.0
42.0							22.7	64.3	18 800*	31.5	68.9	19 100	42.4	73.5	17 300	51.2	76.1	15 600				42.0
44.0							11.8	57.6	16 600*	24.8	65.1	18 000	37.5	71.1	16 400	47.0	74.3	14 700				44.0
46.0													31.9	68.1	15 400	42.5	72.2	13 900	50.9	74.3	12 500	46.0
48.0													25.2	64.4	14 500	37.5	69.8	13 100	46.7	72.5	11 700	48.0
50.0													16.0	58.9	13 600	31.9	66.8	12 300	42.2	70.4	11 000	50.0
52.0																25.3	63.1	11 600	37.2	68.0	10 300	52.0
54.0																16.1	57.6	10 900	31.6	65.0	9 700	54.0
56.0																			24.8	61.2	9 200	56.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A On Boom No. 57
107 680 kg Crane Counterweight
52 160 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



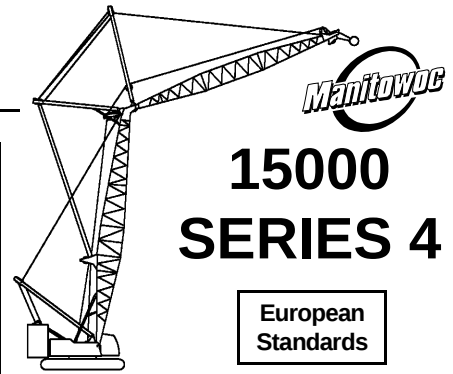
48.5m (159 Ft.) Boom, 39.6m (130 Ft.) Luffing Jib

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.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	
15.2	73.9	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	35 600													24.0
26.0	56.7	83.8	25 700*	59.6	84.8	30 400*	63.7	85.9	33 000	67.7	86.6	31 400										26.0
28.0	53.1	82.4	23 600*	56.1	83.5	28 100*	60.4	84.8	30 600	64.6	85.7	29 000										28.0
30.0	49.4	80.7	21 700*	52.5	82.0	25 900*	57.0	83.6	28 500	61.3	84.7	27 000										30.0
32.0	45.4	78.9	20 000*	48.8	80.4	23 800*	53.5	82.2	26 700	57.9	83.5	25 300										32.0
34.0	41.1	76.7	18 500*	44.8	78.4	21 900*	49.8	80.5	24 700*	54.4	82.1	23 700	61.5	83.8	21 500							34.0
36.0	36.5	74.2	17 100*	40.4	76.2	20 300*	45.8	78.7	22 900*	50.7	80.6	22 200	58.1	82.6	20 200							36.0
38.0	31.2	71.1	16 000*	35.7	73.6	18 700*	41.6	76.6	21 300*	46.9	78.8	21 000	54.6	81.2	19 000							38.0
40.0	24.9	67.3	15 100*	30.3	70.5	17 500*	37.0	74.1	19 900*	42.7	76.7	19 800	51.0	79.7	17 900							40.0
42.0	16.5	61.8	14 400*	23.8	66.4	16 400*	31.8	71.1	18 600*	38.2	74.3	18 700	47.1	77.9	16 900	54.7	79.9	15 200				42.0
44.0				14.8	60.6	15 000*	25.7	67.3	17 500*	33.2	71.5	17 800	43.0	75.9	16 000	51.0	78.4	14 400				44.0
46.0							17.6	62.2	16 300*	27.3	68.0	16 800	38.5	73.5	15 200	47.1	76.6	13 600				46.0
48.0										20.0	63.3	15 800	33.5	70.7	14 300	43.0	74.6	12 900	50.8	76.6	11 400	48.0
50.0													27.7	67.2	13 500	38.5	72.2	12 100	46.9	74.8	10 800	50.0
52.0													20.5	62.6	12 700	33.5	69.4	11 400	42.8	72.8	10 100	52.0
54.0																27.8	65.9	10 800	38.3	70.4	9 600	54.0
56.0																20.5	61.3	10 100	33.2	67.5	9 000	56.0
58.0																			27.4	64.0	8 500	58.0
60.0																			20.0	59.4	8 000	60.0

Liftcrane Luffing Jib Capacities

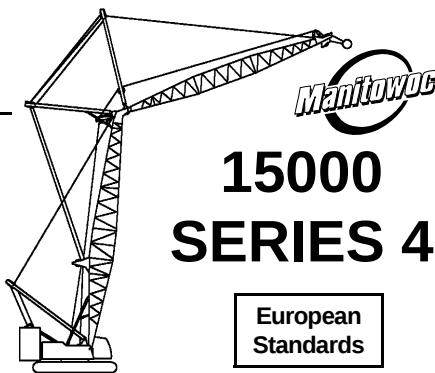
Luffing Jib No. 149A On Boom No. 57
107 680 kg Crane Counterweight
52 160 kg Carbody Counterweight
360 Degree Rating

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			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	
15.2	75.1	92.1	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	33 500*													24.0
26.0	59.3	87.4	24 800*	62.0	88.3	29 200*	65.8	89.3	32 400													26.0
28.0	56.1	86.1	22 900*	58.9	87.1	27 100*	62.8	88.3	30 000	66.5	89.1	28 500										28.0
30.0	52.8	84.7	21 100*	55.6	85.8	25 100*	59.7	87.2	27 900	63.5	88.1	26 500										30.0
32.0	49.3	83.0	19 500*	52.3	84.3	23 200*	56.5	85.9	26 100	60.5	87.1	24 700										32.0
34.0	45.7	81.2	18 000*	48.8	82.7	21 500*	53.2	84.5	24 400*	57.3	85.8	23 100										34.0
36.0	41.7	79.1	16 700*	45.1	80.7	19 800*	49.7	82.8	22 600*	54.0	84.4	21 700	60.6	86.2	19 700							36.0
38.0	37.5	76.6	15 600*	41.1	78.6	18 400*	46.1	81.0	21 000*	50.6	82.9	20 500	57.5	84.9	18 500							38.0
40.0	32.8	73.7	14 500*	36.8	76.1	17 100*	42.2	78.9	19 600*	47.0	81.1	19 300	54.2	83.5	17 400							40.0
42.0	27.3	70.2	13 700*	32.0	73.1	15 900*	38.0	76.5	18 300*	43.2	79.0	18 200	50.8	82.0	16 400							42.0
44.0	20.5	65.5	13 100*	26.4	69.4	15 000*	33.3	73.6	17 200*	39.1	76.7	17 300	47.2	80.2	15 500	54.3	82.2	13 900				44.0
46.0				19.3	64.5	14 100*	27.9	70.2	16 100*	34.5	74.0	16 400	43.4	78.2	14 700	50.9	80.7	13 100				46.0
48.0							21.4	65.7	15 200*	29.4	70.7	15 600	39.3	75.9	14 000	47.3	78.9	12 400				48.0
50.0							11.6	58.7	13 100*	23.2	66.6	14 600	34.8	73.2	13 200	43.5	76.9	11 700	50.7	78.9	10 400	50.0
52.0													29.7	69.9	12 500	39.4	74.6	11 100	47.1	77.1	9 800	52.0
54.0													23.6	65.9	11 700	34.9	71.9	10 500	43.2	75.1	9 200	54.0
56.0													15.3	60.0	11 100	29.7	68.7	9 900	39.1	72.8	8 700	56.0
58.0																23.7	64.6	9 300	34.6	70.0	8 200	58.0
60.0																15.4	58.8	8 800	29.4	66.8	7 700	60.0
62.0																			23.3	62.6	7 200	62.0
64.0																			14.8	56.7	6 800	64.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A On Boom No. 57
107 680 kg Crane Counterweight
52 160 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

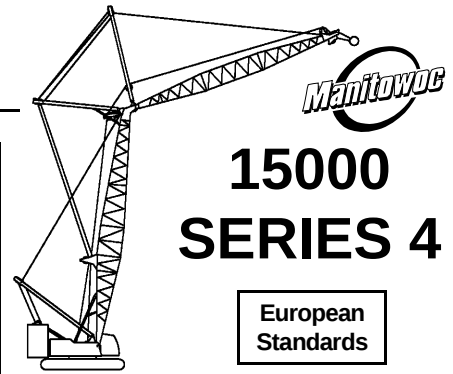
48.5m (159 Ft.) Boom, 45.7m (150 Ft.) Luffing Jib

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			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	
16.8	74.2	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	30 500													26.0
28.0	58.7	89.8	22 200*	61.1	90.7	26 100*	64.7	91.7	29 800													28.0
30.0	55.7	88.5	20 500*	58.2	89.5	24 300*	61.9	90.7	27 600	65.4	91.5	26 100										30.0
32.0	52.6	87.0	19 000*	55.2	88.1	22 600*	59.0	89.5	25 800	62.6	90.5	24 400										32.0
34.0	49.3	85.3	17 600*	52.1	86.6	21 000*	56.0	88.2	24 100	59.7	89.4	22 800										34.0
36.0	45.9	83.5	16 400*	48.8	85.0	19 500*	52.9	86.8	22 500*	56.8	88.2	21 400										36.0
38.0	42.3	81.4	15 200*	45.4	83.1	18 100*	49.7	85.1	20 900*	53.7	86.7	20 200	59.9	88.5	18 200							38.0
40.0	38.4	79.0	14 200*	41.7	80.9	16 800*	46.3	83.3	19 500*	50.5	85.2	19 000	57.0	87.3	17 200							40.0
42.0	34.1	76.2	13 300*	37.7	78.5	15 700*	42.7	81.2	18 300*	47.2	83.4	18 000	53.9	85.9	16 200							42.0
44.0	29.2	72.9	12 500*	33.3	75.6	14 600*	38.8	78.9	17 100*	43.6	81.4	17 100	50.7	84.3	15 300							44.0
46.0	23.5	68.8	11 900*	28.4	72.2	13 700*	34.5	76.1	16 000*	39.8	79.1	16 200	47.4	82.5	14 500	53.9	84.5	12 900				46.0
48.0	15.8	63.0	11 500*	22.4	67.9	13 000*	29.8	72.9	15 100*	35.7	76.4	15 300	43.8	80.5	13 700	50.7	83.0	12 200				48.0
50.0				14.3	61.7	11 900*	24.1	68.9	14 200*	31.0	73.4	14 600	40.0	78.3	13 100	47.4	81.2	11 600				50.0
52.0							16.8	63.4	13 000*	25.7	69.6	13 800	35.9	75.7	12 400	43.9	79.2	11 000	50.5	81.2	9 600	52.0
54.0										18.9	64.6	13 000	31.3	72.6	11 700	40.1	76.9	10 400	47.2	79.4	9 100	54.0
56.0													26.0	68.8	11 100	35.9	74.3	9 800	43.6	77.4	8 600	56.0
58.0													19.4	64.0	10 400	31.4	71.3	9 300	39.8	75.1	8 100	58.0
60.0																26.1	67.6	8 700	35.7	72.5	7 600	60.0
62.0																19.4	62.7	8 200	31.1	69.4	7 200	62.0
64.0																8.8	54.4	7 800	25.7	65.6	6 800	64.0
66.0																			19.0	60.7	6 300	66.0

Liftcrane Luffing Jib Capacities

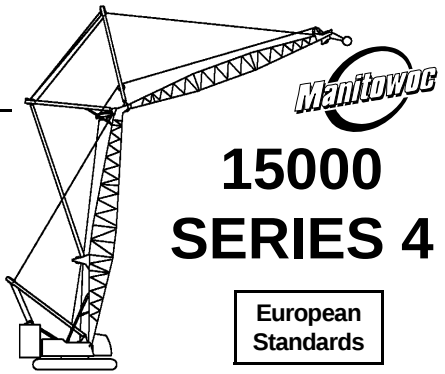
Luffing Jib No. 149A On Boom No. 57
107 680 kg Crane Counterweight
52 160 kg Carbody Counterweight
360 Degree Rating

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



Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A On Boom No. 57
107 680 kg Crane Counterweight
52 160 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		

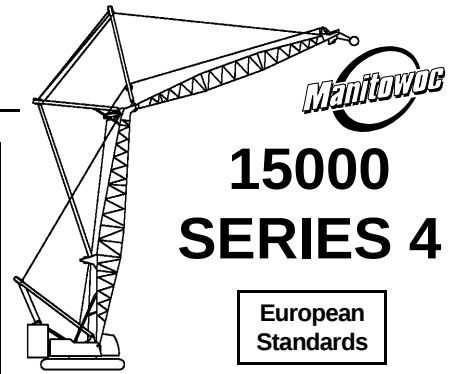
48.5m (159 Ft.) Boom, 51.8m (170 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
18.3	74.3	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	25 200*										28.0
30.0	60.2	95.7	19 400*	62.3	96.5	22 600*	65.5	97.5	25 200*										30.0
32.0	57.6	94.5	18 100*	59.8	95.4	21 300*	63.0	96.5	24 800	66.1	97.3	23 400							32.0
34.0	54.9	93.1	16 900*	57.2	94.2	20 000*	60.5	95.4	23 200	63.6	96.4	21 900							34.0
36.0	52.2	91.6	15 700*	54.5	92.8	18 700*	57.9	94.2	21 800	61.1	95.3	20 500							36.0
38.0	49.3	89.9	14 700*	51.7	91.2	17 500*	55.2	92.9	20 500	58.5	94.1	19 300							38.0
40.0	46.3	88.1	13 700*	48.8	89.6	16 300*	52.5	91.4	19 100*	55.9	92.8	18 200	61.3	94.4	16 300				40.0
42.0	43.1	86.1	12 900*	45.8	87.7	15 200*	49.6	89.7	17 800*	53.2	91.4	17 200	58.7	93.2	15 300				42.0
44.0	39.7	83.7	12 100*	42.6	85.6	14 300*	46.6	87.9	16 700*	50.3	89.8	16 200	56.1	91.9	14 500				44.0
46.0	36.1	81.1	11 300*	39.2	83.2	13 400*	43.5	85.9	15 600*	47.4	88.0	15 400	53.3	90.5	13 700				46.0
48.0	32.1	78.1	10 700*	35.5	80.6	12 600*	40.1	83.6	14 600*	44.3	86.0	14 600	50.5	88.9	13 000	56.1	90.6	11 400	48.0
50.0	27.6	74.6	10 200*	31.5	77.5	11 800*	36.5	81.0	13 800*	41.0	83.8	13 800	47.6	87.1	12 300	53.4	89.2	10 800	50.0
52.0	22.3	70.2	9 800*	26.8	73.9	11 200*	32.6	78.1	12 900*	37.4	81.3	13 200	44.5	85.2	11 600	50.5	87.6	10 200	52.0
54.0	15.2	64.2	9 300*	21.3	69.3	10 700*	28.1	74.6	12 200*	33.6	78.5	12 500	41.2	83.0	11 100	47.6	85.8	9 700	54.0
56.0				13.8	62.8	9 500*	22.9	70.3	11 500*	29.3	75.1	11 900	37.7	80.5	10 500	44.5	83.8	9 200	56.0
58.0							16.1	64.6	10 300*	24.3	71.1	11 300	33.8	77.7	10 000	41.2	81.7	8 700	58.0
60.0										18.1	65.8	10 600	29.6	74.4	9 500	37.7	79.2	8 200	60.0
62.0													24.6	70.4	9 000	33.9	76.4	7 800	62.0
64.0													18.5	65.2	8 400	29.6	73.1	7 300	64.0
66.0																24.7	69.1	6 900	66.0
68.0																18.6	64.0	6 500	68.0
70.0																9.0	55.5	6 100	70.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A On Boom No. 57
107 680 kg Crane Counterweight
52 160 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

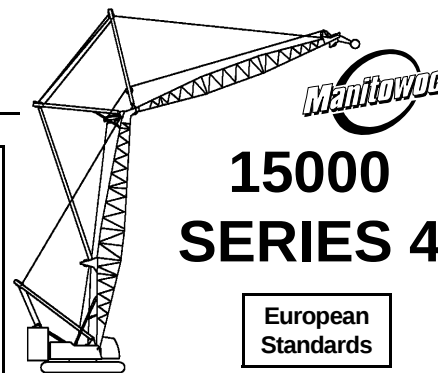
Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
18.3	75.2	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	22 900*										30.0
32.0	59.6	98.1	17 400*	61.6	98.9	20 400*	64.6	99.9	22 900*	67.5	100.7	22 900							32.0
34.0	57.1	96.8	16 300*	59.2	97.7	19 300*	62.3	98.9	22 600	65.2	99.8	21 400							34.0
36.0	54.6	95.4	15 300*	56.8	96.5	18 100*	59.9	97.8	21 400	62.9	98.8	20 100							36.0
38.0	52.0	93.9	14 300*	54.2	95.1	17 000*	57.4	96.6	20 100	60.5	97.7	18 800							38.0
40.0	49.3	92.2	13 400*	51.6	93.6	15 900*	54.9	95.2	18 800*	58.0	96.5	17 800							40.0
42.0	46.4	90.4	12 600*	48.8	91.9	15 000*	52.3	93.7	17 500*	55.5	95.1	16 700	60.6	96.8	14 900				42.0
44.0	43.5	88.4	11 800*	46.0	90.0	14 000*	49.6	92.0	16 300*	52.9	93.7	15 800	58.2	95.6	14 000				44.0
46.0	40.3	86.1	11 100*	43.0	87.9	13 100*	46.7	90.2	15 300*	50.3	92.1	14 900	55.7	94.2	13 300				46.0
48.0	36.9	83.6	10 500*	39.8	85.6	12 400*	43.8	88.2	14 300*	47.5	90.3	14 200	53.1	92.8	12 500				48.0
50.0	33.2	80.7	9 900*	36.4	83.0	11 600*	40.6	86.0	13 500*	44.5	88.3	13 400	50.4	91.2	11 900	55.7	92.9	10 300	50.0
52.0	29.2	77.3	9 400*	32.6	80.1	11 000*	37.3	83.5	12 700*	41.5	86.2	12 800	47.6	89.4	11 200	53.1	91.5	9 800	52.0
54.0	24.5	73.3	9 000*	28.5	76.6	10 400*	33.7	80.6	11 900*	38.2	83.7	12 100	44.7	87.5	10 700	50.4	89.9	9 300	54.0
56.0	18.7	68.1	8 700*	23.7	72.5	9 800*	29.6	77.3	11 200*	34.6	81.0	11 600	41.6	85.3	10 100	47.7	88.1	8 700	56.0
58.0				17.6	67.1	9 100*	25.0	73.4	10 600*	30.7	77.8	11 000	38.4	82.9	9 600	44.7	86.2	8 300	58.0
60.0							19.4	68.4	9 800*	26.3	74.0	10 500	34.8	80.2	9 100	41.7	84.0	7 800	60.0
62.0							11.3	60.9	8 200*	20.9	69.4	9 900	30.9	77.0	8 700	38.4	81.6	7 400	62.0
64.0										13.8	62.8	9 000	26.5	73.3	8 200	34.9	78.9	7 000	64.0
66.0													21.3	68.7	7 800	31.0	75.7	6 700	66.0
68.0													14.3	62.3	7 300	26.6	72.0	6 300	68.0
70.0																21.3	67.4	5 900	70.0
72.0																14.4	61.1	5 600	72.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A On Boom No. 57
107 680 kg Crane Counterweight
52 160 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



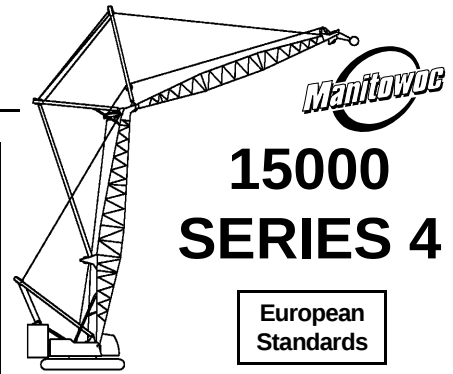
48.5m (159 Ft.) Boom, 57.9m (190 Ft.) Luffing Jib

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

Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A On Boom No. 57
107 680 kg Crane Counterweight
52 160 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

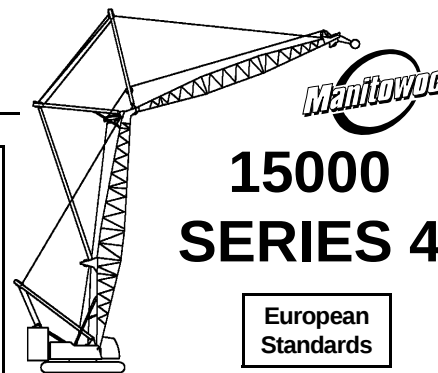
Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. 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	75.2	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	18 900*							34.0
36.0	58.6	102.7	14 300*	60.4	103.7	16 800*	63.1	104.7	18 800*	65.8	105.6	19 300				36.0
38.0	56.4	101.5	13 500*	58.3	102.4	15 900*	61.0	103.7	18 700*	63.7	104.6	18 100				38.0
40.0	54.1	100.1	12 700*	56.0	101.1	15 000*	58.8	102.5	18 300	61.6	103.5	17 000				40.0
42.0	51.7	98.5	12 000*	53.7	99.7	14 200*	56.6	101.2	17 100*	59.4	102.4	16 000				42.0
44.0	49.2	96.8	11 300*	51.3	98.2	13 400*	54.3	99.8	15 900*	57.2	101.1	15 100				44.0
46.0	46.7	95.0	10 600*	48.9	96.5	12 600*	51.9	98.3	14 900*	54.9	99.8	14 300	59.5	101.5	12 600	46.0
48.0	44.0	93.0	10 000*	46.3	94.6	11 900*	49.5	96.6	13 900*	52.6	98.3	13 500	57.3	100.2	11 900	48.0
50.0	41.2	90.8	9 500*	43.6	92.6	11 200*	47.0	94.8	13 100*	50.1	96.7	12 800	55.0	98.9	11 200	50.0
52.0	38.3	88.4	9 000*	40.8	90.3	10 600*	44.3	92.8	12 300*	47.6	94.9	12 100	52.7	97.4	10 600	52.0
54.0	35.1	85.7	8 500*	37.8	87.9	10 000*	41.5	90.7	11 500*	45.0	93.0	11 500	50.3	95.8	10 100	54.0
56.0	31.7	82.6	8 100*	34.6	85.1	9 400*	38.6	88.3	10 800*	42.3	90.8	11 000	47.8	94.0	9 500	56.0
58.0	27.8	79.0	7 700*	31.1	81.9	8 900*	35.5	85.6	10 200*	39.4	88.5	10 400	45.2	92.1	9 000	58.0
60.0	23.4	74.8	7 400*	27.2	78.3	8 300*	32.0	82.5	9 600*	36.3	85.9	9 900	42.4	90.0	8 500	60.0
62.0	18.0	69.4	6 900*	22.7	73.9	7 800*	28.3	79.0	9 000*	32.9	82.9	9 400	39.5	87.7	8 100	62.0
64.0	10.0	61.2	5 700*	17.0	68.3	7 100*	23.9	74.9	8 500*	29.3	79.6	9 000	36.5	85.1	7 700	64.0
66.0							18.7	69.7	7 700*	25.1	75.6	8 600	33.1	82.1	7 300	66.0
68.0							11.2	61.9	6 400*	20.1	70.7	8 100	29.5	78.8	6 900	68.0
70.0										13.5	63.9	7 100*	25.3	74.9	6 600	70.0
72.0													20.4	70.1	6 200	72.0
74.0													13.9	63.5	5 900	74.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A On Boom No. 57
107 680 kg Crane Counterweight
52 160 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



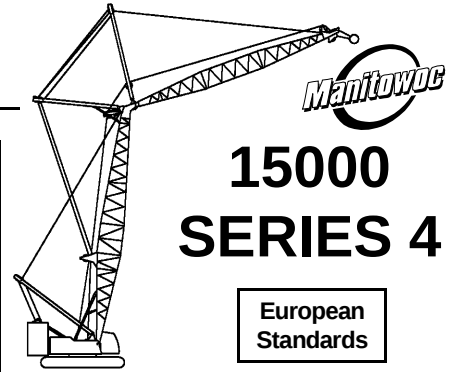
48.5m (159 Ft.) Boom, 64.0m (210 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	
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	18 200*	36.0
38.0	58.2	105.1	13 100*	59.9	106.0	15 300*	62.5	107.1	17 000*	65.0	108.0	17 700	38.0
40.0	56.0	103.8	12 300*	57.8	104.8	14 600*	60.5	106.0	16 900*	63.0	107.0	16 700	40.0
42.0	53.8	102.4	11 600*	55.7	103.5	13 800*	58.4	104.8	16 600*	61.0	105.9	15 700	42.0
44.0	51.6	100.8	11 000*	53.5	102.0	13 000*	56.3	103.5	15 700*	58.9	104.7	14 800	44.0
46.0	49.2	99.1	10 400*	51.2	100.5	12 300*	54.1	102.1	14 600*	56.8	103.5	13 900	46.0
48.0	46.8	97.3	9 800*	48.9	98.8	11 700*	51.8	100.6	13 700*	54.6	102.1	13 200	48.0
50.0	44.3	95.3	9 300*	46.4	96.9	11 000*	49.5	98.9	12 800*	52.4	100.6	12 500	50.0
52.0	41.6	93.2	8 800*	43.9	94.9	10 400*	47.1	97.1	12 000*	50.1	99.0	11 800	52.0
54.0	38.8	90.8	8 300*	41.2	92.7	9 800*	44.6	95.2	11 300*	47.7	97.2	11 200	54.0
56.0	35.9	88.1	7 900*	38.4	90.3	9 200*	41.9	93.0	10 600*	45.2	95.3	10 600	56.0
58.0	32.7	85.1	7 500*	35.4	87.6	8 600*	39.2	90.6	9 900*	42.6	93.2	10 100	58.0
60.0	29.1	81.7	7 200*	32.1	84.5	8 000*	36.2	88.0	9 400*	39.9	90.8	9 600	60.0
62.0	25.2	77.8	6 600*	28.6	81.1	7 500*	33.0	85.1	8 800*	37.0	88.3	9 100	62.0
64.0	20.5	73.0	6 200*	24.5	77.0	7 100*	29.5	81.7	8 300*	33.8	85.4	8 700	64.0
66.0	14.4	66.4	5 600*	19.7	72.0	6 600*	25.6	77.9	7 800*	30.5	82.2	8 300	66.0
68.0				13.2	65.0	5 600*	21.0	73.1	7 200*	26.7	78.5	7 900	68.0
70.0							15.2	66.9	6 200*	22.3	74.0	7 500	70.0
72.0										16.8	68.3	6 700*	72.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A On Boom No. 57
107 680 kg Crane Counterweight
52 160 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

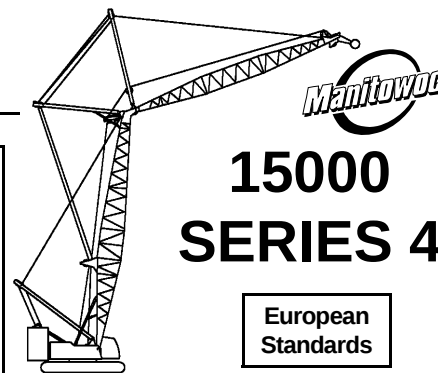
Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	
21.3	75.3	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*	66.2	111.3	16 500*	38.0
40.0	57.8	107.4	11 900*	59.5	108.4	13 900*	61.9	109.5	15 300*	64.4	110.4	16 300	40.0
42.0	55.7	106.1	11 300*	57.5	107.1	13 300*	60.0	108.4	15 200*	62.4	109.4	15 300	42.0
44.0	53.6	104.7	10 700*	55.4	105.8	12 600*	58.0	107.2	15 100*	60.5	108.3	14 400	44.0
46.0	51.4	103.1	10 100*	53.3	104.3	12 000*	55.9	105.9	14 300*	58.5	107.1	13 500	46.0
48.0	49.2	101.4	9 500*	51.1	102.8	11 400*	53.8	104.4	13 400*	56.5	105.8	12 800	48.0
50.0	46.9	99.6	9 000*	48.9	101.1	10 800*	51.7	102.9	12 500*	54.4	104.4	12 100	50.0
52.0	44.5	97.7	8 600*	46.5	99.2	10 200*	49.5	101.2	11 700*	52.2	102.9	11 500	52.0
54.0	42.0	95.5	8 100*	44.1	97.2	9 600*	47.2	99.4	11 000*	50.0	101.3	10 800	54.0
56.0	39.4	93.2	7 700*	41.6	95.0	9 000*	44.8	97.5	10 300*	47.7	99.5	10 300	56.0
58.0	36.6	90.6	7 300*	38.9	92.7	8 400*	42.3	95.3	9 700*	45.4	97.6	9 700	58.0
60.0	33.6	87.7	6 900*	36.1	90.0	7 800*	39.6	93.0	9 100*	42.9	95.5	9 300	60.0
62.0	30.3	84.4	6 400*	33.1	87.1	7 300*	36.9	90.4	8 500*	40.3	93.2	8 800	62.0
64.0	26.7	80.7	5 900*	29.8	83.7	6 800*	33.9	87.6	8 000*	37.6	90.7	8 300	64.0
66.0	22.5	76.2	5 500*	26.1	79.9	6 400*	30.7	84.4	7 500*	34.7	87.9	7 900	66.0
68.0	17.4	70.6	5 100*	21.8	75.3	5 900*	27.1	80.7	7 100*	31.5	84.8	7 500	68.0
70.0	10.0	62.2	4 100*	16.5	69.5	5 300*	23.0	76.4	6 400*	28.0	81.3	7 100	70.0
72.0							18.0	70.9	5 700*	24.1	77.1	6 700*	72.0
74.0							11.1	63.0	4 700*	19.4	72.0	6 100*	74.0
76.0										13.2	65.0	5 300*	76.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A On Boom No. 57
107 680 kg Crane Counterweight
52 160 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



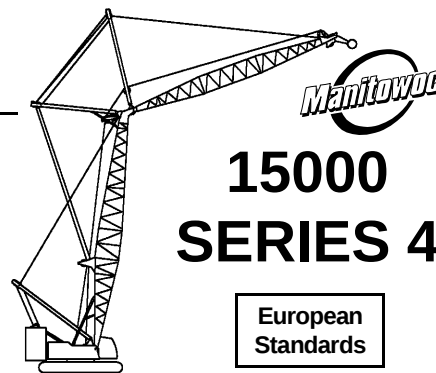
48.5m (159 Ft.) Boom, 70.1m (230 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	
21.3	75.9	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*	65.5	113.8	15 500	40.0
42.0	57.4	109.8	10 700*	59.0	110.7	12 600*	61.4	111.9	14 300*	63.7	112.8	15 000	42.0
44.0	55.4	108.4	10 200*	57.1	109.5	12 000*	59.5	110.8	14 200*	61.9	111.8	14 100	44.0
46.0	53.4	107.0	9 700*	55.1	108.1	11 400*	57.6	109.5	14 100*	60.0	110.7	13 300	46.0
48.0	51.3	105.4	9 200*	53.1	106.6	10 900*	55.6	108.2	13 200*	58.1	109.4	12 500	48.0
50.0	49.2	103.7	8 700*	51.0	105.1	10 300*	53.6	106.7	12 400*	56.1	108.1	11 800	50.0
52.0	47.0	101.9	8 300*	48.9	103.4	9 800*	51.6	105.2	11 500*	54.1	106.7	11 200	52.0
54.0	44.7	100.0	7 800*	46.7	101.5	9 300*	49.4	103.5	10 800*	52.1	105.2	10 600	54.0
56.0	42.3	97.8	7 400*	44.3	99.5	8 800*	47.2	101.7	10 100*	50.0	103.6	10 000	56.0
58.0	39.8	95.5	7 100*	41.9	97.4	8 200*	45.0	99.8	9 500*	47.8	101.8	9 500	58.0
60.0	37.2	93.0	6 700*	39.4	95.0	7 600*	42.6	97.7	8 900*	45.5	99.9	9 000	60.0
62.0	34.4	90.2	6 200*	36.7	92.4	7 100*	40.1	95.4	8 300*	43.2	97.8	8 500	62.0
64.0	31.3	87.0	5 800*	33.9	89.6	6 600*	37.5	92.9	7 800*	40.7	95.6	8 100	64.0
66.0	28.0	83.5	5 300*	30.8	86.4	6 200*	34.7	90.1	7 300*	38.1	93.1	7 700	66.0
68.0	24.2	79.3	4 900*	27.4	82.7	5 700*	31.6	87.0	6 900*	35.4	90.4	7 300	68.0
70.0	19.8	74.3	4 600*	23.6	78.5	5 400*	28.3	83.5	6 500*	32.4	87.4	6 900	70.0
72.0	14.1	67.6	4 000*	19.0	73.3	4 900*	24.6	79.4	6 000*	29.2	84.0	6 600	72.0
74.0				13.0	66.1	4 000*	20.3	74.5	5 400*	25.6	80.1	6 200*	74.0
76.0							14.8	68.0	4 500*	21.5	75.4	5 700*	76.0
78.0										16.4	69.5	5 000*	78.0

Liftcrane Luffing Jib Capacities

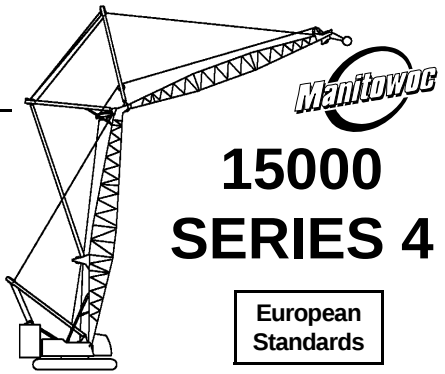
Luffing Jib No. 149A On Boom No. 57
107 680 kg Crane Counterweight
52 160 kg Carbody Counterweight
360 Degree Rating

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			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	75.3	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*	66.6	117.1	14 000*	40.0
42.0	58.9	113.4	10 300*	60.5	114.3	12 000*	62.7	115.4	13 000*	64.9	116.2	14 000*	42.0
44.0	57.1	112.1	9 800*	58.6	113.1	11 500*	60.9	114.3	12 900*	63.2	115.2	13 700	44.0
46.0	55.2	110.7	9 300*	56.8	111.8	10 900*	59.1	113.1	12 800*	61.4	114.2	12 900	46.0
48.0	53.2	109.3	8 900*	54.9	110.4	10 500*	57.3	111.9	12 700*	59.6	113.0	12 100	48.0
50.0	51.2	107.7	8 400*	52.9	108.9	10 000*	55.4	110.5	12 100*	57.7	111.8	11 400	50.0
52.0	49.2	106.0	8 000*	50.9	107.4	9 500*	53.4	109.1	11 300*	55.9	110.4	10 800	52.0
54.0	47.1	104.2	7 600*	48.9	105.7	9 000*	51.5	107.5	10 500*	53.9	109.0	10 200	54.0
56.0	44.9	102.3	7 200*	46.8	103.8	8 500*	49.4	105.8	9 800*	52.0	107.5	9 600	56.0
58.0	42.6	100.2	6 900*	44.5	101.8	7 900*	47.3	104.0	9 200*	49.9	105.9	9 100	58.0
60.0	40.2	97.9	6 500*	42.3	99.7	7 400*	45.1	102.1	8 600*	47.9	104.1	8 600	60.0
62.0	37.7	95.4	6 000*	39.9	97.4	6 900*	42.9	100.0	8 100*	45.7	102.2	8 200	62.0
64.0	35.1	92.6	5 500*	37.3	94.9	6 400*	40.5	97.7	7 600*	43.4	100.1	7 800	64.0
66.0	32.2	89.6	5 100*	34.6	92.1	5 900*	38.0	95.3	7 100*	41.1	97.9	7 300	66.0
68.0	29.1	86.2	4 700*	31.8	89.0	5 500*	35.4	92.6	6 600*	38.6	95.5	6 900	68.0
70.0	25.7	82.3	4 300*	28.6	85.5	5 100*	32.5	89.5	6 200*	36.0	92.8	6 600	70.0
72.0	21.7	77.7	4 000*	25.1	81.5	4 700*	29.5	86.2	5 800*	33.3	89.9	6 200	72.0
74.0	16.9	71.8	3 600*	21.1	76.7	4 400*	26.1	82.3	5 400*	30.3	86.7	5 900	74.0
76.0	10.1	63.3	2 800*	16.1	70.7	3 700*	22.2	77.8	4 900*	27.0	82.9	5 400*	76.0
78.0							17.5	72.2	4 200*	23.2	78.6	5 100*	78.0
80.0							11.0	64.1	3 300*	18.8	73.3	4 600*	80.0
82.0										13.0	66.1	3 800*	82.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A On Boom No. 57
107 680 kg Crane Counterweight
52 160 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	55 900*b																16.0
18.0	50.1	70.0	44 100*	56.2	71.3	50 000*b																18.0
20.0	42.5	68.1	39 800*	49.3	69.7	43 900*	58.4	71.5	46 300b													20.0
22.0	33.6	65.4	36 100*	41.7	67.7	39 100*	51.7	70.0	42 200b	60.5	71.4	40 200b										22.0
24.0	21.5	61.4	32 600*	32.5	64.9	35 200*	44.4	68.2	38 700	54.0	70.1	36 900										24.0
26.0							35.9	65.7	35 300*	46.9	68.4	34 100	61.6	70.6	31 200b							26.0
28.0							24.9	62.1	32 200*	38.9	66.2	31 600	55.3	69.3	28 900b							28.0
30.0										29.0	63.1	29 500	48.3	67.7	26 900							30.0
32.0										13.3	57.6	27 800	40.5	65.6	25 200	56.1	68.1	22 900b				32.0
34.0													31.0	62.7	23 600	49.3	66.6	21 500				34.0
36.0													17.3	58.0	22 100	41.6	64.5	20 200				36.0
38.0																32.4	61.7	18 800				38.0
40.0																			42.1	62.9	15 900	40.0
42.0																			33.1	60.2	14 900	42.0
44.0																			20.8	56.1	13 900	44.0

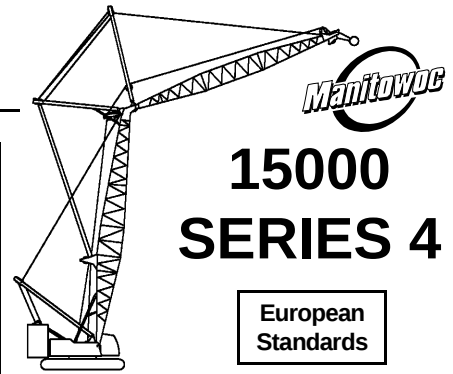
51.5m (169 Ft.) Boom, 24.4m (80 Ft.) Luffing Jib

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	52 600*b																16.0
18.0	55.9	73.9	41 600*	60.9	74.9	49 300*b																18.0
20.0	49.9	72.3	38 100*	55.3	73.6	43 600*	62.7	75.0	45 400b													20.0
22.0	43.4	70.4	34 400*	49.3	72.0	38 800*	57.3	73.8	41 400	64.5	74.9	39 400b										22.0
24.0	35.9	67.9	31 300*	42.7	70.0	34 900*	51.4	72.3	38 000	59.1	73.8	36 100										24.0
26.0	26.5	64.5	29 000*	35.0	67.5	31 700*	45.0	70.5	35 000*	53.4	72.4	33 400										26.0
28.0				25.4	63.9	28 900*	37.8	68.1	32 000*	47.2	70.7	31 000	60.1	73.0	28 300b							28.0
30.0							29.0	65.0	29 400*	40.3	68.5	28 900	54.5	71.7	26 300							30.0
32.0							16.3	60.0	27 100*	32.1	65.7	27 000	48.4	70.0	24 600							32.0
34.0										21.3	61.6	25 400	41.6	67.9	23 100	55.3	70.4	20 900				34.0
36.0													33.8	65.3	21 700	49.2	68.8	19 600				36.0
38.0													23.7	61.5	20 300	42.6	66.8	18 500				38.0
40.0																34.9	64.3	17 300	49.6	67.2	15 600	40.0
42.0																25.3	60.7	16 200	43.0	65.2	14 600	42.0
44.0																			35.5	62.7	13 700	44.0
46.0																			26.0	59.2	12 800	46.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A On Boom No. 57
107 680 kg Crane Counterweight
52 160 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

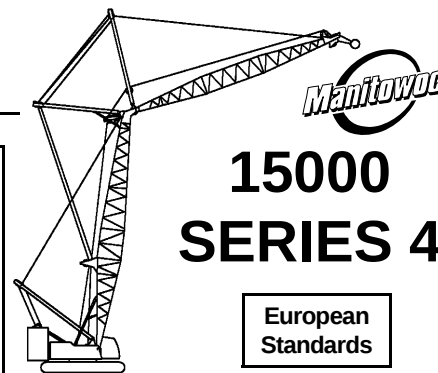
Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	
13.7	70.1	79.6	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	46 800*(b)																18.0
20.0	55.2	76.2	36 600*	59.7	77.3	43 100*	66.0	78.4	44 600b													20.0
22.0	49.8	74.6	33 200*	54.6	75.9	38 700*	61.3	77.4	40 800													22.0
24.0	44.0	72.7	30 000*	49.3	74.3	34 800*	56.4	76.1	37 400	62.9	77.3	35 600										24.0
26.0	37.5	70.3	27 400*	43.4	72.4	31 500*	51.1	74.6	34 600	58.0	76.1	32 800										26.0
28.0	29.8	67.2	25 300*	36.8	69.9	28 700*	45.5	72.8	31 800*	52.9	74.7	30 400										28.0
30.0	19.5	62.7	23 800*	28.9	66.7	26 400*	39.2	70.5	29 200*	47.4	73.0	28 400	59.0	75.3	25 800							30.0
32.0				18.1	62.0	24 300*	31.8	67.6	26 900*	41.3	70.9	26 500	53.9	74.0	24 100							32.0
34.0							22.4	63.6	25 000*	34.4	68.2	24 900	48.5	72.3	22 600							34.0
36.0										25.9	64.7	23 500	42.5	70.3	21 200	54.6	72.8	19 200				36.0
38.0										12.6	58.7	22 100	35.8	67.8	20 000	49.2	71.2	18 100				38.0
40.0													27.6	64.4	18 900	43.4	69.2	17 000				40.0
42.0													15.9	59.2	17 700	36.7	66.7	16 000	49.6	69.5	14 400	42.0
44.0																28.8	63.5	15 000	43.7	67.6	13 500	44.0
46.0																			37.2	65.1	12 600	46.0
48.0																			29.4	62.0	11 900	48.0
50.0																			18.8	57.3	11 100	50.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A On Boom No. 57
107 680 kg Crane Counterweight
52 160 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



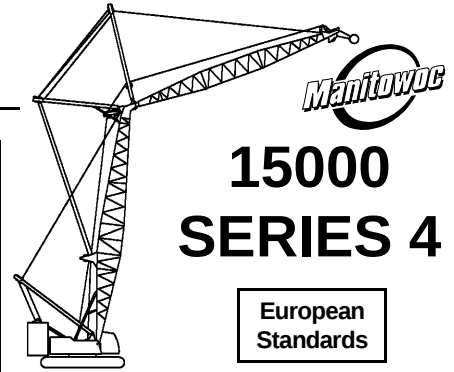
51.5m (169 Ft.) Boom, 30.5m (100 Ft.) Luffing Jib

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.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	
13.7	72.2	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	43 800b													20.0
22.0	54.6	78.5	31 900*	58.6	79.6	37 700*	64.4	80.8	40 000													22.0
24.0	49.8	76.9	29 000*	54.1	78.3	34 400*	60.1	79.7	36 700													24.0
26.0	44.6	75.0	26 500*	49.2	76.6	31 200*	55.7	78.5	33 900	61.6	79.7	32 100										26.0
28.0	38.8	72.7	24 200*	44.0	74.7	28 500*	50.9	76.9	31 400	57.2	78.5	29 800										28.0
30.0	32.2	69.8	22 400*	38.2	72.3	26 100*	45.8	75.1	28 900*	52.5	77.0	27 800										30.0
32.0	24.1	66.0	21 000*	31.5	69.4	24 000*	40.2	72.9	26 700*	47.6	75.3	25 900	58.0	77.7	23 500							32.0
34.0				23.1	65.4	22 200*	33.9	70.2	24 700*	42.2	73.2	24 400	53.4	76.3	22 100							34.0
36.0							26.2	66.6	23 000*	36.1	70.7	22 900	48.5	74.6	20 700							36.0
38.0							15.2	61.1	21 400*	29.0	67.5	21 600	43.2	72.6	19 500	54.0	75.1	17 500				38.0
40.0										19.5	62.9	20 500	37.3	70.2	18 400	49.2	73.4	16 500				40.0
42.0													30.4	67.1	17 400	43.9	71.5	15 600				42.0
44.0													21.6	62.9	16 300	38.1	69.2	14 700	49.5	71.8	13 100	44.0
46.0																31.4	66.2	13 800	44.3	69.9	12 300	46.0
48.0																23.0	62.2	13 000	38.5	67.5	11 600	48.0
50.0																			31.9	64.6	10 800	50.0
52.0																			23.6	60.7	10 200	52.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A On Boom No. 57
107 680 kg Crane Counterweight
52 160 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

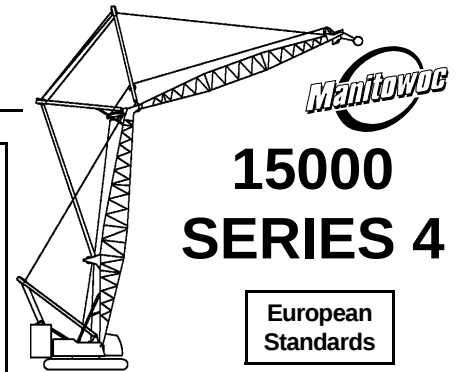
Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	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	73.8	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	40 800*(b)													20.0
22.0	58.2	82.2	31 000*	61.8	83.2	36 200*	66.9	84.2	39 800													22.0
24.0	54.1	80.8	28 200*	57.8	82.0	33 400*	63.1	83.2	36 200													24.0
26.0	49.7	79.2	25 800*	53.6	80.6	30 600*	59.2	82.1	33 500	64.4	83.1	31 700										26.0
28.0	45.0	77.3	23 600*	49.2	78.9	28 000*	55.1	80.8	31 100	60.5	82.1	29 400										28.0
30.0	39.8	75.1	21 700*	44.5	77.0	25 700*	50.7	79.2	28 900	56.4	80.8	27 400										30.0
32.0	34.1	72.4	20 000*	39.3	74.7	23 700*	46.1	77.4	26 700*	52.2	79.3	25 600	61.2	81.2	23 200							32.0
34.0	27.2	68.9	18 800*	33.4	71.9	21 800*	41.1	75.3	24 700*	47.7	77.6	24 000	57.2	80.0	21 800							34.0
36.0	18.1	64.0	17 900*	26.4	68.4	20 300*	35.5	72.7	23 000*	42.8	75.6	22 600	53.0	78.6	20 400							36.0
38.0				16.9	63.2	19 200*	29.0	69.4	21 400*	37.4	73.2	21 300	48.6	76.9	19 200							38.0
40.0							20.6	64.9	20 000*	31.3	70.2	20 200	43.8	74.9	18 200	53.6	77.4	16 300				40.0
42.0										23.7	66.2	19 100	38.5	72.6	17 200	49.2	75.7	15 300				42.0
44.0										12.2	59.8	17 900	32.5	69.7	16 300	44.4	73.8	14 500				44.0
46.0													25.3	66.0	15 300	39.2	71.5	13 800	49.5	74.1	12 200	46.0
48.0													15.0	60.4	14 400	33.4	68.7	12 900	44.7	72.2	11 500	48.0
50.0																26.4	65.2	12 200	39.6	69.9	10 800	50.0
52.0																			33.8	67.2	10 100	52.0
54.0																			26.9	63.7	9 600	54.0
56.0																			17.5	58.6	9 000	56.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A On Boom No. 57
107 680 kg Crane Counterweight
52 160 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



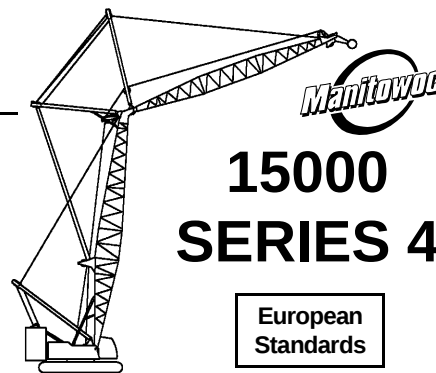
51.5m (169 Ft.) Boom, 36.6m (120 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	
13.7	75.2	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	37 200*													22.0
24.0	57.5	84.6	27 200*	60.8	85.5	32 000*	65.5	86.6	35 700													24.0
26.0	53.7	83.2	24 900*	57.1	84.3	29 500*	62.0	85.6	32 900	66.7	86.5	31 100										26.0
28.0	49.6	81.5	22 900*	53.3	82.9	27 200*	58.4	84.4	30 500	63.2	85.5	28 800										28.0
30.0	45.3	79.7	21 100*	49.2	81.2	25 000*	54.6	83.1	28 400	59.6	84.4	26 800										30.0
32.0	40.7	77.5	19 400*	44.9	79.3	23 000*	50.6	81.5	26 400	55.9	83.1	25 100										32.0
34.0	35.5	74.9	18 000*	40.2	77.1	21 300*	46.4	79.7	24 400*	51.9	81.6	23 500	60.3	83.6	21 200							34.0
36.0	29.6	71.7	16 800*	35.0	74.4	19 700*	41.8	77.6	22 600*	47.8	79.9	22 100	56.6	82.3	19 900							36.0
38.0	22.3	67.4	16 000*	28.9	71.2	18 300*	36.8	75.1	21 100*	43.4	77.9	20 800	52.7	80.9	18 700							38.0
40.0				21.4	66.8	17 300*	31.1	72.1	19 700*	38.5	75.6	19 700	48.6	79.2	17 700	57.1	81.1	15 800				40.0
42.0							24.2	68.2	18 400*	33.1	72.7	18 600	44.2	77.3	16 700	53.2	79.7	14 900				42.0
44.0							14.4	62.2	17 100*	26.7	69.2	17 700	39.5	75.0	15 800	49.2	78.1	14 000				44.0
46.0										18.3	64.2	16 700	34.2	72.3	15 000	44.8	76.2	13 300				46.0
48.0													28.0	68.9	14 200	40.1	73.9	12 600	49.4	76.4	11 100	48.0
50.0													20.1	64.2	13 300	34.9	71.2	11 900	45.1	74.5	10 500	50.0
52.0																28.9	68.0	11 200	40.4	72.3	9 800	52.0
54.0																21.3	63.6	10 500	35.3	69.7	9 300	54.0
56.0																			29.3	66.4	8 700	56.0
58.0																			21.9	62.1	8 200	58.0

Liftcrane Luffing Jib Capacities

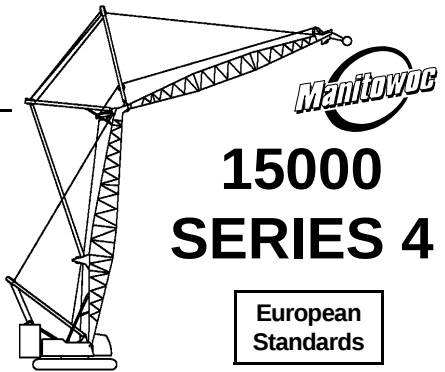
Luffing Jib No. 149A On Boom No. 57
107 680 kg Crane Counterweight
52 160 kg Carbody Counterweight
360 Degree Rating

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			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	
15.2	74.1	91.9	30 000*																			15.2
16.0	73.0	91.7	29 700*																			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	34 000*													24.0
26.0	56.9	86.9	24 100*	59.9	87.9	28 500*	64.3	89.1	32 300													26.0
28.0	53.3	85.5	22 200*	56.5	86.6	26 400*	61.1	88.0	30 000	65.4	88.9	28 300										28.0
30.0	49.6	83.8	20 500*	52.9	85.2	24 400*	57.7	86.8	27 900	62.2	87.9	26 400										30.0
32.0	45.6	82.0	19 000*	49.2	83.5	22 500*	54.2	85.4	26 100	58.8	86.8	24 600										32.0
34.0	41.4	79.8	17 500*	45.2	81.6	20 800*	50.5	83.8	24 100*	55.3	85.4	23 000										34.0
36.0	36.7	77.3	16 300*	40.9	79.5	19 300*	46.6	82.0	22 400*	51.7	83.9	21 700	59.4	86.0	19 500							36.0
38.0	31.5	74.3	15 200*	36.2	76.9	17 800*	42.4	79.9	20 900*	47.9	82.2	20 400	56.0	84.7	18 300							38.0
40.0	25.3	70.5	14 400*	30.9	73.8	16 700*	37.9	77.5	19 500*	43.8	80.2	19 300	52.4	83.2	17 300							40.0
42.0	17.1	65.2	13 900*	24.6	69.9	15 700*	32.8	74.7	18 300*	39.4	77.9	18 200	48.6	81.5	16 300	56.5	83.4	14 500				42.0
44.0				16.0	64.3	15 000*	26.9	71.1	17 100*	34.6	75.2	17 300	44.6	79.6	15 400	52.9	82.0	13 700				44.0
46.0							19.3	66.3	16 000*	29.0	71.9	16 400	40.3	77.4	14 600	49.1	80.3	12 900				46.0
48.0										22.1	67.6	15 600	35.5	74.7	13 900	45.2	78.5	12 300				48.0
50.0										11.9	60.8	14 600	30.1	71.6	13 200	40.9	76.3	11 600	49.4	78.7	10 100	50.0
52.0													23.5	67.5	12 400	36.2	73.7	11 000	45.4	76.8	9 600	52.0
54.0													14.4	61.5	11 700	30.9	70.6	10 400	41.2	74.7	9 100	54.0
56.0																24.5	66.7	9 800	36.5	72.1	8 500	56.0
58.0																			31.2	69.1	8 000	58.0
60.0																			25.0	65.2	7 600	60.0
62.0																			16.6	59.8	7 100	62.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A On Boom No. 57
107 680 kg Crane Counterweight
52 160 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		

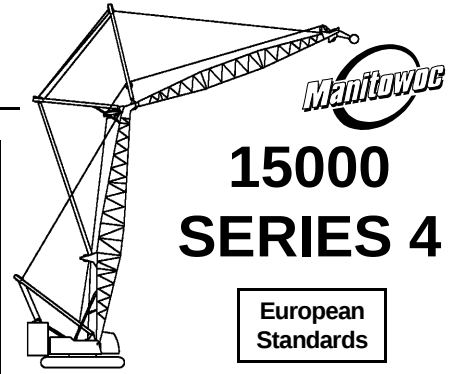
51.5m (169 Ft.) Boom, 42.7m (140 Ft.) Luffing Jib

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			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	
15.2	75.3	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	31 100*													24.0
26.0	59.5	90.5	23 300*	62.3	91.4	27 400*	66.3	92.4	31 000													26.0
28.0	56.3	89.2	21 500*	59.2	90.2	25 500*	63.3	91.5	29 500													28.0
30.0	53.0	87.8	19 900*	56.0	88.9	23 600*	60.2	90.4	27 400	64.3	91.4	25 800										30.0
32.0	49.5	86.1	18 400*	52.7	87.5	21 900*	57.1	89.1	25 600	61.3	90.3	24 100										32.0
34.0	45.9	84.3	17 100*	49.2	85.8	20 300*	53.8	87.7	23 800*	58.1	89.1	22 600										34.0
36.0	42.0	82.2	15 800*	45.5	84.0	18 800*	50.4	86.1	22 100*	54.9	87.8	21 200										36.0
38.0	37.7	79.7	14 700*	41.5	81.8	17 500*	46.8	84.3	20 600*	51.5	86.2	19 900	58.7	88.3	17 800							38.0
40.0	33.0	76.8	13 900*	37.3	79.3	16 300*	42.9	82.3	19 200*	48.0	84.5	18 800	55.5	87.0	16 800							40.0
42.0	27.6	73.3	13 100*	32.5	76.4	15 200*	38.8	79.9	17 900*	44.2	82.6	17 800	52.2	85.5	15 800							42.0
44.0	20.9	68.8	12 500*	27.0	72.8	14 300*	34.2	77.2	16 800*	40.2	80.3	16 800	48.7	83.8	15 000							44.0
46.0				20.1	68.1	13 600*	29.0	73.8	15 800*	35.8	77.7	16 000	44.9	81.9	14 200	52.6	84.3	12 500				46.0
48.0							22.7	69.6	14 800*	30.8	74.6	15 200	41.0	79.7	13 400	49.1	82.7	11 800				48.0
50.0							13.9	63.4	13 600*	24.9	70.7	14 400	36.6	77.2	12 700	45.4	80.8	11 100				50.0
52.0										17.3	65.4	13 600	31.8	74.2	12 100	41.5	78.6	10 600	49.4	81.0	9 100	52.0
54.0													26.1	70.5	11 500	37.2	76.1	10 000	45.7	79.1	8 600	54.0
56.0													19.0	65.5	10 800	32.5	73.2	9 500	41.8	77.0	8 200	56.0
58.0																26.9	69.6	9 000	37.5	74.5	7 700	58.0
60.0																20.1	64.9	8 500	32.8	71.6	7 300	60.0
62.0																			27.3	68.1	6 900	62.0
64.0																			20.6	63.5	6 400	64.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A On Boom No. 57
107 680 kg Crane Counterweight
52 160 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

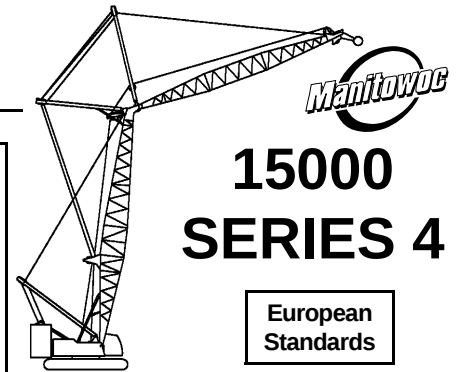
Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.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

Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A On Boom No. 57
107 680 kg Crane Counterweight
52 160 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



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SERIES 4**

European
Standards

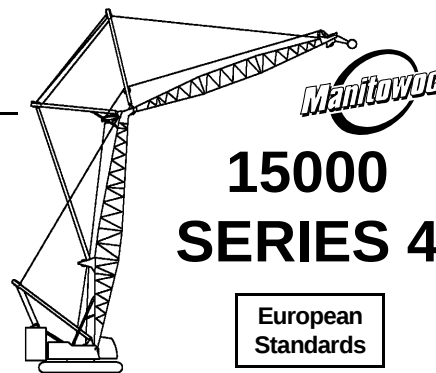
51.5m (169 Ft.) Boom, 48.8m (160 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
16.8	75.3	101.0	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	25 900*										28.0
30.0	58.3	95.2	18 800*	60.7	96.2	22 200*	64.3	97.3	25 800*										30.0
32.0	55.4	93.9	17 600*	58.0	94.9	20 800*	61.6	96.2	24 700	65.1	97.2	23 200							32.0
34.0	52.5	92.4	16 300*	55.1	93.6	19 400*	58.9	95.1	23 200	62.5	96.2	21 700							34.0
36.0	49.5	90.7	15 200*	52.2	92.1	18 100*	56.1	93.8	21 700	59.8	95.0	20 400							36.0
38.0	46.3	88.9	14 200*	49.1	90.4	16 900*	53.2	92.3	20 300*	57.0	93.8	19 200							38.0
40.0	42.9	86.8	13 300*	45.9	88.6	15 800*	50.2	90.7	18 900*	54.2	92.4	18 100	60.3	94.2	16 100				40.0
42.0	39.3	84.5	12 400*	42.5	86.5	14 700*	47.0	88.9	17 600*	51.2	90.8	17 100	57.6	93.0	15 100				42.0
44.0	35.4	81.8	11 700*	38.9	84.1	13 800*	43.7	86.9	16 500*	48.1	89.1	16 100	54.7	91.6	14 300				44.0
46.0	31.0	78.7	11 000*	34.9	81.4	12 900*	40.2	84.7	15 500*	44.8	87.2	15 300	51.8	90.1	13 500				46.0
48.0	26.0	75.0	10 500*	30.5	78.2	12 100*	36.3	82.1	14 500*	41.4	85.0	14 500	48.7	88.4	12 800	55.1	90.4	11 100	48.0
50.0	19.9	70.1	10 100*	25.5	74.4	11 500*	32.1	79.1	13 600*	37.6	82.6	13 800	45.5	86.5	12 100	52.2	88.9	10 500	50.0
52.0				19.1	69.4	11 000*	27.3	75.5	12 900*	33.6	79.7	13 100	42.0	84.4	11 500	49.1	87.2	10 000	52.0
54.0							21.5	71.0	12 100*	29.0	76.3	12 500	38.4	82.0	10 900	45.9	85.4	9 400	54.0
56.0							13.5	64.5	10 900*	23.6	72.2	11 900	34.4	79.2	10 400	42.5	83.3	8 900	56.0
58.0										16.6	66.6	11 200	29.9	76.0	9 900	38.9	80.9	8 500	58.0
60.0													24.7	72.0	9 400	34.9	78.2	8 000	60.0
62.0													18.1	66.8	8 900	30.5	75.1	7 600	62.0
64.0													6.7	57.3	8 300	25.4	71.2	7 200	64.0
66.0																19.1	66.2	6 800	66.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A On Boom No. 57
107 680 kg Crane Counterweight
52 160 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

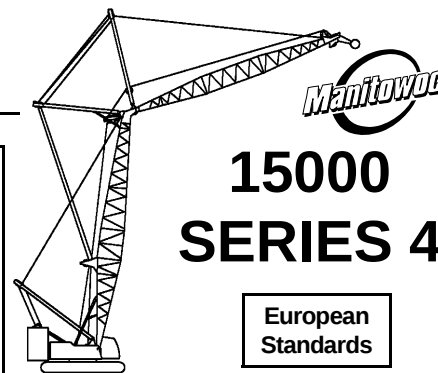
Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev.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

Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A On Boom No. 57
107 680 kg Crane Counterweight
52 160 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



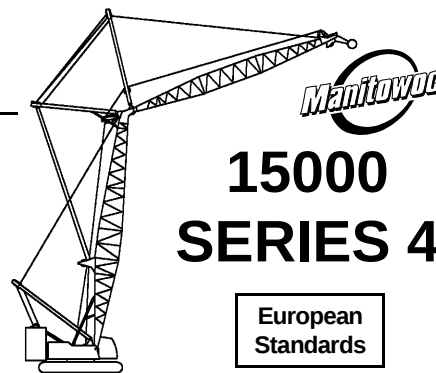
51.5m (169 Ft.) Boom, 54.9m (180 Ft.) Luffing Jib

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.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	
18.3	75.3	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	21 600*							32.0
34.0	57.3	99.9	15 400*	59.5	100.9	18 200*	62.7	102.1	21 500*	65.8	102.9	20 800				34.0
36.0	54.7	98.5	14 400*	57.0	99.6	17 100*	60.3	101.0	21 000	63.5	102.0	19 500				36.0
38.0	52.1	97.0	13 500*	54.5	98.2	16 100*	57.9	99.8	19 600	61.1	100.9	18 300				38.0
40.0	49.4	95.3	12 600*	51.9	96.7	15 100*	55.3	98.4	18 300*	58.7	99.7	17 300				40.0
42.0	46.6	93.5	11 900*	49.1	95.0	14 100*	52.8	96.9	17 100*	56.2	98.4	16 300	61.5	100.1	14 300	42.0
44.0	43.6	91.5	11 200*	46.3	93.2	13 300*	50.1	95.3	16 000*	53.6	97.0	15 400	59.1	98.9	13 500	44.0
46.0	40.5	89.2	10 500*	43.3	91.1	12 400*	47.3	93.5	14 900*	51.0	95.4	14 500	56.7	97.7	12 700	46.0
48.0	37.1	86.7	9 900*	40.1	88.9	11 700*	44.3	91.6	14 000*	48.2	93.7	13 800	54.1	96.3	12 000	48.0
50.0	33.5	83.8	9 400*	36.7	86.3	11 100*	41.2	89.4	13 100*	45.3	91.8	13 100	51.5	94.7	11 300	50.0
52.0	29.4	80.5	8 900*	33.1	83.4	10 400*	37.9	86.9	12 400*	42.3	89.7	12 400	48.7	93.0	10 700	52.0
54.0	24.7	76.5	8 500*	28.9	80.0	9 900*	34.3	84.1	11 600*	39.0	87.3	11 800	45.9	91.2	10 200	54.0
56.0	19.0	71.4	8 300*	24.2	75.9	9 400*	30.4	80.9	10 900*	35.6	84.7	11 200	42.9	89.1	9 700	56.0
58.0				18.3	70.7	8 900*	25.9	77.1	10 300*	31.8	81.6	10 700	39.7	86.8	9 200	58.0
60.0							20.5	72.4	9 700*	27.5	78.0	10 200	36.2	84.2	8 700	60.0
62.0							13.1	65.6	8 600*	22.4	73.7	9 700	32.5	81.2	8 300	62.0
64.0										16.0	67.8	9 200	28.3	77.7	7 900	64.0
66.0													23.5	73.5	7 500	66.0
68.0													17.4	68.0	7 100	68.0
70.0													7.2	58.5	6 700	70.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A On Boom No. 57
107 680 kg Crane Counterweight
52 160 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, 57.9m (190 Ft.) Luffing Jib

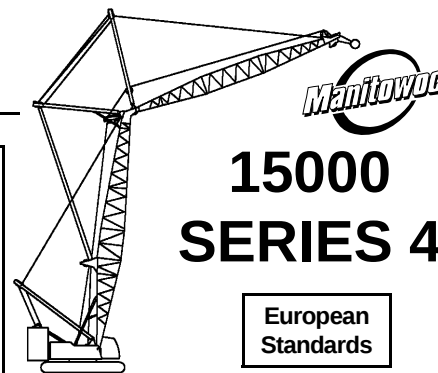
Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
19.8	74.6	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	19 700*	67.1	106.3	20 500				34.0
36.0	56.9	102.2	14 000*	59.0	103.2	16 500*	62.0	104.5	19 600*	65.0	105.4	19 200				36.0
38.0	54.4	100.8	13 100*	56.6	101.9	15 600*	59.7	103.3	19 300*	62.8	104.4	18 100				38.0
40.0	52.0	99.3	12 300*	54.2	100.5	14 700*	57.4	102.1	18 200*	60.5	103.3	17 000				40.0
42.0	49.4	97.6	11 600*	51.7	99.0	13 800*	55.0	100.7	16 900*	58.2	102.1	16 000				42.0
44.0	46.7	95.8	10 900*	49.1	97.3	13 000*	52.6	99.2	15 800*	55.8	100.8	15 100	60.9	102.5	13 200	44.0
46.0	43.9	93.8	10 300*	46.4	95.5	12 200*	50.0	97.6	14 800*	53.4	99.3	14 300	58.6	101.3	12 500	46.0
48.0	41.0	91.6	9 700*	43.6	93.5	11 500*	47.4	95.8	13 800*	50.9	97.7	13 500	56.3	100.0	11 800	48.0
50.0	37.8	89.1	9 100*	40.6	91.2	10 800*	44.6	93.9	13 000*	48.2	96.0	12 800	53.8	98.6	11 100	50.0
52.0	34.4	86.3	8 700*	37.5	88.7	10 200*	41.7	91.7	12 200*	45.5	94.1	12 200	51.3	97.0	10 600	52.0
54.0	30.7	83.2	8 200*	34.1	85.9	9 700*	38.6	89.3	11 500*	42.7	92.0	11 500	48.7	95.3	10 000	54.0
56.0	26.5	79.4	7 900*	30.3	82.7	9 200*	35.3	86.6	10 800*	39.6	89.7	11 000	46.0	93.5	9 400	56.0
58.0	21.6	74.9	7 600*	26.1	78.9	8 800*	31.6	83.5	10 200*	36.4	87.1	10 500	43.2	91.4	9 000	58.0
60.0	15.2	68.7	7 300*	21.0	74.2	8 300*	27.6	80.0	9 600*	32.9	84.2	10 000	40.2	89.1	8 500	60.0
62.0				14.4	67.8	7 500*	22.9	75.6	9 000*	29.0	80.8	9 500	37.0	86.6	8 100	62.0
64.0							16.9	70.0	8 300*	24.5	76.7	9 100	33.5	83.7	7 700	64.0
66.0										19.1	71.6	8 600	29.7	80.4	7 300	66.0
68.0										11.3	64.1	7 700	25.4	76.5	6 900	68.0
70.0													20.2	71.7	6 600	70.0
72.0													13.1	64.8	6 200	72.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A On Boom No. 57
107 680 kg Crane Counterweight
52 160 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



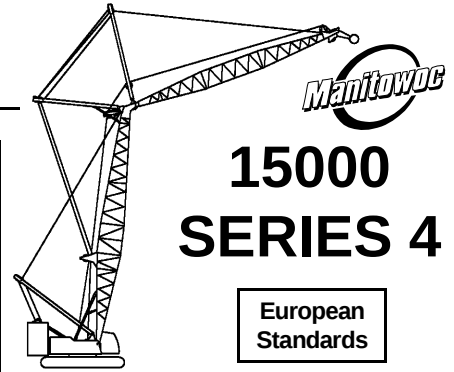
51.5m (169 Ft.) Boom, 61.0m (200 Ft.) Luffing Jib

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.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	
19.8	75.3	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	17 900*	66.3	108.7	18 700	36.0
38.0	56.5	104.5	12 700*	58.5	105.6	15 000*	61.4	106.8	17 800*	64.2	107.8	17 600	38.0
40.0	54.2	103.1	12 000*	56.2	104.3	14 200*	59.2	105.7	17 600*	62.1	106.8	16 500	40.0
42.0	51.8	101.6	11 300*	53.9	102.9	13 400*	57.0	104.4	16 700*	60.0	105.7	15 600	42.0
44.0	49.4	99.9	10 600*	51.6	101.3	12 600*	54.7	103.1	15 500*	57.8	104.4	14 700	44.0
46.0	46.8	98.1	10 000*	49.1	99.6	11 900*	52.4	101.6	14 500*	55.5	103.1	13 900	46.0
48.0	44.2	96.1	9 500*	46.6	97.8	11 300*	50.0	99.9	13 600*	53.2	101.6	13 100	48.0
50.0	41.4	93.9	9 000*	43.9	95.8	10 600*	47.4	98.2	12 700*	50.8	100.1	12 400	50.0
52.0	38.4	91.5	8 500*	41.1	93.6	10 000*	44.8	96.2	11 900*	48.3	98.3	11 800	52.0
54.0	35.3	88.8	8 000*	38.1	91.1	9 500*	42.1	94.1	11 200*	45.7	96.4	11 200	54.0
56.0	31.8	85.7	7 600*	34.9	88.4	9 000*	39.2	91.7	10 500*	43.0	94.4	10 600	56.0
58.0	28.0	82.2	7 300*	31.5	85.3	8 500*	36.0	89.1	9 900*	40.1	92.1	10 100	58.0
60.0	23.7	78.0	7 000*	27.6	81.7	8 100*	32.7	86.1	9 300*	37.1	89.5	9 600	60.0
62.0	18.3	72.7	6 700*	23.2	77.4	7 500*	29.0	82.7	8 700*	33.8	86.7	9 100	62.0
64.0	10.6	64.7	5 800*	17.7	71.9	7 000*	24.8	78.7	8 300*	30.2	83.4	8 700	64.0
66.0							19.7	73.7	7 700*	26.2	79.7	8 300	66.0
68.0							12.9	66.7	6 700*	21.5	75.1	7 900	68.0
70.0										15.5	68.9	7 400	70.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A On Boom No. 57
107 680 kg Crane Counterweight
52 160 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

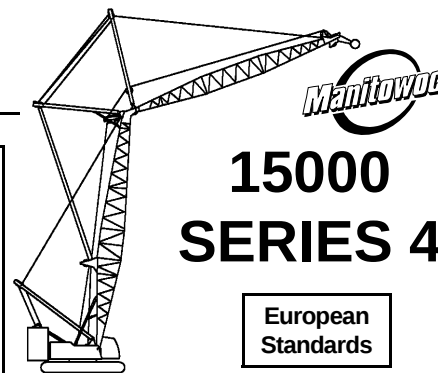
Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity 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	16 200*	65.5	111.2	17 200	38.0
40.0	56.1	106.8	11 600*	58.1	107.9	13 700*	60.9	109.2	16 200*	63.6	110.2	16 200	40.0
42.0	53.9	105.4	11 000*	55.9	106.6	13 000*	58.8	108.0	16 000*	61.5	109.2	15 200	42.0
44.0	51.7	103.9	10 300*	53.7	105.2	12 300*	56.6	106.8	15 300*	59.5	108.0	14 300	44.0
46.0	49.4	102.2	9 800*	51.4	103.6	11 700*	54.5	105.4	14 300*	57.4	106.8	13 500	46.0
48.0	46.9	100.4	9 200*	49.1	101.9	11 000*	52.2	103.9	13 400*	55.2	105.4	12 800	48.0
50.0	44.4	98.4	8 700*	46.7	100.1	10 400*	49.9	102.2	12 500*	53.0	103.9	12 100	50.0
52.0	41.8	96.3	8 300*	44.2	98.1	9 800*	47.5	100.4	11 700*	50.7	102.3	11 500	52.0
54.0	39.0	93.9	7 800*	41.5	95.9	9 300*	45.0	98.5	11 000*	48.3	100.6	10 900	54.0
56.0	36.0	91.3	7 500*	38.7	93.5	8 800*	42.4	96.4	10 300*	45.9	98.7	10 300	56.0
58.0	32.8	88.3	7 100*	35.7	90.8	8 400*	39.7	94.1	9 700*	43.3	96.7	9 800	58.0
60.0	29.3	84.9	6 800*	32.5	87.9	7 800*	36.8	91.5	9 100*	40.6	94.4	9 300	60.0
62.0	25.4	81.0	6 500*	29.0	84.4	7 300*	33.6	88.6	8 500*	37.7	91.9	8 800	62.0
64.0	20.8	76.2	6 000*	25.0	80.4	6 800*	30.2	85.4	8 000*	34.7	89.2	8 400	64.0
66.0	14.8	69.9	5 500*	20.2	75.6	6 400*	26.4	81.6	7 500*	31.4	86.1	8 000	66.0
68.0				14.0	68.9	5 700*	21.9	77.1	7 100*	27.7	82.5	7 600	68.0
70.0							16.4	71.2	6 400*	23.5	78.2	7 200	70.0
72.0										18.4	72.9	6 900	72.0
74.0										11.2	65.2	5 900*	74.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A On Boom No. 57
107 680 kg Crane Counterweight
52 160 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



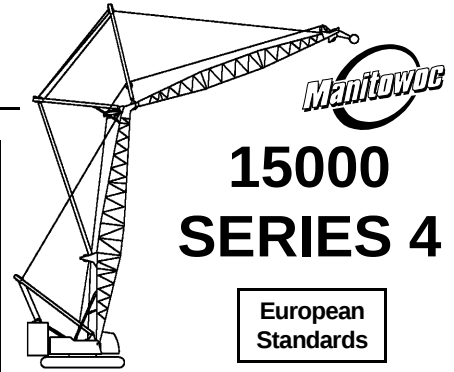
51.5m (169 Ft.) Boom, 67.1m (220 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	
21.3	75.4	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	14 700*	64.8	113.6	15 600	40.0
42.0	55.8	109.2	10 600*	57.7	110.2	12 500*	60.3	111.6	14 600*	62.9	112.6	14 800	42.0
44.0	53.7	107.7	10 000*	55.6	108.9	11 900*	58.4	110.4	14 500*	61.0	111.5	13 900	44.0
46.0	51.6	106.2	9 500*	53.5	107.5	11 300*	56.3	109.1	14 000*	59.0	110.4	13 100	46.0
48.0	49.3	104.5	9 000*	51.3	105.9	10 700*	54.2	107.7	13 000*	57.0	109.1	12 400	48.0
50.0	47.0	102.7	8 500*	49.1	104.2	10 100*	52.1	106.2	12 200*	54.9	107.7	11 700	50.0
52.0	44.6	100.8	8 000*	46.8	102.4	9 600*	49.9	104.5	11 400*	52.8	106.2	11 100	52.0
54.0	42.1	98.6	7 600*	44.4	100.4	9 100*	47.6	102.7	10 700*	50.6	104.7	10 500	54.0
56.0	39.5	96.3	7 300*	41.9	98.3	8 600*	45.2	100.8	10 000*	48.4	102.9	9 900	56.0
58.0	36.7	93.7	6 900*	39.2	95.9	8 100*	42.7	98.7	9 400*	46.0	101.1	9 400	58.0
60.0	33.7	90.8	6 600*	36.4	93.3	7 600*	40.1	96.4	8 800*	43.6	99.0	8 900	60.0
62.0	30.5	87.6	6 200*	33.4	90.4	7 000*	37.4	93.9	8 200*	41.0	96.8	8 500	62.0
64.0	26.9	83.9	5 800*	30.1	87.1	6 600*	34.4	91.1	7 800*	38.3	94.3	8 000	64.0
66.0	22.7	79.5	5 300*	26.5	83.3	6 100*	31.3	88.0	7 300*	35.4	91.6	7 600	66.0
68.0	17.7	74.0	4 900*	22.3	78.9	5 700*	27.8	84.4	6 800*	32.4	88.6	7 200	68.0
70.0	10.6	65.8	4 200*	17.1	73.2	5 300*	23.8	80.2	6 400*	29.0	85.2	6 900	70.0
72.0							19.0	75.0	5 800*	25.2	81.2	6 500	72.0
74.0							12.6	67.8	5 000*	20.7	76.4	6 200	74.0
76.0										15.1	70.1	5 600*	76.0

Liftcrane Luffing Jib Capacities

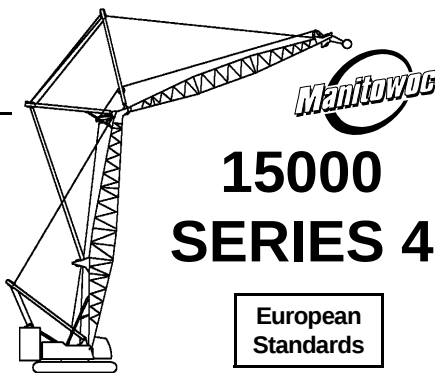
Luffing Jib No. 149A On Boom No. 57
107 680 kg Crane Counterweight
52 160 kg Carbody Counterweight
360 Degree Rating

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			80 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	
22.9	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*	66.0	117.0	14 900	40.0
42.0	57.5	112.8	10 100*	59.2	113.8	11 900*	61.8	115.1	13 800*	64.2	116.0	14 600	42.0
44.0	55.5	111.5	9 600*	57.3	112.6	11 300*	59.9	113.9	13 700*	62.4	115.0	13 600	44.0
46.0	53.5	110.1	9 100*	55.3	111.2	10 800*	58.0	112.7	13 400*	60.5	113.9	12 900	46.0
48.0	51.5	108.5	8 600*	53.3	109.8	10 200*	56.0	111.4	12 800*	58.6	112.7	12 100	48.0
50.0	49.3	106.8	8 200*	51.2	108.2	9 700*	54.0	110.0	12 000*	56.7	111.4	11 400	50.0
52.0	47.1	105.0	7 800*	49.1	106.5	9 300*	51.9	108.5	11 200*	54.7	110.1	10 800	52.0
54.0	44.8	103.1	7 400*	46.9	104.7	8 800*	49.8	106.8	10 500*	52.6	108.6	10 200	54.0
56.0	42.4	100.9	7 000*	44.6	102.7	8 300*	47.6	105.1	9 800*	50.5	106.9	9 700	56.0
58.0	40.0	98.6	6 600*	42.2	100.6	7 900*	45.4	103.1	9 200*	48.4	105.2	9 100	58.0
60.0	37.3	96.1	6 400*	39.7	98.3	7 400*	43.0	101.1	8 600*	46.1	103.3	8 700	60.0
62.0	34.5	93.3	6 000*	37.0	95.7	6 900*	40.6	98.8	8 100*	43.8	101.3	8 200	62.0
64.0	31.5	90.2	5 600*	34.2	92.9	6 400*	38.0	96.3	7 600*	41.4	99.1	7 800	64.0
66.0	28.2	86.7	5 200*	31.2	89.7	6 000*	35.2	93.6	7 100*	38.8	96.7	7 400	66.0
68.0	24.4	82.6	4 800*	27.8	86.2	5 500*	32.2	90.6	6 600*	36.1	94.1	7 000	68.0
70.0	20.0	77.6	4 400*	24.0	82.0	5 100*	29.0	87.1	6 200*	33.2	91.2	6 600	70.0
72.0	14.4	71.0	4 000*	19.5	76.9	4 800*	25.4	83.2	5 800*	30.1	87.9	6 300	72.0
74.0				13.7	70.0	4 200*	21.2	78.4	5 400*	26.6	84.1	6 000	74.0
76.0							15.9	72.4	4 700*	22.6	79.7	5 600	76.0
78.0										17.8	74.2	5 300*	78.0
80.0										11.1	66.2	4 300*	80.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A On Boom No. 57
107 680 kg Crane Counterweight
52 160 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

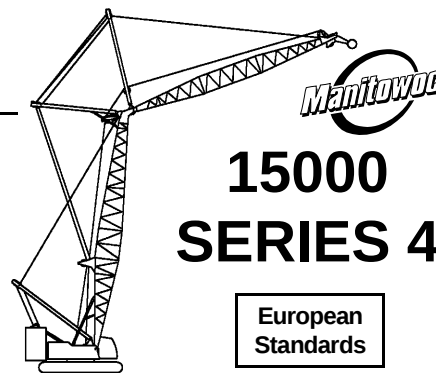
51.5m (169 Ft.) Boom, 73.2m (240 Ft.) Luffing Jib

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	12 000*	46.0
48.0	53.7	112.6	8 400*	55.4	113.8	9 900*	57.9	115.3	11 900*	48.0
50.0	51.7	111.1	8 000*	53.5	112.4	9 500*	56.1	114.0	11 800*	50.0
52.0	49.7	109.4	7 600*	51.5	110.8	9 000*	54.1	112.6	11 100*	52.0
54.0	47.6	107.7	7 200*	49.5	109.1	8 600*	52.2	111.1	10 400*	54.0
56.0	45.4	105.7	6 900*	47.4	107.3	8 200*	50.2	109.4	9 700*	56.0
58.0	43.2	103.7	6 600*	45.2	105.4	7 800*	48.1	107.7	9 000*	58.0
60.0	40.8	101.4	6 200*	42.9	103.3	7 200*	45.9	105.8	8 400*	60.0
62.0	38.3	99.0	5 900*	40.5	101.1	6 700*	43.7	103.8	7 900*	62.0
64.0	35.7	96.3	5 400*	38.1	98.6	6 300*	41.4	101.6	7 400*	64.0
66.0	32.9	93.3	5 000*	35.4	95.9	5 800*	38.9	99.2	6 900*	66.0
68.0	29.9	90.0	4 600*	32.6	92.9	5 400*	36.3	96.5	6 400*	68.0
70.0	26.5	86.2	4 200*	29.5	89.5	5 000*	33.6	93.6	6 000*	70.0
72.0	22.7	81.8	3 900*	26.1	85.7	4 600*	30.6	90.4	5 600*	72.0
74.0	18.1	76.3	3 500*	22.3	81.2	4 200*	27.3	86.7	5 200*	74.0
76.0	12.0	68.7	3 000*	17.6	75.6	3 900*	23.7	82.5	4 900*	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 On Boom No. 57
107 680 kg Crane Counterweight
52 160 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 4

European Standards

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	48 700*b																18.0
20.0	42.9	71.2	38 400*	50.1	72.9	43 200*	59.5	74.7	45 300b													20.0
22.0	34.1	68.6	35 000*	42.5	70.9	38 500*	53.0	73.3	41 400b	62.1	74.7	39 200b										22.0
24.0	22.3	64.7	32 100*	33.6	68.3	34 700*	45.8	71.5	38 000	55.7	73.4	36 000b										24.0
26.0							37.6	69.2	34 700*	48.8	71.8	33 200										26.0
28.0							27.2	65.9	31 700*	41.1	69.8	30 900	57.8	72.8	28 000b							28.0
30.0										31.8	66.9	28 800	51.1	71.3	26 100							30.0
32.0										18.7	62.5	27 000	43.7	69.4	24 400							32.0
34.0													35.0	66.9	22 900	52.9	70.2	20 600b				34.0
36.0													23.6	63.1	21 500	45.7	68.4	19 300				36.0
38.0																37.4	66.1	18 200				38.0
40.0																27.0	62.8	17 100				40.0
42.0																			47.1	66.9	15 300	42.0
44.0																			39.0	64.7	14 300	44.0
																			29.2	61.6	13 400	44.0

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

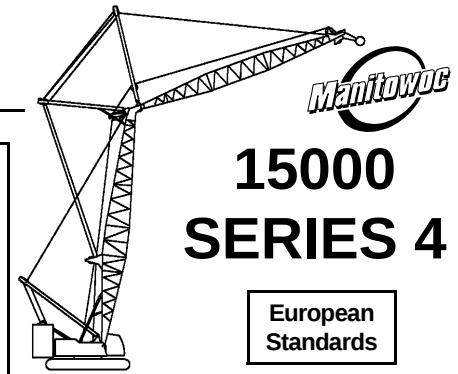
Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib 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	46 700*b																18.0
20.0	50.3	75.4	36 700*	55.9	76.8	42 900*	63.7	78.2	44 400b													20.0
22.0	43.7	73.5	33 200*	50.0	75.2	38 200*	58.3	77.0	40 500b	65.8	78.1	38 400b										22.0
24.0	36.3	71.0	30 300*	43.4	73.3	34 400*	52.5	75.6	37 300	60.5	77.1	35 200b										24.0
26.0	27.1	67.7	28 200*	35.9	70.8	31 200*	46.2	73.8	34 400*	54.9	75.8	32 500										26.0
28.0				26.5	67.3	28 500*	39.2	71.6	31 400*	48.9	74.1	30 200										28.0
30.0							30.8	68.6	28 900*	42.2	72.1	28 200	56.7	75.1	25 500							30.0
32.0							19.2	64.2	26 700*	34.4	69.5	26 400	50.8	73.6	23 800							32.0
34.0										24.6	65.8	24 800	44.4	71.7	22 300							34.0
36.0													37.0	69.3	21 000	52.4	72.5	18 800				36.0
38.0													28.0	66.1	19 800	46.1	70.8	17 600				38.0
40.0																39.0	68.5	16 600				40.0
42.0																30.6	65.5	15 700	47.3	69.2	14 000	42.0
44.0																18.9	61.0	14 700	40.4	67.1	13 100	44.0
46.0																			32.3	64.3	12 300	46.0
48.0																			21.6	60.2	11 500	48.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A On Boom No. 57
107 680 kg Crane Counterweight
52 160 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



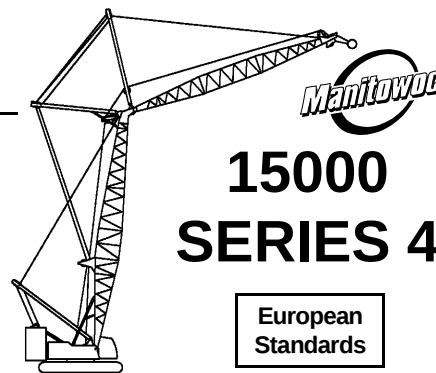
54.5m (179 Ft.) Boom, 27.4m (90 Ft.) Luffing Jib

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.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	
13.7	70.3	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	43 800b													20.0
22.0	50.1	77.7	31 900*	55.2	79.1	37 600*	62.2	80.6	39 900b													22.0
24.0	44.4	75.8	29 100*	49.8	77.5	34 200*	57.3	79.4	36 700	64.1	80.5	34 700b										24.0
26.0	37.9	73.5	26 700*	44.0	75.6	31 000*	52.1	77.9	33 900	59.3	79.4	32 000										26.0
28.0	30.3	70.4	24 700*	37.5	73.2	28 300*	46.5	76.1	31 300*	54.3	78.1	29 700										28.0
30.0	20.2	66.0	23 200*	29.8	70.1	25 900*	40.4	74.0	28 700*	48.9	76.4	27 700										30.0
32.0				19.5	65.6	23 900*	33.3	71.2	26 500*	43.0	74.4	25 900	55.9	77.4	23 300							32.0
34.0							24.4	67.4	24 500*	36.3	72.0	24 300	50.6	75.9	21 800							34.0
36.0										28.3	68.7	22 900	44.9	74.0	20 500							36.0
38.0										17.1	63.7	21 700	38.5	71.7	19 400	52.0	74.8	17 300				38.0
40.0													31.0	68.7	18 300	46.4	73.1	16 300				40.0
42.0													21.3	64.5	17 300	40.3	70.9	15 400				42.0
44.0																33.1	68.1	14 500	47.5	71.6	12 800	44.0
46.0																24.2	64.3	13 700	41.5	69.4	12 100	46.0
48.0																			34.5	66.8	11 300	48.0
50.0																			26.0	63.3	10 700	50.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A On Boom No. 57
107 680 kg Crane Counterweight
52 160 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

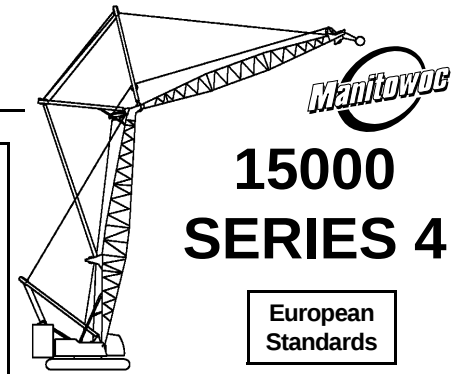
Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	
13.7	72.4	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	41 100b													20.0
22.0	54.8	81.6	30 900*	59.1	82.7	36 200*	65.2	84.0	39 400													22.0
24.0	50.0	80.0	28 200*	54.6	81.4	33 200*	60.9	82.9	35 900													24.0
26.0	44.8	78.1	25 800*	49.8	79.8	30 400*	56.5	81.7	33 200	62.7	82.9	31 300										26.0
28.0	39.1	75.9	23 700*	44.6	77.9	27 900*	51.8	80.2	30 800	58.3	81.8	29 000										28.0
30.0	32.6	73.0	22 000*	38.8	75.6	25 800*	46.8	78.4	28 500*	53.8	80.4	27 100										30.0
32.0	24.5	69.2	20 600*	32.2	72.7	23 700*	41.3	76.3	26 300*	48.9	78.7	25 300	59.7	81.1	22 800							32.0
34.0				24.1	68.9	21 900*	35.1	73.7	24 300*	43.6	76.8	23 700	55.2	79.8	21 300							34.0
36.0							27.8	70.3	22 600*	37.8	74.4	22 300	50.5	78.2	20 000							36.0
38.0							17.7	65.4	21 000*	31.0	71.4	21 100	45.3	76.3	18 800							38.0
40.0										22.4	67.3	20 000	39.7	74.1	17 800	51.7	77.1	15 700				40.0
42.0													33.2	71.3	16 800	46.7	75.4	14 900				42.0
44.0													25.4	67.7	16 000	41.2	73.2	14 000				44.0
46.0																35.0	70.6	13 300	47.7	73.8	11 700	46.0
48.0																27.6	67.2	12 600	42.3	71.8	11 000	48.0
50.0																17.5	62.2	11 800	36.2	69.3	10 300	50.0
52.0																			29.1	66.1	9 700	52.0
54.0																			19.7	61.5	9 100	54.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A On Boom No. 57
107 680 kg Crane Counterweight
52 160 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



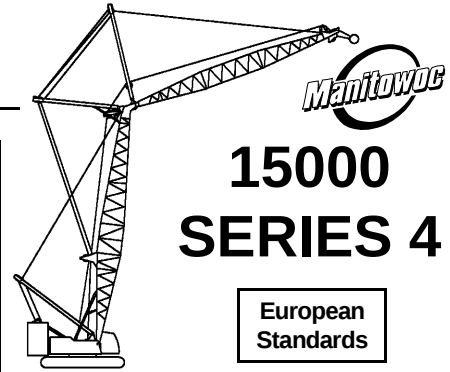
54.5m (179 Ft.) Boom, 33.5m (110 Ft.) Luffing Jib

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.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	
13.7	74.0	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	37 500													22.0
24.0	54.3	83.9	27 200*	58.2	85.1	32 000*	63.8	86.4	35 700													24.0
26.0	49.9	82.3	24 900*	54.1	83.7	29 500*	59.9	85.3	32 800	65.4	86.3	30 900										26.0
28.0	45.2	80.4	22 900*	49.7	82.1	27 100*	55.8	84.0	30 500	61.5	85.3	28 700										28.0
30.0	40.1	78.2	21 100*	45.0	80.2	24 900*	51.6	82.5	28 300	57.5	84.1	26 700										30.0
32.0	34.4	75.5	19 600*	39.9	78.0	23 000*	47.0	80.7	26 200*	53.3	82.7	25 000	62.7	84.6	22 400							32.0
34.0	27.6	72.1	18 400*	34.1	75.3	21 300*	42.1	78.7	24 200*	48.9	81.0	23 400	58.8	83.4	21 000							34.0
36.0	18.7	67.3	17 500*	27.2	71.8	19 900*	36.6	76.2	22 500*	44.1	79.1	22 000	54.7	82.1	19 700							36.0
38.0				18.1	66.8	18 800*	30.3	73.1	21 000*	38.9	76.8	20 800	50.3	80.5	18 600							38.0
40.0							22.4	68.9	19 600*	33.0	74.0	19 700	45.7	78.7	17 500	55.8	80.9	15 500				40.0
42.0										25.9	70.3	18 700	40.6	76.5	16 600	51.5	79.4	14 600				42.0
44.0										16.0	64.9	17 700	34.9	73.8	15 700	46.9	77.7	13 900				44.0
46.0													28.3	70.5	14 900	42.0	75.6	13 100	52.3	77.9	11 400	46.0
48.0													19.7	65.8	14 100	36.5	73.1	12 400	47.8	76.2	10 800	48.0
50.0																30.1	70.0	11 800	42.9	74.1	10 200	50.0
52.0																22.2	65.8	11 100				52.0
54.0																			37.6	71.7	9 700	54.0
56.0																			31.4	68.7	9 100	56.0
																			23.9	64.8	8 500	

Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A On Boom No. 57
107 680 kg Crane Counterweight
52 160 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

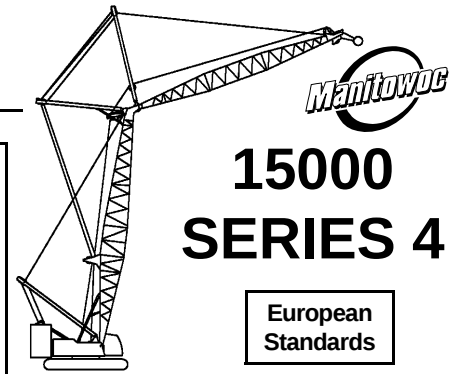
Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	
13.7	75.4	92.2	30 900*																			13.7
14.0	74.9	92.1	30 800*																			14.0
16.0	71.7	91.5	30 100*																			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	34 500*													22.0
24.0	57.7	87.6	26 200*	61.2	88.7	30 700*	66.1	89.8	34 300*													24.0
26.0	53.9	86.2	24 000*	57.5	87.4	28 400*	62.7	88.8	32 200	67.5	89.7	30 300										26.0
28.0	49.8	84.6	22 200*	53.7	86.0	26 300*	59.0	87.7	29 800	64.1	88.8	28 100										28.0
30.0	45.6	82.8	20 500*	49.6	84.4	24 200*	55.3	86.3	27 800	60.5	87.7	26 100										30.0
32.0	40.9	80.6	19 000*	45.3	82.5	22 400*	51.3	84.8	25 900	56.8	86.4	24 400										32.0
34.0	35.8	78.0	17 600*	40.7	80.3	20 700*	47.2	83.1	23 900*	53.0	85.0	22 900	61.7	86.9	20 500							34.0
36.0	29.9	74.8	16 500*	35.5	77.7	19 200*	42.7	81.0	22 200*	48.9	83.3	21 500	58.0	85.8	19 200							36.0
38.0	22.7	70.7	15 700*	29.6	74.5	17 900*	37.8	78.6	20 700*	44.6	81.4	20 300	54.2	84.4	18 100							38.0
40.0				22.3	70.3	16 900*	32.2	75.7	19 300*	39.8	79.2	19 200	50.2	82.8	17 000							40.0
42.0							25.6	71.9	18 100*	34.6	76.5	18 200	46.0	81.0	16 100	55.2	83.3	14 200				42.0
44.0							16.7	66.6	17 000*	28.5	73.1	17 200	41.4	78.8	15 200	51.3	81.7	13 400				44.0
46.0										20.8	68.6	16 400	36.3	76.3	14 400	47.1	80.0	12 600				46.0
48.0													30.5	73.2	13 700	42.6	77.9	11 900				48.0
50.0													23.5	69.2	13 000	37.7	75.5	11 300	47.9	78.4	9 800	50.0
52.0																32.1	72.6	10 800	43.5	76.5	9 200	52.0
54.0																25.5	68.8	10 200	38.6	74.1	8 700	54.0
56.0																16.4	63.4	9 600	33.2	71.3	8 300	56.0
58.0																			26.8	67.7	7 800	58.0
60.0																			18.4	62.8	7 300	60.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A On Boom No. 57
107 680 kg Crane Counterweight
52 160 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



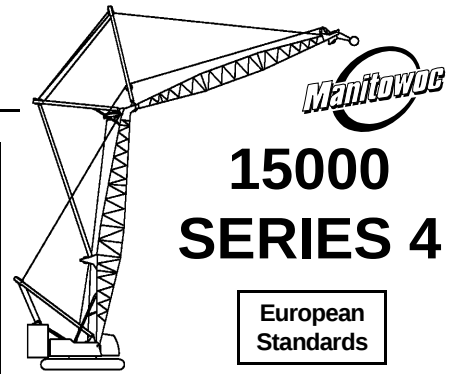
54.5m (179 Ft.) Boom, 39.6m (130 Ft.) Luffing Jib

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	31 700*										24.0
26.0	57.0	90.0	23 300*	60.3	91.0	27 300*	64.9	92.2	31 400										26.0
28.0	53.5	88.5	21 500*	56.9	89.8	25 400*	61.7	91.2	29 400	66.2	92.1	27 600							28.0
30.0	49.8	86.9	19 900*	53.3	88.3	23 600*	58.3	90.0	27 300	63.0	91.2	25 700							30.0
32.0	45.8	85.1	18 400*	49.6	86.7	21 800*	54.8	88.7	25 600	59.7	90.0	24 000							32.0
34.0	41.6	82.9	17 100*	45.6	84.8	20 200*	51.2	87.1	23 700*	56.3	88.8	22 500							34.0
36.0	37.0	80.4	15 900*	41.4	82.7	18 800*	47.3	85.3	22 000*	52.7	87.3	21 100	60.7	89.3	18 800				36.0
38.0	31.8	77.5	14 900*	36.7	80.2	17 500*	43.2	83.3	20 500*	48.9	85.6	19 900	57.4	88.1	17 600				38.0
40.0	25.7	73.7	14 100*	31.5	77.2	16 300*	38.7	81.0	19 100*	44.9	83.7	18 800	53.8	86.7	16 600				40.0
42.0	17.6	68.5	13 600*	25.3	73.4	15 400*	33.8	78.2	17 900*	40.6	81.5	17 800	50.1	85.1	15 700				42.0
44.0				17.1	68.1	14 700*	28.1	74.8	16 800*	35.9	78.9	16 900	46.2	83.3	14 900	54.7	85.6	13 000	44.0
46.0							20.9	70.3	15 700*	30.5	75.8	16 000	42.0	81.2	14 100	51.1	84.1	12 300	46.0
48.0										24.1	71.8	15 200	37.4	78.7	13 300	47.2	82.3	11 600	48.0
50.0										15.2	66.1	14 500	32.3	75.8	12 700	43.1	80.3	11 000	50.0
52.0													26.3	72.1	12 100	38.7	77.9	10 400	52.0
54.0													18.5	67.1	11 400	33.7	75.1	9 900	54.0
56.0																27.9	71.7	9 400	56.0
58.0																20.8	67.1	8 900	58.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A On Boom No. 57
107 680 kg Crane Counterweight
52 160 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, 42.7m (140 Ft.) Luffing Jib

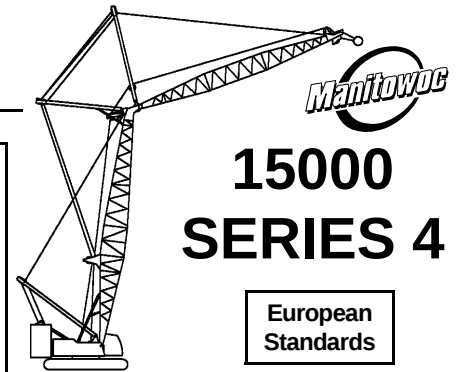
Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
15.2	75.4	98.1	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	29 000*										26.0
28.0	56.5	92.3	20 800*	59.5	93.4	24 500*	63.9	94.6	28 600										28.0
30.0	53.2	90.8	19 300*	56.3	92.1	22 800*	60.8	93.6	26 800	65.1	94.6	25 100							30.0
32.0	49.7	89.2	17 900*	53.0	90.7	21 200*	57.7	92.3	25 000	62.1	93.6	23 400							32.0
34.0	46.1	87.4	16 600*	49.5	89.0	19 700*	54.4	91.0	23 400*	59.0	92.4	21 900							34.0
36.0	42.2	85.3	15 500*	45.9	87.2	18 300*	51.0	89.4	21 700*	55.8	91.1	20 600							36.0
38.0	38.0	82.9	14 400*	42.0	85.0	17 000*	47.4	87.7	20 200*	52.4	89.6	19 400	60.0	91.7	17 200				38.0
40.0	33.3	80.0	13 500*	37.7	82.6	15 900*	43.6	85.7	18 800*	48.9	87.9	18 300	56.8	90.4	16 100				40.0
42.0	27.9	76.6	12 800*	33.0	79.7	14 900*	39.6	83.4	17 600*	45.2	86.1	17 300	53.5	89.0	15 200				42.0
44.0	21.3	72.1	12 300*	27.6	76.2	14 000*	35.1	80.7	16 500*	41.3	83.9	16 400	50.0	87.4	14 400				44.0
46.0				21.0	71.7	13 300*	30.0	77.5	15 500*	37.0	81.4	15 500	46.4	85.6	13 600	54.3	87.9	11 800	46.0
48.0							24.0	73.5	14 500*	32.2	78.4	14 800	42.5	83.5	12 900	50.9	86.3	11 100	48.0
50.0							15.9	67.8	13 700*	26.6	74.8	14 100	38.4	81.1	12 200	47.4	84.6	10 600	50.0
52.0										19.6	70.0	13 400	33.7	78.3	11 600	43.6	82.6	10 000	52.0
54.0													28.4	74.9	11 100	39.5	80.3	9 500	54.0
56.0													22.0	70.6	10 500	35.0	77.6	9 000	56.0
58.0																29.9	74.4	8 500	58.0
60.0																23.8	70.3	8 100	60.0
62.0																15.7	64.6	7 600	62.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A On Boom No. 57
107 680 kg Crane Counterweight
52 160 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



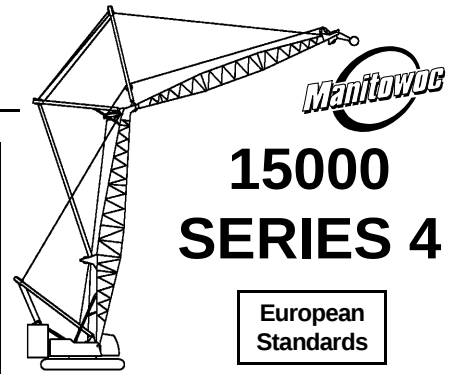
54.5m (179 Ft.) Boom, 45.7m (150 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
16.8	74.4	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	26 500*										28.0
30.0	56.0	94.6	18 800*	58.8	95.7	22 200*	62.9	97.0	26 200										30.0
32.0	52.9	93.2	17 500*	55.9	94.4	20 700*	60.1	95.9	24 700	64.1	97.0	23 100							32.0
34.0	49.7	91.5	16 300*	52.7	92.9	19 300*	57.1	94.7	23 200	61.2	95.9	21 700							34.0
36.0	46.3	89.7	15 200*	49.5	91.3	18 000*	54.1	93.3	21 700	58.3	94.7	20 300							36.0
38.0	42.7	87.6	14 200*	46.1	89.5	16 800*	50.9	91.7	20 200*	55.3	93.4	19 100							38.0
40.0	38.8	85.2	13 300*	42.5	87.4	15 700*	47.5	90.0	18 800*	52.2	91.9	18 000	59.3	94.0	15 900				40.0
42.0	34.5	82.5	12 400*	38.6	85.0	14 700*	44.0	88.0	17 500*	48.9	90.2	17 000	56.3	92.8	15 000				42.0
44.0	29.8	79.3	11 800*	34.3	82.2	13 800*	40.2	85.7	16 400*	45.5	88.4	16 100	53.2	91.3	14 200				44.0
46.0	24.1	75.2	11 200*	29.5	79.0	13 000*	36.1	83.1	15 400*	41.8	86.2	15 300	50.0	89.7	13 400	57.1	91.6	11 600	46.0
48.0	16.8	69.7	10 900*	23.8	74.9	12 300*	31.6	80.1	14 500*	37.9	83.8	14 500	46.6	87.9	12 700	54.0	90.2	11 000	48.0
50.0				16.3	69.3	11 900*	26.3	76.4	13 600*	33.5	80.9	13 800	43.0	85.8	12 100	50.8	88.7	10 400	50.0
52.0							19.8	71.6	12 900*	28.6	77.6	13 200	39.1	83.5	11 400	47.5	86.9	9 800	52.0
54.0										22.7	73.3	12 600	34.9	80.8	10 900	43.9	84.9	9 300	54.0
56.0										14.6	67.2	12 000	30.2	77.6	10 400	40.2	82.7	8 800	56.0
58.0													24.7	73.7	9 900	36.1	80.1	8 400	58.0
60.0													17.6	68.4	9 400	31.5	77.0	8 000	60.0
62.0																26.2	73.3	7 500	62.0
64.0																19.6	68.5	7 200	64.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A On Boom No. 57
107 680 kg Crane Counterweight
52 160 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

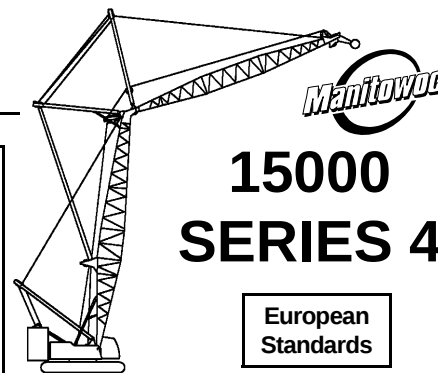
Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev.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

Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A On Boom No. 57
107 680 kg Crane Counterweight
52 160 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



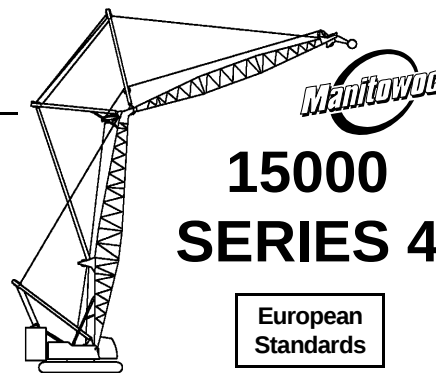
54.5m (179 Ft.) Boom, 51.8m (170 Ft.) Luffing Jib

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	22 400*							30.0
32.0	57.9	100.6	16 400*	60.3	101.6	19 300*	63.9	102.8	22 300*	67.3	103.7	22 200				32.0
34.0	55.2	99.2	15 400*	57.7	100.4	18 100*	61.4	101.8	22 000	64.9	102.8	20 700				34.0
36.0	52.5	97.8	14 400*	55.1	99.1	17 000*	58.8	100.6	20 900	62.4	101.8	19 400				36.0
38.0	49.6	96.1	13 500*	52.3	97.6	16 000*	56.2	99.3	19 600	59.9	100.7	18 300				38.0
40.0	46.6	94.3	12 600*	49.4	95.9	15 000*	53.5	97.9	18 300*	57.3	99.4	17 200				40.0
42.0	43.4	92.3	11 800*	46.4	94.1	14 000*	50.7	96.3	17 000*	54.6	98.0	16 200	60.7	99.9	14 200	42.0
44.0	40.1	90.0	11 100*	43.3	92.0	13 200*	47.7	94.6	15 900*	51.8	96.5	15 300	58.1	98.7	13 400	44.0
46.0	36.5	87.4	10 500*	39.9	89.7	12 400*	44.6	92.6	14 900*	48.9	94.8	14 500	55.5	97.4	12 600	46.0
48.0	32.6	84.5	9 900*	36.3	87.2	11 700*	41.4	90.4	14 000*	45.9	93.0	13 800	52.7	95.9	11 900	48.0
50.0	28.1	81.0	9 500*	32.3	84.2	11 100*	37.9	88.0	13 100*	42.7	90.9	13 100	49.9	94.3	11 300	50.0
52.0	22.9	76.7	9 100*	27.9	80.7	10 400*	34.0	85.2	12 400*	39.3	88.6	12 400	46.9	92.5	10 700	52.0
54.0	16.1	70.9	8 900*	22.6	76.3	10 000*	29.8	81.9	11 600*	35.6	85.9	11 800	43.7	90.5	10 100	54.0
56.0				15.7	70.4	9 600*	24.9	78.0	10 900*	31.6	82.8	11 300	40.4	88.2	9 600	56.0
58.0							18.9	72.9	10 300*	27.0	79.2	10 700	36.8	85.7	9 100	58.0
60.0										21.6	74.7	10 200	32.9	82.8	8 700	60.0
62.0										14.2	68.3	9 800	28.5	79.4	8 300	62.0
64.0													23.4	75.2	7 800	64.0
66.0													16.8	69.6	7 500	66.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A On Boom No. 57
107 680 kg Crane Counterweight
52 160 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

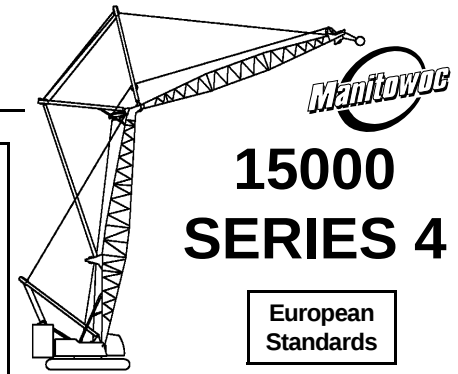
Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. 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	75.4	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	20 400*	66.4	106.2	20 200				34.0
36.0	54.9	101.6	13 900*	57.3	102.7	16 500*	60.7	104.2	20 100*	64.1	105.2	18 900				36.0
38.0	52.3	100.1	13 100*	54.7	101.4	15 500*	58.3	103.0	19 200	61.7	104.2	17 800				38.0
40.0	49.6	98.4	12 300*	52.1	99.9	14 600*	55.8	101.7	17 900*	59.3	103.0	16 700				40.0
42.0	46.7	96.6	11 500*	49.4	98.2	13 700*	53.2	100.2	16 700*	56.8	101.7	15 800				42.0
44.0	43.8	94.6	10 800*	46.6	96.4	12 900*	50.6	98.6	15 600*	54.3	100.4	14 900	60.1	102.3	12 900	44.0
46.0	40.6	92.4	10 200*	43.6	94.4	12 100*	47.8	96.9	14 600*	51.7	98.8	14 100	57.6	101.1	12 200	46.0
48.0	37.3	89.8	9 700*	40.5	92.1	11 400*	44.9	94.9	13 700*	48.9	97.1	13 300	55.1	99.7	11 500	48.0
50.0	33.7	87.0	9 100*	37.1	89.6	10 800*	41.8	92.8	12 800*	46.1	95.3	12 700	52.5	98.2	10 800	50.0
52.0	29.6	83.7	8 700*	33.5	86.7	10 200*	38.5	90.4	12 000*	43.1	93.2	12 000	49.8	96.6	10 300	52.0
54.0	25.0	79.8	8 400*	29.4	83.4	9 700*	35.0	87.7	11 300*	39.9	90.9	11 400	47.0	94.8	9 700	54.0
56.0	19.4	74.7	8 100*	24.7	79.4	9 200*	31.2	84.5	10 600*	36.5	88.3	10 800	44.0	92.8	9 200	56.0
58.0				19.0	74.3	8 700*	26.8	80.9	10 000*	32.8	85.4	10 300	40.9	90.6	8 700	58.0
60.0							21.6	76.3	9 400*	28.6	82.0	9 800	37.6	88.1	8 300	60.0
62.0							14.8	70.1	8 700*	23.9	77.9	9 400	34.0	85.3	7 900	62.0
64.0										17.9	72.5	9 000	30.0	82.0	7 500	64.0
66.0													25.5	78.2	7 100	66.0
68.0													19.9	73.3	6 800	68.0
70.0													12.2	66.2	6 500	70.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A On Boom No. 57
107 680 kg Crane Counterweight
52 160 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



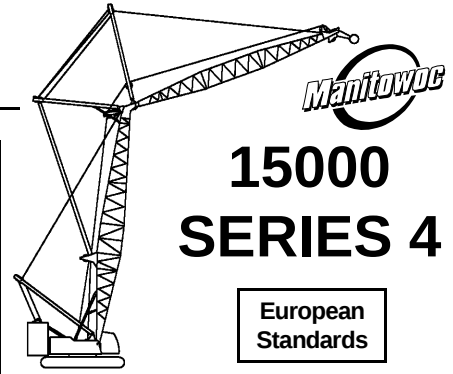
54.5m (179 Ft.) Boom, 57.9m (190 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			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	74.7	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	18 800*							34.0
36.0	57.0	105.3	13 500*	59.2	106.3	15 900*	62.4	107.6	18 600*	65.5	108.6	18 700				36.0
38.0	54.6	103.9	12 700*	56.9	105.1	15 000*	60.2	106.5	18 500*	63.3	107.6	17 500				38.0
40.0	52.1	102.4	11 900*	54.5	103.7	14 200*	57.8	105.3	17 700*	61.1	106.5	16 500				40.0
42.0	49.5	100.7	11 200*	52.0	102.2	13 400*	55.5	104.0	16 600*	58.8	105.4	15 500				42.0
44.0	46.9	98.9	10 600*	49.4	100.5	12 600*	53.0	102.5	15 500*	56.4	104.1	14 700				44.0
46.0	44.1	96.9	10 000*	46.7	98.7	11 900*	50.5	100.9	14 500*	54.0	102.7	13 900	59.5	104.7	12 000	46.0
48.0	41.1	94.7	9 400*	43.9	96.7	11 200*	47.9	99.2	13 500*	51.5	101.1	13 100	57.2	103.4	11 300	48.0
50.0	38.0	92.2	8 900*	41.0	94.5	10 600*	45.1	97.2	12 700*	48.9	99.4	12 400	54.8	102.0	10 600	50.0
52.0	34.6	89.5	8 500*	37.8	92.0	10 000*	42.2	95.1	11 900*	46.2	97.6	11 800	52.3	100.5	10 100	52.0
54.0	30.9	86.3	8 000*	34.4	89.2	9 400*	39.2	92.8	11 200*	43.4	95.6	11 200	49.8	98.9	9 500	54.0
56.0	26.8	82.6	7 700*	30.7	86.0	9 000*	35.9	90.1	10 500*	40.4	93.3	10 600	47.1	97.1	9 000	56.0
58.0	21.9	78.1	7 500*	26.5	82.3	8 600*	32.3	87.1	9 900*	37.2	90.8	10 100	44.3	95.1	8 500	58.0
60.0	15.6	72.1	7 200*	21.6	77.7	8 100*	28.3	83.6	9 300*	33.8	87.9	9 600	41.4	92.9	8 100	60.0
62.0				15.2	71.6	7 500*	23.8	79.5	8 800*	30.0	84.7	9 200	38.3	90.5	7 700	62.0
64.0							18.1	74.2	8 300*	25.7	80.8	8 800	34.9	87.8	7 300	64.0
66.0										20.6	76.1	8 300	31.3	84.7	6 900	66.0
68.0										13.8	69.5	7 900	27.2	81.0	6 600	68.0
70.0													22.4	76.6	6 200	70.0
72.0													16.3	70.8	5 900	72.0

Liftcrane Luffing Jib Capacities

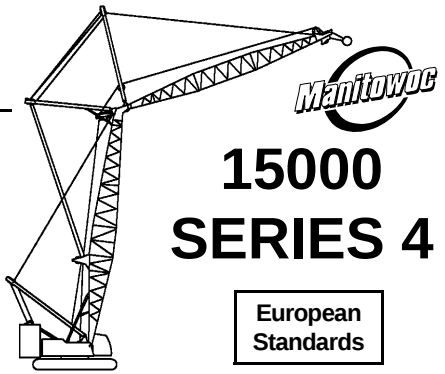
Luffing Jib No. 149A On Boom No. 57
107 680 kg Crane Counterweight
52 160 kg Carbody Counterweight
360 Degree Rating

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	17 100*	66.8	111.9	18 000	36.0
38.0	56.6	107.6	12 300*	58.7	108.7	14 500*	61.8	110.0	17 000*	64.8	111.0	17 100	38.0
40.0	54.3	106.2	11 600*	56.5	107.4	13 700*	59.6	108.9	16 800*	62.7	110.0	16 100	40.0
42.0	51.9	104.7	10 900*	54.2	106.0	12 900*	57.4	107.7	16 100*	60.5	108.9	15 100	42.0
44.0	49.5	103.0	10 300*	51.8	104.5	12 200*	55.2	106.3	15 200*	58.3	107.7	14 200	44.0
46.0	47.0	101.2	9 700*	49.4	102.8	11 600*	52.8	104.8	14 100*	56.1	106.4	13 400	46.0
48.0	44.3	99.2	9 200*	46.8	101.0	10 900*	50.4	103.2	13 200*	53.8	105.0	12 700	48.0
50.0	41.5	97.1	8 700*	44.2	99.0	10 300*	47.9	101.5	12 400*	51.4	103.4	12 000	50.0
52.0	38.6	94.7	8 300*	41.4	96.8	9 700*	45.3	99.6	11 600*	48.9	101.7	11 400	52.0
54.0	35.4	92.0	7 800*	38.4	94.4	9 200*	42.6	97.4	10 900*	46.4	99.9	10 800	54.0
56.0	32.0	88.9	7 500*	35.3	91.7	8 800*	39.7	95.1	10 200*	43.7	97.9	10 300	56.0
58.0	28.2	85.4	7 100*	31.8	88.6	8 400*	36.6	92.6	9 600*	40.9	95.7	9 700	58.0
60.0	23.9	81.3	6 900*	28.0	85.1	7 800*	33.3	89.7	9 000*	37.9	93.2	9 300	60.0
62.0	18.6	76.0	6 500*	23.7	80.9	7 300*	29.7	86.3	8 500*	34.7	90.4	8 800	62.0
64.0	11.1	68.3	5 900*	18.3	75.6	6 800*	25.6	82.5	8 000*	31.2	87.3	8 400	64.0
66.0							20.7	77.7	7 500*	27.3	83.7	8 000	66.0
68.0							14.4	71.2	6 900*	22.8	79.3	7 600	68.0
70.0										17.2	73.7	7 300	70.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A On Boom No. 57
107 680 kg Crane Counterweight
52 160 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 4**

European
Standards

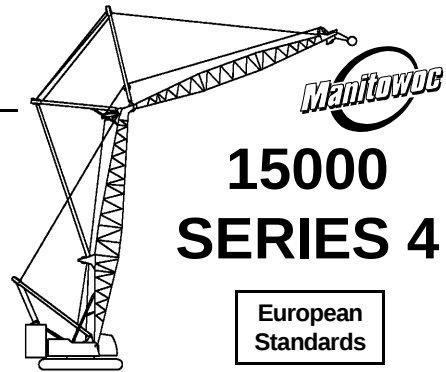
54.5m (179 Ft.) Boom, 64.0m (210 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	
21.3	74.7	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*	66.1	114.4	16 600	38.0
40.0	56.2	109.9	11 200*	58.3	111.0	13 200*	61.2	112.4	15 500*	64.1	113.4	15 700	40.0
42.0	54.1	108.5	10 600*	56.1	109.7	12 500*	59.2	111.2	15 300*	62.1	112.4	14 800	42.0
44.0	51.8	107.0	10 000*	53.9	108.3	11 900*	57.0	110.0	14 800*	60.0	111.3	13 900	44.0
46.0	49.5	105.3	9 400*	51.7	106.8	11 200*	54.9	108.6	13 900*	57.9	110.1	13 100	46.0
48.0	47.1	103.5	8 900*	49.4	105.1	10 700*	52.6	107.1	13 000*	55.8	108.7	12 400	48.0
50.0	44.6	101.6	8 500*	46.9	103.3	10 100*	50.3	105.5	12 200*	53.6	107.3	11 700	50.0
52.0	41.9	99.4	8 000*	44.4	101.3	9 600*	48.0	103.8	11 400*	51.3	105.7	11 100	52.0
54.0	39.1	97.0	7 600*	41.8	99.2	9 000*	45.5	101.9	10 700*	48.9	104.0	10 500	54.0
56.0	36.2	94.4	7 300*	39.0	96.8	8 600*	42.9	99.8	10 000*	46.5	102.2	9 900	56.0
58.0	33.0	91.5	7 000*	36.0	94.1	8 100*	40.2	97.5	9 400*	44.0	100.2	9 400	58.0
60.0	29.5	88.1	6 600*	32.8	91.2	7 600*	37.3	95.0	8 800*	41.3	98.0	8 900	60.0
62.0	25.6	84.2	6 300*	29.3	87.8	7 100*	34.2	92.2	8 300*	38.5	95.6	8 500	62.0
64.0	21.0	79.5	5 800*	25.4	83.9	6 600*	30.9	89.0	7 800*	35.5	92.9	8 100	64.0
66.0	15.1	73.3	5 400*	20.8	79.1	6 200*	27.1	85.3	7 300*	32.3	89.9	7 700	66.0
68.0				14.8	72.7	5 700*	22.8	80.9	6 900*	28.7	86.4	7 300	68.0
70.0							17.5	75.4	6 400*	24.7	82.4	7 000	70.0
72.0										19.9	77.4	6 600	72.0
74.0										13.5	70.6	6 100	74.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A On Boom No. 57
107 680 kg Crane Counterweight
52 160 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

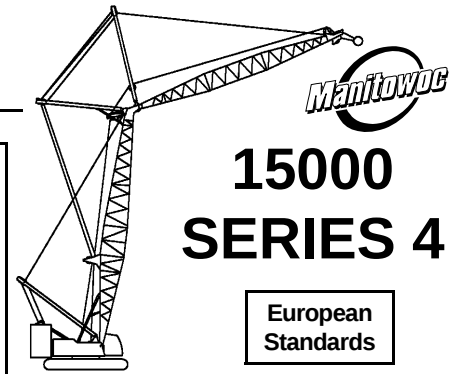
Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	
21.3	75.5	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*	65.3	116.8	15 100	40.0
42.0	55.9	112.2	10 200*	57.9	113.4	12 000*	60.7	114.8	14 000*	63.4	115.8	14 300	42.0
44.0	53.8	110.8	9 700*	55.8	112.1	11 400*	58.7	113.6	14 000*	61.5	114.8	13 500	44.0
46.0	51.7	109.3	9 200*	53.7	110.6	10 900*	56.7	112.3	13 600*	59.5	113.6	12 700	46.0
48.0	49.5	107.6	8 700*	51.6	109.1	10 400*	54.6	110.9	12 700*	57.5	112.4	12 000	48.0
50.0	47.2	105.8	8 200*	49.3	107.4	9 800*	52.5	109.4	11 900*	55.5	111.1	11 300	50.0
52.0	44.8	103.9	7 800*	47.0	105.6	9 300*	50.3	107.8	11 100*	53.4	109.6	10 700	52.0
54.0	42.3	101.7	7 400*	44.6	103.6	8 800*	48.0	106.1	10 400*	51.2	108.0	10 100	54.0
56.0	39.6	99.4	7 000*	42.1	101.5	8 400*	45.7	104.2	9 700*	48.9	106.3	9 600	56.0
58.0	36.9	96.8	6 700*	39.5	99.2	7 900*	43.2	102.1	9 100*	46.6	104.5	9 000	58.0
60.0	33.9	94.0	6 400*	36.7	96.6	7 300*	40.6	99.8	8 500*	44.2	102.5	8 600	60.0
62.0	30.7	90.8	6 000*	33.7	93.7	6 800*	37.9	97.4	8 000*	41.7	100.3	8 100	62.0
64.0	27.1	87.1	5 600*	30.5	90.5	6 400*	35.0	94.6	7 500*	39.0	98.0	7 700	64.0
66.0	23.0	82.7	5 200*	26.9	86.8	5 900*	31.9	91.6	7 000*	36.2	95.3	7 300	66.0
68.0	18.0	77.3	4 800*	22.8	82.4	5 500*	28.4	88.1	6 600*	33.2	92.4	6 900	68.0
70.0	11.0	69.4	4 300*	17.7	76.8	5 100*	24.6	84.0	6 100*	29.9	89.1	6 600	70.0
72.0							20.0	79.0	5 800*	26.2	85.3	6 200	72.0
74.0							14.0	72.4	5 200*	22.0	80.7	5 900	74.0
76.0										16.7	74.9	5 600	76.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A On Boom No. 57
107 680 kg Crane Counterweight
52 160 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



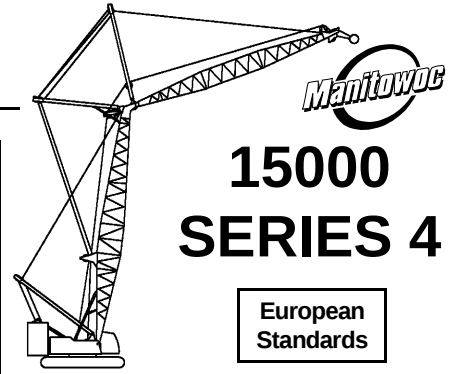
54.5m (179 Ft.) Boom, 70.1m (230 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	
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	13 200*	42.0
44.0	55.6	114.6	9 200*	57.5	115.7	10 900*	60.2	117.2	13 100*	44.0
46.0	53.6	113.1	8 800*	55.5	114.4	10 400*	58.3	115.9	12 900*	46.0
48.0	51.6	111.6	8 300*	53.5	112.9	9 900*	56.4	114.6	12 300*	48.0
50.0	49.4	109.9	7 900*	51.5	111.4	9 400*	54.4	113.2	11 700*	50.0
52.0	47.2	108.1	7 500*	49.3	109.7	8 900*	52.3	111.7	10 900*	52.0
54.0	45.0	106.2	7 100*	47.1	107.9	8 500*	50.2	110.1	10 200*	54.0
56.0	42.6	104.1	6 800*	44.8	105.9	8 100*	48.1	108.4	9 500*	56.0
58.0	40.1	101.8	6 500*	42.5	103.8	7 700*	45.8	106.5	8 900*	58.0
60.0	37.5	99.2	6 100*	40.0	101.5	7 200*	43.5	104.4	8 400*	60.0
62.0	34.7	96.5	5 800*	37.3	99.0	6 700*	41.0	102.2	7 800*	62.0
64.0	31.6	93.4	5 400*	34.5	96.2	6 200*	38.4	99.8	7 300*	64.0
66.0	28.3	89.9	5 000*	31.5	93.1	5 700*	35.7	97.1	6 800*	66.0
68.0	24.6	85.8	4 600*	28.2	89.5	5 300*	32.8	94.1	6 400*	68.0
70.0	20.3	80.9	4 200*	24.4	85.4	5 000*	29.6	90.8	6 000*	70.0
72.0	14.8	74.4	3 900*	20.1	80.5	4 600*	26.1	86.9	5 600*	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

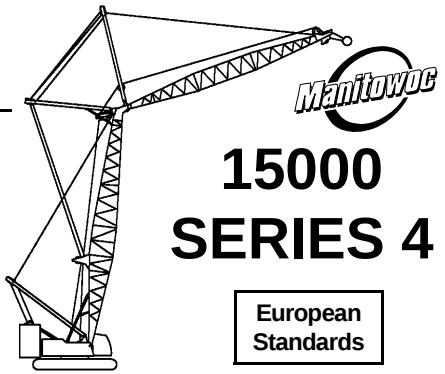
Luffing Jib No. 149A On Boom No. 57
107 680 kg Crane Counterweight
52 160 kg Carbody Counterweight
360 Degree Rating

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	11 600*	46.0
48.0	53.8	115.7	8 100*	55.6	116.9	9 600*	58.3	118.5	11 500*	48.0
50.0	51.8	114.2	7 700*	53.7	115.5	9 100*	56.4	117.2	11 300*	50.0
52.0	49.8	112.5	7 300*	51.7	114.0	8 700*	54.5	115.8	10 800*	52.0
54.0	47.7	110.8	7 000*	49.7	112.3	8 300*	52.5	114.3	10 100*	54.0
56.0	45.5	108.8	6 600*	47.6	110.5	7 900*	50.5	112.7	9 400*	56.0
58.0	43.3	106.8	6 300*	45.4	108.6	7 600*	48.5	111.0	8 800*	58.0
60.0	40.9	104.5	6 000*	43.2	106.6	7 000*	46.3	109.1	8 200*	60.0
62.0	38.5	102.1	5 700*	40.8	104.3	6 500*	44.1	107.1	7 700*	62.0
64.0	35.8	99.4	5 300*	38.3	101.8	6 000*	41.8	104.9	7 100*	64.0
66.0	33.0	96.5	4 800*	35.7	99.2	5 600*	39.4	102.6	6 700*	66.0
68.0	30.0	93.2	4 400*	32.9	96.2	5 200*	36.8	100.0	6 200*	68.0
70.0	26.7	89.4	4 000*	29.9	92.9	4 800*	34.1	97.2	5 800*	70.0
72.0	22.9	85.0	3 700*	26.5	89.1	4 400*	31.2	94.0	5 400*	72.0
74.0	18.4	79.7	3 400*	22.7	84.7	4 100*	28.0	90.4	5 000*	74.0
76.0	12.4	72.2	3 000*	18.2	79.2	3 700*	24.4	86.3	4 700*	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 On Boom No. 57
107 680 kg Crane Counterweight
52 160 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, 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	43 000*b													20.0
22.0	34.6	71.7	32 100*	43.4	74.2	34 600*	54.2	76.6	38 300*b													22.0
24.0	23.1	67.9	28 700*	34.6	71.6	31 100*	47.2	74.8	34 500*	57.4	76.8	35 000b										24.0
26.0				23.1	67.8	28 200*	39.2	72.6	31 300*	50.7	75.2	32 400b										26.0
28.0							29.4	69.6	28 600*	43.2	73.3	30 000	60.2	76.2	27 100b							28.0
30.0							14.1	64.3	26 200*	34.5	70.7	28 100	53.8	74.8	25 200b							30.0
32.0										22.8	66.9	26 300	46.7	73.1	23 500							32.0
34.0													38.6	70.8	22 000	56.3	73.8	19 700b				34.0
36.0													28.5	67.7	20 800	49.5	72.2	18 400				36.0
38.0													12.3	62.0	19 600	41.8	70.2	17 300				38.0
40.0																32.7	67.5	16 300	51.6	70.8	14 400b	40.0
42.0																20.2	63.3	15 400	44.3	68.9	13 600	42.0
44.0																			35.7	66.4	12 800	44.0
46.0																			24.7	62.8	11 900	46.0

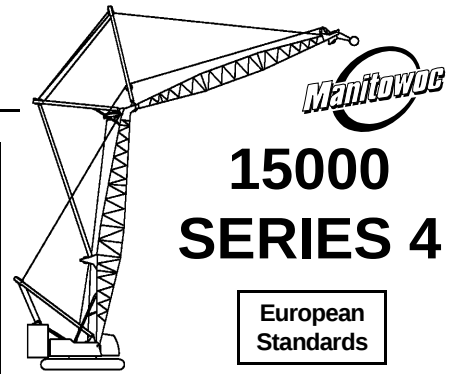
57.5m (189 Ft.) Boom, 24.4m (80 Ft.) Luffing Jib

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	42 800*b													20.0
22.0	44.1	76.6	31 600*	50.6	78.4	34 500*	59.3	80.2	38 100*b													22.0
24.0	36.7	74.2	28 600*	44.1	76.5	31 000*	53.6	78.9	34 300*	61.9	80.3	34 300b										24.0
26.0	27.6	70.9	25 900*	36.7	74.1	28 000*	47.4	77.2	31 100*	56.4	79.1	31 700										26.0
28.0				27.7	70.8	25 500*	40.5	75.0	28 300*	50.5	77.6	29 400										28.0
30.0				13.7	65.2	23 300*	32.5	72.2	26 000*	44.0	75.6	27 400	58.9	78.5	24 600							30.0
32.0							21.8	68.2	23 900*	36.6	73.2	25 700	53.2	77.1	22 900							32.0
34.0										27.5	69.9	24 100	47.0	75.4	21 500							34.0
36.0													40.0	73.2	20 200							36.0
38.0													31.8	70.4	19 000	49.4	74.5	16 800				38.0
40.0													20.8	66.1	18 000	42.8	72.6	15 800				40.0
42.0																35.1	70.0	15 000				42.0
44.0																25.6	66.4	14 100	44.9	71.2	12 300	44.0
46.0																			37.6	68.9	11 600	46.0
48.0																			28.8	65.7	10 900	48.0
50.0																			15.9	60.6	10 200	50.0

Liftcrane Luffing Jib Capacities

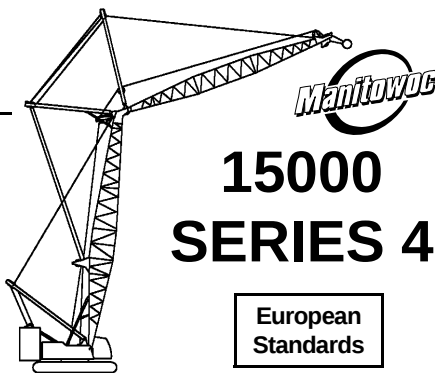
Luffing Jib No. 149A On Boom No. 57
107 680 kg Crane Counterweight
52 160 kg Carbody Counterweight
360 Degree Rating

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.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	
15.2	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	40 500* b													20.0
22.0	50.4	80.8	30 300*	55.7	82.2	34 400*	63.0	83.7	38 200* b													22.0
24.0	44.7	78.9	27 700*	50.4	80.7	30 800*	58.2	82.6	34 100*	65.3	83.7	33 700 b										24.0
26.0	38.3	76.6	25 300*	44.7	78.8	27 900*	53.1	81.2	30 900*	60.6	82.7	31 100										26.0
28.0	30.7	73.6	23 500*	38.3	76.5	25 400*	47.6	79.5	28 200*	55.6	81.4	28 900										28.0
30.0	20.8	69.3	21 400*	30.7	73.5	23 200*	41.6	77.4	25 800*	50.3	79.8	26 900										30.0
32.0				20.8	69.2	21 400*	34.7	74.7	23 800*	44.6	78.0	25 200	57.8	80.9	22 500							32.0
34.0							26.2	71.2	22 000*	38.1	75.6	23 600	52.7	79.4	21 000							34.0
36.0							13.3	65.4	20 400*	30.6	72.6	22 300	47.2	77.7	19 800							36.0
38.0										20.6	68.3	20 800	41.1	75.6	18 600							38.0
40.0													34.1	72.9	17 600	49.4	76.8	15 500				40.0
42.0													25.5	69.3	16 700	43.5	74.9	14 600				42.0
44.0													11.8	63.1	15 800	36.9	72.4	13 800				44.0
46.0																29.1	69.3	13 100	45.4	73.6	11 300	46.0
48.0																18.3	64.5	12 400	39.0	71.3	10 700	48.0
50.0																			31.7	68.4	10 100	50.0
52.0																			22.2	64.3	9 500	52.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A On Boom No. 57
107 680 kg Crane Counterweight
52 160 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

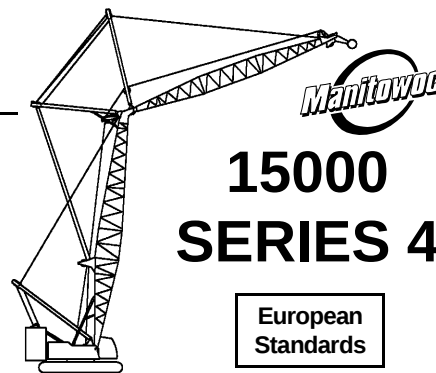
57.5m (189 Ft.) Boom, 30.5m (100 Ft.) Luffing Jib

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			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	
15.2	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	37 500* b													20.0
22.0	55.0	84.7	28 600*	59.6	85.9	33 800*	65.9	87.1	36 700* b													22.0
24.0	50.3	83.1	26 500*	55.1	84.6	30 600*	61.7	86.1	33 900*													24.0
26.0	45.1	81.2	24 400*	50.3	83.0	27 600*	57.3	84.9	30 500*	63.8	86.2	30 500										26.0
28.0	39.5	79.0	22 400*	45.1	81.1	25 100*	52.7	83.5	27 800*	59.5	85.1	28 200										28.0
30.0	33.0	76.2	20 800*	39.5	78.9	23 000*	47.7	81.8	25 500*	55.0	83.7	26 300										30.0
32.0	25.0	72.5	19 400*	33.0	76.1	21 100*	42.4	79.7	23 500*	50.2	82.2	24 600	61.4	84.4	21 900							32.0
34.0				25.0	72.3	19 400*	36.3	77.2	21 700*	45.0	80.3	23 100	57.0	83.2	20 500							34.0
36.0				13.1	66.3	18 000*	29.2	74.0	20 100*	39.4	78.0	21 700	52.3	81.7	19 200							36.0
38.0							19.9	69.5	18 700*	32.9	75.2	20 500	47.4	80.0	18 100							38.0
40.0										24.9	71.5	19 200*	42.0	77.9	17 100	54.2	80.8	14 900				40.0
42.0													35.9	75.4	16 200	49.3	79.1	14 100				42.0
44.0													28.7	72.1	15 300	44.1	77.2	13 300				44.0
46.0													19.1	67.4	14 500	38.3	74.9	12 600	50.8	77.7	10 800	46.0
48.0																31.6	71.9	11 900	45.7	75.9	10 200	48.0
50.0																23.2	67.9	11 300	40.1	73.7	9 600	50.0
52.0																			33.8	70.9	9 100	52.0
54.0																			26.1	67.3	8 600	54.0
56.0																			14.9	61.8	8 100	56.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A On Boom No. 57
107 680 kg Crane Counterweight
52 160 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

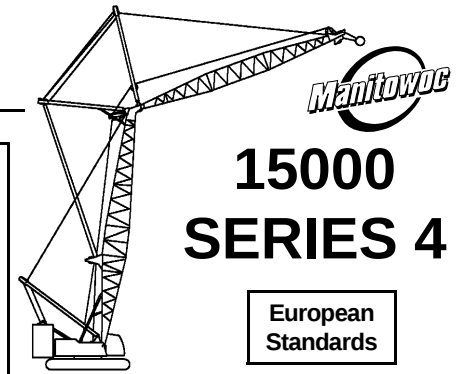
Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	
15.2	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	34 400*(b)													22.0
24.0	54.5	87.0	25 600*	58.6	88.2	30 000*	64.5	89.6	33 300*													24.0
26.0	50.2	85.4	23 400*	54.5	86.9	27 500*	60.6	88.5	30 400*	66.3	89.5	30 100										26.0
28.0	45.5	83.6	21 700*	50.2	85.3	25 000*	56.6	87.2	27 700*	62.5	88.6	27 900										28.0
30.0	40.4	81.4	20 000*	45.5	83.4	22 900*	52.4	85.8	25 400*	58.6	87.4	26 000										30.0
32.0	34.7	78.7	18 600*	40.4	81.2	21 000*	47.9	84.1	23 400*	54.4	86.0	24 300										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	22 800	60.3	86.8	20 200							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	21 500	56.3	85.5	19 000							36.0
38.0				19.3	70.5	16 700*	31.5	76.7	18 700*	40.3	80.4	20 200	52.0	84.0	17 900							38.0
40.0							24.0	72.7	17 400*	34.6	77.7	19 100	47.5	82.3	16 900							40.0
42.0							12.8	66.5	16 200*	27.9	74.3	17 900*	42.6	80.3	15 900	53.7	83.1	13 900				42.0
44.0										19.1	69.6	16 800*	37.2	77.8	15 100	49.3	81.4	13 100				44.0
46.0													31.0	74.8	14 300	44.6	79.5	12 400				46.0
48.0													23.4	70.8	13 600	39.4	77.2	11 700	50.7	80.0	10 000	48.0
50.0													11.5	64.2	12 900	33.5	74.5	11 100	46.0	78.2	9 500	50.0
52.0																26.6	70.9	10 600	41.0	76.0	9 000	52.0
54.0																17.1	65.7	10 000	35.4	73.4	8 500	54.0
56.0																			28.9	70.1	8 100	56.0
58.0																			20.4	65.7	7 500	58.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A On Boom No. 57
107 680 kg Crane Counterweight
52 160 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



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SERIES 4**

European
Standards

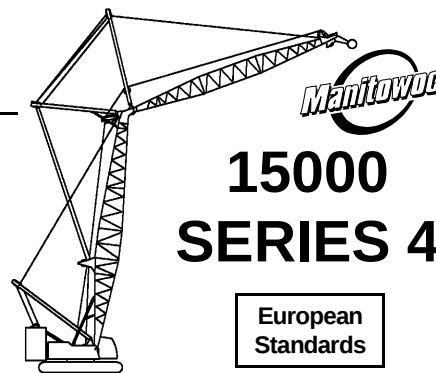
57.5m (189 Ft.) Boom, 36.6m (120 Ft.) Luffing Jib

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*(b)																15.2
16.0	71.8	94.6	27 700*(b)																16.0
18.0	68.5	93.8	27 000*	71.8	94.4	32 300*(b)													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	31 400*										24.0
26.0	54.1	89.3	22 600*	57.9	90.6	26 700*	63.3	92.0	30 100*										26.0
28.0	50.1	87.7	20 900*	54.1	89.2	24 600*	59.7	90.8	27 400*	65.0	92.0	27 300							28.0
30.0	45.8	85.9	19 300*	50.1	87.6	22 600*	56.0	89.6	25 100*	61.5	90.9	25 400							30.0
32.0	41.2	83.7	18 000*	45.8	85.7	20 700*	52.1	88.1	23 100*	57.8	89.7	23 800							32.0
34.0	36.1	81.2	16 700*	41.2	83.6	19 100*	48.0	86.4	21 300*	54.0	88.3	22 200							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	20 900	59.4	89.1	18 500				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	19 700	55.7	87.8	17 300				38.0
40.0				23.2	73.8	15 300*	33.3	79.2	17 100*	41.1	82.7	18 600	51.8	86.3	16 300				40.0
42.0				12.6	67.4	14 200*	26.9	75.7	16 000*	36.0	80.2	17 600	47.6	84.6	15 400				42.0
44.0							18.6	70.8	15 000*	30.2	77.0	16 500*	43.2	82.6	14 600	53.3	85.4	12 600	44.0
46.0										23.0	72.9	15 500*	38.3	80.2	13 800	49.3	83.7	11 900	46.0
48.0													32.9	77.4	13 100	44.9	81.8	11 300	48.0
50.0													26.4	73.8	12 500	40.3	79.6	10 700	50.0
52.0													17.9	68.7	11 900	35.1	77.0	10 100	52.0
54.0																29.1	73.7	9 600	54.0
56.0																21.5	69.3	9 200	56.0

Liftcrane Luffing Jib Capacities

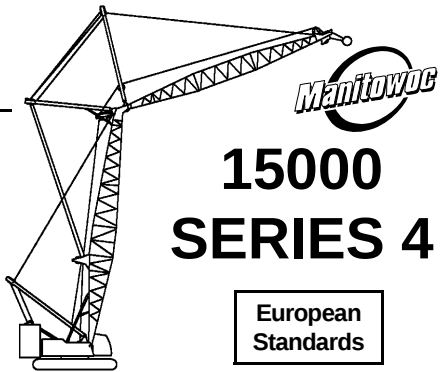
Luffing Jib No. 149A On Boom No. 57
107 680 kg Crane Counterweight
52 160 kg Carbody Counterweight
360 Degree Rating

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			70 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	
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	28 900*										26.0
28.0	53.7	91.6	20 300*	57.2	92.9	23 900*	62.3	94.4	27 300*	67.0	95.3	26 800							28.0
30.0	50.0	90.0	18 700*	53.7	91.5	22 200*	58.9	93.2	24 900*	63.9	94.4	24 900							30.0
32.0	46.0	88.2	17 400*	50.0	89.9	20 500*	55.5	91.9	22 900*	60.6	93.3	23 300							32.0
34.0	41.8	86.1	16 200*	46.1	88.1	18 900*	51.8	90.4	21 100*	57.2	92.1	21 800							34.0
36.0	37.2	83.6	15 100*	41.8	85.9	17 500*	48.0	88.7	19 600*	53.6	90.7	20 500							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	19 300	58.7	91.5	17 000				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	18 300	55.2	90.2	16 000				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	17 300	51.6	88.6	15 100				42.0
44.0				18.1	71.7	13 100*	29.2	78.4	14 800*	37.2	82.6	16 300	47.8	86.9	14 200				44.0
46.0							22.4	74.2	13 800*	32.0	79.6	15 300*	43.7	84.9	13 500	53.0	87.7	11 600	46.0
48.0							12.4	67.6	13 000*	25.9	75.9	14 400*	39.3	82.6	12 800	49.2	86.0	10 900	48.0
50.0										18.0	70.8	13 500*	34.4	79.9	12 100	45.3	84.2	10 300	50.0
52.0													28.7	76.6	11 600	41.0	82.0	9 800	52.0
54.0													21.8	72.2	11 000	36.3	79.4	9 300	54.0
56.0													11.3	65.2	10 500	31.0	76.3	8 800	56.0
58.0																24.7	72.5	8 400	58.0
60.0																16.2	66.9	8 000	60.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A On Boom No. 57
107 680 kg Crane Counterweight
52 160 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	

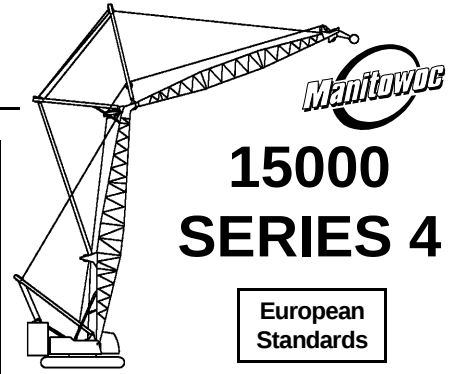
57.5m (189 Ft.) Boom, 42.7m (140 Ft.) Luffing Jib

Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			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	75.6	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	26 400*										28.0
30.0	53.4	93.9	18 100*	56.7	95.2	21 500*	61.4	96.7	24 600*	65.9	97.8	24 400							30.0
32.0	49.9	92.3	16 900*	53.4	93.8	20 000*	58.3	95.6	22 500*	62.9	96.8	22 800							32.0
34.0	46.3	90.5	15 700*	49.9	92.2	18 600*	55.0	94.2	20 800*	59.8	95.7	21 300							34.0
36.0	42.4	88.4	14 700*	46.3	90.4	17 200*	51.6	92.7	19 200*	56.6	94.4	20 000							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	18 800							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	17 800	58.0	93.8	15 500				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	16 800	54.8	92.5	14 600				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	15 900	51.4	90.9	13 800				44.0
46.0				21.7	75.2	11 900*	31.0	81.1	13 600*	38.1	85.0	15 000*	47.8	89.2	13 000	56.0	91.4	11 100	46.0
48.0				12.3	68.5	11 200*	25.2	77.3	12 700*	33.5	82.2	14 100*	44.1	87.2	12 400	52.7	90.0	10 500	48.0
50.0							17.6	72.0	11 900*	28.1	78.8	13 200*	40.0	85.0	11 700	49.2	88.3	9 900	50.0
52.0										21.6	74.3	12 400*	35.6	82.4	11 100	45.5	86.5	9 300	52.0
54.0													30.6	79.2	10 600	41.6	84.3	8 900	54.0
56.0													24.7	75.3	10 100	37.3	81.8	8 400	56.0
58.0													17.0	69.9	9 600	32.6	78.9	8 000	58.0
60.0																27.1	75.4	7 500	60.0
62.0																20.3	70.7	7 200	62.0
64.0																9.4	62.8	6 800	64.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A On Boom No. 57
107 680 kg Crane Counterweight
52 160 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, 45.7m (150 Ft.) Luffing Jib

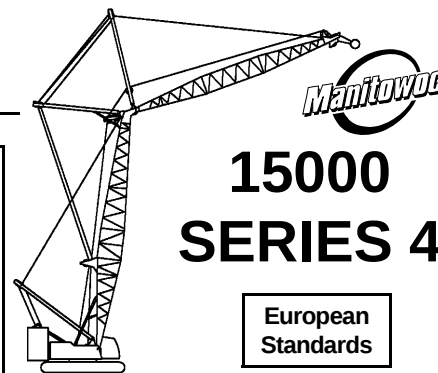
Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. 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	74.6	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	24 500*							28.0
30.0	56.2	97.7	17 700*	59.2	98.8	20 800*	63.5	100.2	24 200*							30.0
32.0	53.1	96.2	16 500*	56.2	97.6	19 500*	60.6	99.1	22 500*	64.8	100.2	22 500				32.0
34.0	49.8	94.6	15 400*	53.1	96.1	18 300*	57.7	97.9	20 800*	62.0	99.2	21 000				34.0
36.0	46.5	92.8	14 300*	49.8	94.5	17 000*	54.6	96.5	19 200*	59.1	98.0	19 700				36.0
38.0	42.9	90.7	13 500*	46.5	92.7	15 900*	51.5	95.0	17 800*	56.1	96.7	18 600				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	17 500	60.4	97.4	15 200	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	16 500	57.4	96.2	14 400	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	15 700	54.4	94.8	13 500	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	14 900	51.2	93.2	12 800	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	14 000*	47.9	91.5	12 100	48.0
50.0				17.2	73.0	10 400*	27.4	80.1	11 900*	34.7	84.7	13 200*	44.4	89.6	11 500	50.0
52.0							21.1	75.6	11 100*	29.9	81.5	12 400*	40.7	87.3	10 900	52.0
54.0							12.1	68.7	10 500*	24.3	77.5	11 700*	36.6	84.8	10 400	54.0
56.0										17.1	72.1	11 000*	32.1	81.8	9 900	56.0
58.0													27.0	78.2	9 400	58.0
60.0													20.6	73.6	8 900	60.0
62.0													11.2	66.3	8 500	62.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A On Boom No. 57
107 680 kg Crane Counterweight
52 160 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



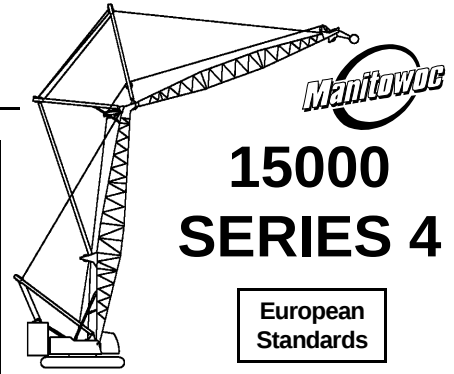
57.5m (189 Ft.) Boom, 48.8m (160 Ft.) Luffing Jib

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	22 500*							30.0
32.0	55.7	100.0	16 000*	58.5	101.2	18 800*	62.6	102.6	22 200*	66.5	103.6	21 900				32.0
34.0	52.8	98.5	14 900*	55.7	99.9	17 600*	59.9	101.5	20 400*	63.9	102.6	20 500				34.0
36.0	49.8	96.9	13 900*	52.8	98.4	16 500*	57.1	100.2	18 900*	61.2	101.6	19 200				36.0
38.0	46.6	95.1	13 100*	49.8	96.8	15 500*	54.3	98.8	17 500*	58.5	100.4	18 100				38.0
40.0	43.3	93.1	12 200*	46.6	95.0	14 500*	51.3	97.3	16 300*	55.7	99.1	17 000	62.4	100.9	14 800	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	16 100	59.7	99.8	13 900	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	15 200	56.9	98.5	13 100	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	14 400	54.1	97.1	12 400	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	13 700	51.1	95.6	11 700	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	12 900*	48.0	93.8	11 100	50.0
52.0				20.6	76.6	9 500*	29.1	82.9	10 900*	35.7	87.2	12 100*	44.7	91.9	10 500	52.0
54.0				12.0	69.6	8 900*	23.8	78.8	10 200*	31.4	84.1	11 400*	41.2	89.7	9 900	54.0
56.0							16.9	73.2	9 600*	26.5	80.4	10 700*	37.5	87.2	9 400	56.0
58.0										20.5	75.7	10 100*	33.4	84.4	9 000	58.0
60.0													28.8	81.0	8 500	60.0
62.0													23.3	76.8	8 100	62.0
64.0													16.2	71.1	7 800	64.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A On Boom No. 57
107 680 kg Crane Counterweight
52 160 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

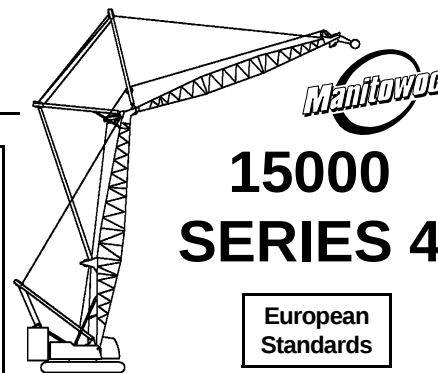
Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Jib Point Elev. 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	74.7	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	20 800*	67.9	106.9	21 500				32.0
34.0	55.4	102.3	14 500*	58.0	103.5	17 100*	61.9	105.0	20 300*	65.5	106.0	20 100				34.0
36.0	52.6	100.8	13 600*	55.4	102.2	16 000*	59.3	103.8	18 600*	63.1	105.0	18 800				36.0
38.0	49.7	99.2	12 700*	52.6	100.7	15 100*	56.7	102.6	17 300*	60.6	103.9	17 700				38.0
40.0	46.8	97.4	11 900*	49.7	99.1	14 200*	54.0	101.2	16 000*	58.0	102.7	16 700				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	15 700	61.7	103.3	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	14 900	59.1	102.1	12 700	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	14 100	56.5	100.8	12 000	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	13 300	53.8	99.4	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	12 600	51.0	97.8	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	11 900*	48.0	96.1	10 100	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	11 200*	45.0	94.2	9 600	54.0
56.0				16.6	74.2	8 100*	25.9	81.7	9 400*	32.7	86.7	10 500*	41.7	92.0	9 100	56.0
58.0							20.1	76.9	8 800*	28.3	83.2	9 900*	38.3	89.6	8 600	58.0
60.0							11.9	69.7	8 200*	23.1	79.0	9 300*	34.5	86.9	8 200	60.0
62.0										16.4	73.2	8 800*	30.3	83.7	7 800	62.0
64.0													25.5	79.8	7 400	64.0
66.0													19.6	74.9	7 100	66.0
68.0													11.0	67.4	6 700	68.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A On Boom No. 57
107 680 kg Crane Counterweight
52 160 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



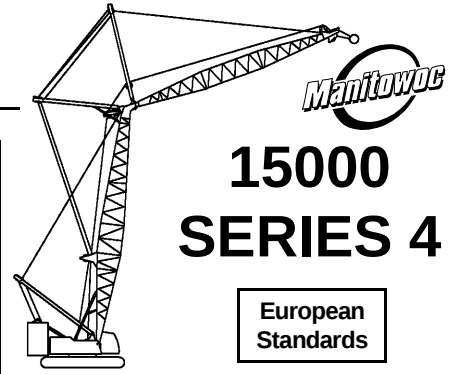
57.5m (189 Ft.) Boom, 54.9m (180 Ft.) Luffing Jib

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.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	
18.3	75.5	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	19 100*	67.0	109.3	19 600	34.0
36.0	55.0	104.6	13 100*	57.5	105.9	15 500*	61.2	107.3	18 400*	64.7	108.4	18 400	36.0
38.0	52.4	103.2	12 300*	55.0	104.5	14 600*	58.8	106.2	16 900*	62.3	107.4	17 200	38.0
40.0	49.7	101.5	11 600*	52.4	103.0	13 800*	56.3	104.9	15 700*	59.9	106.3	16 200	40.0
42.0	46.9	99.7	10 900*	49.7	101.4	12 900*	53.7	103.5	14 600*	57.5	105.0	15 300	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	14 400	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	13 600	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	12 900	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	12 200	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	11 500*	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	10 800*	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	10 200*	56.0
58.0				19.7	77.9	7 300*	27.6	84.6	8 500*	33.8	89.2	9 600*	58.0
60.0				11.8	70.7	6 800*	22.6	80.2	8 000*	29.8	85.9	9 000*	60.0
62.0							16.2	74.4	7 500*	25.2	82.0	8 500*	62.0
64.0							3.5	62.4	7 000*	19.6	77.0	8 000*	64.0

Liftcrane Luffing Jib Capacities

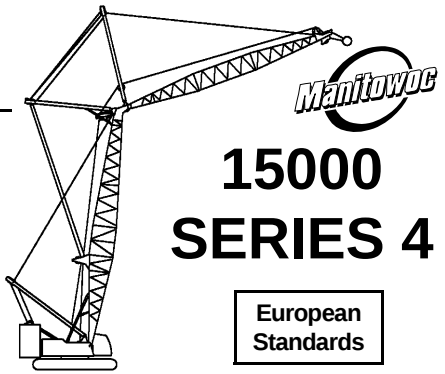
Luffing Jib No. 149A On Boom No. 57
107 680 kg Crane Counterweight
52 160 kg Carbody Counterweight
360 Degree Rating

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.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	
19.8	74.8	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	17 500*	66.1	111.8	18 100	36.0
38.0	54.7	107.0	12 000*	57.1	108.2	14 100*	60.6	109.7	16 800*	63.9	110.8	17 000	38.0
40.0	52.2	105.5	11 300*	54.7	106.8	13 300*	58.3	108.5	15 600*	61.7	109.8	16 000	40.0
42.0	49.7	103.8	10 600*	52.2	105.3	12 600*	55.9	107.2	14 500*	59.4	108.6	15 000	42.0
44.0	47.0	102.0	10 000*	49.7	103.7	11 900*	53.5	105.8	13 500*	57.1	107.4	14 200	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	13 400	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	12 700	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	12 000	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	11 400	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	10 700*	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	10 100*	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	9 500*	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	8 900*	60.0
62.0				16.0	75.4	6 200*	24.7	83.3	7 400*	31.1	88.5	8 400*	62.0
64.0				4.3	63.7	5 800*	19.3	78.2	6 900*	26.9	84.8	7 900*	64.0
66.0							11.7	70.8	6 500*	22.1	80.4	7 400*	66.0
68.0										15.9	74.4	7 000*	68.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A On Boom No. 57
107 680 kg Crane Counterweight
52 160 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		

60.5m (198 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	60.3	81.2	36 500*b																			15.2
16.0	57.9	80.8	35 900*b																			16.0
18.0	51.2	79.3	34 500*b	58.2	80.7	41 800*b																18.0
20.0	43.8	77.4	33 500*	51.6	79.2	38 400*b	61.8	81.1	42 300*b													20.0
22.0	35.1	74.9	31 800*	44.2	77.4	34 200*	55.5	79.8	37 700*b													22.0
24.0	23.8	71.2	28 400*	35.6	74.9	30 700*	48.5	78.2	33 900*	59.1	80.1	34 100b										24.0
26.0				24.5	71.3	27 800*	40.7	76.1	30 800*	52.5	78.6	31 500b										26.0
28.0							31.4	73.2	28 100*	45.3	76.8	29 300										28.0
30.0							17.9	68.6	25 700*	36.9	74.4	27 300	56.3	78.3	24 300b							30.0
32.0										26.3	71.1	25 600	49.5	76.7	22 700							32.0
34.0													41.9	74.7	21 300							34.0
36.0													32.8	72.0	20 000	53.1	75.9	17 600b				36.0
38.0													20.2	67.7	18 900	45.9	74.1	16 500				38.0
40.0																37.6	71.8	15 600				40.0
42.0																27.3	68.5	14 700	49.0	72.9	12 700	42.0
44.0																8.9	62.0	13 900	41.3	70.8	12 000	44.0
46.0																			32.1	68.0	11 300	46.0
48.0																			19.1	63.6	10 700	48.0

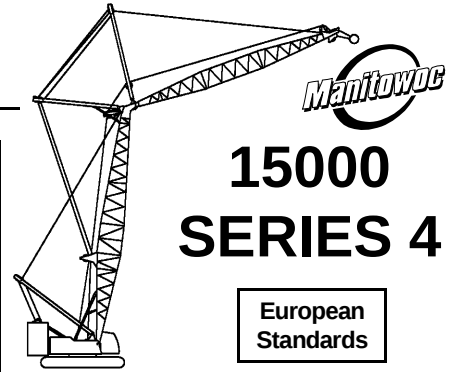
60.5m (198 Ft.) Boom, 24.4m (80 Ft.) Luffing Jib

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	64.3	84.7	34 200*b																			15.2
16.0	62.3	84.3	33 600*b																			16.0
18.0	56.8	83.1	32 300*	62.6	84.2	39 200*b																18.0
20.0	50.9	81.6	31 200*	57.1	83.1	37 600*b	65.6	84.5	39 900*b													20.0
22.0	44.5	79.7	30 000*	51.2	81.6	34 000*	60.3	83.4	37 600*b													22.0
24.0	37.1	77.3	27 800*	44.8	79.7	30 400*	54.7	82.1	33 600*	63.3	83.6	33 400b										24.0
26.0	28.2	74.1	25 500*	37.6	77.3	27 500*	48.6	80.5	30 400*	57.9	82.4	30 800b										26.0
28.0				28.7	74.2	25 000*	41.9	78.4	27 800*	52.1	80.9	28 600										28.0
30.0				15.8	69.0	22 900*	34.1	75.8	25 500*	45.8	79.1	26 700										30.0
32.0							24.1	72.0	23 400*	38.6	76.9	25 000	55.4	80.6	22 100							32.0
34.0										30.1	73.8	23 500	49.4	79.0	20 700							34.0
36.0										18.1	69.2	22 000	42.8	77.0	19 500							36.0
38.0													35.2	74.5	18 300	52.6	78.2	16 000				38.0
40.0													25.6	70.9	17 300	46.3	76.4	15 100				40.0
42.0																39.2	74.2	14 200				42.0
44.0																30.8	71.3	13 400				44.0
46.0																19.3	66.8	12 700	42.3	73.2	10 800	46.0
48.0																			34.6	70.6	10 200	48.0
50.0																			24.9	66.9	9 700	50.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A On Boom No. 57
107 680 kg Crane Counterweight
52 160 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	



60.5m (198 Ft.) Boom, 27.4m (90 Ft.) Luffing Jib

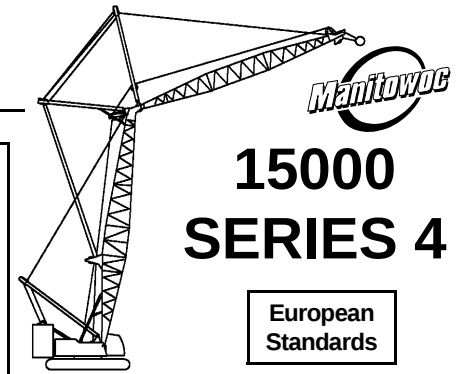
Jib Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			65 Degree Boom Angle			Jib Oper. Rad. m
	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity 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	
15.2	67.4	88.1	32 100*(b)																			15.2
16.0	65.6	87.7	31 600*(b)																			16.0
18.0	60.9	86.7	30 400*	65.9	87.7	36 900*(b)																18.0
20.0	56.0	85.4	29 300*	61.2	86.6	35 600*(b)	68.5	87.8	37 400*(b)													20.0
22.0	50.7	83.9	28 400*	56.2	85.4	33 700*	63.9	86.9	36 300*(b)													22.0
24.0	45.0	82.0	26 700*	51.0	83.8	30 300*	59.1	85.8	33 500*													24.0
26.0	38.6	79.7	24 500*	45.3	82.0	27 400*	54.1	84.4	30 300*	61.8	85.9	30 300(b)										26.0
28.0	31.2	76.8	22 800*	39.0	79.7	24 900*	48.6	82.8	27 600*	56.9	84.7	28 100										28.0
30.0	21.4	72.6	21 100*	31.6	76.8	22 800*	42.7	80.8	25 300*	51.7	83.2	26 200										30.0
32.0				22.1	72.7	20 900*	36.0	78.2	23 300*	46.1	81.4	24 500	59.8	84.2	21 700							32.0
34.0							27.9	74.9	21 500*	39.9	79.2	23 000	54.7	82.9	20 300							34.0
36.0							16.4	69.8	20 000*	32.7	76.4	21 700	49.4	81.3	19 100							36.0
38.0										23.6	72.6	20 400	43.5	79.3	17 900							38.0
40.0													37.0	76.9	16 900	52.2	80.5	14 700				40.0
42.0													29.1	73.7	16 000	46.6	78.7	13 900				42.0
44.0													18.4	69.0	15 200	40.4	76.6	13 100				44.0
46.0																33.3	73.8	12 400	49.0	77.5	10 500	46.0
48.0																24.4	70.1	11 700	43.1	75.5	9 900	48.0
50.0																9.2	63.1	11 100	36.5	73.0	9 400	50.0
52.0																			28.5	69.8	8 900	52.0
54.0																			17.5	64.9	8 400	54.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A On Boom No. 57
107 680 kg Crane Counterweight
52 160 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



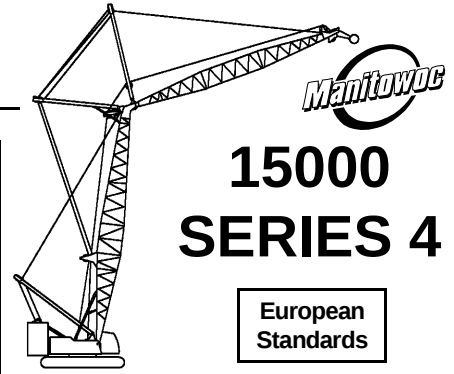
60.5m (198 Ft.) Boom, 30.5m (100 Ft.) Luffing Jib

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.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	
15.2	69.7	91.4	30 000*(b)																15.2
16.0	68.2	91.1	29 600*(b)																16.0
18.0	64.1	90.2	28 500*	68.4	91.0	34 500*(b)													18.0
20.0	59.8	89.1	27 600*	64.3	90.1	33 500*													20.0
22.0	55.3	87.7	26 700*	60.0	89.0	32 100*	66.7	90.3	34 100*(b)										22.0
24.0	50.5	86.2	25 500*	55.5	87.7	29 800*	62.5	89.3	32 800*										24.0
26.0	45.4	84.3	23 500*	50.8	86.2	27 000*	58.1	88.1	29 900*	64.9	89.4	29 600							26.0
28.0	39.8	82.1	21 800*	45.7	84.3	24 600*	53.6	86.7	27 200*	60.6	88.3	27 500							28.0
30.0	33.3	79.3	20 200*	40.1	82.1	22 500*	48.7	85.1	25 000*	56.2	87.0	25 600							30.0
32.0	25.5	75.7	19 000*	33.7	79.4	20 700*	43.4	83.1	23 000*	51.5	85.5	23 900							32.0
34.0				26.0	75.8	19 000*	37.5	80.7	21 200*	46.4	83.7	22 500	58.7	86.6	19 700				34.0
36.0				14.8	70.2	17 600*	30.7	77.7	19 700*	40.9	81.6	21 100	54.2	85.2	18 500				36.0
38.0							21.9	73.5	18 300*	34.7	78.9	20 000	49.3	83.6	17 400				38.0
40.0										27.2	75.5	18 700*	44.1	81.7	16 400	56.5	84.3	14 200	40.0
42.0										16.8	70.4	17 500*	38.3	79.3	15 500	51.8	82.8	13 400	42.0
44.0													31.6	76.4	14 700	46.8	81.1	12 600	44.0
46.0													23.3	72.4	14 000	41.4	78.9	11 900	46.0
48.0																35.2	76.3	11 300	48.0
50.0																27.8	73.0	10 700	50.0
52.0																17.8	68.1	10 200	52.0

Liftcrane Luffing Jib Capacities

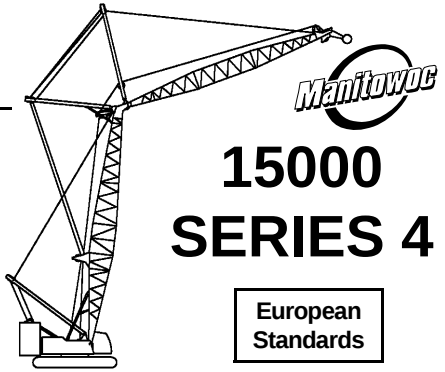
Luffing Jib No. 149A On Boom No. 57
107 680 kg Crane Counterweight
52 160 kg Carbody Counterweight
360 Degree Rating

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	



60.5m (198 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.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	
15.2	71.7	94.6	28 100* ^b																15.2
16.0	70.3	94.3	27 700* ^b																16.0
18.0	66.6	93.5	26 800*	70.5	94.2	32 300* ^b													18.0
20.0	62.8	92.6	26 000*	66.8	93.4	31 400*													20.0
22.0	58.9	91.4	25 200*	63.0	92.5	30 400*	68.9	93.6	31 800* ^b										22.0
24.0	54.7	90.1	24 300*	59.1	91.3	28 700*	65.2	92.7	31 300*										24.0
26.0	50.4	88.5	22 600*	55.0	90.0	26 500*	61.3	91.7	29 800*	67.3	92.7	29 200							26.0
28.0	45.7	86.7	20 900*	50.6	88.4	24 500*	57.3	90.5	27 100*	63.5	91.8	27 100							28.0
30.0	40.7	84.5	19 500*	46.0	86.6	22 500*	53.2	89.0	24 900*	59.6	90.7	25 300							30.0
32.0	35.0	81.8	18 100*	41.0	84.5	20 600*	48.7	87.4	22 900*	55.5	89.4	23 600							32.0
34.0	28.4	78.5	17 100*	35.4	81.9	19 000*	43.9	85.4	21 100*	51.2	87.8	22 200	61.9	90.1	19 500				34.0
36.0	19.8	73.9	16 100*	28.8	78.6	17 600*	38.7	83.1	19 600*	46.7	86.1	20 800	57.9	88.9	18 200				36.0
38.0				20.4	74.1	16 300*	32.7	80.2	18 300*	41.7	83.9	19 700	53.7	87.5	17 200				38.0
40.0							25.5	76.5	17 000*	36.2	81.4	18 600	49.3	85.9	16 200				40.0
42.0							15.4	71.0	15 900*	29.8	78.2	17 500*	44.6	84.0	15 300				42.0
44.0										21.7	74.0	16 400*	39.4	81.7	14 500	51.6	85.1	12 400	44.0
46.0													33.6	78.9	13 700	47.0	83.4	11 700	46.0
48.0													26.6	75.4	13 000	42.1	81.3	11 100	48.0
50.0													17.1	70.2	12 400	36.6	78.8	10 500	50.0
52.0																30.3	75.7	10 000	52.0
54.0																22.4	71.5	9 400	54.0
56.0																9.4	64.2	9 000	56.0



Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A On Boom No. 57
107 680 kg Crane Counterweight
52 160 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		

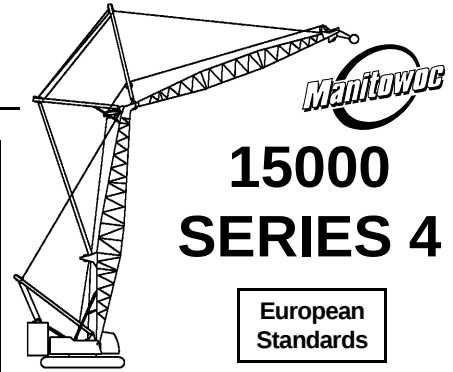
60.5m (198 Ft.) Boom, 36.6m (120 Ft.) Luffing Jib

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	73.2	97.8	26 200*(b)																15.2
16.0	72.0	97.6	25 900*(b)																16.0
18.0	68.7	96.8	25 200*																18.0
20.0	65.2	96.0	24 400*	68.8	96.7	29 500*													20.0
22.0	61.7	94.9	23 700*	65.4	95.9	28 700*													22.0
24.0	58.1	93.7	23 000*	61.9	94.9	27 400*	67.4	96.1	29 200*										24.0
26.0	54.3	92.4	21 800*	58.3	93.7	25 500*	63.9	95.1	28 600*										26.0
28.0	50.3	90.8	20 100*	54.5	92.3	23 700*	60.4	94.1	26 900*	65.9	95.2	26 500							28.0
30.0	46.0	89.0	18 700*	50.5	90.7	22 000*	56.7	92.8	24 500*	62.4	94.2	24 700							30.0
32.0	41.4	86.8	17 400*	46.3	88.9	20 300*	52.8	91.3	22 600*	58.8	93.0	23 100							32.0
34.0	36.4	84.3	16 200*	41.7	86.8	18 700*	48.7	89.7	20 800*	55.0	91.7	21 700							34.0
36.0	30.6	81.2	15 300*	36.7	84.3	17 300*	44.4	87.7	19 300*	51.1	90.1	20 300	60.9	92.5	17 700				36.0
38.0	23.6	77.2	14 600*	30.9	81.3	16 100*	39.6	85.5	17 900*	46.9	88.4	19 200	57.2	91.3	16 600				38.0
40.0				24.0	77.3	14 900*	34.3	82.7	16 700*	42.4	86.3	18 100	53.3	89.8	15 700				40.0
42.0				14.1	71.3	13 900*	28.2	79.4	15 600*	37.4	83.8	17 100	49.3	88.2	14 800				42.0
44.0							20.4	74.8	14 600*	31.8	80.9	16 100*	45.0	86.3	14 000	55.3	88.9	11 900	44.0
46.0										25.1	77.1	15 100*	40.3	84.1	13 300	51.4	87.4	11 200	46.0
48.0										15.8	71.5	14 200*	35.1	81.4	12 600	47.2	85.7	10 600	48.0
50.0													29.1	78.2	12 000	42.7	83.6	10 000	50.0
52.0													21.6	73.8	11 400	37.8	81.2	9 500	52.0
54.0																32.3	78.3	9 000	54.0
56.0																25.7	74.6	8 600	56.0
58.0																16.7	69.2	8 100	58.0

Liftcrane Luffing Jib Capacities

Luffing Jib No. 149A On Boom No. 57
107 680 kg Crane Counterweight
52 160 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		



60.5m (198 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.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	Jib Ang. Deg.	Point Elev. m	Luffing Jib Capacity Kilograms	
15.2	74.6	101.0	24 400*(b)																15.2
16.0	73.4	100.8	24 200*(b)																16.0
18.0	70.4	100.1	23 600*																18.0
20.0	67.3	99.3	23 000*	70.5	100.0	27 500*													20.0
22.0	64.1	98.4	22 300*	67.4	99.2	26 900*													22.0
24.0	60.8	97.3	21 700*	64.2	98.3	26 200*	69.2	99.3	27 000*										24.0
26.0	57.4	96.1	21 100*	61.0	97.2	24 600*	66.1	98.5	26 700*										26.0
28.0	53.9	94.7	19 700*	57.6	96.0	23 000*	62.9	97.5	26 200*										28.0
30.0	50.2	93.1	18 300*	54.1	94.6	21 500*	59.5	96.4	24 500*	64.7	97.6	24 300							30.0
32.0	46.3	91.3	17 000*	50.4	93.1	20 000*	56.1	95.1	22 500*	61.4	96.6	22 600							32.0
34.0	42.1	89.2	15 900*	46.5	91.2	18 600*	52.5	93.7	20 700*	58.1	95.4	21 200							34.0
36.0	37.5	86.7	14 800*	42.3	89.2	17 200*	48.7	92.0	19 200*	54.6	94.0	19 900							36.0
38.0	32.4	83.8	14 000*	37.7	86.7	15 900*	44.7	90.1	17 800*	50.9	92.4	18 800	60.0	94.9	16 300				38.0
40.0	26.4	80.2	13 300*	32.7	83.8	14 800*	40.4	87.8	16 600*	47.0	90.7	17 700	56.6	93.6	15 300				40.0
42.0	18.6	75.2	12 600*	26.7	80.2	13 800*	35.7	85.2	15 500*	42.9	88.6	16 700	53.0	92.2	14 500				42.0
44.0				19.1	75.4	12 800*	30.3	82.1	14 500*	38.4	86.2	15 900	49.3	90.5	13 600				44.0
46.0							23.8	78.1	13 500*	33.4	83.4	14 900*	45.3	88.6	12 900	54.8	91.3	10 900	46.0
48.0							14.7	72.1	12 700*	27.6	79.9	14 000*	41.0	86.4	12 200	51.2	89.7	10 300	48.0
50.0										20.3	75.3	13 200*	36.3	83.9	11 600	47.3	88.0	9 700	50.0
52.0													31.0	80.8	11 100	43.2	85.9	9 200	52.0
54.0													24.7	77.0	10 500	38.8	83.6	8 700	54.0
56.0													16.2	71.4	10 000	33.8	80.8	8 300	56.0
58.0																28.1	77.4	7 800	58.0
60.0																21.0	72.9	7 400	60.0