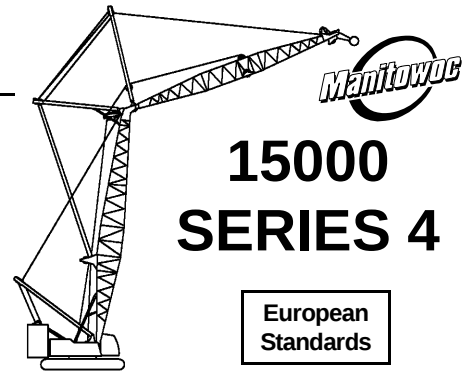


Liftcrane Luffing Jib Intermediate Fall Capacities

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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LIFTING CAPACITIES: Lifting capacities for various boom lengths, boom angles, luffing jib lengths and intermediate fall operating radii are for freely suspended loads and are calculated to comply with EN 13000, ISO 4305 and include factors based on a 4.0 degree tipping angle. Capacities based on structural competence are denoted by an asterisk (*). **Capacities indicated by (b) require 1 180 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).

Weight of all load blocks, hooks, weight ball, slings, hoist lines, etc. beneath boom and intermediate fall sheaves is considered part of intermediate fall load. 1 770 kg suspended beneath luffing jib point sheaves has been included in capacity determination. Boom and luffing jib are not to be lowered beyond radii where combined weights are greater than rated capacity. Where no capacity is shown, operation is not intended or approved.

OPERATING CONDITIONS: Machine to operate on a firm uniformly supporting surface with gantry up and bearing turntable level within a tolerance of 13 mm in 3m and properly supported. During operation, boom must be maintained at one of the selected angles shown in chart. Refer to 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.

INTERMEDIATE FALL ELEVATION: Intermediate fall elevation is vertical distance from ground level to centerline of intermediate fall shaft.

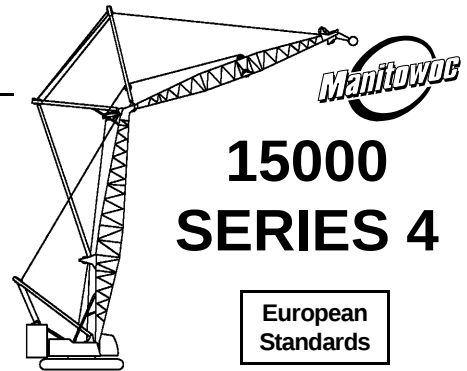
MACHINE EQUIPMENT: Machine equipped with 8 585 mm crawlers, 1 219 mm treads, 3 124 mm retractable gantry, 9 144 mm live mast, 20 part boom hoist reeving, boom support straps, 9 part luffing jib hoist reeving, luffing jib and backstay support straps, 107 680 kg crane counterweight and 52 160 kg carbody counterweight.

Consult chart **No. 8628-AM** for luffing jib capacities.

Liftcrane Luffing Jib Intermediate Fall 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



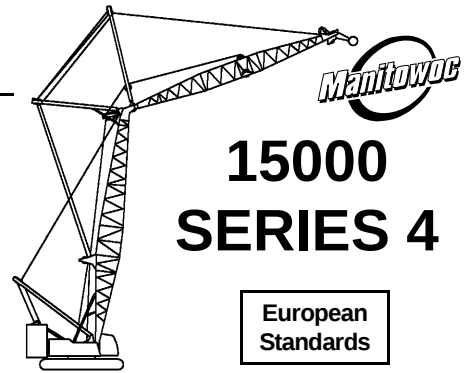
24.5m (80 Ft.) Boom, 21.3m (70 Ft.) Luffing Jib

Int. Fall Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Int. Fall Oper. Rad. m		
	Jib		Intermediate Fall	Jib		Intermediate Fall	Jib		Intermediate Fall	Jib		Intermediate Fall	Jib		Intermediate Fall	Jib		Intermediate Fall			
	Ang. Deg.	Elev. m		Capacity Kilograms	Ang. Deg.		Elev. m	Capacity Kilograms		Ang. Deg.	Elev. m		Capacity Kilograms	Ang. Deg.		Elev. m	Capacity Kilograms			Ang. Deg.	Elev. m
10.7	56.3	36.6	16 300*	61.1	37.1	19 000* b															
11.0	54.3	36.4	15 500*	59.3	36.9	18 000* b															
12.0	47.9	35.5	13 300*	53.4	36.2	15 100*															
13.0	40.7	34.3	11 400*	46.9	35.2	12 900*													55.0	36.2	16 000*
14.0				39.5	34.1	11 200*													48.7	35.4	13 400*
15.0				30.6	32.5	9 900*	41.7	34.2	11 700*	50.4	35.4	14 200*									
16.0							33.3	32.8	10 200*	43.6	34.3	12 100*									
17.0										35.6	33.0	10 600*							57.0	35.7	17 000* b
18.0										25.3	31.1	9 300*							50.9	34.9	14 200*
19.0																			50.9	34.9	14 200*
20.0													44.1	33.9	12 300*	51.0	34.2	14 500*	19.0		
21.0													36.3	32.6	10 700*				44.3	33.2	12 400*
																36.5	31.9	10 800*	21.0		

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

Int. Fall Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Int. Fall Oper. Rad. m						
	Jib		Intermediate Fall	Jib		Intermediate Fall	Jib		Intermediate Fall	Jib		Intermediate Fall	Jib		Intermediate Fall	Jib		Intermediate Fall							
	Ang. Deg.	Elev. m		Capacity Kilograms	Ang. Deg.		Elev. m	Capacity Kilograms		Ang. Deg.	Elev. m		Capacity Kilograms	Ang. Deg.		Elev. m	Capacity Kilograms			Ang. Deg.	Elev. m	Capacity Kilograms	Ang. Deg.	Elev. m	Capacity Kilograms
9.1	64.8	37.6	18 300* b																9.1						
10.0	60.1	37.1	15 700*																10.0						
11.0	54.3	36.4	12 900*																59.3	36.9	15 100*	66.3	37.5	19 800* b	11.0
12.0	47.9	35.5	10 900*																53.4	36.2	12 700*	60.8	36.9	16 000*	12.0
13.0	40.7	34.3	9 500*																46.9	35.2	10 700*	55.0	36.2	13 100*	62.3
14.0				39.5	34.1	9 300*	48.7	35.4	11 200*	56.6	36.2	13 800*							14.0						
15.0				30.6	32.5	8 100*	41.7	34.2	9 700*	50.4	35.4	11 700*							15.0						
16.0							33.3	32.8	8 400*	43.6	34.3	10 100*							57.0	35.7	14 300*	16.0			
17.0										35.6	33.0	8 800*							50.9	34.9	11 900*	17.0			
18.0										25.3	31.1	7 600*							44.1	33.9	10 200*	18.0			
19.0													36.3	32.6	8 800*	51.0	34.2	12 100*	19.0						
20.0																44.3	33.2	10 300*	20.0						
21.0																36.5	31.9	8 900*	21.0						

Capacities indicated by (b) require 1 180 kg minimum block weight.
Capacities based on structural competence are denoted by an asterisk (*).



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

Int. Fall Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Int. Fall Oper. Rad. m
	Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		
		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms	
9.1	64.8	37.6	16 300*															9.1	
10.0	60.1	37.1	13 900*															10.0	
11.0	54.3	36.4	11 300*	59.3	36.9	13 400*	66.3	37.5	17 600*									11.0	
12.0	47.9	35.5	9 600*	53.4	36.2	11 200*	60.8	36.9	14 100*									12.0	
13.0	40.7	34.3	8 300*	46.9	35.2	9 400*	55.0	36.2	11 500*	62.3	36.9	15 100*						13.0	
14.0				39.5	34.1	8 100*	48.7	35.4	9 800*	56.6	36.2	12 100*						14.0	
15.0				30.6	32.5	7 000*	41.7	34.2	8 400*	50.4	35.4	10 200*						15.0	
16.0							33.3	32.8	7 300*	43.6	34.3	8 800*	57.0	35.7	12 600*			16.0	
17.0										35.6	33.0	7 600*	50.9	34.9	10 400*			17.0	
18.0										25.3	31.1	6 600*	44.1	33.9	8 900*			18.0	
19.0													36.3	32.6	7 700*	51.0	34.2	10 600*	19.0
20.0																44.3	33.2	9 000*	20.0
21.0																36.5	31.9	7 700*	21.0

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

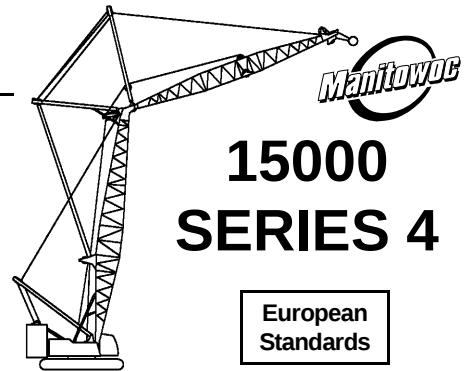
Int. Fall Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Int. Fall Oper. Rad. m
	Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		
		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms	
9.1	70.2	41.0	23 300*															9.1	
10.0	66.7	40.6	19 900*															10.0	
11.0	62.4	40.0	16 200*	66.1	40.4	19 200*												11.0	
12.0	57.9	39.4	13 800*	61.8	39.9	16 000*												12.0	
13.0	53.2	38.7	11 900*	57.3	39.2	13 500*	63.0	39.9	16 900*									13.0	
14.0	48.1	37.8	10 400*	52.5	38.5	11 700*	58.5	39.3	14 100*	64.1	39.8	17 600*						14.0	
15.0	42.6	36.7	9 200*	47.3	37.5	10 300*	53.8	38.5	12 200*	59.7	39.2	14 900*						15.0	
16.0	36.2	35.4	8 200*	41.7	36.4	9 100*	48.8	37.7	10 700*	55.1	38.5	12 700*						16.0	
17.0				35.2	35.1	8 000*	43.3	36.6	9 400*	50.1	37.7	11 100*	60.0	38.7	15 100*			17.0	
18.0				27.4	33.2	7 200*	37.1	35.3	8 300*	44.8	36.7	9 700*	55.4	38.0	12 900*			18.0	
19.0							29.7	33.7	7 400*	38.8	35.5	8 600*	50.5	37.2	11 200*			19.0	
20.0										31.8	33.9	7 600*	45.2	36.2	9 800*	55.5	37.4	13 000*	20.0
21.0										22.8	31.8	6 800*	39.3	35.0	8 700*	50.6	36.5	11 300*	21.0
22.0													32.4	33.5	7 700*	45.3	35.6	9 900*	22.0
23.0																39.4	34.4	8 700*	23.0
24.0																32.6	32.9	7 800*	24.0

Capacities indicated by (b) require 1 180 kg minimum block weight.
Capacities based on structural competence are denoted by an asterisk (*).

Liftcrane Luffing Jib Intermediate Fall 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		



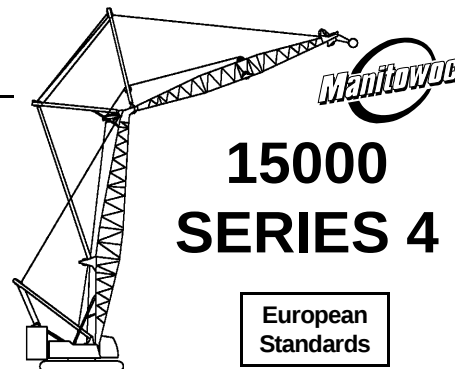
24.5m (80 Ft.) Boom, 33.5m (110 Ft.) Luffing Jib

Int. Fall Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Int. Fall Oper. Rad. m			
	Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall					
		Ang. Deg.	Elev. m		Capacity Kilograms	Ang. Deg.		Elev. m	Capacity Kilograms		Ang. Deg.	Elev. m		Capacity Kilograms	Ang. Deg.		Elev. m	Capacity Kilograms		Ang. Deg.	Elev. m	Capacity Kilograms
7.6	72.8	38.3	22 500* b																7.6			
8.0	70.8	38.1	20 700* b																8.0			
9.0	65.6	37.7	16 000*																9.0			
10.0	60.1	37.1	12 700*																10.0			
11.0	54.3	36.4	10 700*																11.0			
12.0	47.9	35.5	9 100*	53.4	36.2	10 400*	60.8	36.9	13 300*	62.3	36.9	14 200*							12.0			
13.0	40.7	34.3	7 800*	46.9	35.2	8 900*	55.0	36.2	10 900*										13.0			
14.0				39.5	34.1	7 700*	48.7	35.4	9 300*										56.6	36.2	11 500*	14.0
15.0				30.6	32.5	6 700*	41.7	34.2	8 000*										50.4	35.4	9 700*	15.0
16.0							33.3	32.8	7 000*										43.6	34.3	8 300*	57.0
17.0										35.6	33.0	7 300*	50.9	34.9	9 800*	51.0	34.2	10 000*	17.0			
18.0										25.3	31.1	6 300*	44.1	33.9	8 400*				18.0			
19.0													36.3	32.6	7 300*				19.0			
20.0																			44.3	33.2	8 500*	20.0
21.0																			36.5	31.9	7 400*	21.0

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

Int. Fall Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Int. Fall Oper. Rad. m
	Jib		Intermediate Fall	Jib		Intermediate Fall	Jib		Intermediate Fall	Jib		Intermediate Fall	Jib		Intermediate Fall	Jib		Intermediate Fall	
	Ang. Deg.	Elev. m		Ang. Deg.	Elev. m		Ang. Deg.	Elev. m		Ang. Deg.	Elev. m		Ang. Deg.	Elev. m		Ang. Deg.	Elev. m		
9.1	70.2	41.0	21 000*	73.7	41.2	25 800*												9.1	
10.0	66.7	40.6	17 900*	70.2	40.9	21 600*												10.0	
11.0	62.4	40.0	14 600*	66.1	40.4	17 000*												11.0	
12.0	57.9	39.4	12 400*	61.8	39.9	14 300*												12.0	
13.0	53.2	38.7	10 700*	57.3	39.2	12 200*	63.0	39.9	15 200*									13.0	
14.0	48.1	37.8	9 400*	52.5	38.5	10 600*	58.5	39.3	12 700*	64.1	39.8	15 900*						14.0	
15.0	42.6	36.7	8 300*	47.3	37.5	9 200*	53.8	38.5	11 000*	59.7	39.2	13 400*						15.0	
16.0	36.2	35.4	7 300*	41.7	36.4	8 100*	48.8	37.7	9 600*	55.1	38.5	11 400*						16.0	
17.0				35.2	35.1	7 200*	43.3	36.6	8 400*	50.1	37.7	10 000*	60.0	38.7	13 600*			17.0	
18.0				27.4	33.2	6 400*	37.1	35.3	7 500*	44.8	36.7	8 700*	55.4	38.0	11 700*			18.0	
19.0							29.7	33.7	6 600*	38.8	35.5	7 700*	50.5	37.2	10 000*			19.0	
20.0										31.8	33.9	6 900*	45.2	36.2	8 800*	55.5	37.4	11 700*	20.0
21.0										22.8	31.8	6 100*	39.3	35.0	7 800*	50.6	36.5	10 200*	21.0
22.0													32.4	33.5	7 000*	45.3	35.6	8 800*	22.0
23.0																39.4	34.4	7 800*	23.0
24.0																32.6	32.9	7 000*	24.0

Capacities indicated by (b) require 1 180 kg minimum block weight.
Capacities based on structural competence are denoted by an asterisk (*).



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**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

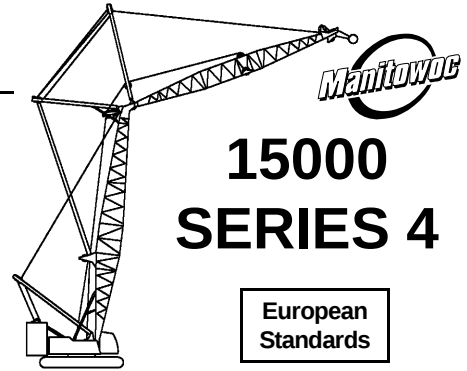
Int. Fall Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Int. Fall Oper. Rad. m
	Jib		Intermediate Fall	Jib		Intermediate Fall	Jib		Intermediate Fall	Jib		Intermediate Fall	Jib		Intermediate Fall	Jib		Intermediate Fall	
	Ang. Deg.	Elev. m		Capacity Kilograms	Ang. Deg.		Elev. m	Capacity Kilograms		Ang. Deg.	Elev. m		Capacity Kilograms	Ang. Deg.		Elev. m	Capacity Kilograms		
9.1	73.7	44.2	26 400*															9.1	
10.0	70.8	43.9	22 600*															10.0	
11.0	67.4	43.5	18 500*	70.3	43.8	21 800*												11.0	
12.0	63.9	43.0	15 700*	66.9	43.3	18 200*												12.0	
13.0	60.3	42.4	13 600*	63.4	42.8	15 400*	67.8	43.3	19 300*									13.0	
14.0	56.5	41.7	11 900*	59.7	42.2	13 400*	64.3	42.8	16 100*									14.0	
15.0	52.5	41.0	10 500*	55.9	41.5	11 700*	60.7	42.2	13 900*									15.0	
16.0	48.3	40.1	9 400*	51.9	40.8	10 400*	57.0	41.6	12 100*	61.7	42.2	14 700*						16.0	
17.0	43.7	39.0	8 400*	47.6	39.9	9 200*	53.0	40.8	10 700*	58.0	41.5	12 600*						17.0	
18.0	38.7	37.8	7 600*	43.0	38.8	8 300*	48.8	40.0	9 500*	54.1	40.8	11 100*						18.0	
19.0	33.1	36.3	6 800*	38.0	37.5	7 400*	44.3	38.9	8 500*	49.9	40.0	9 900*	58.2	41.1	12 900*			19.0	
20.0				32.2	36.0	6 700*	39.4	37.7	7 700*	45.5	39.0	8 800*	54.4	40.4	11 200*			20.0	
21.0				25.1	34.0	6 100*	33.8	36.3	6 900*	40.7	37.9	7 900*	50.3	39.5	10 000*			21.0	
22.0							27.2	34.5	6 300*	35.4	36.5	7 100*	45.9	38.6	8 900*	54.4	39.7	11 400*	
23.0										29.1	34.8	6 400*	41.1	37.4	8 000*	50.3	38.8	10 000*	
24.0										21.1	32.4	5 800*	35.8	36.1	7 200*	46.0	37.9	9 000*	
25.0													29.6	34.4	6 500*	41.2	36.7	8 000*	
26.0																35.9	35.4	7 200*	
27.0																29.8	33.7	6 500*	

Capacities indicated by (b) require 1 180 kg minimum block weight.
Capacities based on structural competence are denoted by an asterisk (*).

Liftcrane Luffing Jib Intermediate Fall 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	



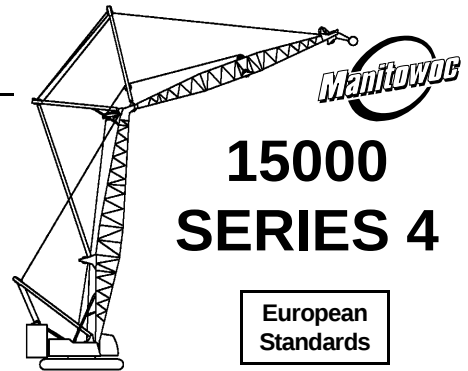
**15000
SERIES 4**

European
Standards

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

Int. Fall Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Int. Fall Oper. Rad. m
	Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		
		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms	
10.7	71.8	46.9	25 400*															10.7	
11.0	70.8	46.8	24 200*															11.0	
12.0	67.9	46.4	20 600*															12.0	
13.0	64.9	45.9	17 700*	67.5	46.2	20 300*												13.0	
14.0	61.9	45.3	15 600*	64.5	45.7	17 400*	68.3	46.2	21 100*									14.0	
15.0	58.7	44.7	13 800*	61.4	45.2	15 300*	65.3	45.7	18 200*									15.0	
16.0	55.4	44.0	12 300*	58.2	44.6	13 600*	62.3	45.2	15 900*									16.0	
17.0	52.0	43.3	11 000*	54.9	43.9	12 100*	59.1	44.6	14 100*	63.1	45.1	16 500*						17.0	
18.0	48.4	42.4	9 900*	51.5	43.1	10 900*	55.8	43.9	12 500*	59.9	44.5	14 600*						18.0	
19.0	44.5	41.4	9 000*	47.8	42.2	9 800*	52.4	43.1	11 200*	56.7	43.9	12 900*						19.0	
20.0	40.4	40.2	8 200*	43.9	41.1	8 900*	48.8	42.3	10 100*	53.3	43.1	11 600*	60.2	44.0	14 700*			20.0	
21.0	35.8	38.8	7 500*	39.8	39.9	8 100*	45.0	41.3	9 200*	49.8	42.3	10 400*	56.9	43.4	13 100*			21.0	
22.0	30.7	37.2	6 800*	35.1	38.5	7 400*	40.9	40.1	8 300*	46.1	41.3	9 500*	53.6	42.7	11 700*			22.0	
23.0				29.8	36.9	6 800*	36.4	38.8	7 600*	42.1	40.2	8 600*	50.1	41.8	10 500*	57.0	42.7	23.0	
24.0				23.4	34.7	6 200*	31.4	37.2	6 900*	37.7	38.9	7 800*	46.3	40.9	9 500*	53.7	42.0	24.0	
25.0							25.3	35.2	6 300*	32.8	37.4	7 200*	42.4	39.8	8 700*	50.1	41.1	25.0	
26.0										27.1	35.6	6 500*	38.0	38.5	7 900*	46.4	40.2	26.0	
27.0										19.7	33.0	5 900*	33.2	37.0	7 200*	42.4	39.1	27.0	
28.0													27.5	35.2	6 600*	38.1	37.8	28.0	
29.0																33.3	36.4	29.0	
30.0																27.7	34.5	30.0	

Capacities indicated by (b) require 1 180 kg minimum block weight.
Capacities based on structural competence are denoted by an asterisk (*).



Liftcrane Luffing Jib Intermediate Fall 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

**European
Standards**

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

Int. Fall Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Int. Fall Oper. Rad. m
	Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall		
		Ang. Deg.	Elev. m		Capacity Kilograms	Ang. Deg.		Elev. m	Capacity Kilograms		Ang. Deg.	Elev. m		Capacity Kilograms	Ang. Deg.		Elev. m	Capacity Kilograms	
10.7	74.2	50.1	26 700*															10.7	
11.0	73.3	50.0	26 100*															11.0	
12.0	70.8	49.7	24 300*															12.0	
13.0	68.3	49.2	21 800*	70.5	49.5	24 100*												13.0	
14.0	65.7	48.8	18 900*	67.9	49.1	21 000*												14.0	
15.0	63.0	48.3	16 800*	65.3	48.7	18 500*												15.0	
16.0	60.3	47.7	15 000*	62.6	48.1	16 500*	66.0	48.6	19 300*									16.0	
17.0	57.5	47.1	13 500*	59.9	47.5	14 800*	63.4	48.1	17 100*	66.7	48.5	19 900*						17.0	
18.0	54.6	46.3	12 300*	57.1	46.9	13 300*	60.7	47.5	15 300*	64.1	48.0	17 700*						18.0	
19.0	51.6	45.6	11 100*	54.2	46.2	12 100*	57.9	46.9	13 800*	61.4	47.5	15 700*						19.0	
20.0	48.5	44.7	10 200*	51.2	45.4	11 000*	55.0	46.2	12 500*	58.6	46.9	14 200*						20.0	
21.0	45.1	43.7	9 300*	48.0	44.5	10 100*	52.0	45.4	11 300*	55.8	46.2	12 800*						21.0	
22.0	41.6	42.6	8 600*	44.6	43.5	9 200*	48.9	44.6	10 400*	52.8	45.4	11 700*	58.8	46.4	14 400*			22.0	
23.0	37.8	41.3	7 900*	41.0	42.3	8 500*	45.6	43.6	9 500*	49.7	44.6	10 700*	56.0	45.7	13 000*			23.0	
24.0	33.6	39.8	7 300*	37.2	41.0	7 800*	42.1	42.5	8 700*	46.4	43.6	9 700*	53.0	45.0	11 800*			24.0	
25.0	28.8	38.1	6 700*	32.9	39.5	7 200*	38.3	41.2	8 000*	43.0	42.6	8 900*	49.9	44.1	10 800*	56.0	45.0	13 100*	
26.0				28.0	37.7	6 700*	34.1	39.8	7 400*	39.3	41.4	8 200*	46.7	43.2	9 900*	53.1	44.3	11 800*	
27.0				22.1	35.4	6 100*	29.4	38.1	6 900*	35.3	40.0	7 600*	43.3	42.1	9 100*	50.0	43.4	10 800*	
28.0							23.9	35.9	6 300*	30.7	38.3	7 000*	39.6	40.9	8 300*	46.8	42.5	9 900*	
29.0										25.5	36.3	6 500*	35.6	39.5	7 700*	43.3	41.5	9 100*	
30.0										18.7	33.7	6 000*	31.1	37.9	7 100*	39.7	40.3	8 400*	
31.0													25.9	36.0	6 600*	35.7	38.9	7 700*	
32.0													19.3	33.4	6 100*	31.2	37.3	7 100*	
33.0																26.0	35.3	6 600*	

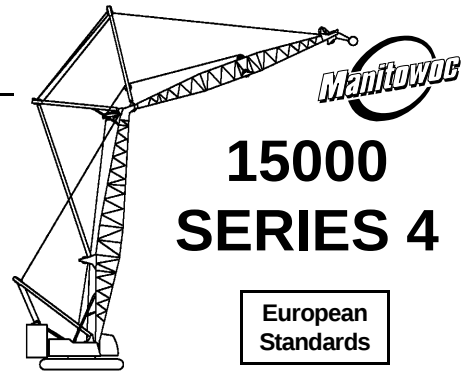
Capacities indicated by (b) require 1 180 kg minimum block weight.
Capacities based on structural competence are denoted by an asterisk (*).

Liftcrane Luffing Jib Intermediate Fall 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)

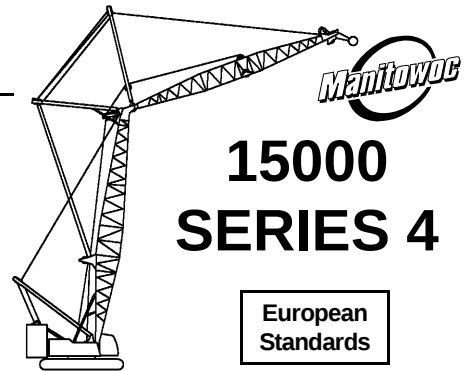
13 m/s with 21.3m thru 33.5m Luffing Jib
11 m/s with 36.6m thru 42.7m Luffing Jib
9 m/s with 45.7m thru 51.8m Luffing Jib
7 m/s with 54.9m thru 67.1m Luffing Jib
5 m/s with 70.1m and 73.2m Luffing Jib



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

Int. Fall Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Int. Fall Oper. Rad. m
	Jib		Intermediate Fall	Jib		Intermediate Fall	Jib		Intermediate Fall	Jib		Intermediate Fall	Jib		Intermediate Fall	Jib		Intermediate Fall	
	Ang. Deg.	Elev. m		Capacity Kilograms	Ang. Deg.		Elev. m	Capacity Kilograms		Ang. Deg.	Elev. m		Capacity Kilograms	Ang. Deg.		Elev. m	Capacity Kilograms		
10.7	76.0	53.3	26 700*																10.7
11.0	75.3	53.2	26 700*																11.0
12.0	73.1	52.9	26 700*																12.0
13.0	70.8	52.5	25 800*																13.0
14.0	68.6	52.1	24 400*	70.5	52.4	26 000*													14.0
15.0	66.3	51.7	21 700*	68.2	52.0	23 600*													15.0
16.0	63.9	51.2	19 200*	65.9	51.5	21 300*	68.9	52.0	24 600*										16.0
17.0	61.6	50.7	17 400*	63.6	51.0	19 000*	66.6	51.5	21 800*										17.0
18.0	59.1	50.0	15 800*	61.2	50.5	17 200*	64.2	51.0	19 600*										18.0
19.0	56.6	49.4	14 400*	58.7	49.9	15 600*	61.9	50.5	17 700*	64.9	50.9	20 300*							19.0
20.0	54.0	48.7	13 200*	56.2	49.2	14 300*	59.4	49.9	16 100*	62.5	50.4	18 200*							20.0
21.0	51.3	47.9	12 100*	53.6	48.5	13 100*	56.9	49.2	14 700*	60.1	49.8	16 500*							21.0
22.0	48.5	47.0	11 200*	50.9	47.7	12 100*	54.3	48.5	13 500*	57.6	49.2	15 100*							22.0
23.0	45.6	46.0	10 400*	48.1	46.8	11 100*	51.7	47.7	12 400*	55.0	48.5	13 800*	60.3	49.4	16 700*				23.0
24.0	42.5	44.9	9 600*	45.1	45.8	10 300*	48.9	46.9	11 400*	52.4	47.7	12 700*	57.8	48.7	15 300*				24.0
25.0	39.2	43.7	8 900*	42.0	44.7	9 500*	46.0	45.9	10 500*	49.6	46.9	11 700*	55.2	48.0	14 000*				25.0
26.0	35.6	42.3	8 200*	38.7	43.4	8 800*	42.9	44.8	9 800*	46.7	45.9	10 800*	52.6	47.3	12 800*	57.8	48.0	15 300*	26.0
27.0	31.7	40.7	7 700*	35.1	42.0	8 200*	39.6	43.6	9 000*	43.7	44.9	10 000*	49.8	46.4	11 800*	55.3	47.3	14 100*	27.0
28.0	27.3	38.9	7 100*	31.1	40.4	7 600*	36.1	42.3	8 400*	40.5	43.7	9 200*	47.0	45.5	10 900*	52.6	46.6	12 900*	28.0
29.0				26.5	38.5	7 100*	32.2	40.7	7 800*	37.1	42.4	8 600*	43.9	44.5	10 100*	49.9	45.7	11 900*	29.0
30.0				21.0	36.1	6 600*	27.9	38.9	7 300*	33.3	40.9	8 000*	40.7	43.3	9 400*	47.0	44.8	11 000*	30.0
31.0							22.7	36.6	6 800*	29.1	39.2	7 500*	37.3	42.0	8 700*	44.0	43.8	10 200*	31.0
32.0							15.8	33.5	6 300*	24.1	37.1	6 900*	33.6	40.5	8 100*	40.8	42.6	9 400*	32.0
33.0										17.9	34.3	6 500*	29.4	38.8	7 500*	37.4	41.3	8 800*	33.0
34.0													24.5	36.7	7 000*	33.7	39.9	8 200*	34.0
35.0													18.4	34.0	6 500*	29.5	38.2	7 600*	35.0
36.0																24.7	36.1	7 100*	36.0

Capacities indicated by (b) require 1 180 kg minimum block weight.
Capacities based on structural competence are denoted by an asterisk (*).



Liftcrane Luffing Jib Intermediate Fall 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

**European
Standards**

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

Int. Fall Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Int. Fall Oper. Rad. m
	Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		
		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms	
10.7	74.2	50.1	26 700*	70.5 67.9	49.5 49.1	22 500* 19 500*													
11.0	73.3	50.0	25 700*																
12.0	70.8	49.7	22 700*																
13.0	68.3	49.2	20 000*																
14.0	65.7	48.8	17 500*															14.0	
15.0	63.0	48.3	15 500*	65.3	48.7	17 200*	66.0 63.4	48.6 48.1	17 900* 15 800*										
16.0	60.3	47.7	13 900*	62.6	48.1	15 300*													
17.0	57.5	47.1	12 500*	59.9	47.5	13 700*													
18.0	54.6	46.3	11 300*	57.1	46.9	12 400*													
19.0	51.6	45.6	10 300*	54.2	46.2	11 200*	57.9	46.9	12 700*	61.4	47.5	14 600*						19.0	
20.0	48.5	44.7	9 400*	51.2	45.4	10 200*	55.0	46.2	11 500*	58.6	46.9	13 100*	58.8 56.0 53.0	46.4 45.7 45.0	13 300* 12 000* 10 900*				
21.0	45.1	43.7	8 600*	48.0	44.5	9 300*	52.0	45.4	10 500*	55.8	46.2	11 800*							
22.0	41.6	42.6	7 900*	44.6	43.5	8 500*	48.9	44.6	9 600*	52.8	45.4	10 800*							
23.0	37.8	41.3	7 300*	41.0	42.3	7 800*	45.6	43.6	8 800*	49.7	44.6	9 800*							
24.0	33.6	39.8	6 700*	37.2	41.0	7 200*	42.1	42.5	8 100*	46.4	43.6	9 000*						24.0	
25.0	28.8	38.1	6 200*	32.9	39.5	6 600*	38.3	41.2	7 400*	43.0	42.6	8 300*	49.9	44.1	9 900*	56.0	45.0	12 100*	25.0
26.0				28.0	37.7	6 200*	34.1	39.8	6 800*	39.3	41.4	7 600*	46.7	43.2	9 100*	53.1	44.3	11 000*	26.0
27.0				22.1	35.4	5 700*	29.4	38.1	6 300*	35.3	40.0	7 000*	43.3	42.1	8 400*	50.0	43.4	10 000*	27.0
28.0										23.9	35.9	5 800*	30.7	38.3	6 500*	39.6	40.9	7 700*	46.8
29.0										25.5	36.3	6 000*	35.6	39.5	7 100*	43.3	41.5	8 400*	29.0
30.0										18.7	33.7	5 500*	31.1	37.9	6 500*	39.7	40.3	7 700*	30.0
31.0													25.9	36.0	6 100*	35.7	38.9	7 100*	31.0
32.0													19.3	33.4	5 600*	31.2	37.3	6 600*	32.0
33.0																26.0	35.3	6 100*	33.0

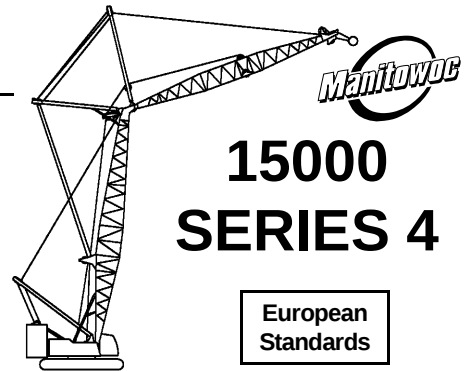
Capacities indicated by (b) require 1 180 kg minimum block weight.
Capacities based on structural competence are denoted by an asterisk (*).

Liftcrane Luffing Jib Intermediate Fall 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)

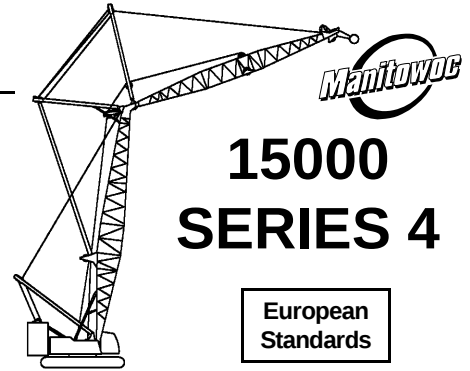
13 m/s with 21.3m thru 33.5m Luffing Jib
11 m/s with 36.6m thru 42.7m Luffing Jib
9 m/s with 45.7m thru 51.8m Luffing Jib
7 m/s with 54.9m thru 67.1m Luffing Jib
5 m/s with 70.1m and 73.2m Luffing Jib



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

Int. Fall Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Int. Fall Oper. Rad. m
	Jib		Intermediate Fall	Jib		Intermediate Fall	Jib		Intermediate Fall	Jib		Intermediate Fall	Jib		Intermediate Fall	Jib		Intermediate Fall	
	Ang. Deg.	Elev. m		Capacity Kilograms	Ang. Deg.		Elev. m	Capacity Kilograms		Ang. Deg.	Elev. m		Capacity Kilograms	Ang. Deg.		Elev. m	Capacity Kilograms		
10.7	76.0	53.3	26 700*																10.7
11.0	75.3	53.2	26 700*																11.0
12.0	73.1	52.9	26 700*																12.0
13.0	70.8	52.5	24 700*																13.0
14.0	68.6	52.1	22 200*	70.5	52.4	24 700*													14.0
15.0	66.3	51.7	19 800*	68.2	52.0	21 900*													15.0
16.0	63.9	51.2	17 700*	65.9	51.5	19 400*	68.9	52.0	22 600*										16.0
17.0	61.6	50.7	16 000*	63.6	51.0	17 500*	66.6	51.5	20 000*										17.0
18.0	59.1	50.0	14 500*	61.2	50.5	15 800*	64.2	51.0	18 000*										18.0
19.0	56.6	49.4	13 200*	58.7	49.9	14 400*	61.9	50.5	16 300*	64.9	50.9	18 600*							19.0
20.0	54.0	48.7	12 100*	56.2	49.2	13 100*	59.4	49.9	14 800*	62.5	50.4	16 700*							20.0
21.0	51.3	47.9	11 100*	53.6	48.5	12 000*	56.9	49.2	13 500*	60.1	49.8	15 200*							21.0
22.0	48.5	47.0	10 300*	50.9	47.7	11 100*	54.3	48.5	12 400*	57.6	49.2	13 900*							22.0
23.0	45.6	46.0	9 500*	48.1	46.8	10 200*	51.7	47.7	11 300*	55.0	48.5	12 700*	60.3	49.4	15 400*				23.0
24.0	42.5	44.9	8 800*	45.1	45.8	9 400*	48.9	46.9	10 500*	52.4	47.7	11 600*	57.8	48.7	14 000*				24.0
25.0	39.2	43.7	8 100*	42.0	44.7	8 700*	46.0	45.9	9 700*	49.6	46.9	10 700*	55.2	48.0	12 800*				25.0
26.0	35.6	42.3	7 500*	38.7	43.4	8 100*	42.9	44.8	9 000*	46.7	45.9	9 900*	52.6	47.3	11 800*	57.8	48.0	14 000*	26.0
27.0	31.7	40.7	7 000*	35.1	42.0	7 500*	39.6	43.6	8 300*	43.7	44.9	9 200*	49.8	46.4	10 800*	55.3	47.3	12 900*	27.0
28.0	27.3	38.9	6 500*	31.1	40.4	7 000*	36.1	42.3	7 700*	40.5	43.7	8 500*	47.0	45.5	10 000*	52.6	46.6	11 900*	28.0
29.0				26.5	38.5	6 500*	32.2	40.7	7 100*	37.1	42.4	7 900*	43.9	44.5	9 300*	49.9	45.7	10 900*	29.0
30.0				21.0	36.1	6 000*	27.9	38.9	6 700*	33.3	40.9	7 300*	40.7	43.3	8 600*	47.0	44.8	10 100*	30.0
31.0							22.7	36.6	6 200*	29.1	39.2	6 800*	37.3	42.0	8 000*	44.0	43.8	9 300*	31.0
32.0							15.8	33.5	5 800*	24.1	37.1	6 300*	33.6	40.5	7 400*	40.8	42.6	8 700*	32.0
33.0										17.9	34.3	5 900*	29.4	38.8	6 900*	37.4	41.3	8 100*	33.0
34.0													24.5	36.7	6 400*	33.7	39.9	7 500*	34.0
35.0													18.4	34.0	6 000*	29.5	38.2	7 000*	35.0
36.0																24.7	36.1	6 500*	36.0

Capacities indicated by (b) require 1 180 kg minimum block weight.
Capacities based on structural competence are denoted by an asterisk (*).



Liftcrane Luffing Jib Intermediate Fall 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

**European
Standards**

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

Int. Fall Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Int. Fall Oper. Rad. m			
	Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall					
	Ang. Deg.	Elev. m	Capacity Kilograms	Ang. Deg.	Elev. m	Capacity Kilograms	Ang. Deg.	Elev. m	Capacity Kilograms	Ang. Deg.	Elev. m	Capacity Kilograms	Ang. Deg.	Elev. m	Capacity Kilograms	Ang. Deg.	Elev. m	Capacity Kilograms				
10.7	74.2	50.1	26 000*																10.7			
11.0	73.3	50.0	24 800*																11.0			
12.0	70.8	49.7	21 300*																12.0			
13.0	68.3	49.2	18 400*																13.0			
14.0	65.7	48.8	16 200*																14.0			
15.0	63.0	48.3	14 400*	65.3	48.7	15 900*	66.0	48.6	16 600*										15.0			
16.0	60.3	47.7	12 900*	62.6	48.1	14 100*													16.0			
17.0	57.5	47.1	11 600*	59.9	47.5	12 700*													63.4	48.1	14 600*	17.0
18.0	54.6	46.3	10 500*	57.1	46.9	11 400*													60.7	47.5	13 100*	18.0
19.0	51.6	45.6	9 500*	54.2	46.2	10 400*													57.9	46.9	11 800*	19.0
20.0	48.5	44.7	8 700*	51.2	45.4	9 400*	55.0	46.2	10 700*	58.6	46.9	12 200*	58.8	46.4	12 400*				20.0			
21.0	45.1	43.7	8 000*	48.0	44.5	8 600*	52.0	45.4	9 700*	55.8	46.2	11 000*							21.0			
22.0	41.6	42.6	7 300*	44.6	43.5	7 900*	48.9	44.6	8 900*	52.8	45.4	10 000*							22.0			
23.0	37.8	41.3	6 700*	41.0	42.3	7 300*	45.6	43.6	8 100*	49.7	44.6	9 100*							23.0			
24.0	33.6	39.8	6 200*	37.2	41.0	6 700*	42.1	42.5	7 400*	46.4	43.6	8 300*							24.0			
25.0	28.8	38.1	5 700*	32.9	39.5	6 100*	38.3	41.2	6 800*	43.0	42.6	7 600*	49.9	44.1	9 200*	56.0	45.0	11 200*	25.0			
26.0				28.0	37.7	5 700*	34.1	39.8	6 300*	39.3	41.4	7 000*	46.7	43.2	8 500*	53.1	44.3	10 200*	26.0			
27.0				22.1	35.4	5 200*	29.4	38.1	5 800*	35.3	40.0	6 500*	43.3	42.1	7 800*	50.0	43.4	9 300*	27.0			
28.0							23.9	35.9	5 400*	30.7	38.3	6 000*	39.6	40.9	7 100*	46.8	42.5	8 500*	28.0			
29.0										25.5	36.3	5 500*	35.6	39.5	6 500*	43.3	41.5	7 800*	29.0			
30.0										18.7	33.7	5 100*	31.1	37.9	6 100*	39.7	40.3	7 200*	30.0			
31.0													25.9	36.0	5 600*	35.7	38.9	6 600*	31.0			
32.0													19.3	33.4	5 200*	31.2	37.3	6 100*	32.0			
33.0																26.0	35.3	5 600*	33.0			

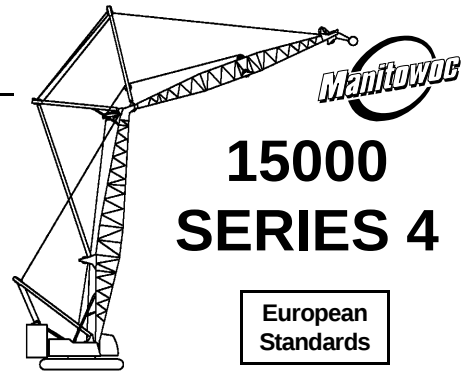
Capacities indicated by (b) require 1 180 kg minimum block weight.
Capacities based on structural competence are denoted by an asterisk (*).

Liftcrane Luffing Jib Intermediate Fall 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, 61.0m (200 Ft.) Luffing Jib

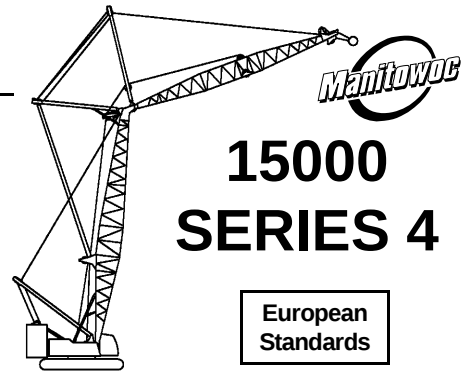
Int. Fall Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Int. Fall Oper. Rad. m
	Jib		Intermediate Fall	Jib		Intermediate Fall	Jib		Intermediate Fall	Jib		Intermediate Fall	Jib		Intermediate Fall	Jib		Intermediate Fall	
	Ang. Deg.	Elev. m		Capacity Kilograms	Ang. Deg.		Elev. m	Capacity Kilograms		Ang. Deg.	Elev. m		Capacity Kilograms	Ang. Deg.		Elev. m	Capacity Kilograms		
10.7	76.0	53.3	26 700*																10.7
11.0	75.3	53.2	26 500*																11.0
12.0	73.1	52.9	25 900*																12.0
13.0	70.8	52.5	23 800*																13.0
14.0	68.6	52.1	20 400*	70.5	52.4	22 800*													14.0
15.0	66.3	51.7	18 200*	68.2	52.0	20 200*													15.0
16.0	63.9	51.2	16 300*	65.9	51.5	17 900*	68.9	52.0	20 900*										16.0
17.0	61.6	50.7	14 700*	63.6	51.0	16 100*	66.6	51.5	18 500*										17.0
18.0	59.1	50.0	13 400*	61.2	50.5	14 500*	64.2	51.0	16 600*										18.0
19.0	56.6	49.4	12 200*	58.7	49.9	13 200*	61.9	50.5	15 000*	64.9	50.9	17 200*							19.0
20.0	54.0	48.7	11 200*	56.2	49.2	12 100*	59.4	49.9	13 600*	62.5	50.4	15 400*							20.0
21.0	51.3	47.9	10 200*	53.6	48.5	11 100*	56.9	49.2	12 400*	60.1	49.8	14 000*							21.0
22.0	48.5	47.0	9 400*	50.9	47.7	10 200*	54.3	48.5	11 400*	57.6	49.2	12 800*							22.0
23.0	45.6	46.0	8 700*	48.1	46.8	9 400*	51.7	47.7	10 400*	55.0	48.5	11 700*	60.3	49.4	14 200*				23.0
24.0	42.5	44.9	8 000*	45.1	45.8	8 600*	48.9	46.9	9 600*	52.4	47.7	10 700*	57.8	48.7	12 900*				24.0
25.0	39.2	43.7	7 400*	42.0	44.7	8 000*	46.0	45.9	8 900*	49.6	46.9	9 900*	55.2	48.0	11 800*				25.0
26.0	35.6	42.3	6 900*	38.7	43.4	7 400*	42.9	44.8	8 200*	46.7	45.9	9 100*	52.6	47.3	10 800*	57.8	48.0	13 000*	26.0
27.0	31.7	40.7	6 400*	35.1	42.0	6 900*	39.6	43.6	7 600*	43.7	44.9	8 400*	49.8	46.4	10 000*	55.3	47.3	11 900*	27.0
28.0	27.3	38.9	6 000*	31.1	40.4	6 400*	36.1	42.3	7 000*	40.5	43.7	7 800*	47.0	45.5	9 200*	52.6	46.6	10 900*	28.0
29.0				26.5	38.5	5 900*	32.2	40.7	6 600*	37.1	42.4	7 200*	43.9	44.5	8 500*	49.9	45.7	10 000*	29.0
30.0				21.0	36.1	5 500*	27.9	38.9	6 100*	33.3	40.9	6 700*	40.7	43.3	7 900*	47.0	44.8	9 300*	30.0
31.0							22.7	36.6	5 700*	29.1	39.2	6 200*	37.3	42.0	7 300*	44.0	43.8	8 600*	31.0
32.0							15.8	33.5	5 300*	24.1	37.1	5 800*	33.6	40.5	6 800*	40.8	42.6	8 000*	32.0
33.0										17.9	34.3	5 400*	29.4	38.8	6 300*	37.4	41.3	7 400*	33.0
34.0													24.5	36.7	5 900*	33.7	39.9	6 900*	34.0
35.0													18.4	34.0	5 500*	29.5	38.2	6 400*	35.0
36.0																24.7	36.1	6 000*	36.0

Capacities indicated by (b) require 1 180 kg minimum block weight.
Capacities based on structural competence are denoted by an asterisk (*).

Liftcrane Luffing Jib Intermediate Fall 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, 64.0m (210 Ft.) Luffing Jib

Int. Fall Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Int. Fall Oper. Rad. m
	Jib		Intermediate Fall	Jib		Intermediate Fall	Jib		Intermediate Fall	Jib		Intermediate Fall	Jib		Intermediate Fall	Jib		Intermediate Fall	
	Ang. Deg.	Elev. m	Capacity Kilograms	Ang. Deg.	Elev. m	Capacity Kilograms	Ang. Deg.	Elev. m	Capacity Kilograms	Ang. Deg.	Elev. m	Capacity Kilograms	Ang. Deg.	Elev. m	Capacity Kilograms	Ang. Deg.	Elev. m	Capacity Kilograms	
12.2	74.4	56.0	26 700*																12.2
13.0	72.8	55.8	25 200*																13.0
14.0	70.8	55.4	23 300*	72.5	55.6	25 500*													14.0
15.0	68.8	55.0	21 100*	70.5	55.3	23 000*													15.0
16.0	66.8	54.6	19 100*	68.5	54.9	20 700*													16.0
17.0	64.7	54.1	17 200*	66.4	54.5	18 800*	69.1	54.8	21 400*										17.0
18.0	62.5	53.6	15 700*	64.4	54.0	17 100*	67.0	54.4	19 400*										18.0
19.0	60.4	53.0	14 300*	62.2	53.4	15 500*	64.9	53.9	17 500*										19.0
20.0	58.1	52.4	13 200*	60.0	52.8	14 200*	62.8	53.4	16 000*	65.5	53.8	18 000*							20.0
21.0	55.9	51.7	12 100*	57.8	52.2	13 000*	60.6	52.9	14 600*	63.4	53.3	16 400*							21.0
22.0	53.5	51.0	11 200*	55.5	51.5	12 000*	58.4	52.2	13 400*	61.2	52.8	15 000*							22.0
23.0	51.1	50.2	10 300*	53.2	50.8	11 100*	56.1	51.6	12 300*	59.0	52.2	13 800*							23.0
24.0	48.6	49.3	9 600*	50.7	50.0	10 300*	53.8	50.8	11 400*	56.8	51.5	12 600*							24.0
25.0	45.9	48.3	8 900*	48.2	49.1	9 500*	51.4	50.0	10 500*	54.4	50.8	11 700*	59.2	51.7	13 900*				25.0
26.0	43.2	47.2	8 300*	45.5	48.1	8 800*	48.9	49.2	9 800*	52.0	50.0	10 800*	56.9	51.0	12 800*				26.0
27.0	40.3	46.1	7 700*	42.8	47.0	8 200*	46.3	48.2	9 100*	49.6	49.2	10 000*	54.6	50.3	11 800*				27.0
28.0	37.2	44.8	7 200*	39.8	45.8	7 700*	43.5	47.2	8 400*	47.0	48.2	9 300*	52.2	49.6	10 900*				28.0
29.0	33.8	43.3	6 700*	36.7	44.5	7 100*	40.7	46.0	7 900*	44.3	47.2	8 700*	49.7	48.7	10 200*	54.8	49.7	11 900*	29.0
30.0	30.2	41.6	6 300*	33.3	43.0	6 700*	37.6	44.7	7 300*	41.4	46.1	8 100*	47.2	47.8	9 400*	52.3	48.9	11 000*	30.0
31.0	26.0	39.7	5 900*	29.6	41.3	6 300*	34.3	43.3	6 900*	38.4	44.8	7 500*	44.5	46.8	8 800*	49.8	48.0	10 200*	31.0
32.0	21.0	37.2	5 500*	25.3	39.3	5 800*	30.6	41.6	6 400*	35.2	43.5	7 000*	41.7	45.7	8 200*	47.2	47.1	9 500*	32.0
33.0				20.2	36.7	5 500*	26.5	39.7	6 000*	31.6	41.9	6 600*	38.7	44.4	7 700*	44.5	46.1	8 900*	33.0
34.0							21.7	37.3	5 600*	27.7	40.0	6 200*	35.4	43.0	7 200*	41.7	45.0	8 300*	34.0
35.0							15.3	34.1	5 300*	23.1	37.8	5 800*	31.9	41.5	6 700*	38.7	43.7	7 700*	35.0
36.0										17.2	34.9	5 300*	28.0	39.6	6 300*	35.5	42.4	7 200*	36.0
37.0													23.4	37.5	5 900*	32.0	40.8	6 700*	37.0
38.0													17.7	34.6	5 500*	28.1	39.0	6 300*	38.0
39.0																23.5	36.8	5 900*	39.0

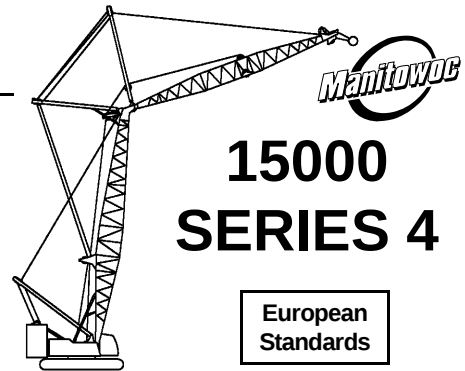
Capacities indicated by (b) require 1 180 kg minimum block weight.
Capacities based on structural competence are denoted by an asterisk (*).

Liftcrane Luffing Jib Intermediate Fall 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)

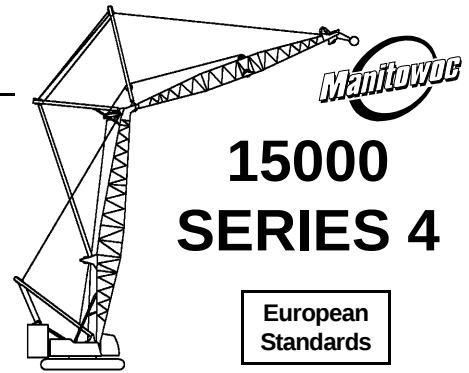
13 m/s with 21.3m thru 33.5m Luffing Jib
11 m/s with 36.6m thru 42.7m Luffing Jib
9 m/s with 45.7m thru 51.8m Luffing Jib
7 m/s with 54.9m thru 67.1m Luffing Jib
5 m/s with 70.1m and 73.2m Luffing Jib



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

Int. Fall Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Int. Fall Oper. Rad. m
	Jib		Intermediate Fall	Jib		Intermediate Fall	Jib		Intermediate Fall	Jib		Intermediate Fall	Jib		Intermediate Fall	Jib		Intermediate Fall	
	Ang. Deg.	Elev. m		Capacity Kilograms	Ang. Deg.		Elev. m	Capacity Kilograms		Ang. Deg.	Elev. m		Capacity Kilograms	Ang. Deg.		Elev. m	Capacity Kilograms		
12.2	75.9	59.2	26 700*															12.2	
13.0	74.5	59.0	24 900*															13.0	
14.0	72.7	58.6	22 600*															14.0	
15.0	70.8	58.3	20 500*															15.0	
16.0	69.0	57.9	18 600*	70.6	58.2	20 200*												16.0	
17.0	67.1	57.5	17 000*	68.7	57.8	18 300*												17.0	
18.0	65.2	57.0	15 600*	66.9	57.3	16 800*												18.0	
19.0	63.3	56.5	14 300*	65.0	56.9	15 400*	67.4	57.3	17 200*									19.0	
20.0	61.4	56.0	13 200*	63.0	56.4	14 200*	65.5	56.8	15 800*									20.0	
21.0	59.4	55.4	12 300*	61.1	55.8	13 100*	63.6	56.3	14 500*									21.0	
22.0	57.3	54.7	11 400*	59.1	55.2	12 100*	61.6	55.8	13 400*	64.1	56.2	14 900*						22.0	
23.0	55.2	54.0	10 500*	57.0	54.5	11 300*	59.6	55.2	12 400*	62.1	55.7	13 700*						23.0	
24.0	53.1	53.3	9 800*	54.9	53.8	10 500*	57.6	54.6	11 500*	60.2	55.1	12 700*						24.0	
25.0	50.9	52.5	9 000*	52.8	53.1	9 700*	55.5	53.9	10 700*	58.1	54.5	11 700*						25.0	
26.0	48.6	51.6	8 300*	50.6	52.3	9 000*	53.4	53.1	10 000*	56.1	53.8	10 900*	60.3	54.7	12 700*			26.0	
27.0	46.2	50.6	7 700*	48.3	51.4	8 300*	51.2	52.3	9 200*	53.9	53.1	10 100*	58.3	54.0	11 800*			27.0	
28.0	43.8	49.6	7 100*	45.9	50.4	7 600*	48.9	51.5	8 500*	51.8	52.3	9 400*	56.2	53.4	11 000*			28.0	
29.0	41.2	48.4	6 600*	43.4	49.3	7 100*	46.5	50.5	7 900*	49.5	51.5	8 800*	54.1	52.7	10 200*			29.0	
30.0	38.4	47.2	6 100*	40.8	48.2	6 600*	44.1	49.5	7 300*	47.2	50.5	8 100*	51.9	51.9	9 500*			30.0	
31.0	35.5	45.8	5 700*	38.0	46.9	6 100*	41.5	48.4	6 800*	44.7	49.5	7 500*	49.7	51.0	8 900*	54.1	52.0	10 200*	31.0
32.0	32.3	44.3	5 300*	35.0	45.5	5 700*	38.8	47.1	6 300*	42.2	48.5	7 000*	47.3	50.1	8 200*	52.0	51.2	9 500*	32.0
33.0	28.8	42.5	4 900*	31.8	43.9	5 200*	35.9	45.8	5 900*	39.5	47.2	6 500*	44.9	49.1	7 600*	49.7	50.3	8 900*	33.0
34.0	24.9	40.4	4 500*	28.3	42.1	4 900*	32.7	44.2	5 400*	36.7	45.9	6 000*	42.4	48.0	7 100*	47.4	49.4	8 300*	34.0
35.0	20.2	37.9	4 200*	24.3	40.0	4 500*	29.3	42.5	5 000*	33.6	44.4	5 600*	39.7	46.8	6 600*	45.0	48.4	7 700*	35.0
36.0				19.4	37.4	3 900*	25.4	40.5	4 600*	30.2	42.8	5 200*	36.9	45.5	6 100*	42.4	47.3	7 100*	36.0
37.0							20.9	38.0	4 200*	26.5	40.8	4 800*	33.8	44.0	5 700*	39.8	46.1	6 600*	37.0
38.0							14.9	34.7	3 400*	22.1	38.5	4 400*	30.5	42.4	5 300*	36.9	44.8	6 200*	38.0
39.0										16.7	35.5	3 700*	26.8	40.5	4 900*	33.9	43.4	5 700*	39.0
40.0													22.5	38.2	4 500*	30.6	41.7	5 300*	40.0
42.0																22.6	37.5	4 600*	42.0

Capacities indicated by (b) require 1 180 kg minimum block weight.
Capacities based on structural competence are denoted by an asterisk (*).



Liftcrane Luffing Jib Intermediate Fall 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

**European
Standards**

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

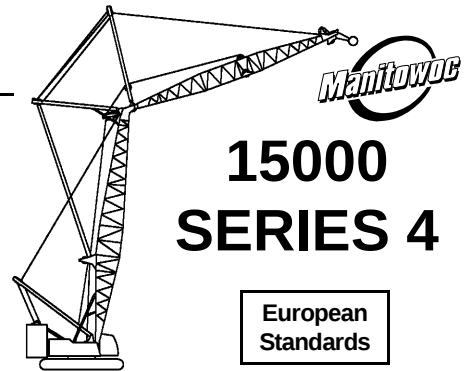
Int. Fall Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Int. Fall Oper. Rad. m
	Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		
		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms	
13.7	74.6	61.9	25 300*															13.7	
14.0	74.2	61.8	24 600*															14.0	
15.0	72.5	61.5	22 400*															15.0	
16.0	70.8	61.2	20 400*	72.3	61.4	22 100*												16.0	
17.0	69.2	60.8	18 800*	70.6	61.0	20 200*												17.0	
18.0	67.5	60.4	17 300*	68.9	60.7	18 500*												18.0	
19.0	65.7	59.9	15 900*	67.2	60.2	17 100*	69.4	60.6	19 000*									19.0	
20.0	64.0	59.4	14 800*	65.5	59.8	15 800*	67.7	60.2	17 500*									20.0	
21.0	62.2	58.9	13 700*	63.7	59.3	14 600*	65.9	59.7	16 100*									21.0	
22.0	60.4	58.3	12 800*	61.9	58.7	13 600*	64.2	59.2	15 000*	66.4	59.6	16 500*						22.0	
23.0	58.5	57.7	11 900*	60.1	58.2	12 700*	62.4	58.7	13 900*	64.7	59.2	15 300*						23.0	
24.0	56.7	57.0	11 200*	58.3	57.5	11 900*	60.6	58.2	12 900*	62.9	58.7	14 200*						24.0	
25.0	54.7	56.3	10 500*	56.4	56.9	11 100*	58.8	57.6	12 100*	61.1	58.1	13 200*						25.0	
26.0	52.8	55.6	9 800*	54.4	56.2	10 400*	56.9	56.9	11 300*	59.3	57.5	12 300*						26.0	
27.0	50.7	54.8	9 200*	52.5	55.4	9 700*	55.0	56.2	10 600*	57.4	56.8	11 500*						27.0	
28.0	48.6	53.9	8 600*	50.4	54.6	9 100*	53.0	55.4	9 900*	55.5	56.2	10 800*	59.4	57.0	12 400*			28.0	
29.0	46.5	52.9	8 000*	48.3	53.7	8 600*	51.0	54.6	9 300*	53.5	55.4	10 100*	57.5	56.4	11 600*			29.0	
30.0	44.2	51.9	7 400*	46.1	52.7	8 000*	48.9	53.8	8 700*	51.5	54.6	9 500*	55.6	55.7	10 800*			30.0	
31.0	41.9	50.8	6 900*	43.9	51.7	7 400*	46.8	52.8	8 200*	49.5	53.8	8 900*	53.7	55.0	10 100*			31.0	
32.0	39.4	49.6	6 500*	41.5	50.5	6 900*	44.5	51.8	7 700*	47.3	52.8	8 400*	51.7	54.2	9 500*	55.7	55.0	10 800*	32.0
33.0	36.8	48.3	6 100*	39.0	49.3	6 500*	42.2	50.7	7 200*	45.1	51.9	7 900*	49.6	53.3	8 900*	53.7	54.3	10 200*	33.0
34.0	34.0	46.8	5 700*	36.4	48.0	6 100*	39.7	49.5	6 700*	42.8	50.8	7 400*	47.5	52.4	8 400*	51.7	53.5	9 500*	34.0
35.0	31.0	45.2	5 300*	33.6	46.5	5 700*	37.1	48.2	6 200*	40.4	49.6	6 900*	45.3	51.4	8 000*	49.7	52.6	9 000*	35.0
36.0	27.7	43.3	4 900*	30.6	44.8	5 300*	34.4	46.8	5 800*	37.8	48.3	6 400*	43.0	50.3	7 500*	47.5	51.7	8 400*	36.0
37.0	24.0	41.2	4 400*	27.2	43.0	4 900*	31.4	45.2	5 500*	35.1	46.9	6 000*	40.6	49.2	7 000*	45.3	50.7	8 000*	37.0
38.0	19.5	38.5	3 000*	23.4	40.7	4 600*	28.1	43.3	5 100*	32.2	45.4	5 600*	38.0	47.9	6 500*	43.0	49.7	7 500*	38.0
39.0							24.5	41.2	4 800*	29.0	43.6	5 200*	35.3	46.5	6 100*	40.6	48.5	7 000*	39.0
40.0										25.5	41.6	4 900*	32.4	45.0	5 700*	38.1	47.2	6 600*	40.0
42.0													25.8	41.2	5 000*	32.5	44.3	5 800*	42.0
44.0													16.6	35.8	4 400*	25.8	40.6	5 100*	44.0

Capacities indicated by (b) require 1 180 kg minimum block weight.
Capacities based on structural competence are denoted by an asterisk (*).

Liftcrane Luffing Jib Intermediate Fall 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

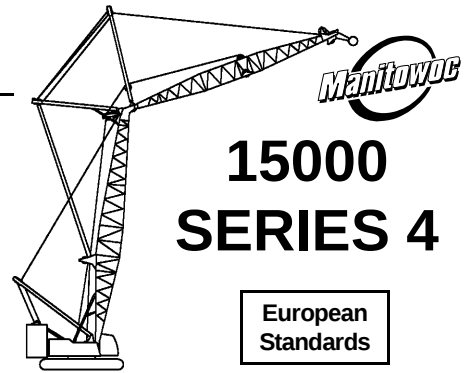
Int. Fall Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Int. Fall Oper. Rad. m
	Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall		
		Ang. Deg.	Elev. m		Capacity Kilograms	Ang. Deg.		Elev. m	Capacity Kilograms		Ang. Deg.	Elev. m		Capacity Kilograms	Ang. Deg.		Elev. m	Capacity Kilograms	
13.7	75.8	65.1	24 400*															13.7	
14.0	75.4	65.0	23 800*															14.0	
15.0	73.9	64.7	21 600*															15.0	
16.0	72.4	64.4	19 700*															16.0	
17.0	70.8	64.1	18 000*	72.2	64.3	19 500*												17.0	
18.0	69.3	63.7	16 600*	70.6	63.9	17 800*												18.0	
19.0	67.7	63.2	15 300*	69.1	63.5	16 400*												19.0	
20.0	66.1	62.8	14 100*	67.5	63.1	15 100*	69.5	63.5	16 800*									20.0	
21.0	64.5	62.3	13 100*	65.9	62.7	14 000*	67.9	63.1	15 400*									21.0	
22.0	62.9	61.8	12 100*	64.3	62.2	12 900*	66.3	62.6	14 200*									22.0	
23.0	61.2	61.3	11 300*	62.7	61.7	12 000*	64.7	62.2	13 200*	66.8	62.5	14 500*						23.0	
24.0	59.6	60.7	10 500*	61.0	61.1	11 100*	63.1	61.7	12 300*	65.2	62.1	13 500*						24.0	
25.0	57.8	60.0	9 800*	59.3	60.5	10 400*	61.4	61.1	11 400*	63.5	61.6	12 500*						25.0	
26.0	56.1	59.4	9 100*	57.6	59.9	9 700*	59.8	60.5	10 600*	61.9	61.0	11 600*						26.0	
27.0	54.3	58.7	8 500*	55.8	59.2	9 000*	58.1	59.9	9 900*	60.2	60.5	10 800*						27.0	
28.0	52.5	57.9	7 900*	54.0	58.5	8 400*	56.3	59.2	9 200*	58.5	59.8	10 100*	62.0	60.5	11 700*			28.0	
29.0	50.6	57.1	7 400*	52.2	57.7	7 900*	54.5	58.5	8 600*	56.8	59.2	9 400*	60.3	60.0	10 800*			29.0	
30.0	48.7	56.2	6 900*	50.3	56.9	7 300*	52.7	57.7	8 000*	55.0	58.5	8 700*	58.6	59.4	10 100*			30.0	
31.0	46.7	55.2	6 500*	48.4	56.0	6 900*	50.8	56.9	7 500*	53.2	57.7	8 200*	56.9	58.7	9 400*			31.0	
32.0	44.6	54.2	6 000*	46.4	55.0	6 400*	48.9	56.1	7 000*	51.3	56.9	7 600*	55.1	58.0	8 800*			32.0	
33.0	42.5	53.1	5 600*	44.3	54.0	6 000*	46.9	55.1	6 500*	49.4	56.1	7 100*	53.3	57.3	8 200*			33.0	
34.0	40.2	52.0	5 300*	42.1	52.9	5 600*	44.9	54.1	6 100*	47.5	55.2	6 700*	51.5	56.5	7 700*	55.2	57.3	8 800*	34.0
35.0	37.9	50.7	4 900*	39.9	51.7	5 200*	42.7	53.0	5 700*	45.4	54.2	6 200*	49.6	55.6	7 200*	53.4	56.6	8 200*	35.0
36.0	35.4	49.3	4 600*	37.5	50.4	4 900*	40.5	51.9	5 300*	43.3	53.1	5 800*	47.6	54.7	6 700*	51.5	55.8	7 700*	36.0
37.0	32.7	47.8	4 300*	35.0	49.0	4 500*	38.2	50.6	5 000*	41.1	52.0	5 500*	45.6	53.7	6 300*	49.6	54.9	7 200*	37.0
38.0	29.9	46.1	4 000*	32.3	47.5	4 200*	35.7	49.2	4 700*	38.8	50.7	5 100*	43.5	52.7	5 900*	47.6	54.0	6 700*	38.0
39.0	26.7	44.1	3 700*	29.4	45.7	4 000*	33.1	47.7	4 300*	36.4	49.4	4 800*	41.3	51.5	5 500*	45.6	53.0	6 300*	39.0
40.0				26.2	43.7	3 700*	30.3	46.1	4 100*	33.8	47.9	4 500*	39.0	50.3	5 100*	43.5	52.0	5 900*	40.0
42.0							23.6	42.0	3 500*	28.0	44.5	3 900*	34.0	47.5	4 500*	39.0	49.6	5 100*	42.0
44.0										20.7	39.8	3 400*	28.2	44.1	3 900*	34.1	46.8	4 500*	44.0
46.0													21.0	39.5	3 400*	28.3	43.4	3 900*	46.0
48.0																21.1	38.9	3 400*	48.0

Capacities indicated by (b) require 1 180 kg minimum block weight.
Capacities based on structural competence are denoted by an asterisk (*).

Liftcrane Luffing Jib Intermediate Fall 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, 21.3m (70 Ft.) Luffing Jib

Int. Fall Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Int. Fall Oper. Rad. m		
	Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall				
		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms			
10.7	56.9	39.7	16 600*	62.3	40.2	19 800*b												10.7			
11.0	54.9	39.4	15 800*	60.5	40.0	18 800*b												11.0			
12.0	48.6	38.6	13 500*	54.6	39.3	15 700*												12.0			
13.0	41.5	37.5	11 600*	48.3	38.5	13 300*	57.2	39.5	17 100*									13.0			
14.0	33.0	36.0	10 200*	41.2	37.3	11 600*	51.1	38.7	14 200*									59.6	39.5	18 300*b	14.0
15.0	21.5	33.7	8 900*	32.6	35.8	10 100*	44.4	37.7	12 300*									53.7	38.8	15 400*	
16.0							36.5	36.4	10 700*	47.3	37.9	13 100*	16.0								
17.0										40.0	36.7	11 400*	55.7	38.5	16 300*	17.0					
18.0										31.1	35.1	10 000*	49.5	37.6	13 900*			18.0			
19.0													42.5	36.5	11 900*			19.0			
20.0													34.3	35.1	10 500*	51.2	37.1	14 500*	20.0		
21.0													23.4	33.1	9 100*	44.5	36.1	12 500*	21.0		
22.0																36.7	34.8	10 800*	22.0		

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

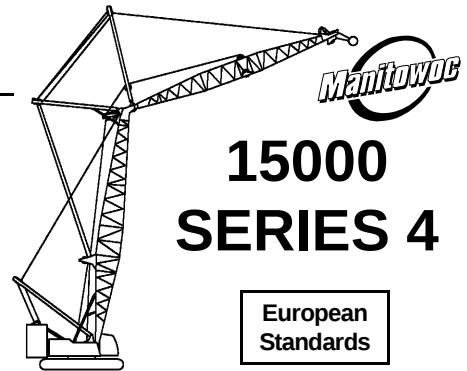
Int. Fall Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Int. Fall Oper. Rad. m			
	Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall					
		Ang. Deg.	Elev. m		Capacity Kilograms	Ang. Deg.		Elev. m	Capacity Kilograms		Ang. Deg.	Elev. m		Capacity Kilograms	Ang. Deg.		Elev. m	Capacity Kilograms		Ang. Deg.	Elev. m	Capacity Kilograms
9.1	65.4	40.7	18 800* b	60.5	40.0	15 800*		39.5	14 300*	59.6	39.5	15 400*		38.5	13 600*		37.1	12 100*	9.1			
10.0	60.7	40.2	16 100*																10.0			
11.0	54.9	39.4	13 100*																11.0			
12.0	48.6	38.6	11 100*																12.0			
13.0	41.5	37.5	9 600*																13.0			
14.0	33.0	36.0	8 400*	41.2	37.3	9 600*	51.1	38.7	11 900*	59.6	39.5	15 400*		38.5	13 600*		37.1	12 100*	14.0			
15.0	21.5	33.7	7 300*	32.6	35.8	8 400*	44.4	37.7	10 200*	53.7	38.8	12 900*							15.0			
16.0							36.5	36.4	8 900*	47.3	37.9	10 900*							16.0			
17.0										40.0	36.7	9 400*							55.7	38.5	13 600*	17.0
18.0										31.1	35.1	8 200*							49.5	37.6	11 600*	18.0
19.0													42.5	36.5	9 900*				19.0			
20.0													34.3	35.1	8 600*	51.2	37.1	12 100*	20.0			
21.0													23.4	33.1	7 500*	44.5	36.1	10 400*	21.0			
22.0																36.7	34.8	8 900*	22.0			

Capacities indicated by (b) require 1 180 kg minimum block weight.
Capacities based on structural competence are denoted by an asterisk (*).

Liftcrane Luffing Jib Intermediate Fall 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

Int. Fall Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Int. Fall Oper. Rad. m
	Jib		Intermediate Fall	Jib		Intermediate Fall	Jib		Intermediate Fall	Jib		Intermediate Fall	Jib		Intermediate Fall	Jib		Intermediate Fall	
	Ang. Deg.	Elev. m	Capacity Kilograms	Ang. Deg.	Elev. m	Capacity Kilograms	Ang. Deg.	Elev. m	Capacity Kilograms	Ang. Deg.	Elev. m	Capacity Kilograms	Ang. Deg.	Elev. m	Capacity Kilograms	Ang. Deg.	Elev. m	Capacity Kilograms	
9.1	65.4	40.7	16 700* ^b	60.5	40.0	14 000*													
10.0	60.7	40.2	14 200*																
11.0	54.9	39.4	11 500*																
12.0	48.6	38.6	9 800*																
13.0	41.5	37.5	8 400*																
14.0	33.0	36.0	7 300*	41.2	37.3	8 400*	51.1	38.7	10 400*	59.6	39.5	13 600*	55.7	38.5	12 000*				
15.0	21.5	33.7	6 300*	32.6	35.8	7 300*	44.4	37.7	8 900*	53.7	38.8	11 300*							
16.0							36.5	36.4	7 700*	47.3	37.9	9 500*							
17.0										40.0	36.7	8 200*							
18.0										31.1	35.1	7 100*							
19.0													42.5	36.5	8 600*	51.2	37.1	10 600*	
20.0													34.3	35.1	7 500*	44.5	36.1	9 100*	
21.0													23.4	33.1	6 500*	36.7	34.8	7 800*	
22.0																			

27.5m (90 Ft.) Boom, 30.5m (100 Ft.) Luffing Jib

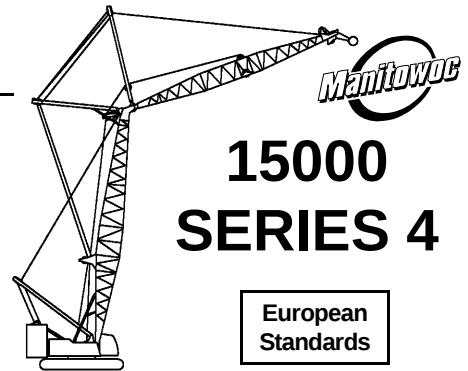
Int. Fall Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Int. Fall Oper. Rad. m				
	Jib		Intermediate Fall	Jib		Intermediate Fall	Jib		Intermediate Fall	Jib		Intermediate Fall	Jib		Intermediate Fall	Jib		Intermediate Fall					
	Ang. Deg.	Elev. m		Capacity Kilograms	Ang. Deg.		Elev. m	Capacity Kilograms		Ang. Deg.	Elev. m		Capacity Kilograms	Ang. Deg.		Elev. m	Capacity Kilograms			Ang. Deg.	Elev. m	Capacity Kilograms	
9.1	70.7	44.0	23 900*	67.0	43.5	20 000*	64.5	43.1	18 100*	66.3	43.0	19 500*											
10.0	67.1	43.6	20 400*																				
11.0	62.9	43.1	16 500*																				
12.0	58.4	42.5	14 100*																				
13.0	53.7	41.7	12 100*																				
14.0	48.7	40.9	10 600*	53.5	41.6	12 100*	60.2	42.5	15 000*	62.0	42.5	16 300*											
15.0	43.2	39.8	9 300*	48.4	40.7	10 600*	55.6	41.8	12 900*														
16.0	37.0	38.5	8 300*	42.9	39.7	9 300*	50.7	41.0	11 200*										57.5	41.8	13 700*		
17.0	29.6	36.8	7 400*	36.7	38.4	8 200*	45.4	40.0	9 800*										52.8	41.1	11 900*		
18.0	19.5	34.4	6 500*	29.2	36.7	7 300*	39.5	38.8	8 700*										47.6	40.2	10 400*		
19.0							32.6	37.3	7 700*	42.0	39.1	9 100*	54.4	40.8	12 600*								
20.0										35.6	37.7	8 100*	49.4	39.9	10 900*								
21.0										27.9	35.9	7 200*	43.9	38.9	9 600*								
22.0													37.8	37.6	8 500*						50.8	39.4	11 400*
23.0													30.7	36.0	7 500*						45.5	38.4	9 900*
24.0													21.1	33.7	6 700*	39.6	37.2	8 800*	24.0				
25.0																32.7	35.7	7 800*	25.0				

Capacities indicated by (b) require 1 180 kg minimum block weight.
Capacities based on structural competence are denoted by an asterisk (*).

Liftcrane Luffing Jib Intermediate Fall 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, 33.5m (110 Ft.) Luffing Jib

Int. Fall Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Int. Fall Oper. Rad. m
	Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		
		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms	
9.1	65.4	40.7	15 600*	70.4	41.0	19 800*												9.1	
10.0	60.7	40.2	13 400*	65.9	40.6	16 500*												10.0	
11.0	54.9	39.4	10 900*	60.5	40.0	12 900*	68.2	40.7	18 100*									11.0	
12.0	48.6	38.6	9 300*	54.6	39.3	10 800*	62.8	40.1	14 400*									12.0	
13.0	41.5	37.5	8 000*	48.3	38.5	9 200*	57.2	39.5	11 600*									13.0	
14.0	33.0	36.0	7 000*	41.2	37.3	8 000*	51.1	38.7	9 900*	59.6	39.5	12 800*						14.0	
15.0	21.5	33.7	6 100*	32.6	35.8	6 900*	44.4	37.7	8 500*	53.7	38.8	10 700*						15.0	
16.0							36.5	36.4	7 400*	47.3	37.9	9 000*						16.0	
17.0										40.0	36.7	7 800*	55.7	38.5	11 300*			17.0	
18.0										31.1	35.1	6 800*	49.5	37.6	9 600*			18.0	
19.0													42.5	36.5	8 200*			19.0	
20.0													34.3	35.1	7 200*	51.2	37.1	20.0	
21.0													23.4	33.1	6 200*	44.5	36.1	21.0	
22.0																36.7	34.8	22.0	

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

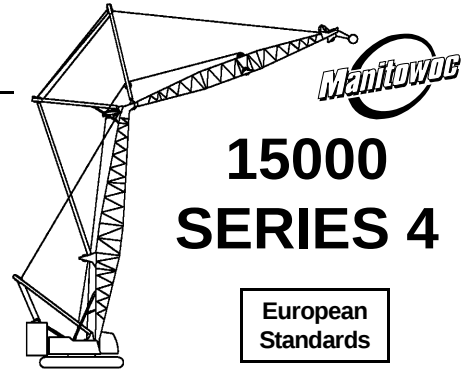
Int. Fall Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Int. Fall Oper. Rad. m
	Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		
		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms	
9.1	70.7	44.0	21 600*															9.1	
10.0	67.1	43.6	18 400*															10.0	
11.0	62.9	43.1	14 900*	67.0	43.5	18 100*												11.0	
12.0	58.4	42.5	12 700*	62.7	43.0	15 000*												12.0	
13.0	53.7	41.7	10 900*	58.2	42.4	12 600*	64.5	43.1	16 300*									13.0	
14.0	48.7	40.9	9 600*	53.5	41.6	10 900*	60.2	42.5	13 500*	66.3	43.0	17 600*						14.0	
15.0	43.2	39.8	8 400*	48.4	40.7	9 500*	55.6	41.8	11 600*	62.0	42.5	14 700*						15.0	
16.0	37.0	38.5	7 400*	42.9	39.7	8 300*	50.7	41.0	10 000*	57.5	41.8	12 300*						16.0	
17.0	29.6	36.8	6 600*	36.7	38.4	7 400*	45.4	40.0	8 800*	52.8	41.1	10 700*						17.0	
18.0	19.5	34.4	5 900*	29.2	36.7	6 600*	39.5	38.8	7 800*	47.6	40.2	9 300*						18.0	
19.0							32.6	37.3	6 900*	42.0	39.1	8 200*	54.4	40.8	11 400*			19.0	
20.0										35.6	37.7	7 300*	49.4	39.9	9 800*			20.0	
21.0										27.9	35.9	6 500*	43.9	38.9	8 600*			21.0	
22.0													37.8	37.6	7 600*	50.8	39.4	10 300*	
23.0													30.7	36.0	6 800*	45.5	38.4	8 900*	
24.0													21.1	33.7	6 000*	39.6	37.2	7 900*	
25.0																32.7	35.7	7 000*	

Capacities indicated by (b) require 1 180 kg minimum block weight.
Capacities based on structural competence are denoted by an asterisk (*).

Liftcrane Luffing Jib Intermediate Fall Capacities

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

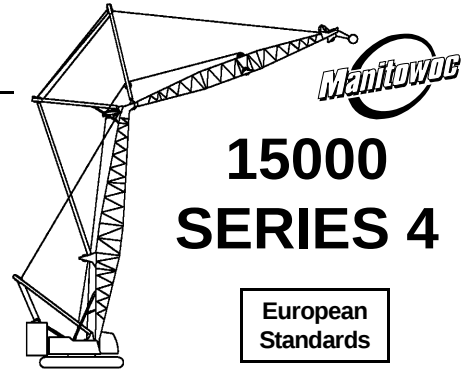
Maximum Operating Wind Speeds (all boom lengths)	
13 m/s with 21.3m thru 33.5m Luffing Jib	
11 m/s with 36.6m thru 42.7m Luffing Jib	
9 m/s with 45.7m thru 51.8m Luffing Jib	
7 m/s with 54.9m thru 67.1m Luffing Jib	
5 m/s with 70.1m and 73.2m Luffing Jib	



27.5m (90 Ft.) Boom, 39.6m (130 Ft.) Luffing Jib

Int. Fall Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Int. Fall Oper. Rad. m
	Jib		Intermediate Fall	Jib		Intermediate Fall	Jib		Intermediate Fall	Jib		Intermediate Fall	Jib		Intermediate Fall	Jib		Intermediate Fall	
	Ang. Deg.	Elev. m		Capacity Kilograms	Ang. Deg.		Elev. m	Capacity Kilograms		Ang. Deg.	Elev. m		Capacity Kilograms	Ang. Deg.		Elev. m	Capacity Kilograms		
9.1	74.0	47.2	26 700*																9.1
10.0	71.2	46.9	23 000*																10.0
11.0	67.8	46.5	18 900*	71.0	46.8	22 800*													11.0
12.0	64.3	46.0	16 000*	67.6	46.4	18 900*													12.0
13.0	60.6	45.5	13 800*	64.1	45.9	15 900*													13.0
14.0	56.9	44.8	12 100*	60.5	45.4	13 800*	65.6	46.0	17 300*										14.0
15.0	52.9	44.0	10 700*	56.7	44.7	12 000*	62.1	45.4	14 800*										15.0
16.0	48.7	43.2	9 500*	52.7	43.9	10 600*	58.3	44.8	12 800*	63.6	45.4	15 900*							16.0
17.0	44.2	42.2	8 500*	48.5	43.0	9 500*	54.5	44.1	11 300*	59.9	44.8	13 600*							17.0
18.0	39.3	40.9	7 600*	44.0	42.0	8 500*	50.4	43.3	10 000*	56.1	44.2	11 900*							18.0
19.0	33.7	39.5	6 900*	39.1	40.8	7 600*	46.0	42.3	8 900*	52.1	43.4	10 500*							19.0
20.0	27.1	37.6	6 200*	33.5	39.3	6 800*	41.3	41.2	8 000*	47.9	42.5	9 400*	57.4	43.8	12 500*				20.0
21.0	18.1	35.0	5 600*	26.8	37.5	6 200*	36.0	39.8	7 200*	43.3	41.4	8 400*	53.5	43.1	11 000*				21.0
22.0							29.8	38.2	6 500*	38.3	40.2	7 500*	49.3	42.2	9 800*				22.0
23.0										32.5	38.7	6 800*	44.8	41.2	8 700*	54.5	42.5	11 400*	23.0
24.0										25.6	36.7	6 100*	40.0	40.0	7 800*	50.5	41.7	10 100*	24.0
25.0													34.5	38.6	7 100*	46.1	40.7	9 000*	25.0
26.0													28.1	36.8	6 400*	41.3	39.6	8 100*	26.0
27.0													19.5	34.3	5 700*	36.1	38.3	7 300*	27.0
28.0																29.9	36.6	6 600*	28.0

Capacities indicated by (b) require 1 180 kg minimum block weight.
Capacities based on structural competence are denoted by an asterisk (*).



Liftcrane Luffing Jib Intermediate Fall 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

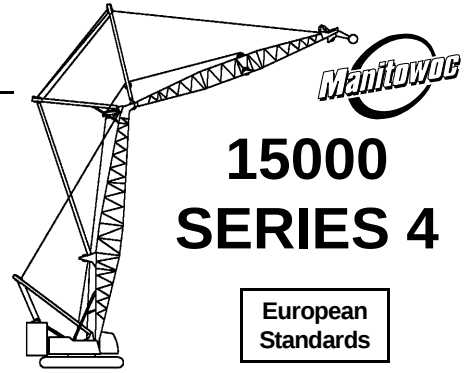
Int. Fall Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Int. Fall Oper. Rad. m
	Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		
		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms	
10.7	72.1	49.9	26 000*															10.7	
11.0	71.1	49.8	24 700*															11.0	
12.0	68.2	49.4	21 000*															12.0	
13.0	65.2	48.9	18 000*	68.1	49.3	21 000*												13.0	
14.0	62.2	48.4	15 800*	65.1	48.8	18 000*	69.4	49.3	22 400*									14.0	
15.0	59.0	47.8	14 000*	62.1	48.3	15 700*	66.4	48.9	19 300*									15.0	
16.0	55.8	47.1	12 500*	58.9	47.7	13 900*	63.4	48.4	16 700*									16.0	
17.0	52.4	46.3	11 200*	55.6	47.0	12 400*	60.3	47.8	14 700*	64.7	48.3	17 800*						17.0	
18.0	48.8	45.5	10 100*	52.2	46.2	11 100*	57.0	47.1	13 100*	61.6	47.8	15 600*						18.0	
19.0	45.0	44.5	9 100*	48.6	45.3	10 000*	53.7	46.4	11 700*	58.4	47.2	13 700*						19.0	
20.0	40.8	43.3	8 300*	44.8	44.3	9 100*	50.2	45.6	10 500*	55.1	46.5	12 300*						20.0	
21.0	36.3	42.0	7 500*	40.7	43.2	8 200*	46.5	44.6	9 500*	51.7	45.7	11 000*						21.0	
22.0	31.3	40.4	6 900*	36.1	41.9	7 500*	42.5	43.5	8 600*	48.0	44.8	10 000*	56.2	46.1	12 900*			22.0	
23.0	25.2	38.4	6 300*	31.0	40.2	6 800*	38.1	42.3	7 900*	44.2	43.8	9 000*	52.8	45.4	11 500*			23.0	
24.0	17.1	35.5	5 700*	24.9	38.2	6 300*	33.3	40.8	7 200*	40.0	42.6	8 200*	49.3	44.5	10 300*			24.0	
25.0							27.7	39.0	6 600*	35.4	41.2	7 500*	45.5	43.5	9 300*	53.7	44.8	11 900*	25.0
26.0										30.2	39.5	6 800*	41.4	42.4	8 500*	50.2	44.0	10 600*	26.0
27.0										23.8	37.4	6 200*	37.0	41.1	7 700*	46.5	43.0	9 600*	27.0
28.0													32.0	39.5	7 100*	42.6	42.0	8 800*	28.0
29.0													26.1	37.6	6 500*	38.2	40.7	8 000*	29.0
30.0													18.4	34.9	5 900*	33.4	39.2	7 300*	30.0
31.0																27.8	37.4	6 700*	31.0
32.0																20.8	35.0	6 100*	32.0

Capacities indicated by (b) require 1 180 kg minimum block weight.
Capacities based on structural competence are denoted by an asterisk (*).

Liftcrane Luffing Jib Intermediate Fall 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

Int. Fall Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Int. Fall Oper. Rad. m
	Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall		
		Ang. Deg.	Elev. m		Capacity Kilograms	Ang. Deg.		Elev. m	Capacity Kilograms		Ang. Deg.	Elev. m		Capacity Kilograms	Ang. Deg.		Elev. m	Capacity Kilograms	
10.7	74.4	53.1	26 700*																10.7
11.0	73.6	53.0	26 200*																11.0
12.0	71.1	52.7	24 700*																12.0
13.0	68.6	52.3	22 200*	71.0	52.6	24 500*													13.0
14.0	66.0	51.8	19 100*	68.4	52.2	21 700*													14.0
15.0	63.3	51.3	16 900*	65.9	51.7	19 100*													15.0
16.0	60.6	50.8	15 200*	63.2	51.2	16 900*	67.0	51.8	20 300*										16.0
17.0	57.8	50.1	13 700*	60.5	50.7	15 200*	64.4	51.3	17 800*										17.0
18.0	54.9	49.4	12 400*	57.7	50.0	13 600*	61.7	50.7	15 900*										18.0
19.0	51.9	48.6	11 300*	54.8	49.3	12 300*	58.9	50.1	14 300*	62.8	50.7	16 800*							19.0
20.0	48.8	47.8	10 200*	51.8	48.5	11 200*	56.1	49.5	12 900*	60.1	50.2	15 000*							20.0
21.0	45.5	46.8	9 400*	48.7	47.7	10 300*	53.1	48.7	11 700*	57.3	49.5	13 500*							21.0
22.0	42.0	45.7	8 600*	45.3	46.7	9 400*	50.0	47.9	10 700*	54.4	48.8	12 200*	61.0	49.8	15 600*				22.0
23.0	38.2	44.4	7 900*	41.8	45.6	8 600*	46.8	46.9	9 800*	51.3	48.0	11 100*	58.2	49.2	14 000*				23.0
24.0	34.0	43.0	7 300*	38.0	44.3	8 000*	43.4	45.9	9 000*	48.2	47.1	10 200*	55.3	48.5	12 700*				24.0
25.0	29.3	41.3	6 800*	33.8	42.8	7 300*	39.7	44.7	8 300*	44.8	46.1	9 400*	52.3	47.7	11 600*				25.0
26.0	23.7	39.1	6 300*	29.1	41.1	6 700*	35.7	43.3	7 600*	41.3	45.0	8 600*	49.2	46.8	10 600*	56.1	47.9	13 100*	26.0
27.0	16.3	36.1	5 800*	23.5	38.9	6 200*	31.2	41.7	7 000*	37.4	43.7	7 900*	45.9	45.8	9 700*	53.2	47.1	11 900*	27.0
28.0							26.0	39.8	6 500*	33.2	42.2	7 300*	42.5	44.8	8 900*	50.1	46.3	10 800*	28.0
29.0										28.3	40.4	6 700*	38.7	43.5	8 200*	46.8	45.3	9 900*	29.0
30.0										22.5	38.1	6 200*	34.6	42.1	7 500*	43.4	44.3	9 100*	30.0
31.0													30.0	40.4	7 000*	39.8	43.1	8 400*	31.0
32.0													24.6	38.4	6 400*	35.8	41.7	7 800*	32.0
33.0													17.5	35.5	6 000*	31.3	40.1	7 100*	33.0
34.0																26.1	38.2	6 600*	34.0
35.0																19.7	35.6	6 100*	35.0

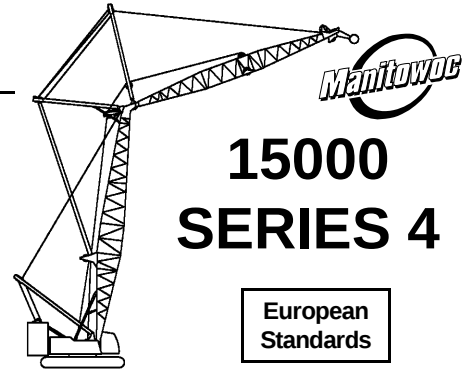
Capacities indicated by (b) require 1 180 kg minimum block weight.
Capacities based on structural competence are denoted by an asterisk (*).

Liftcrane Luffing Jib Intermediate Fall 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, 48.8m (160 Ft.) Luffing Jib

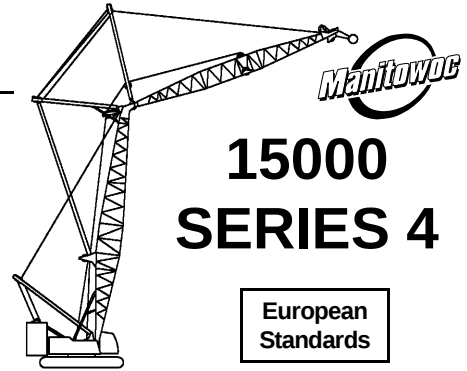
Int. Fall Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Int. Fall Oper. Rad. m
	Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall		
		Ang. Deg.	Elev. m		Capacity Kilograms	Ang. Deg.		Elev. m	Capacity Kilograms		Ang. Deg.	Elev. m		Capacity Kilograms	Ang. Deg.		Elev. m	Capacity Kilograms	
12.2	72.9	55.8	26 700*															12.2	
13.0	71.1	55.6	26 000*															13.0	
14.0	68.8	55.2	24 800*	71.0	55.5	26 100*												14.0	
15.0	66.5	54.7	22 000*	68.7	55.1	24 200*												15.0	
16.0	64.2	54.2	19 500*	66.4	54.6	21 900*												16.0	
17.0	61.8	53.7	17 600*	64.1	54.2	19 500*	67.4	54.7	22 800*									17.0	
18.0	59.4	53.1	16 000*	61.7	53.6	17 600*	65.1	54.2	20 500*									18.0	
19.0	56.9	52.5	14 600*	59.3	53.0	16 000*	62.7	53.7	18 400*	66.1	54.2	21 500*						19.0	
20.0	54.3	51.7	13 300*	56.8	52.3	14 600*	60.3	53.1	16 700*	63.7	53.7	19 300*						20.0	
21.0	51.6	50.9	12 300*	54.2	51.6	13 300*	57.8	52.5	15 200*	61.3	53.1	17 400*						21.0	
22.0	48.8	50.1	11 300*	51.5	50.8	12 300*	55.3	51.8	13 900*	58.9	52.5	15 800*						22.0	
23.0	45.9	49.1	10 400*	48.7	50.0	11 300*	52.6	51.0	12 800*	56.4	51.8	14 500*	62.1	52.7	18 100*			23.0	
24.0	42.8	48.0	9 600*	45.8	49.0	10 400*	49.9	50.2	11 700*	53.8	51.1	13 300*	59.7	52.1	16 400*			24.0	
25.0	39.5	46.8	8 900*	42.7	47.9	9 600*	47.0	49.2	10 800*	51.1	50.3	12 200*	57.2	51.5	15 000*			25.0	
26.0	36.0	45.5	8 300*	39.4	46.7	8 900*	44.0	48.2	10 000*	48.3	49.4	11 300*	54.6	50.8	13 700*			26.0	
27.0	32.1	43.9	7 700*	35.9	45.3	8 300*	40.8	47.1	9 300*	45.3	48.4	10 400*	52.0	50.0	12 600*			27.0	
28.0	27.8	42.1	7 200*	32.0	43.8	7 700*	37.4	45.8	8 600*	42.2	47.3	9 600*	49.2	49.1	11 600*	55.3	50.2	14 100*	
29.0	22.6	39.8	6 700*	27.5	41.9	7 200*	33.7	44.3	8 000*	38.9	46.1	8 900*	46.3	48.2	10 800*	52.7	49.4	12 900*	
30.0	15.7	36.7	6 200*	22.3	39.6	6 700*	29.5	42.6	7 400*	35.3	44.7	8 300*	43.2	47.1	10 000*	50.0	48.6	11 900*	
31.0							24.7	40.5	6 900*	31.3	43.1	7 700*	40.0	45.9	9 200*	47.1	47.7	11 000*	
32.0							18.6	37.8	6 400*	26.8	41.2	7 200*	36.5	44.6	8 600*	44.1	46.6	10 200*	
33.0										21.4	38.8	6 700*	32.7	43.1	8 000*	40.9	45.5	9 500*	
34.0													28.4	41.3	7 400*	37.5	44.2	8 800*	
35.0													23.3	39.1	6 900*	33.8	42.7	8 200*	
36.0													16.8	36.1	6 400*	29.6	41.0	7 600*	
37.0																24.8	39.0	7 100*	
38.0																18.8	36.3	6 600*	

Capacities indicated by (b) require 1 180 kg minimum block weight.
Capacities based on structural competence are denoted by an asterisk (*).

Liftcrane Luffing Jib Intermediate Fall 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, 51.8m (170 Ft.) Luffing Jib

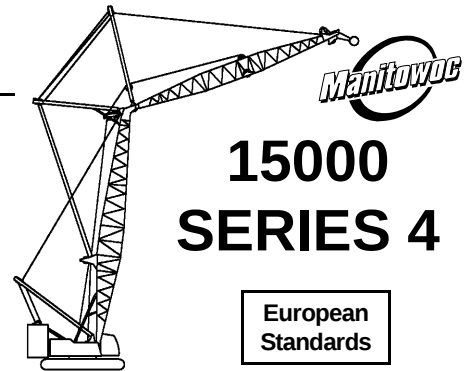
Int. Fall Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Int. Fall Oper. Rad. m
	Jib		Intermediate Fall	Jib		Intermediate Fall	Jib		Intermediate Fall	Jib		Intermediate Fall	Jib		Intermediate Fall	Jib		Intermediate Fall	
	Ang. Deg.	Elev. m		Capacity Kilograms	Ang. Deg.		Elev. m	Capacity Kilograms		Ang. Deg.	Elev. m		Capacity Kilograms	Ang. Deg.		Elev. m	Capacity Kilograms		
10.7	74.4	53.1	26 700*																10.7
11.0	73.6	53.0	25 800*																11.0
12.0	71.1	52.7	23 100*																12.0
13.0	68.6	52.3	20 300*	71.0	52.6	23 300*													13.0
14.0	66.0	51.8	17 700*	68.4	52.2	20 100*													14.0
15.0	63.3	51.3	15 700*	65.9	51.7	17 600*													15.0
16.0	60.6	50.8	14 000*	63.2	51.2	15 600*	67.0	51.8	18 800*										16.0
17.0	57.8	50.1	12 700*	60.5	50.7	14 000*	64.4	51.3	16 500*										17.0
18.0	54.9	49.4	11 500*	57.7	50.0	12 600*	61.7	50.7	14 700*										18.0
19.0	51.9	48.6	10 400*	54.8	49.3	11 400*	58.9	50.1	13 200*	62.8	50.7	15 500*							19.0
20.0	48.8	47.8	9 500*	51.8	48.5	10 400*	56.1	49.5	12 000*	60.1	50.2	13 900*							20.0
21.0	45.5	46.8	8 700*	48.7	47.7	9 500*	53.1	48.7	10 900*	57.3	49.5	12 500*							21.0
22.0	42.0	45.7	8 000*	45.3	46.7	8 700*	50.0	47.9	9 900*	54.4	48.8	11 300*	61.0	49.8	14 500*				22.0
23.0	38.2	44.4	7 300*	41.8	45.6	8 000*	46.8	46.9	9 000*	51.3	48.0	10 300*	58.2	49.2	13 000*				23.0
24.0	34.0	43.0	6 700*	38.0	44.3	7 300*	43.4	45.9	8 300*	48.2	47.1	9 400*	55.3	48.5	11 800*				24.0
25.0	29.3	41.3	6 200*	33.8	42.8	6 800*	39.7	44.7	7 600*	44.8	46.1	8 600*	52.3	47.7	10 700*				25.0
26.0	23.7	39.1	5 800*	29.1	41.1	6 300*	35.7	43.3	7 000*	41.3	45.0	8 000*	49.2	46.8	9 800*	56.1	47.9	12 100*	26.0
27.0	16.3	36.1	5 300*	23.5	38.9	5 800*	31.2	41.7	6 500*	37.4	43.7	7 300*	45.9	45.8	8 900*	53.2	47.1	11 000*	27.0
28.0							26.0	39.8	6 000*	33.2	42.2	6 800*	42.5	44.8	8 200*	50.1	46.3	10 000*	28.0
29.0										28.3	40.4	6 200*	38.7	43.5	7 500*	46.8	45.3	9 200*	29.0
30.0										22.5	38.1	5 700*	34.6	42.1	7 000*	43.4	44.3	8 500*	30.0
31.0													30.0	40.4	6 400*	39.8	43.1	7 800*	31.0
32.0													24.6	38.4	5 900*	35.8	41.7	7 200*	32.0
33.0													17.5	35.5	5 500*	31.3	40.1	6 600*	33.0
34.0																26.1	38.2	6 100*	34.0
35.0																19.7	35.6	5 600*	35.0

Capacities indicated by (b) require 1 180 kg minimum block weight.
Capacities based on structural competence are denoted by an asterisk (*).

Liftcrane Luffing Jib Intermediate Fall 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, 54.9m (180 Ft.) Luffing Jib

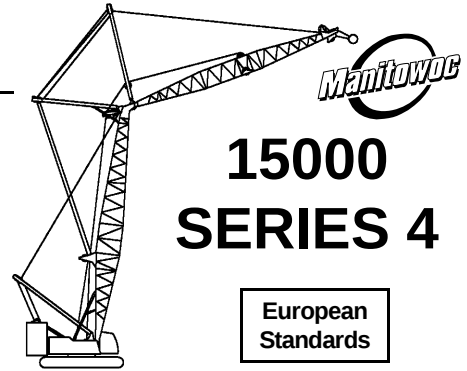
Int. Fall Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Int. Fall Oper. Rad. m
	Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		
		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms	
12.2	72.9	55.8	26 700*															12.2	
13.0	71.1	55.6	24 900*															13.0	
14.0	68.8	55.2	22 600*	71.0	55.5	25 500*												14.0	
15.0	66.5	54.7	20 100*	68.7	55.1	22 500*												15.0	
16.0	64.2	54.2	17 900*	66.4	54.6	19 900*												16.0	
17.0	61.8	53.7	16 200*	64.1	54.2	17 900*	67.4	54.7	21 000*									17.0	
18.0	59.4	53.1	14 700*	61.7	53.6	16 100*	65.1	54.2	18 800*									18.0	
19.0	56.9	52.5	13 400*	59.3	53.0	14 600*	62.7	53.7	16 900*	66.1	54.2	19 800*						19.0	
20.0	54.3	51.7	12 200*	56.8	52.3	13 400*	60.3	53.1	15 300*	63.7	53.7	17 700*						20.0	
21.0	51.6	50.9	11 200*	54.2	51.6	12 200*	57.8	52.5	14 000*	61.3	53.1	16 000*						21.0	
22.0	48.8	50.1	10 300*	51.5	50.8	11 200*	55.3	51.8	12 800*	58.9	52.5	14 600*						22.0	
23.0	45.9	49.1	9 500*	48.7	50.0	10 400*	52.6	51.0	11 700*	56.4	51.8	13 300*	62.1	52.7	16 600*			23.0	
24.0	42.8	48.0	8 800*	45.8	49.0	9 500*	49.9	50.2	10 800*	53.8	51.1	12 200*	59.7	52.1	15 100*			24.0	
25.0	39.5	46.8	8 200*	42.7	47.9	8 800*	47.0	49.2	9 900*	51.1	50.3	11 200*	57.2	51.5	13 700*			25.0	
26.0	36.0	45.5	7 600*	39.4	46.7	8 200*	44.0	48.2	9 200*	48.3	49.4	10 300*	54.6	50.8	12 600*			26.0	
27.0	32.1	43.9	7 000*	35.9	45.3	7 600*	40.8	47.1	8 500*	45.3	48.4	9 500*	52.0	50.0	11 600*			27.0	
28.0	27.8	42.1	6 500*	32.0	43.8	7 000*	37.4	45.8	7 900*	42.2	47.3	8 800*	49.2	49.1	10 600*	55.3	50.2	13 000*	28.0
29.0	22.6	39.8	6 100*	27.5	41.9	6 600*	33.7	44.3	7 300*	38.9	46.1	8 200*	46.3	48.2	9 800*	52.7	49.4	11 900*	29.0
30.0	15.7	36.7	5 700*	22.3	39.6	6 100*	29.5	42.6	6 800*	35.3	44.7	7 600*	43.2	47.1	9 100*	50.0	48.6	11 000*	30.0
31.0							24.7	40.5	6 300*	31.3	43.1	7 100*	40.0	45.9	8 500*	47.1	47.7	10 100*	31.0
32.0							18.6	37.8	5 900*	26.8	41.2	6 600*	36.5	44.6	7 800*	44.1	46.6	9 400*	32.0
33.0										21.4	38.8	6 100*	32.7	43.1	7 300*	40.9	45.5	8 700*	33.0
34.0													28.4	41.3	6 800*	37.5	44.2	8 100*	34.0
35.0													23.3	39.1	6 300*	33.8	42.7	7 500*	35.0
36.0													16.8	36.1	5 900*	29.6	41.0	7 000*	36.0
37.0																24.8	39.0	6 500*	37.0
38.0																18.8	36.3	6 000*	38.0

Capacities indicated by (b) require 1 180 kg minimum block weight.
Capacities based on structural competence are denoted by an asterisk (*).

Liftcrane Luffing Jib Intermediate Fall 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, 57.9m (190 Ft.) Luffing Jib

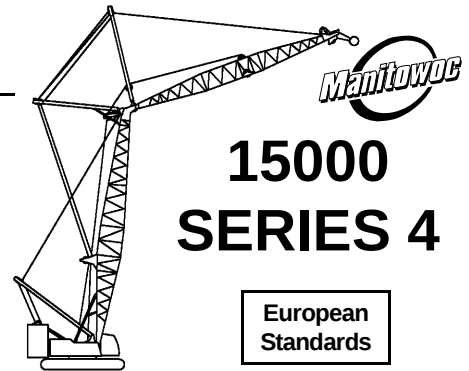
Int. Fall Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Int. Fall Oper. Rad. m
	Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall		
		Ang. Deg.	Elev. m		Capacity Kilograms	Ang. Deg.		Elev. m	Capacity Kilograms		Ang. Deg.	Elev. m		Capacity Kilograms	Ang. Deg.		Elev. m	Capacity Kilograms	
10.7	74.4	53.1	26 600*															10.7	
11.0	73.6	53.0	25 400*															11.0	
12.0	71.1	52.7	21 700*															12.0	
13.0	68.6	52.3	18 700*	71.0	52.6	21 600*												13.0	
14.0	66.0	51.8	16 400*	68.4	52.2	18 600*												14.0	
15.0	63.3	51.3	14 600*	65.9	51.7	16 400*												15.0	
16.0	60.6	50.8	13 000*	63.2	51.2	14 500*	67.0	51.8	17 500*									16.0	
17.0	57.8	50.1	11 700*	60.5	50.7	13 000*	64.4	51.3	15 300*									17.0	
18.0	54.9	49.4	10 600*	57.7	50.0	11 700*	61.7	50.7	13 700*									18.0	
19.0	51.9	48.6	9 600*	54.8	49.3	10 600*	58.9	50.1	12 300*	62.8	50.7	14 500*						19.0	
20.0	48.8	47.8	8 800*	51.8	48.5	9 600*	56.1	49.5	11 100*	60.1	50.2	12 900*						20.0	
21.0	45.5	46.8	8 000*	48.7	47.7	8 800*	53.1	48.7	10 100*	57.3	49.5	11 600*						21.0	
22.0	42.0	45.7	7 400*	45.3	46.7	8 000*	50.0	47.9	9 200*	54.4	48.8	10 500*	61.0	49.8	13 400*			22.0	
23.0	38.2	44.4	6 800*	41.8	45.6	7 300*	46.8	46.9	8 400*	51.3	48.0	9 600*	58.2	49.2	12 100*			23.0	
24.0	34.0	43.0	6 200*	38.0	44.3	6 800*	43.4	45.9	7 700*	48.2	47.1	8 700*	55.3	48.5	10 900*			24.0	
25.0	29.3	41.3	5 700*	33.8	42.8	6 200*	39.7	44.7	7 100*	44.8	46.1	8 000*	52.3	47.7	9 900*			25.0	
26.0	23.7	39.1	5 300*	29.1	41.1	5 800*	35.7	43.3	6 500*	41.3	45.0	7 300*	49.2	46.8	9 000*	56.1	47.9	11 200*	
27.0	16.3	36.1	4 900*	23.5	38.9	5 300*	31.2	41.7	6 000*	37.4	43.7	6 800*	45.9	45.8	8 300*	53.2	47.1	10 200*	
28.0							26.0	39.8	5 500*	33.2	42.2	6 200*	42.5	44.8	7 600*	50.1	46.3	9 300*	
29.0										28.3	40.4	5 700*	38.7	43.5	7 000*	46.8	45.3	8 500*	
30.0										22.5	38.1	5 300*	34.6	42.1	6 500*	43.4	44.3	7 800*	
31.0													30.0	40.4	6 000*	39.8	43.1	7 200*	
32.0													24.6	38.4	5 500*	35.8	41.7	6 600*	
33.0													17.5	35.5	5 100*	31.3	40.1	6 100*	
34.0																26.1	38.2	5 600*	
35.0																19.7	35.6	5 200*	

Capacities indicated by (b) require 1 180 kg minimum block weight.
Capacities based on structural competence are denoted by an asterisk (*).

Liftcrane Luffing Jib Intermediate Fall 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

Int. Fall Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Int. Fall Oper. Rad. m
	Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		
		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms	
12.2	72.9	55.8	26 300*															12.2	
13.0	71.1	55.6	23 700*															13.0	
14.0	68.8	55.2	20 700*	71.0	55.5	23 500*												14.0	
15.0	66.5	54.7	18 400*	68.7	55.1	20 700*												15.0	
16.0	64.2	54.2	16 500*	66.4	54.6	18 300*												16.0	
17.0	61.8	53.7	14 900*	64.1	54.2	16 500*	67.4	54.7	19 400*									17.0	
18.0	59.4	53.1	13 500*	61.7	53.6	14 900*	65.1	54.2	17 400*									18.0	
19.0	56.9	52.5	12 300*	59.3	53.0	13 500*	62.7	53.7	15 600*	66.1	54.2	18 200*						19.0	
20.0	54.3	51.7	11 200*	56.8	52.3	12 300*	60.3	53.1	14 100*	63.7	53.7	16 300*						20.0	
21.0	51.6	50.9	10 300*	54.2	51.6	11 200*	57.8	52.5	12 800*	61.3	53.1	14 700*						21.0	
22.0	48.8	50.1	9 500*	51.5	50.8	10 300*	55.3	51.8	11 700*	58.9	52.5	13 400*						22.0	
23.0	45.9	49.1	8 700*	48.7	50.0	9 500*	52.6	51.0	10 800*	56.4	51.8	12 200*	62.1	52.7	15 300*			23.0	
24.0	42.8	48.0	8 100*	45.8	49.0	8 700*	49.9	50.2	9 900*	53.8	51.1	11 200*	59.7	52.1	13 900*			24.0	
25.0	39.5	46.8	7 500*	42.7	47.9	8 100*	47.0	49.2	9 100*	51.1	50.3	10 300*	57.2	51.5	12 600*			25.0	
26.0	36.0	45.5	6 900*	39.4	46.7	7 500*	44.0	48.2	8 400*	48.3	49.4	9 500*	54.6	50.8	11 600*			26.0	
27.0	32.1	43.9	6 400*	35.9	45.3	6 900*	40.8	47.1	7 800*	45.3	48.4	8 800*	52.0	50.0	10 700*			27.0	
28.0	27.8	42.1	6 000*	32.0	43.8	6 400*	37.4	45.8	7 300*	42.2	47.3	8 100*	49.2	49.1	9 800*	55.3	50.2	11 900*	28.0
29.0	22.6	39.8	5 500*	27.5	41.9	6 000*	33.7	44.3	6 700*	38.9	46.1	7 500*	46.3	48.2	9 100*	52.7	49.4	10 900*	29.0
30.0	15.7	36.7	4 600*	22.3	39.6	5 600*	29.5	42.6	6 200*	35.3	44.7	7 000*	43.2	47.1	8 400*	50.0	48.6	10 100*	30.0
31.0							24.7	40.5	5 800*	31.3	43.1	6 500*	40.0	45.9	7 800*	47.1	47.7	9 300*	31.0
32.0							18.6	37.8	5 400*	26.8	41.2	6 000*	36.5	44.6	7 200*	44.1	46.6	8 600*	32.0
33.0										21.4	38.8	5 600*	32.7	43.1	6 700*	40.9	45.5	8 000*	33.0
34.0													28.4	41.3	6 200*	37.5	44.2	7 400*	34.0
35.0													23.3	39.1	5 800*	33.8	42.7	6 900*	35.0
36.0													16.8	36.1	5 400*	29.6	41.0	6 400*	36.0
37.0																24.8	39.0	6 000*	37.0
38.0																18.8	36.3	5 600*	38.0

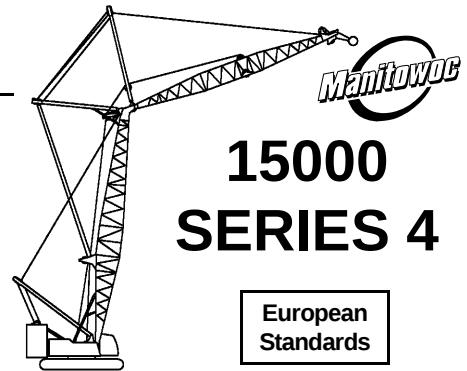
Capacities indicated by (b) require 1 180 kg minimum block weight.
Capacities based on structural competence are denoted by an asterisk (*).

Liftcrane Luffing Jib Intermediate Fall 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

Int. Fall Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Int. Fall Oper. Rad. m
	Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall		
		Ang. Deg.	Elev. m		Capacity Kilograms	Ang. Deg.		Elev. m	Capacity Kilograms		Ang. Deg.	Elev. m		Capacity Kilograms	Ang. Deg.		Elev. m	Capacity Kilograms	
12.2	74.6	59.0	26 700*															12.2	
13.0	73.0	58.8	25 400*															13.0	
14.0	71.0	58.4	23 700*	73.0	58.7	26 000*												14.0	
15.0	69.0	58.1	21 500*	71.0	58.3	23 500*												15.0	
16.0	67.0	57.6	19 300*	68.9	58.0	21 200*												16.0	
17.0	64.9	57.2	17 400*	66.9	57.5	19 200*	69.8	58.0	22 200*									17.0	
18.0	62.8	56.6	15 800*	64.8	57.1	17 400*	67.8	57.5	20 100*									18.0	
19.0	60.6	56.1	14 400*	62.7	56.5	15 800*	65.7	57.1	18 200*									19.0	
20.0	58.4	55.5	13 300*	60.5	56.0	14 400*	63.6	56.6	16 500*	66.6	57.0	19 000*						20.0	
21.0	56.1	54.8	12 200*	58.3	55.3	13 200*	61.4	56.0	15 100*	64.5	56.6	17 300*						21.0	
22.0	53.8	54.0	11 300*	56.0	54.7	12 200*	59.2	55.5	13 800*	62.3	56.0	15 700*						22.0	
23.0	51.3	53.2	10 400*	53.7	53.9	11 300*	57.0	54.8	12 700*	60.2	55.5	14 400*						23.0	
24.0	48.8	52.4	9 600*	51.2	53.1	10 400*	54.7	54.1	11 700*	57.9	54.8	13 200*						24.0	
25.0	46.2	51.4	9 000*	48.7	52.2	9 600*	52.3	53.3	10 800*	55.6	54.1	12 200*	60.9	55.1	14 900*			25.0	
26.0	43.5	50.4	8 300*	46.1	51.3	9 000*	49.8	52.5	10 000*	53.3	53.4	11 300*	58.7	54.5	13 600*			26.0	
27.0	40.6	49.2	7 800*	43.4	50.2	8 300*	47.2	51.5	9 300*	50.9	52.6	10 400*	56.4	53.8	12 600*			27.0	
28.0	37.5	47.9	7 200*	40.5	49.1	7 700*	44.6	50.5	8 700*	48.3	51.7	9 700*	54.1	53.1	11 600*			28.0	
29.0	34.2	46.5	6 700*	37.4	47.8	7 200*	41.7	49.4	8 000*	45.7	50.7	9 000*	51.7	52.3	10 800*	57.1	53.2	12 900*	29.0
30.0	30.6	44.8	6 300*	34.1	46.3	6 700*	38.7	48.2	7 500*	42.9	49.7	8 400*	49.2	51.4	10 000*	54.7	52.5	11 900*	30.0
31.0	26.4	42.9	5 900*	30.4	44.7	6 300*	35.5	46.8	7 000*	40.0	48.5	7 800*	46.6	50.5	9 300*	52.3	51.7	11 000*	31.0
32.0	21.6	40.5	5 500*	26.3	42.7	5 900*	32.0	45.2	6 600*	36.9	47.2	7 300*	43.9	49.4	8 700*	49.9	50.9	10 200*	32.0
33.0				21.3	40.3	5 500*	28.1	43.4	6 100*	33.5	45.7	6 800*	41.0	48.3	8 100*	47.3	50.0	9 500*	33.0
34.0							23.6	41.2	5 700*	29.8	44.0	6 400*	38.0	47.0	7 500*	44.6	49.0	8 900*	34.0
35.0							17.9	38.4	5 400*	25.6	42.0	6 000*	34.7	45.6	7 100*	41.8	47.8	8 300*	35.0
36.0										20.5	39.5	5 600*	31.1	44.0	6 600*	38.8	46.6	7 700*	36.0
37.0													27.0	42.1	6 200*	35.6	45.2	7 200*	37.0
38.0													22.3	39.8	5 800*	32.1	43.7	6 800*	38.0
39.0													16.2	36.7	5 400*	28.2	41.8	6 300*	39.0
40.0																23.7	39.7	5 900*	40.0

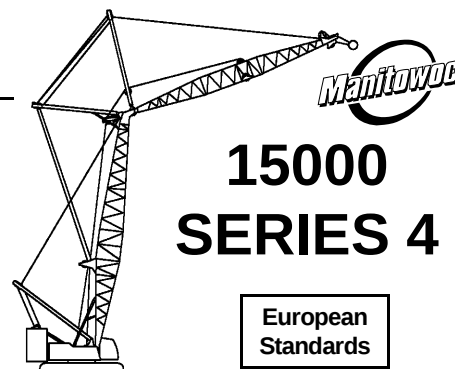
Capacities indicated by (b) require 1 180 kg minimum block weight.
Capacities based on structural competence are denoted by an asterisk (*).

Liftcrane Luffing Jib Intermediate Fall 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, 67.1m (220 Ft.) Luffing Jib

Int. Fall Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			Int. Fall Oper. Rad. m
	Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall		
	Ang. Deg.	Elev. m	Capacity Kilograms	Ang. Deg.	Elev. m	Capacity Kilograms	Ang. Deg.	Elev. m	Capacity Kilograms	Ang. Deg.	Elev. m	Capacity Kilograms	Ang. Deg.	Elev. m	Capacity Kilograms	
13.7	73.4	61.8	23 600*													13.7
14.0	72.8	61.7	23 000*													14.0
15.0	71.0	61.3	20 800*													15.0
16.0	69.2	60.9	18 800*	71.0	61.2	20 700*										16.0
17.0	67.3	60.5	17 200*	69.1	60.8	18 800*										17.0
18.0	65.4	60.1	15 700*	67.3	60.4	17 100*										18.0
19.0	63.5	59.6	14 500*	65.4	60.0	15 700*	68.1	60.4	17 900*							19.0
20.0	61.6	59.0	13 400*	63.4	59.5	14 500*	66.2	60.0	16 300*							20.0
21.0	59.6	58.4	12 400*	61.5	58.9	13 400*	64.3	59.5	15 000*							21.0
22.0	57.5	57.8	11 500*	59.5	58.3	12 400*	62.3	59.0	13 800*	65.1	59.5	15 600*				22.0
23.0	55.5	57.1	10 700*	57.5	57.7	11 400*	60.4	58.4	12 800*	63.1	59.0	14 300*				23.0
24.0	53.3	56.3	9 800*	55.4	57.0	10 600*	58.3	57.8	11 800*	61.2	58.4	13 200*				24.0
25.0	51.1	55.5	9 100*	53.2	56.2	9 900*	56.3	57.1	11 000*	59.2	57.8	12 200*				25.0
26.0	48.8	54.7	8 400*	51.0	55.4	9 100*	54.2	56.4	10 200*	57.1	57.2	11 300*	61.8	58.0	13 600*	26.0
27.0	46.5	53.7	7 700*	48.7	54.6	8 400*	52.0	55.6	9 500*	55.1	56.5	10 600*	59.9	57.4	12 500*	27.0
28.0	44.0	52.7	7 200*	46.4	53.6	7 800*	49.7	54.8	8 800*	52.9	55.7	9 800*	57.8	56.8	11 600*	28.0
29.0	41.4	51.6	6 600*	43.9	52.6	7 200*	47.4	53.8	8 100*	50.7	54.9	9 100*	55.7	56.1	10 800*	29.0
30.0	38.7	50.3	6 200*	41.3	51.4	6 700*	45.0	52.8	7 500*	48.4	54.0	8 400*	53.6	55.4	10 100*	30.0
31.0	35.8	49.0	5 700*	38.6	50.2	6 200*	42.5	51.8	6 900*	46.0	53.0	7 800*	51.4	54.6	9 400*	31.0
32.0	32.7	47.4	5 300*	35.7	48.8	5 700*	39.8	50.6	6 400*	43.5	52.0	7 200*	49.2	53.7	8 800*	32.0
33.0	29.2	45.7	4 900*	32.5	47.3	5 300*	37.0	49.3	6 000*	40.9	50.8	6 700*	46.8	52.8	8 100*	33.0
34.0	25.3	43.7	4 500*	29.1	45.5	4 900*	33.9	47.8	5 600*	38.2	49.6	6 200*	44.4	51.8	7 500*	34.0
35.0	20.7	41.2	4 200*	25.2	43.5	4 500*	30.6	46.1	5 100*	35.2	48.2	5 800*	41.8	50.7	7 000*	35.0
36.0				20.5	41.0	4 200*	26.9	44.2	4 700*	32.0	46.6	5 400*	39.1	49.4	6 500*	36.0
37.0							22.6	42.0	4 400*	28.5	44.8	5 000*	36.2	48.1	6 000*	37.0
38.0							17.3	39.0	4 100*	24.5	42.7	4 600*	33.1	46.6	5 600*	38.0
39.0										19.7	40.1	4 300*	29.7	44.9	5 200*	39.0
40.0													25.9	42.9	4 800*	40.0
42.0													15.7	37.3	4 100*	42.0

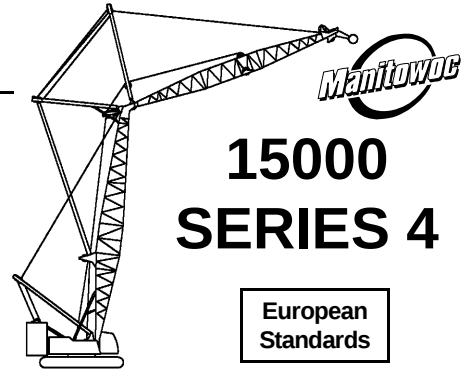
Capacities indicated by (b) require 1 180 kg minimum block weight.
Capacities based on structural competence are denoted by an asterisk (*).

Liftcrane Luffing Jib Intermediate Fall 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, 70.1m (230 Ft.) Luffing Jib

Int. Fall Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			Int. Fall Oper. Rad. m
	Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		
		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms	
13.7	74.8	64.9	25 600*													13.7
14.0	74.3	64.9	24 900*													14.0
15.0	72.7	64.6	22 600*													15.0
16.0	71.0	64.2	20 600*	72.6	64.5	22 600*										16.0
17.0	69.3	63.8	18 900*	70.9	64.1	20 600*										17.0
18.0	67.6	63.4	17 400*	69.3	63.7	18 900*										18.0
19.0	65.9	63.0	16 100*	67.6	63.3	17 400*										19.0
20.0	64.2	62.5	14 900*	65.8	62.9	16 100*	68.3	63.3	18 100*							20.0
21.0	62.4	61.9	13 900*	64.1	62.4	14 900*	66.6	62.9	16 700*							21.0
22.0	60.6	61.4	12 900*	62.3	61.8	13 900*	64.8	62.4	15 400*							22.0
23.0	58.7	60.8	12 100*	60.5	61.3	12 900*	63.1	61.9	14 300*	65.6	62.4	15 900*				23.0
24.0	56.9	60.1	11 300*	58.7	60.7	12 100*	61.3	61.3	13 300*	63.8	61.9	14 800*				24.0
25.0	54.9	59.4	10 600*	56.8	60.0	11 300*	59.5	60.8	12 400*	62.0	61.3	13 700*				25.0
26.0	53.0	58.7	9 900*	54.9	59.3	10 500*	57.6	60.1	11 600*	60.2	60.8	12 800*				26.0
27.0	50.9	57.8	9 300*	52.9	58.5	9 900*	55.7	59.4	10 800*	58.4	60.2	11 900*				27.0
28.0	48.9	57.0	8 600*	50.9	57.7	9 300*	53.7	58.7	10 200*	56.5	59.5	11 200*	60.8	60.4	13 100*	28.0
29.0	46.7	56.0	8 000*	48.8	56.9	8 700*	51.7	57.9	9 500*	54.6	58.8	10 500*	59.0	59.8	12 200*	29.0
30.0	44.5	55.0	7 500*	46.6	55.9	8 100*	49.7	57.1	9 000*	52.6	58.0	9 800*	57.1	59.1	11 400*	30.0
31.0	42.1	53.9	7 000*	44.4	54.9	7 600*	47.5	56.2	8 400*	50.5	57.2	9 200*	55.2	58.4	10 700*	31.0
32.0	39.7	52.7	6 500*	42.0	53.8	7 000*	45.3	55.2	7 800*	48.4	56.3	8 700*	53.2	57.7	10 000*	32.0
33.0	37.1	51.4	6 100*	39.6	52.6	6 600*	43.0	54.1	7 300*	46.3	55.3	8 100*	51.2	56.9	9 400*	33.0
34.0	34.3	50.0	5 700*	37.0	51.3	6 100*	40.6	52.9	6 800*	44.0	54.3	7 600*	49.1	56.0	8 800*	34.0
35.0	31.3	48.3	5 300*	34.2	49.8	5 700*	38.1	51.7	6 400*	41.7	53.2	7 100*	47.0	55.1	8 300*	35.0
36.0	28.1	46.5	5 000*	31.2	48.2	5 300*	35.4	50.3	5 900*	39.2	52.0	6 600*	44.8	54.1	7 800*	36.0
37.0	24.4	44.4	4 600*	27.9	46.4	5 000*	32.5	48.7	5 600*	36.6	50.6	6 200*	42.4	53.0	7 400*	37.0
38.0	20.0	41.8	4 200*	24.2	44.2	4 700*	29.4	47.0	5 200*	33.8	49.2	5 800*	40.0	51.8	6 900*	38.0
39.0				19.8	41.6	4 000*	25.9	45.0	4 900*	30.7	47.5	5 400*	37.4	50.5	6 400*	39.0
40.0							21.8	42.6	4 500*	27.4	45.6	5 100*	34.7	49.1	6 000*	40.0
42.0										19.1	40.7	4 300*	28.5	45.7	5 300*	42.0
44.0													20.7	41.1	4 600*	44.0

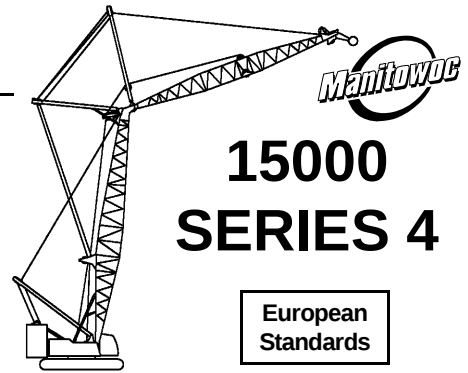
Capacities indicated by (b) require 1 180 kg minimum block weight.
Capacities based on structural competence are denoted by an asterisk (*).

Liftcrane Luffing Jib Intermediate Fall 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, 73.2m (240 Ft.) Luffing Jib

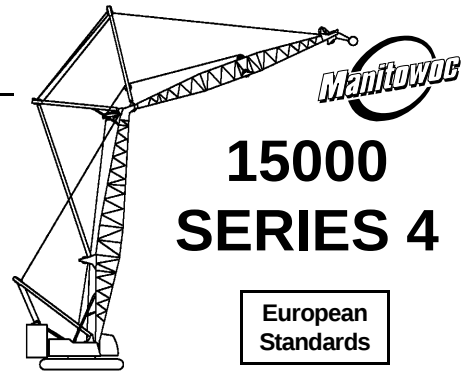
Int. Fall Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			Int. Fall Oper. Rad. m
	Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall		
		Ang. Deg.	Elev. m		Capacity Kilograms	Ang. Deg.		Elev. m	Capacity Kilograms		Ang. Deg.	Elev. m		Capacity Kilograms	Ang. Deg.	
13.7	76.0	68.1	24 700*													13.7
14.0	75.6	68.0	24 000*													14.0
15.0	74.1	67.7	21 800*													15.0
16.0	72.5	67.4	19 900*													16.0
17.0	71.0	67.1	18 200*	72.5	67.3	19 900*										17.0
18.0	69.5	66.7	16 700*	70.9	67.0	18 200*										18.0
19.0	67.9	66.3	15 400*	69.4	66.6	16 700*										19.0
20.0	66.3	65.8	14 300*	67.8	66.2	15 400*	70.1	66.6	17 300*							20.0
21.0	64.7	65.4	13 200*	66.2	65.8	14 200*	68.5	66.2	16 000*							21.0
22.0	63.1	64.9	12 200*	64.6	65.3	13 100*	66.9	65.8	14 700*							22.0
23.0	61.4	64.3	11 400*	63.0	64.8	12 200*	65.3	65.3	13 600*	67.6	65.7	15 200*				23.0
24.0	59.7	63.7	10 600*	61.3	64.2	11 300*	63.7	64.8	12 600*	66.0	65.3	14 100*				24.0
25.0	58.0	63.1	9 900*	59.7	63.6	10 500*	62.1	64.3	11 700*	64.4	64.8	13 000*				25.0
26.0	56.3	62.4	9 200*	57.9	63.0	9 800*	60.4	63.7	10 900*	62.7	64.3	12 100*				26.0
27.0	54.5	61.7	8 600*	56.2	62.3	9 200*	58.7	63.1	10 100*	61.1	63.7	11 200*				27.0
28.0	52.7	61.0	8 000*	54.4	61.6	8 500*	57.0	62.5	9 500*	59.4	63.1	10 500*				28.0
29.0	50.8	60.1	7 500*	52.6	60.8	8 000*	55.2	61.7	8 800*	57.7	62.5	9 800*	61.7	63.3	11 500*	29.0
30.0	48.9	59.3	7 000*	50.7	60.0	7 500*	53.4	61.0	8 200*	55.9	61.8	9 100*	60.0	62.7	10 700*	30.0
31.0	46.9	58.3	6 500*	48.8	59.2	7 000*	51.5	60.2	7 700*	54.1	61.1	8 500*	58.3	62.1	10 000*	31.0
32.0	44.8	57.3	6 100*	46.8	58.2	6 500*	49.6	59.4	7 200*	52.3	60.3	7 900*	56.5	61.5	9 300*	32.0
33.0	42.7	56.2	5 700*	44.7	57.2	6 100*	47.7	58.5	6 700*	50.4	59.5	7 400*	54.7	60.7	8 700*	33.0
34.0	40.5	55.1	5 300*	42.6	56.1	5 700*	45.6	57.5	6 300*	48.5	58.6	6 900*	52.9	60.0	8 100*	34.0
35.0	38.1	53.8	5 000*	40.4	55.0	5 300*	43.5	56.4	5 900*	46.5	57.7	6 500*	51.1	59.2	7 600*	35.0
36.0	35.7	52.5	4 600*	38.0	53.7	5 000*	41.3	55.3	5 500*	44.4	56.6	6 000*	49.1	58.3	7 100*	36.0
37.0	33.0	50.9	4 300*	35.6	52.3	4 600*	39.1	54.1	5 100*	42.3	55.5	5 600*	47.2	57.4	6 700*	37.0
38.0	30.2	49.2	4 000*	32.9	50.8	4 300*	36.6	52.7	4 800*	40.0	54.3	5 300*	45.1	56.4	6 200*	38.0
39.0	27.1	47.3	3 700*	30.1	49.1	4 000*	34.1	51.3	4 500*	37.7	53.1	5 000*	43.0	55.3	5 800*	39.0
40.0	23.6	45.1	3 400*	26.9	47.2	3 700*	31.3	49.7	4 200*	35.2	51.7	4 600*	40.8	54.2	5 400*	40.0
42.0				19.2	42.3	2 700*	25.0	45.8	3 600*	29.6	48.4	4 000*	36.0	51.6	4 700*	42.0
44.0							16.4	40.2	2 300*	22.8	44.2	3 500*	30.6	48.4	4 100*	44.0
46.0													24.1	44.4	3 600*	46.0

Capacities indicated by (b) require 1 180 kg minimum block weight.
Capacities based on structural competence are denoted by an asterisk (*).

Liftcrane Luffing Jib Intermediate Fall 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

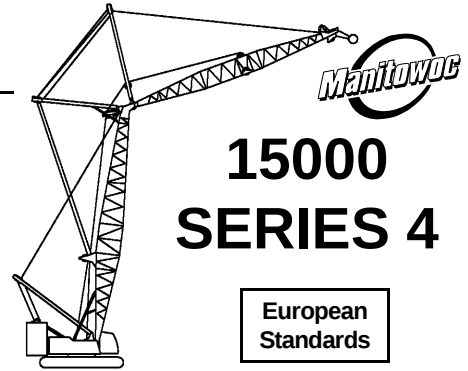
30.5m (100 Ft.) Boom, 21.3m (70 Ft.) Luffing Jib

Int. Fall Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Int. Fall Oper. Rad. m
	Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall		
	Ang. Deg.	Elev. m	Capacity Kilograms	Ang. Deg.	Elev. m	Capacity Kilograms	Ang. Deg.	Elev. m	Capacity Kilograms	Ang. Deg.	Elev. m	Capacity Kilograms	Ang. Deg.	Elev. m	Capacity Kilograms	Ang. Deg.	Elev. m	Capacity Kilograms	
10.7	57.5	42.8	16 900*																10.7
11.0	55.5	42.5	16 100*																11.0
12.0	49.3	41.7	13 700*																12.0
13.0	42.3	40.6	11 800*	49.7	41.6	14 000*													13.0
14.0	34.0	39.2	10 300*	42.7	40.6	11 900*	53.4	42.0	15 300*										14.0
15.0	23.0	37.0	9 000*	34.6	39.2	10 400*	46.9	41.0	13 100*										15.0
16.0							39.6	39.9	11 300*	50.7	41.3	14 400*							16.0
17.0										43.9	40.3	12 300*	60.2	41.9	18 800*b				17.0
18.0										36.0	39.0	10 700*	54.4	41.2	15 800*				18.0
19.0													48.0	40.3	13 400*				19.0
20.0													40.8	39.2	11 600*				20.0
21.0													32.2	37.7	10 200*				21.0
22.0																44.7	38.9	12 700*	22.0
23.0																36.9	37.6	10 900*	23.0
24.0																27.1	35.8	9 600*	24.0

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

Int. Fall Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Int. Fall Oper. Rad. m
	Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		
		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms	
9.1	65.9	43.7	19 300* b	61.6	43.2	16 500*		42.7	15 400*		42.8	17 100* b		41.9	15 800*		38.9	10 500*	9.1
10.0	61.3	43.2	16 400*																10.0
11.0	55.5	42.5	13 300*																11.0
12.0	49.3	41.7	11 300*																12.0
13.0	42.3	40.6	9 800*																13.0
14.0	34.0	39.2	8 500*	42.7	40.6	9 900*	53.4	42.0	12 600*	62.5	42.8	17 100* b	60.2	41.9	15 800*		38.9	10 500*	14.0
15.0	23.0	37.0	7 400*	34.6	39.2	8 600*	46.9	41.0	10 800*	56.8	42.2	14 100*							15.0
16.0							39.6	39.9	9 300*	50.7	41.3	11 800*							16.0
17.0										43.9	40.3	10 200*							17.0
18.0										36.0	39.0	8 800*							18.0
19.0													48.0	40.3	11 100*	44.7	38.9	10 500*	19.0
20.0													40.8	39.2	9 600*				20.0
21.0													32.2	37.7	8 400*				21.0
22.0																			22.0
23.0																			23.0
24.0																27.1	35.8	7 900*	24.0

Capacities indicated by (b) require 1 180 kg minimum block weight.
Capacities based on structural competence are denoted by an asterisk (*).



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European
Standards

**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

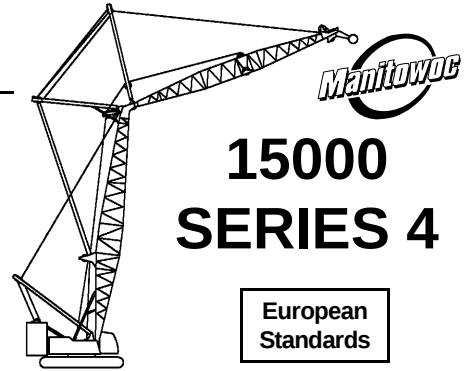
Int. Fall Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Int. Fall Oper. Rad. m
	Jib		Intermediate Fall Elev. m Capacity Kilograms	Jib		Intermediate Fall Elev. m Capacity Kilograms	Jib		Intermediate Fall Elev. m Capacity Kilograms	Jib		Intermediate Fall Elev. m Capacity Kilograms	Jib		Intermediate Fall Elev. m Capacity Kilograms	Jib		Intermediate Fall Elev. m Capacity Kilograms	
	Ang. Deg.			Ang. Deg.			Ang. Deg.			Ang. Deg.			Ang. Deg.			Ang. Deg.			
9.1	65.9	43.7	17 100* b	61.6	43.2	14 600*												9.1	
10.0	61.3	43.2	14 600*																10.0
11.0	55.5	42.5	11 800*																11.0
12.0	49.3	41.7	10 000*																12.0
13.0	42.3	40.6	8 500*																13.0
14.0	34.0	39.2	7 400*	42.7	40.6	8 600*	53.4	42.0	11 100*	62.5	42.8	15 200*	60.2	41.9	14 000*			14.0	
15.0	23.0	37.0	6 400*	34.6	39.2	7 500*	46.9	41.0	9 500*	56.8	42.2	12 500*							15.0
16.0							39.6	39.9	8 100*	50.7	41.3	10 300*							16.0
17.0										43.9	40.3	8 900*							17.0
18.0										36.0	39.0	7 700*							18.0
19.0													48.0	40.3	9 700*			19.0	
20.0													40.8	39.2	8 400*			20.0	
21.0													32.2	37.7	7 200*			21.0	
22.0																44.7	38.9	9 200*	22.0
23.0																36.9	37.6	7 900*	23.0
24.0																27.1	35.8	6 800*	24.0

Capacities indicated by (b) require 1 180 kg minimum block weight.
Capacities based on structural competence are denoted by an asterisk (*).

Liftcrane Luffing Jib Intermediate Fall Capacities

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

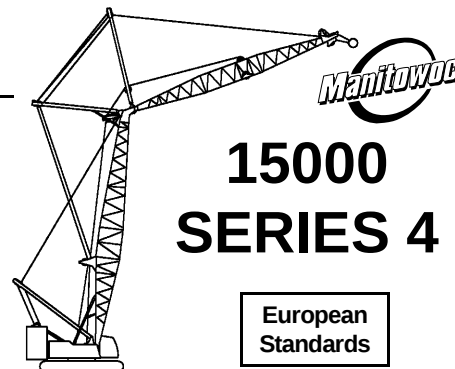
Maximum Operating Wind Speeds (all boom lengths)	
13 m/s with 21.3m thru 33.5m Luffing Jib	
11 m/s with 36.6m thru 42.7m Luffing Jib	
9 m/s with 45.7m thru 51.8m Luffing Jib	
7 m/s with 54.9m thru 67.1m Luffing Jib	
5 m/s with 70.1m and 73.2m Luffing Jib	



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

Int. Fall Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Int. Fall Oper. Rad. m
	Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall		
	Ang. Deg.	Elev. m	Capacity Kilograms	Ang. Deg.	Elev. m	Capacity Kilograms	Ang. Deg.	Elev. m	Capacity Kilograms	Ang. Deg.	Elev. m	Capacity Kilograms	Ang. Deg.	Elev. m	Capacity Kilograms	Ang. Deg.	Elev. m	Capacity Kilograms	
9.1	71.1	47.0	24 500*	67.8	46.6	21 000*													
10.0	67.6	46.7	20 800*																
11.0	63.3	46.2	16 900*																
12.0	58.9	45.5	14 300*																
13.0	54.2	44.8	12 300*																
14.0	49.2	44.0	10 800*	54.5	44.8	12 500*	61.8	45.7	16 000*	59.9	45.2	15 200*							
15.0	43.8	42.9	9 500*	49.5	43.9	10 800*	57.3	45.0	13 600*										
16.0	37.6	41.7	8 400*	44.1	42.9	9 500*	52.5	44.3	11 800*										
17.0	30.4	40.0	7 400*	38.1	41.7	8 500*	47.4	43.3	10 300*										
18.0	20.8	37.7	6 600*	30.9	40.1	7 500*	41.7	42.2	9 100*										
19.0							35.3	40.9	8 100*	45.0	42.6	9 800*	58.0	44.2	14 200*				
20.0										39.1	41.4	8 700*	53.3	43.5	12 100*				
21.0										32.2	39.9	7 700*	48.2	42.6	10 600*				
22.0													42.6	41.5	9 300*				
23.0													36.4	40.2	8 300*				
24.0													28.8	38.5	7 400*	45.6	41.3	10 000*	
25.0																39.7	40.1	8 800*	
26.0																32.9	38.6	7 800*	
27.0																24.4	36.5	7 000*	

Capacities indicated by (b) require 1 180 kg minimum block weight.
Capacities based on structural competence are denoted by an asterisk (*).



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SERIES 4**

European
Standards

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

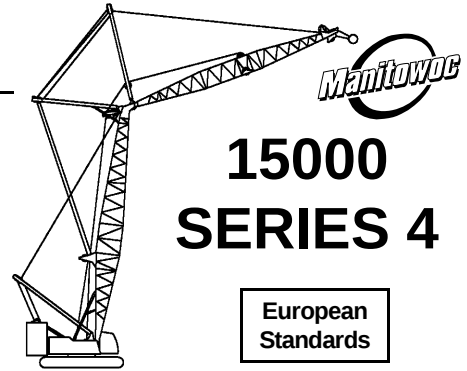
Int. Fall Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Int. Fall Oper. Rad. m
	Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		
		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms	
9.1	65.9	43.7	16 100*	71.5	44.1	21 100*b													
10.0	61.3	43.2	13 700*	67.0	43.7	17 400*													
11.0	55.5	42.5	11 100*	61.6	43.2	13 500*													
12.0	49.3	41.7	9 400*	55.9	42.5	11 200*													
13.0	42.3	40.6	8 100*	49.7	41.6	9 500*	59.3	42.7	12 800*										13.0
14.0	34.0	39.2	7 100*	42.7	40.6	8 200*	53.4	42.0	10 500*	62.5	42.8	14 300*							14.0
15.0	23.0	37.0	6 200*	34.6	39.2	7 100*	46.9	41.0	9 000*	56.8	42.2	11 800*							15.0
16.0							39.6	39.9	7 700*	50.7	41.3	9 800*							16.0
17.0										43.9	40.3	8 400*	60.2	41.9	13 100*				17.0
18.0										36.0	39.0	7 300*	54.4	41.2	11 000*				18.0
19.0													48.0	40.3	9 200*				19.0
20.0													40.8	39.2	8 000*				20.0
21.0													32.2	37.7	6 900*				21.0
22.0																44.7	38.9	8 700*	22.0
23.0																36.9	37.6	7 500*	23.0
24.0																27.1	35.8	6 500*	24.0

Capacities indicated by (b) require 1 180 kg minimum block weight.
Capacities based on structural competence are denoted by an asterisk (*).

Liftcrane Luffing Jib Intermediate Fall Capacities

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

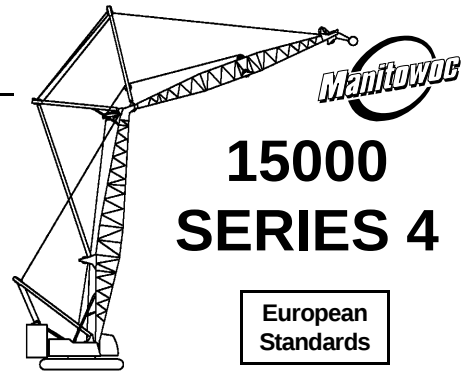
Maximum Operating Wind Speeds (all boom lengths)	
13 m/s with 21.3m thru 33.5m Luffing Jib	
11 m/s with 36.6m thru 42.7m Luffing Jib	
9 m/s with 45.7m thru 51.8m Luffing Jib	
7 m/s with 54.9m thru 67.1m Luffing Jib	
5 m/s with 70.1m and 73.2m Luffing Jib	



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

Int. Fall Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Int. Fall Oper. Rad. m
	Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall		
	Ang. Deg.	Elev. m	Capacity Kilograms	Ang. Deg.	Elev. m	Capacity Kilograms	Ang. Deg.	Elev. m	Capacity Kilograms	Ang. Deg.	Elev. m	Capacity Kilograms	Ang. Deg.	Elev. m	Capacity Kilograms	Ang. Deg.	Elev. m	Capacity Kilograms	
9.1	71.1	47.0	22 200*																9.1
10.0	67.6	46.7	18 800*																10.0
11.0	63.3	46.2	15 200*	67.8	46.6	18 900*													11.0
12.0	58.9	45.5	12 900*	63.6	46.1	15 600*													12.0
13.0	54.2	44.8	11 100*	59.2	45.5	13 000*	66.1	46.2	17 600*										13.0
14.0	49.2	44.0	9 700*	54.5	44.8	11 200*	61.8	45.7	14 400*										14.0
15.0	43.8	42.9	8 500*	49.5	43.9	9 800*	57.3	45.0	12 300*										15.0
16.0	37.6	41.7	7 500*	44.1	42.9	8 600*	52.5	44.3	10 600*	59.9	45.2	13 700*							16.0
17.0	30.4	40.0	6 700*	38.1	41.7	7 600*	47.4	43.3	9 300*	55.3	44.5	11 500*							17.0
18.0	20.8	37.7	6 000*	30.9	40.1	6 700*	41.7	42.2	8 200*	50.4	43.6	10 000*							18.0
19.0							35.3	40.9	7 200*	45.0	42.6	8 800*	58.0	44.2	12 800*				19.0
20.0										39.1	41.4	7 800*	53.3	43.5	10 900*				20.0
21.0										32.2	39.9	6 900*	48.2	42.6	9 500*				21.0
22.0													42.6	41.5	8 400*				22.0
23.0													36.4	40.2	7 400*	50.9	42.2	10 300*	23.0
24.0													28.8	38.5	6 600*	45.6	41.3	9 000*	24.0
25.0																39.7	40.1	7 900*	25.0
26.0																32.9	38.6	7 000*	26.0
27.0																24.4	36.5	6 300*	27.0

Capacities indicated by (b) require 1 180 kg minimum block weight.
Capacities based on structural competence are denoted by an asterisk (*).



Liftcrane Luffing Jib Intermediate Fall 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

**European
Standards**

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

Int. Fall Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Int. Fall Oper. Rad. m
	Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		
		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms	
9.1	74.4	50.3	26 700*															9.1	
10.0	71.5	50.0	23 200*															10.0	
11.0	68.1	49.6	19 400*	71.7	49.9	23 900*												11.0	
12.0	64.6	49.1	16 400*	68.3	49.5	19 700*												12.0	
13.0	61.0	48.5	14 100*	64.9	49.0	16 500*												13.0	
14.0	57.3	47.9	12 300*	61.3	48.5	14 300*	66.9	49.1	18 400*									14.0	
15.0	53.3	47.1	10 800*	57.5	47.8	12 400*	63.4	48.6	15 700*									15.0	
16.0	49.2	46.3	9 600*	53.6	47.1	10 900*	59.7	48.0	13 500*									16.0	
17.0	44.7	45.3	8 600*	49.4	46.2	9 700*	55.9	47.3	11 800*	61.8	48.1	14 700*						17.0	
18.0	39.8	44.1	7 700*	45.0	45.2	8 600*	51.9	46.6	10 400*	58.1	47.5	12 800*						18.0	
19.0	34.3	42.7	6 900*	40.1	44.1	7 800*	47.6	45.7	9 300*	54.2	46.8	11 200*						19.0	
20.0	27.8	40.8	6 300*	34.7	42.7	7 000*	43.0	44.6	8 300*	50.1	45.9	10 000*	60.3	47.2	13 900*			20.0	
21.0	19.2	38.3	5 700*	28.3	40.9	6 300*	38.0	43.3	7 500*	45.7	45.0	8 900*	56.5	46.6	12 200*			21.0	
22.0							32.2	41.8	6 700*	41.0	43.8	8 000*	52.6	45.8	10 700*			22.0	
23.0										35.6	42.5	7 200*	48.3	44.9	9 500*			23.0	
24.0										29.4	40.8	6 500*	43.8	43.9	8 500*			24.0	
25.0													38.8	42.7	7 600*	50.6	44.5	10 200*	25.0
26.0													33.2	41.2	6 900*	46.2	43.6	9 100*	26.0
27.0													26.4	39.3	6 200*	41.5	42.5	8 100*	27.0
28.0																36.2	41.1	7 300*	28.0
29.0																30.1	39.5	6 600*	29.0
30.0																22.4	37.2	6 000*	30.0

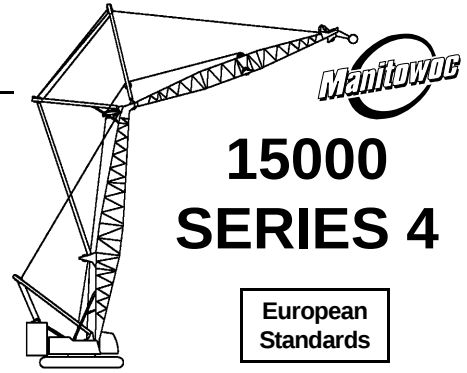
Capacities indicated by (b) require 1 180 kg minimum block weight.
Capacities based on structural competence are denoted by an asterisk (*).

Liftcrane Luffing Jib Intermediate Fall 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)**

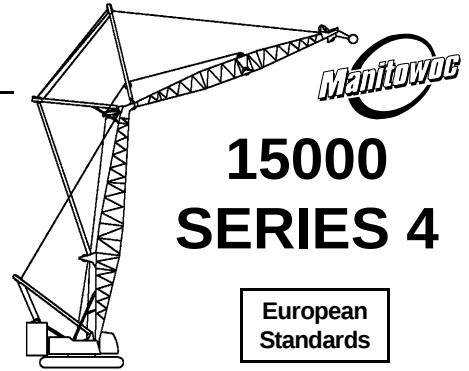
13 m/s with 21.3m thru 33.5m Luffing Jib
11 m/s with 36.6m thru 42.7m Luffing Jib
9 m/s with 45.7m thru 51.8m Luffing Jib
7 m/s with 54.9m thru 67.1m Luffing Jib
5 m/s with 70.1m and 73.2m Luffing Jib



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

Int. Fall Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Int. Fall Oper. Rad. m																																		
	Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall																																				
	Ang. Deg.	Elev. m	Capacity Kilograms	Ang. Deg.	Elev. m	Capacity Kilograms	Ang. Deg.	Elev. m	Capacity Kilograms	Ang. Deg.	Elev. m	Capacity Kilograms	Ang. Deg.	Elev. m	Capacity Kilograms	Ang. Deg.	Elev. m	Capacity Kilograms																																			
10.7	72.4	53.0	26 500*																10.7																																		
11.0	71.4	52.8	25 300*																	68.7	52.4	21 700*	65.7	51.9	18 500*																												
12.0	68.5	52.5	21 400*																																																		
13.0	65.6	52.0	18 300*																																																		
14.0	62.5	51.5	16 100*																																																		
15.0	59.4	50.9	14 200*	62.7	51.4	16 200*	64.5	51.5	17 700*									15.0																																			
16.0	56.1	50.2	12 600*	59.6	50.8	14 300*													61.4	51.0	15 400*	66.2	51.6	19 200*	63.2	51.0	16 700*			16.0																							
17.0	52.7	49.4	11 300*	56.3	50.2	12 700*																									61.4	51.0	15 400*	66.2	51.6	19 200*	63.2	51.0	16 700*			17.0											
18.0	49.1	48.6	10 200*	52.9	49.4	11 400*																																					58.2	50.4	13 700*	60.1	50.5	14 700*					18.0
19.0	45.4	47.6	9 200*	49.4	48.5	10 300*																																															
20.0	41.3	46.5	8 400*	45.6	47.6	9 300*	51.5	48.9	11 000*	56.8	49.8	13 000*	58.7	49.6	14 100*				20.0																																		
21.0	36.8	45.1	7 600*	41.6	46.5	8 400*	47.8	48.0	9 900*	53.5	49.1	11 700*								55.5	48.9	12 500*	52.0	48.1	11 200*	21.0																											
22.0	31.8	43.6	7 000*	37.1	45.2	7 700*	44.0	46.9	9 000*	50.0	48.2	10 500*															46.2	47.3	9 500*	46.2	46.2	8 600*	22.0																				
23.0	25.9	41.6	6 400*	32.2	43.6	7 000*	39.8	45.7	8 100*	46.2	47.3	9 500*																						55.5	48.9	12 500*	52.0	48.1	11 200*	23.0													
24.0	18.1	38.9	5 800*	26.3	41.7	6 400*	35.2	44.4	7 400*	42.2	46.2	8 600*																													52.0	48.1	11 200*				24.0						
25.0							29.9	42.7	6 800*	37.9	44.9	7 800*	48.4	47.2	10 100*	53.8	47.7	11 900*	25.0																																		
26.0										33.0	43.4	7 100*	44.6	46.2	9 200*					50.3	46.8	10 700*	26.0																														
27.0										27.3	41.6	6 500*	40.5	45.0	8 300*									46.6	45.9	9 700*	27.0																										
28.0													35.9	43.7	7 600*													42.7	44.8	8 800*	28.0																						
29.0													30.8	42.1	7 000*																				29.0																		
30.0													24.6	40.0	6 300*	38.3	43.6	8 000*	30.0																																		
31.0																33.5	42.1	7 300*	31.0																																		
32.0																28.0	40.3	6 700*	32.0																																		
33.0																21.0	37.9	6 100*	33.0																																		

Capacities indicated by (b) require 1 180 kg minimum block weight.
Capacities based on structural competence are denoted by an asterisk (*).



Liftcrane Luffing Jib Intermediate Fall 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

**European
Standards**

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

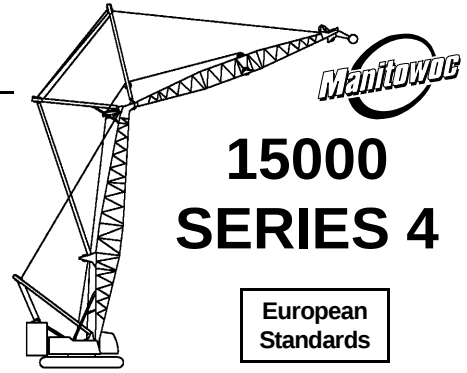
Int. Fall Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Int. Fall Oper. Rad. m
	Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall		
		Ang. Deg.	Elev. m		Capacity Kilograms	Ang. Deg.		Elev. m	Capacity Kilograms		Ang. Deg.	Elev. m		Capacity Kilograms	Ang. Deg.		Elev. m	Capacity Kilograms	
10.7	74.7	56.2	26 700*															10.7	
11.0	73.9	56.1	26 300*															11.0	
12.0	71.4	55.7	25 000*															12.0	
13.0	68.8	55.3	22 700*	71.5	55.7	24 900*												13.0	
14.0	66.2	54.9	19 400*	69.0	55.3	22 500*												14.0	
15.0	63.6	54.4	17 200*	66.4	54.8	19 700*												15.0	
16.0	60.9	53.8	15 400*	63.8	54.3	17 400*	67.9	54.9	21 300*									16.0	
17.0	58.1	53.2	13 800*	61.1	53.8	15 500*	65.3	54.5	18 700*									17.0	
18.0	55.2	52.5	12 500*	58.3	53.2	14 000*	62.7	53.9	16 600*									18.0	
19.0	52.2	51.7	11 400*	55.4	52.5	12 600*	59.9	53.3	14 900*	64.2	54.0	17 900*						19.0	
20.0	49.1	50.9	10 400*	52.4	51.7	11 500*	57.1	52.7	13 400*	61.5	53.4	15 900*						20.0	
21.0	45.8	49.9	9 500*	49.3	50.8	10 500*	54.2	52.0	12 200*	58.7	52.8	14 200*						21.0	
22.0	42.4	48.8	8 700*	46.1	49.9	9 600*	51.2	51.2	11 100*	55.9	52.1	12 900*						22.0	
23.0	38.6	47.6	8 000*	42.6	48.8	8 800*	48.0	50.3	10 100*	52.9	51.4	11 700*	60.4	52.5	15 300*			23.0	
24.0	34.5	46.1	7 400*	38.8	47.6	8 100*	44.6	49.3	9 300*	49.8	50.5	10 700*	57.6	51.9	13 800*			24.0	
25.0	29.9	44.5	6 800*	34.8	46.2	7 500*	41.1	48.1	8 500*	46.6	49.6	9 800*	54.7	51.2	12 500*			25.0	
26.0	24.4	42.4	6 300*	30.2	44.5	6 900*	37.2	46.8	7 800*	43.1	48.5	9 000*	51.7	50.4	11 400*			26.0	
27.0	17.2	39.5	5 800*	24.8	42.4	6 300*	32.9	45.3	7 200*	39.5	47.3	8 300*	48.5	49.5	10 400*			27.0	
28.0							28.0	43.5	6 700*	35.4	45.9	7 600*	45.2	48.5	9 500*	53.2	50.0	12 000*	
29.0										30.9	44.3	7 000*	41.7	47.4	8 700*	50.2	49.1	10 900*	
30.0										25.7	42.3	6 500*	37.8	46.1	8 000*	46.9	48.2	10 000*	
31.0													33.6	44.7	7 400*	43.5	47.2	9 200*	
32.0													28.9	42.9	6 800*	39.9	46.0	8 400*	
33.0													23.2	40.7	6 300*	35.9	44.6	7 800*	
34.0																31.4	43.0	7 200*	
35.0																26.3	41.1	6 600*	
36.0																19.9	38.5	6 100*	

Capacities indicated by (b) require 1 180 kg minimum block weight.
Capacities based on structural competence are denoted by an asterisk (*).

Liftcrane Luffing Jib Intermediate Fall Capacities

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

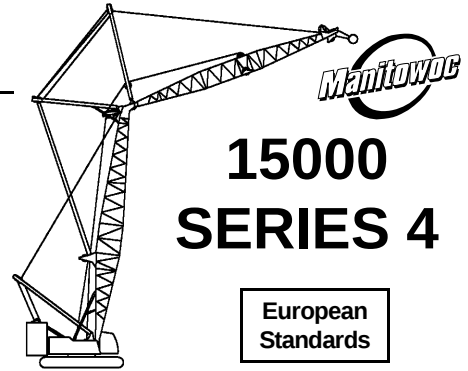
Maximum Operating Wind Speeds
(all boom lengths)
13 m/s with 21.3m thru 33.5m Luffing Jib
11 m/s with 36.6m thru 42.7m Luffing Jib
9 m/s with 45.7m thru 51.8m Luffing Jib
7 m/s with 54.9m thru 67.1m Luffing Jib
5 m/s with 70.1m and 73.2m Luffing Jib



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

Int. Fall Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Int. Fall Oper. Rad. m
	Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall		
		Ang. Deg.	Elev. m		Capacity Kilograms	Ang. Deg.		Elev. m	Capacity Kilograms		Ang. Deg.	Elev. m		Capacity Kilograms	Ang. Deg.		Elev. m	Capacity Kilograms	
12.2	73.1	58.9	26 700*															12.2	
13.0	71.3	58.6	26 200*															13.0	
14.0	69.1	58.2	25 200*	71.4	58.5	26 300*												14.0	
15.0	66.8	57.8	22 400*	69.2	58.2	24 700*												15.0	
16.0	64.4	57.3	19 800*	66.9	57.7	22 600*												16.0	
17.0	62.1	56.8	17 800*	64.6	57.2	19 900*	68.3	57.8	23 900*									17.0	
18.0	59.6	56.2	16 200*	62.2	56.7	18 000*	66.0	57.3	21 400*									18.0	
19.0	57.1	55.5	14 700*	59.8	56.1	16 300*	63.6	56.8	19 100*									19.0	
20.0	54.6	54.8	13 500*	57.3	55.5	14 800*	61.2	56.3	17 300*	65.0	56.9	20 400*						20.0	
21.0	51.9	54.0	12 400*	54.7	54.8	13 600*	58.8	55.7	15 700*	62.6	56.3	18 400*						21.0	
22.0	49.1	53.2	11 400*	52.1	54.0	12 500*	56.2	55.0	14 400*	60.2	55.8	16 700*						22.0	
23.0	46.2	52.2	10 500*	49.3	53.1	11 500*	53.6	54.3	13 200*	57.7	55.1	15 200*						23.0	
24.0	43.2	51.2	9 700*	46.4	52.2	10 600*	50.9	53.5	12 100*	55.1	54.4	13 900*						24.0	
25.0	39.9	50.0	9 000*	43.3	51.1	9 800*	48.1	52.6	11 200*	52.5	53.7	12 800*	59.2	54.9	16 200*			25.0	
26.0	36.4	48.6	8 300*	40.1	50.0	9 100*	45.2	51.6	10 300*	49.7	52.8	11 700*	56.6	54.2	14 700*			26.0	
27.0	32.6	47.1	7 800*	36.6	48.6	8 400*	42.0	50.5	9 500*	46.9	51.9	10 800*	54.0	53.5	13 500*			27.0	
28.0	28.2	45.3	7 200*	32.8	47.1	7 800*	38.7	49.2	8 900*	43.8	50.8	10 000*	51.4	52.7	12 400*			28.0	
29.0	23.2	43.1	6 700*	28.5	45.3	7 300*	35.1	47.8	8 200*	40.6	49.7	9 300*	48.6	51.8	11 400*	55.5	53.0	14 200*	29.0
30.0	16.5	40.1	6 300*	23.5	43.2	6 800*	31.1	46.2	7 600*	37.2	48.4	8 600*	45.6	50.8	10 600*	52.8	52.3	13 000*	30.0
31.0							26.6	44.3	7 100*	33.5	46.9	8 000*	42.5	49.7	9 800*	50.0	51.4	12 000*	31.0
32.0							21.1	41.9	6 600*	29.3	45.2	7 500*	39.2	48.5	9 100*	47.2	50.5	11 100*	32.0
33.0										24.4	43.1	6 900*	35.7	47.2	8 400*	44.2	49.5	10 200*	33.0
34.0													31.8	45.6	7 800*	41.0	48.3	9 500*	34.0
35.0													27.3	43.7	7 300*	37.6	47.0	8 800*	35.0
36.0													22.0	41.4	6 800*	33.9	45.6	8 200*	36.0
37.0																29.7	43.9	7 700*	37.0
38.0																24.9	41.8	7 100*	38.0
39.0																19.0	39.2	6 600*	39.0

Capacities indicated by (b) require 1 180 kg minimum block weight.
Capacities based on structural competence are denoted by an asterisk (*).



15000 SERIES 4

European
Standards

**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

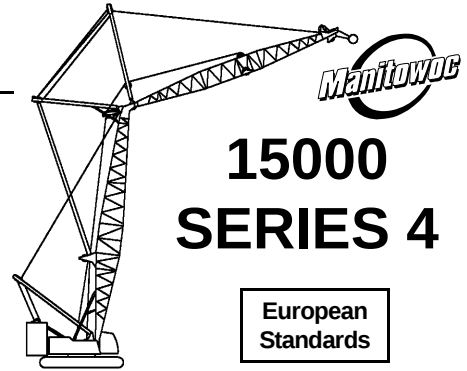
Int. Fall Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Int. Fall Oper. Rad. m
	Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		
		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms	
10.7	74.7	56.2	26 700*															10.7	
11.0	73.9	56.1	25 900*															11.0	
12.0	71.4	55.7	23 400*															12.0	
13.0	68.8	55.3	20 700*	71.5	55.7	23 900*												13.0	
14.0	66.2	54.9	18 000*	69.0	55.3	20 700*												14.0	
15.0	63.6	54.4	15 900*	66.4	54.8	18 200*												15.0	
16.0	60.9	53.8	14 200*	63.8	54.3	16 100*	67.9	54.9	19 800*									16.0	
17.0	58.1	53.2	12 800*	61.1	53.8	14 400*	65.3	54.5	17 300*									17.0	
18.0	55.2	52.5	11 600*	58.3	53.2	12 900*	62.7	53.9	15 400*									18.0	
19.0	52.2	51.7	10 500*	55.4	52.5	11 700*	59.9	53.3	13 800*	64.2	54.0	16 600*						19.0	
20.0	49.1	50.9	9 600*	52.4	51.7	10 600*	57.1	52.7	12 500*	61.5	53.4	14 700*						20.0	
21.0	45.8	49.9	8 800*	49.3	50.8	9 700*	54.2	52.0	11 300*	58.7	52.8	13 200*						21.0	
22.0	42.4	48.8	8 000*	46.1	49.9	8 800*	51.2	51.2	10 300*	55.9	52.1	12 000*						22.0	
23.0	38.6	47.6	7 400*	42.6	48.8	8 100*	48.0	50.3	9 400*	52.9	51.4	10 900*	60.4	52.5	14 100*			23.0	
24.0	34.5	46.1	6 800*	38.8	47.6	7 400*	44.6	49.3	8 600*	49.8	50.5	9 900*	57.6	51.9	12 800*			24.0	
25.0	29.9	44.5	6 300*	34.8	46.2	6 900*	41.1	48.1	7 900*	46.6	49.6	9 100*	54.7	51.2	11 500*			25.0	
26.0	24.4	42.4	5 800*	30.2	44.5	6 300*	37.2	46.8	7 200*	43.1	48.5	8 300*	51.7	50.4	10 500*			26.0	
27.0	17.2	39.5	5 400*	24.8	42.4	5 900*	32.9	45.3	6 700*	39.5	47.3	7 700*	48.5	49.5	9 600*			27.0	
28.0							28.0	43.5	6 100*	35.4	45.9	7 100*	45.2	48.5	8 800*	53.2	50.0	11 100*	28.0
29.0										30.9	44.3	6 500*	41.7	47.4	8 100*	50.2	49.1	10 100*	29.0
30.0										25.7	42.3	6 000*	37.8	46.1	7 400*	46.9	48.2	9 300*	30.0
31.0													33.6	44.7	6 900*	43.5	47.2	8 500*	31.0
32.0													28.9	42.9	6 300*	39.9	46.0	7 800*	32.0
33.0													23.2	40.7	5 900*	35.9	44.6	7 200*	33.0
34.0																31.4	43.0	6 600*	34.0
35.0																26.3	41.1	6 100*	35.0
36.0																19.9	38.5	5 700*	36.0

Capacities indicated by (b) require 1 180 kg minimum block weight.
Capacities based on structural competence are denoted by an asterisk (*).

Liftcrane Luffing Jib Intermediate Fall Capacities

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

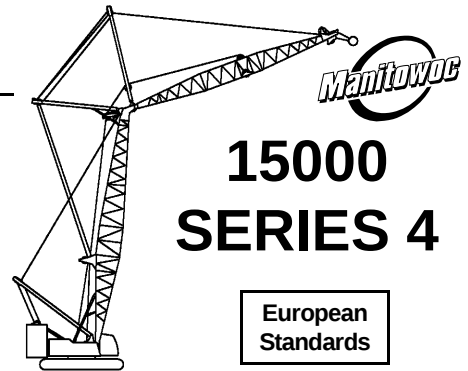
Maximum Operating Wind Speeds
(all boom lengths)
13 m/s with 21.3m thru 33.5m Luffing Jib
11 m/s with 36.6m thru 42.7m Luffing Jib
9 m/s with 45.7m thru 51.8m Luffing Jib
7 m/s with 54.9m thru 67.1m Luffing Jib
5 m/s with 70.1m and 73.2m Luffing Jib



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

Int. Fall Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Int. Fall Oper. Rad. m
	Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall		
		Ang. Deg.	Elev. m		Capacity Kilograms	Ang. Deg.		Elev. m	Capacity Kilograms		Ang. Deg.	Elev. m		Capacity Kilograms	Ang. Deg.		Elev. m	Capacity Kilograms	
12.2	73.1	58.9	26 700*															12.2	
13.0	71.3	58.6	25 100*															13.0	
14.0	69.1	58.2	23 000*	71.4	58.5	25 900*												14.0	
15.0	66.8	57.8	20 400*	69.2	58.2	23 000*												15.0	
16.0	64.4	57.3	18 100*	66.9	57.7	20 500*												16.0	
17.0	62.1	56.8	16 400*	64.6	57.2	18 300*	68.3	57.8	22 000*									17.0	
18.0	59.6	56.2	14 800*	62.2	56.7	16 500*	66.0	57.3	19 600*									18.0	
19.0	57.1	55.5	13 500*	59.8	56.1	15 000*	63.6	56.8	17 600*									19.0	
20.0	54.6	54.8	12 400*	57.3	55.5	13 600*	61.2	56.3	15 900*	65.0	56.9	18 800*						20.0	
21.0	51.9	54.0	11 300*	54.7	54.8	12 500*	58.8	55.7	14 400*	62.6	56.3	16 900*						21.0	
22.0	49.1	53.2	10 400*	52.1	54.0	11 400*	56.2	55.0	13 200*	60.2	55.8	15 300*						22.0	
23.0	46.2	52.2	9 600*	49.3	53.1	10 500*	53.6	54.3	12 100*	57.7	55.1	14 000*						23.0	
24.0	43.2	51.2	8 900*	46.4	52.2	9 700*	50.9	53.5	11 100*	55.1	54.4	12 800*						24.0	
25.0	39.9	50.0	8 200*	43.3	51.1	9 000*	48.1	52.6	10 200*	52.5	53.7	11 700*	59.2	54.9	14 800*			25.0	
26.0	36.4	48.6	7 600*	40.1	50.0	8 300*	45.2	51.6	9 500*	49.7	52.8	10 800*	56.6	54.2	13 500*			26.0	
27.0	32.6	47.1	7 100*	36.6	48.6	7 700*	42.0	50.5	8 800*	46.9	51.9	10 000*	54.0	53.5	12 400*			27.0	
28.0	28.2	45.3	6 600*	32.8	47.1	7 200*	38.7	49.2	8 100*	43.8	50.8	9 200*	51.4	52.7	11 400*			28.0	
29.0	23.2	43.1	6 100*	28.5	45.3	6 600*	35.1	47.8	7 500*	40.6	49.7	8 500*	48.6	51.8	10 500*	55.5	53.0	13 100*	29.0
30.0	16.5	40.1	5 700*	23.5	43.2	6 200*	31.1	46.2	7 000*	37.2	48.4	7 900*	45.6	50.8	9 700*	52.8	52.3	12 000*	30.0
31.0							26.6	44.3	6 500*	33.5	46.9	7 300*	42.5	49.7	9 000*	50.0	51.4	11 000*	31.0
32.0							21.1	41.9	6 100*	29.3	45.2	6 800*	39.2	48.5	8 300*	47.2	50.5	10 200*	32.0
33.0										24.4	43.1	6 400*	35.7	47.2	7 700*	44.2	49.5	9 400*	33.0
34.0													31.8	45.6	7 200*	41.0	48.3	8 700*	34.0
35.0													27.3	43.7	6 700*	37.6	47.0	8 100*	35.0
36.0													22.0	41.4	6 200*	33.9	45.6	7 500*	36.0
37.0																29.7	43.9	7 000*	37.0
38.0																24.9	41.8	6 500*	38.0
39.0																19.0	39.2	6 100*	39.0

Capacities indicated by (b) require 1 180 kg minimum block weight.
Capacities based on structural competence are denoted by an asterisk (*).



Liftcrane Luffing Jib Intermediate Fall 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

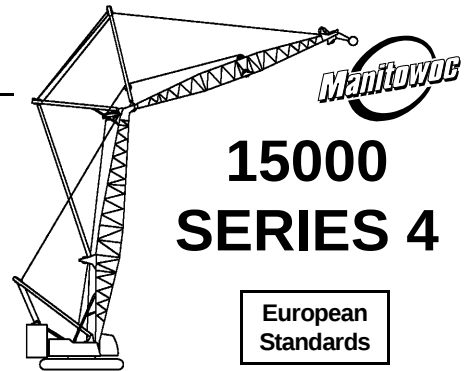
Int. Fall Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Int. Fall Oper. Rad. m
	Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		
		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms	
10.7	74.7	56.2	26 700*															10.7	
11.0	73.9	56.1	25 500*															11.0	
12.0	71.4	55.7	22 000*															12.0	
13.0	68.8	55.3	19 000*	71.5	55.7	22 400*												13.0	
14.0	66.2	54.9	16 700*	69.0	55.3	19 200*												14.0	
15.0	63.6	54.4	14 800*	66.4	54.8	16 800*												15.0	
16.0	60.9	53.8	13 200*	63.8	54.3	14 900*	67.9	54.9	18 300*									16.0	
17.0	58.1	53.2	11 900*	61.1	53.8	13 300*	65.3	54.5	16 000*									17.0	
18.0	55.2	52.5	10 700*	58.3	53.2	12 000*	62.7	53.9	14 300*									18.0	
19.0	52.2	51.7	9 700*	55.4	52.5	10 800*	59.9	53.3	12 800*	64.2	54.0	15 400*						19.0	
20.0	49.1	50.9	8 900*	52.4	51.7	9 800*	57.1	52.7	11 500*	61.5	53.4	13 600*						20.0	
21.0	45.8	49.9	8 100*	49.3	50.8	8 900*	54.2	52.0	10 400*	58.7	52.8	12 200*						21.0	
22.0	42.4	48.8	7 400*	46.1	49.9	8 200*	51.2	51.2	9 500*	55.9	52.1	11 100*						22.0	
23.0	38.6	47.6	6 800*	42.6	48.8	7 500*	48.0	50.3	8 700*	52.9	51.4	10 100*	60.4	52.5	13 100*			23.0	
24.0	34.5	46.1	6 300*	38.8	47.6	6 900*	44.6	49.3	7 900*	49.8	50.5	9 200*	57.6	51.9	11 900*			24.0	
25.0	29.9	44.5	5 800*	34.8	46.2	6 300*	41.1	48.1	7 300*	46.6	49.6	8 400*	54.7	51.2	10 700*			25.0	
26.0	24.4	42.4	5 400*	30.2	44.5	5 800*	37.2	46.8	6 700*	43.1	48.5	7 700*	51.7	50.4	9 800*			26.0	
27.0	17.2	39.5	5 000*	24.8	42.4	5 400*	32.9	45.3	6 200*	39.5	47.3	7 100*	48.5	49.5	8 900*			27.0	
28.0							28.0	43.5	5 700*	35.4	45.9	6 500*	45.2	48.5	8 200*	53.2	50.0	10 300*	
29.0										30.9	44.3	6 000*	41.7	47.4	7 500*	50.2	49.1	9 300*	
30.0										25.7	42.3	5 600*	37.8	46.1	6 900*	46.9	48.2	8 500*	
31.0													33.6	44.7	6 300*	43.5	47.2	7 800*	
32.0													28.9	42.9	5 800*	39.9	46.0	7 200*	
33.0													23.2	40.7	5 400*	35.9	44.6	6 700*	
34.0																31.4	43.0	6 200*	
35.0																26.3	41.1	5 700*	
36.0																19.9	38.5	5 300*	

Capacities indicated by (b) require 1 180 kg minimum block weight.
Capacities based on structural competence are denoted by an asterisk (*).

Liftcrane Luffing Jib Intermediate Fall 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

Int. Fall Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Int. Fall Oper. Rad. m
	Jib		Intermediate Fall	Jib		Intermediate Fall	Jib		Intermediate Fall	Jib		Intermediate Fall	Jib		Intermediate Fall	Jib		Intermediate Fall	
	Ang. Deg.	Elev. m		Capacity Kilograms	Ang. Deg.		Elev. m	Capacity Kilograms		Ang. Deg.	Elev. m		Capacity Kilograms	Ang. Deg.		Elev. m	Capacity Kilograms		
12.2	73.1	58.9	26 700*																12.2
13.0	71.3	58.6	24 100*																13.0
14.0	69.1	58.2	21 000*	71.4	58.5	24 200*													14.0
15.0	66.8	57.8	18 700*	69.2	58.2	21 300*													15.0
16.0	64.4	57.3	16 700*	66.9	57.7	18 800*													16.0
17.0	62.1	56.8	15 100*	64.6	57.2	16 900*	68.3	57.8	20 300*										17.0
18.0	59.6	56.2	13 700*	62.2	56.7	15 200*	66.0	57.3	18 100*										18.0
19.0	57.1	55.5	12 400*	59.8	56.1	13 800*	63.6	56.8	16 200*										19.0
20.0	54.6	54.8	11 400*	57.3	55.5	12 600*	61.2	56.3	14 600*	65.0	56.9	17 300*							20.0
21.0	51.9	54.0	10 400*	54.7	54.8	11 500*	58.8	55.7	13 300*	62.6	56.3	15 600*							21.0
22.0	49.1	53.2	9 600*	52.1	54.0	10 500*	56.2	55.0	12 200*	60.2	55.8	14 100*							22.0
23.0	46.2	52.2	8 800*	49.3	53.1	9 700*	53.6	54.3	11 100*	57.7	55.1	12 800*							23.0
24.0	43.2	51.2	8 100*	46.4	52.2	8 900*	50.9	53.5	10 200*	55.1	54.4	11 800*							24.0
25.0	39.9	50.0	7 500*	43.3	51.1	8 200*	48.1	52.6	9 400*	52.5	53.7	10 800*	59.2	54.9	13 700*				25.0
26.0	36.4	48.6	7 000*	40.1	50.0	7 600*	45.2	51.6	8 700*	49.7	52.8	9 900*	56.6	54.2	12 500*				26.0
27.0	32.6	47.1	6 500*	36.6	48.6	7 100*	42.0	50.5	8 000*	46.9	51.9	9 100*	54.0	53.5	11 400*				27.0
28.0	28.2	45.3	6 000*	32.8	47.1	6 600*	38.7	49.2	7 400*	43.8	50.8	8 500*	51.4	52.7	10 500*				28.0
29.0	23.2	43.1	5 600*	28.5	45.3	6 100*	35.1	47.8	6 900*	40.6	49.7	7 800*	48.6	51.8	9 700*	55.5	53.0	12 000*	29.0
30.0	16.5	40.1	5 200*	23.5	43.2	5 700*	31.1	46.2	6 400*	37.2	48.4	7 200*	45.6	50.8	8 900*	52.8	52.3	11 000*	30.0
31.0							26.6	44.3	5 900*	33.5	46.9	6 700*	42.5	49.7	8 300*	50.0	51.4	10 100*	31.0
32.0							21.1	41.9	5 500*	29.3	45.2	6 300*	39.2	48.5	7 700*	47.2	50.5	9 300*	32.0
33.0										24.4	43.1	5 800*	35.7	47.2	7 100*	44.2	49.5	8 600*	33.0
34.0													31.8	45.6	6 600*	41.0	48.3	8 000*	34.0
35.0													27.3	43.7	6 100*	37.6	47.0	7 500*	35.0
36.0													22.0	41.4	5 700*	33.9	45.6	6 900*	36.0
37.0																29.7	43.9	6 400*	37.0
38.0																24.9	41.8	6 000*	38.0
39.0																19.0	39.2	5 600*	39.0

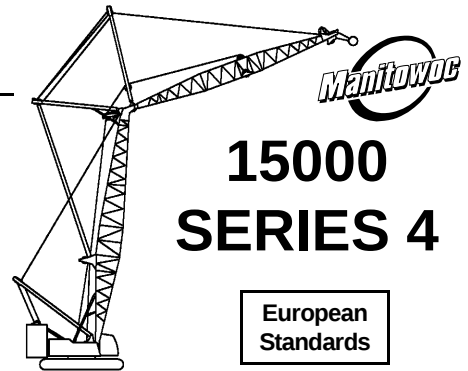
Capacities indicated by (b) require 1 180 kg minimum block weight.
Capacities based on structural competence are denoted by an asterisk (*).

Liftcrane Luffing Jib Intermediate Fall 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

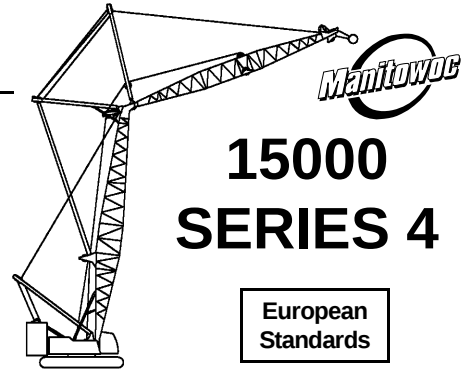
Int. Fall Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			Int. Fall Oper. Rad. m
	Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall		
		Ang. Deg.	Elev. m		Capacity Kilograms	Ang. Deg.		Elev. m	Capacity Kilograms		Ang. Deg.	Elev. m		Capacity Kilograms	Ang. Deg.	
12.2	74.8	62.1	26 700*													12.2
13.0	73.3	61.8	25 600*													13.0
14.0	71.3	61.5	24 000*	73.4	61.8	26 100*										14.0
15.0	69.2	61.1	21 800*	71.4	61.4	24 000*										15.0
16.0	67.2	60.7	19 500*	69.4	61.0	21 800*										16.0
17.0	65.1	60.2	17 600*	67.3	60.6	19 700*	70.6	61.1	23 100*							17.0
18.0	63.0	59.7	16 000*	65.2	60.2	17 800*	68.5	60.7	20 900*							18.0
19.0	60.8	59.1	14 600*	63.1	59.7	16 100*	66.5	60.2	18 900*							19.0
20.0	58.6	58.5	13 400*	61.0	59.1	14 800*	64.4	59.8	17 100*	67.6	60.2	20 100*				20.0
21.0	56.3	57.8	12 300*	58.7	58.5	13 500*	62.2	59.2	15 600*	65.6	59.8	18 200*				21.0
22.0	54.0	57.1	11 300*	56.5	57.8	12 400*	60.0	58.7	14 300*	63.5	59.3	16 500*				22.0
23.0	51.6	56.3	10 500*	54.2	57.1	11 400*	57.8	58.0	13 100*	61.3	58.7	15 100*				23.0
24.0	49.1	55.5	9 700*	51.7	56.3	10 600*	55.5	57.3	12 100*	59.1	58.1	13 800*				24.0
25.0	46.5	54.5	9 000*	49.3	55.4	9 800*	53.2	56.6	11 100*	56.8	57.5	12 700*				25.0
26.0	43.8	53.5	8 400*	46.7	54.5	9 100*	50.7	55.8	10 300*	54.5	56.7	11 700*	60.4	57.8	14 600*	26.0
27.0	40.9	52.3	7 800*	44.0	53.5	8 500*	48.2	54.9	9 600*	52.1	56.0	10 900*	58.2	57.2	13 500*	27.0
28.0	37.9	51.1	7 200*	41.1	52.3	7 900*	45.6	53.9	8 900*	49.7	55.1	10 100*	55.9	56.5	12 400*	28.0
29.0	34.6	49.6	6 800*	38.1	51.1	7 300*	42.8	52.8	8 300*	47.1	54.2	9 400*	53.5	55.8	11 400*	29.0
30.0	31.0	48.0	6 300*	34.8	49.7	6 800*	39.9	51.6	7 700*	44.4	53.2	8 700*	51.1	55.0	10 600*	30.0
31.0	26.9	46.1	5 900*	31.2	48.0	6 400*	36.7	50.3	7 200*	41.6	52.1	8 100*	48.6	54.1	9 900*	31.0
32.0	22.1	43.8	5 500*	27.2	46.2	6 000*	33.3	48.8	6 700*	38.6	50.8	7 500*	46.0	53.2	9 200*	32.0
33.0	16.0	40.7	4 900*	22.5	43.9	5 600*	29.6	47.1	6 300*	35.3	49.4	7 000*	43.2	52.1	8 500*	33.0
34.0							25.3	45.1	5 900*	31.8	47.8	6 600*	40.3	50.9	7 900*	34.0
35.0							20.2	42.5	5 500*	27.9	46.0	6 100*	37.2	49.6	7 400*	35.0
36.0										23.3	43.8	5 700*	33.9	48.2	6 900*	36.0
37.0													30.2	46.5	6 500*	37.0
38.0													26.0	44.5	6 100*	38.0
39.0													21.1	42.1	5 700*	39.0

Capacities indicated by (b) require 1 180 kg minimum block weight.
Capacities based on structural competence are denoted by an asterisk (*).

Liftcrane Luffing Jib Intermediate Fall Capacities

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

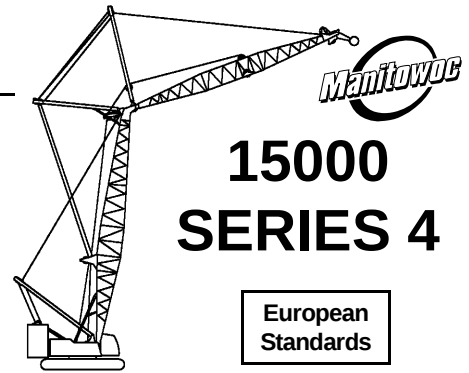
Maximum Operating Wind Speeds
(all boom lengths)
13 m/s with 21.3m thru 33.5m Luffing Jib
11 m/s with 36.6m thru 42.7m Luffing Jib
9 m/s with 45.7m thru 51.8m Luffing Jib
7 m/s with 54.9m thru 67.1m Luffing Jib
5 m/s with 70.1m and 73.2m Luffing Jib



30.5m (100 Ft.) Boom, 67.1m (220 Ft.) Luffing Jib

Int. Fall Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			Int. Fall Oper. Rad. m
	Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall		
		Ang. Deg.	Elev. m		Capacity Kilograms	Ang. Deg.		Elev. m	Capacity Kilograms		Ang. Deg.	Elev. m		Capacity Kilograms	Ang. Deg.	
13.7	73.5	64.8	23 900*													13.7
14.0	73.0	64.7	23 200*													14.0
15.0	71.2	64.4	21 000*													15.0
16.0	69.4	64.0	19 000*	71.3	64.3	21 200*										16.0
17.0	67.5	63.6	17 400*	69.5	63.9	19 200*										17.0
18.0	65.6	63.1	15 900*	67.6	63.5	17 500*										18.0
19.0	63.7	62.6	14 700*	65.8	63.1	16 000*	68.7	63.6	18 500*							19.0
20.0	61.8	62.1	13 500*	63.8	62.6	14 700*	66.9	63.1	16 900*							20.0
21.0	59.8	61.5	12 500*	61.9	62.0	13 600*	65.0	62.7	15 500*							21.0
22.0	57.8	60.8	11 600*	59.9	61.4	12 600*	63.0	62.2	14 300*	66.1	62.7	16 300*				22.0
23.0	55.7	60.2	10 800*	57.9	60.8	11 700*	61.1	61.6	13 200*	64.2	62.2	14 900*				23.0
24.0	53.6	59.4	9 900*	55.8	60.1	10 800*	59.1	61.0	12 200*	62.2	61.7	13 800*				24.0
25.0	51.4	58.6	9 100*	53.7	59.4	10 000*	57.0	60.3	11 300*	60.2	61.1	12 800*				25.0
26.0	49.1	57.8	8 400*	51.5	58.6	9 200*	54.9	59.7	10 500*	58.2	60.5	11 800*				26.0
27.0	46.7	56.8	7 800*	49.2	57.7	8 500*	52.8	58.9	9 800*	56.2	59.8	11 000*				27.0
28.0	44.3	55.8	7 200*	46.9	56.8	7 900*	50.6	58.1	9 000*	54.0	59.1	10 200*	59.4	60.2	12 400*	28.0
29.0	41.7	54.7	6 700*	44.4	55.8	7 300*	48.3	57.2	8 300*	51.9	58.3	9 500*	57.4	59.5	11 500*	29.0
30.0	39.0	53.5	6 200*	41.9	54.7	6 800*	45.9	56.2	7 700*	49.6	57.4	8 800*	55.3	58.9	10 700*	30.0
31.0	36.1	52.1	5 700*	39.2	53.5	6 300*	43.4	55.2	7 100*	47.3	56.5	8 100*	53.1	58.1	9 900*	31.0
32.0	33.0	50.6	5 300*	36.3	52.1	5 800*	40.8	54.0	6 600*	44.8	55.5	7 500*	50.9	57.3	9 300*	32.0
33.0	29.6	48.9	4 900*	33.2	50.6	5 400*	38.0	52.7	6 100*	42.3	54.4	7 000*	48.6	56.4	8 600*	33.0
34.0	25.8	46.9	4 500*	29.8	48.9	5 000*	35.1	51.3	5 700*	39.6	53.2	6 500*	46.3	55.5	8 000*	34.0
35.0	21.3	44.5	4 200*	26.0	46.9	4 600*	31.9	49.7	5 300*	36.8	51.9	6 000*	43.8	54.4	7 400*	35.0
36.0	15.5	41.2	3 300*	21.6	44.5	4 300*	28.3	47.9	4 900*	33.7	50.4	5 600*	41.2	53.3	6 800*	36.0
37.0							24.3	45.8	4 500*	30.4	48.7	5 200*	38.5	52.0	6 400*	37.0
38.0							19.4	43.2	4 200*	26.7	46.8	4 800*	35.5	50.7	5 900*	38.0
39.0										22.3	44.5	4 400*	32.4	49.1	5 500*	39.0
40.0													28.9	47.3	5 100*	40.0
42.0													20.3	42.7	4 400*	42.0

Capacities indicated by (b) require 1 180 kg minimum block weight.
Capacities based on structural competence are denoted by an asterisk (*).



Liftcrane Luffing Jib Intermediate Fall 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

**European
Standards**

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

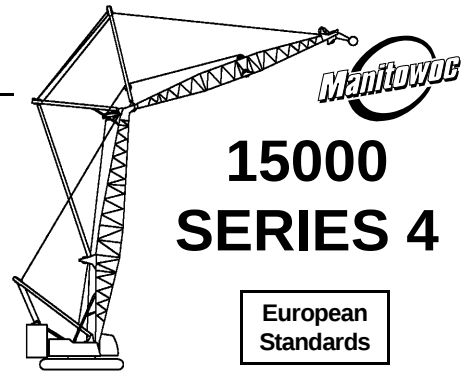
Int. Fall Oper. Rad. m	88 Degree Boom Angle				86 Degree Boom Angle				83 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				Int. Fall Oper. Rad. m
	Jib		Intermediate Fall		Jib		Intermediate Fall		Jib		Intermediate Fall		Jib		Intermediate Fall		Jib		Intermediate Fall		
	Ang. Deg.	Elev. m	Capacity Kilograms		Ang. Deg.	Elev. m	Capacity Kilograms		Ang. Deg.	Elev. m	Capacity Kilograms		Ang. Deg.	Elev. m	Capacity Kilograms		Ang. Deg.	Elev. m	Capacity Kilograms		
13.7	75.0	68.0	25 800*																	13.7	
14.0	74.5	67.9	25 200*																	14.0	
15.0	72.9	67.6	22 900*																	15.0	
16.0	71.2	67.2	20 900*																	16.0	
17.0	69.5	66.9	19 200*	71.3	67.2	21 000*														17.0	
18.0	67.8	66.4	17 600*	69.6	66.8	19 300*														18.0	
19.0	66.1	66.0	16 300*	67.9	66.4	17 700*														19.0	
20.0	64.3	65.5	15 100*	66.2	65.9	16 400*	68.9	66.4	18 600*											20.0	
21.0	62.6	65.0	14 000*	64.5	65.5	15 200*	67.2	66.0	17 200*											21.0	
22.0	60.8	64.4	13 100*	62.7	64.9	14 100*	65.5	65.6	15 900*											22.0	
23.0	58.9	63.8	12 200*	60.9	64.4	13 100*	63.7	65.1	14 700*	66.5	65.6	16 600*								23.0	
24.0	57.1	63.2	11 400*	59.0	63.8	12 200*	61.9	64.5	13 700*	64.7	65.1	15 400*								24.0	
25.0	55.1	62.5	10 700*	57.2	63.1	11 400*	60.1	64.0	12 800*	63.0	64.6	14 300*								25.0	
26.0	53.2	61.7	10 000*	55.3	62.5	10 700*	58.3	63.3	11 900*	61.2	64.0	13 300*								26.0	
27.0	51.2	60.9	9 300*	53.3	61.7	10 000*	56.4	62.7	11 100*	59.3	63.4	12 400*								27.0	
28.0	49.1	60.1	8 700*	51.3	60.9	9 400*	54.5	62.0	10 400*	57.5	62.8	11 600*								28.0	
29.0	46.9	59.1	8 100*	49.2	60.0	8 800*	52.5	61.2	9 800*	55.6	62.1	10 900*	60.5	63.2	13 000*					29.0	
30.0	44.7	58.1	7 500*	47.1	59.1	8 200*	50.4	60.4	9 200*	53.6	61.4	10 200*	58.6	62.5	12 100*					30.0	
31.0	42.4	57.0	7 000*	44.8	58.1	7 600*	48.3	59.5	8 600*	51.6	60.6	9 600*	56.7	61.9	11 300*					31.0	
32.0	39.9	55.8	6 500*	42.5	57.0	7 100*	46.2	58.5	8 100*	49.5	59.7	9 000*	54.8	61.2	10 600*					32.0	
33.0	37.4	54.5	6 100*	40.1	55.8	6 600*	43.9	57.5	7 500*	47.4	58.8	8 400*	52.8	60.4	9 900*					33.0	
34.0	34.6	53.1	5 700*	37.5	54.5	6 200*	41.5	56.4	7 000*	45.2	57.8	7 900*	50.8	59.6	9 300*					34.0	
35.0	31.7	51.5	5 300*	34.8	53.1	5 800*	39.1	55.1	6 600*	42.9	56.7	7 400*	48.7	58.7	8 800*					35.0	
36.0	28.4	49.7	5 000*	31.9	51.5	5 400*	36.4	53.8	6 100*	40.5	55.6	6 900*	46.5	57.8	8 300*					36.0	
37.0	24.8	47.6	4 600*	28.6	49.8	5 100*	33.6	52.3	5 700*	38.0	54.3	6 400*	44.3	56.7	7 800*					37.0	
38.0	20.5	45.1	4 300*	25.0	47.7	4 700*	30.6	50.7	5 300*	35.3	52.9	6 000*	41.9	55.6	7 300*					38.0	
39.0				20.8	45.2	4 300*	27.2	48.8	5 000*	32.3	51.4	5 600*	39.5	54.4	6 800*					39.0	
40.0							23.4	46.5	4 600*	29.2	49.6	5 300*	36.9	53.1	6 400*					40.0	
42.0										21.6	45.2	4 600*	31.1	50.0	5 600*					42.0	
44.0													24.0	46.0	4 900*					44.0	

Capacities indicated by (b) require 1 180 kg minimum block weight.
Capacities based on structural competence are denoted by an asterisk (*).

Liftcrane Luffing Jib Intermediate Fall 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



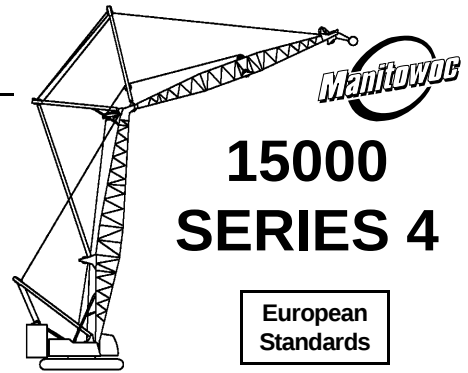
**15000
SERIES 4**

European
Standards

30.5m (100 Ft.) Boom, 73.2m (240 Ft.) Luffing Jib

Int. Fall Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			Int. Fall Oper. Rad. m
	Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall		
		Ang. Deg.	Elev. m		Capacity Kilograms	Ang. Deg.		Elev. m	Capacity Kilograms		Ang. Deg.	Elev. m		Capacity Kilograms	Ang. Deg.	
15.2	73.9	70.7	21 500*													15.2
16.0	72.7	70.5	20 200*													16.0
17.0	71.2	70.1	18 400*	72.8	70.4	20 300*										17.0
18.0	69.6	69.7	16 900*	71.3	70.1	18 500*										18.0
19.0	68.0	69.3	15 600*	69.7	69.7	17 000*										19.0
20.0	66.5	68.9	14 400*	68.1	69.3	15 700*	70.6	69.7	17 900*							20.0
21.0	64.9	68.4	13 300*	66.6	68.8	14 500*	69.1	69.3	16 500*							21.0
22.0	63.2	67.9	12 300*	65.0	68.4	13 400*	67.5	68.9	15 200*							22.0
23.0	61.6	67.4	11 400*	63.3	67.9	12 400*	65.9	68.5	14 000*							23.0
24.0	59.9	66.8	10 700*	61.7	67.3	11 500*	64.3	68.0	13 000*							24.0
25.0	58.2	66.2	9 900*	60.0	66.7	10 700*	62.7	67.5	12 000*	65.2	68.0	13 600*				25.0
26.0	56.5	65.5	9 200*	58.3	66.1	10 000*	61.0	66.9	11 200*	63.6	67.5	12 600*				26.0
27.0	54.7	64.8	8 600*	56.6	65.5	9 300*	59.3	66.3	10 400*	62.0	67.0	11 700*				27.0
28.0	52.9	64.0	8 100*	54.8	64.8	8 700*	57.6	65.7	9 700*	60.3	66.4	10 900*				28.0
29.0	51.0	63.2	7 500*	53.0	64.0	8 100*	55.8	65.0	9 100*	58.6	65.8	10 100*	63.0	66.7	12 200*	29.0
30.0	49.1	62.4	7 000*	51.1	63.2	7 600*	54.0	64.3	8 500*	56.8	65.1	9 500*	61.3	66.1	11 300*	30.0
31.0	47.1	61.4	6 600*	49.2	62.3	7 100*	52.2	63.5	7 900*	55.1	64.4	8 800*	59.6	65.5	10 500*	31.0
32.0	45.1	60.4	6 100*	47.2	61.4	6 600*	50.3	62.7	7 400*	53.3	63.7	8 300*	57.9	64.9	9 800*	32.0
33.0	42.9	59.4	5 700*	45.2	60.4	6 200*	48.4	61.8	6 900*	51.4	62.9	7 700*	56.1	64.2	9 200*	33.0
34.0	40.7	58.2	5 400*	43.1	59.4	5 800*	46.4	60.8	6 500*	49.5	62.0	7 200*	54.3	63.5	8 600*	34.0
35.0	38.4	57.0	5 000*	40.9	58.2	5 400*	44.3	59.8	6 000*	47.5	61.1	6 700*	52.5	62.7	8 000*	35.0
36.0	35.9	55.6	4 700*	38.5	57.0	5 000*	42.2	58.7	5 700*	45.5	60.1	6 300*	50.6	61.9	7 500*	36.0
37.0	33.3	54.1	4 400*	36.1	55.6	4 700*	39.9	57.5	5 300*	43.4	59.1	5 900*	48.7	61.0	7 000*	37.0
38.0	30.5	52.4	4 100*	33.5	54.1	4 400*	37.5	56.2	4 900*	41.2	57.9	5 500*	46.7	60.1	6 600*	38.0
39.0	27.4	50.5	3 800*	30.7	52.5	4 100*	35.0	54.8	4 600*	38.9	56.7	5 100*	44.6	59.1	6 100*	39.0
40.0	23.9	48.4	3 400*	27.6	50.6	3 800*	32.4	53.3	4 300*	36.5	55.4	4 800*	42.5	58.0	5 700*	40.0
42.0				20.2	45.9	2 900*	26.2	49.6	3 700*	31.1	52.3	4 200*	37.9	55.5	5 000*	42.0
44.0							18.3	44.4	3 000*	24.8	48.3	3 600*	32.8	52.6	4 400*	44.0
46.0													26.8	49.0	3 800*	46.0
48.0													19.0	44.0	3 300*	48.0

Capacities indicated by (b) require 1 180 kg minimum block weight.
Capacities based on structural competence are denoted by an asterisk (*).



Liftcrane Luffing Jib Intermediate Fall 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

Int. Fall Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Int. Fall Oper. Rad. m																
	Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall																		
		Ang. Deg.	Elev. m		Capacity Kilograms	Ang. Deg.		Elev. m	Capacity Kilograms		Ang. Deg.	Elev. m		Capacity Kilograms	Ang. Deg.		Elev. m	Capacity Kilograms		Ang. Deg.	Elev. m	Capacity Kilograms													
10.7	58.1	45.8	17 300* b																10.7																
11.0	56.1	45.6	16 500* b																11.0																
12.0	50.0	44.8	14 000*																12.0																
13.0	43.1	43.7	12 000*																13.0																
14.0	35.0	42.3	10 500*	44.3	43.8	12 300*	55.6	45.2	16 100*										14.0																
15.0	24.4	40.3	9 200*	36.4	42.5	10 700*	49.4	44.4	13 700*																		15.0								
16.0							42.4	43.3	11 900*																		54.0	44.7	15 700* b						16.0
17.0							34.2	41.9	10 400*																		47.6	43.8	13 200*						
18.0							23.2	39.8	9 100*	40.3	42.7	11 500*						18.0																	
19.0										31.6	41.1	10 100*						53.0	43.9	15 400*				19.0											
20.0																		46.5	43.0	13 000*							20.0								
21.0																		39.0	41.8	11 300*										21.0					
22.0													29.9	40.1	9 900*	51.5	42.8	14 900*	22.0																
23.0																44.9	41.8	12 700*	23.0																
24.0																	37.1	40.5	11 000*	24.0															

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

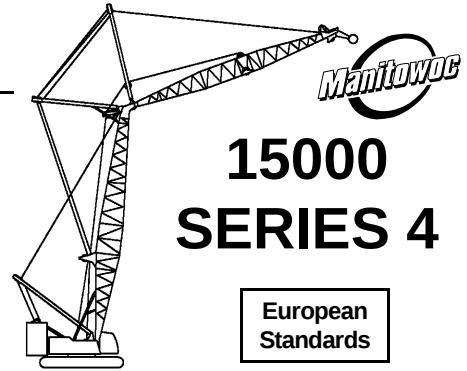
Int. Fall Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Int. Fall Oper. Rad. m
	Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		
		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms	
10.7	58.1	45.8	14 500*	64.6	46.5	18 400* b												10.7	
11.0	56.1	45.6	13 800*	62.8	46.3	17 300* b												11.0	
12.0	50.0	44.8	11 700*	57.1	45.6	14 200*												12.0	
13.0	43.1	43.7	9 900*	51.0	44.8	11 800*	61.4	45.9	16 600*									13.0	
14.0	35.0	42.3	8 700*	44.3	43.8	10 200*	55.6	45.2	13 500*									14.0	
15.0	24.4	40.3	7 500*	36.4	42.5	8 900*	49.4	44.4	11 400*									15.0	
16.0							42.4	43.3	9 900*	54.0	44.7	13 100*						16.0	
17.0							34.2	41.9	8 600*	47.6	43.8	11 000*						17.0	
18.0							23.2	39.8	7 500*	40.3	42.7	9 500*						18.0	
19.0										31.6	41.1	8 300*	53.0	43.9	12 800*			19.0	
20.0													46.5	43.0	10 800*			20.0	
21.0													39.0	41.8	9 300*			21.0	
22.0													29.9	40.1	8 100*	51.5	42.8	22.0	
23.0																44.9	41.8	23.0	
24.0																37.1	40.5	24.0	

Capacities indicated by (b) require 1 180 kg minimum block weight.
Capacities based on structural competence are denoted by an asterisk (*).

Liftcrane Luffing Jib Intermediate Fall Capacities

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

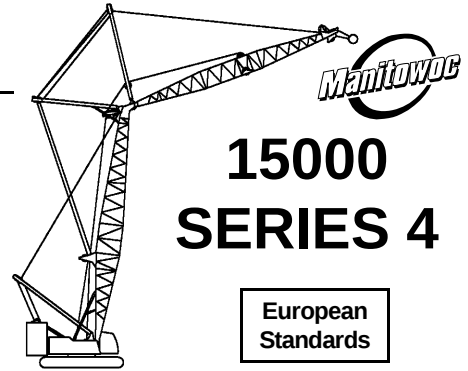
Maximum Operating Wind Speeds (all boom lengths)	
13 m/s with 21.3m thru 33.5m Luffing Jib	
11 m/s with 36.6m thru 42.7m Luffing Jib	
9 m/s with 45.7m thru 51.8m Luffing Jib	
7 m/s with 54.9m thru 67.1m Luffing Jib	
5 m/s with 70.1m and 73.2m Luffing Jib	



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

Int. Fall Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Int. Fall Oper. Rad. m
	Jib		Intermediate Fall	Jib		Intermediate Fall	Jib		Intermediate Fall	Jib		Intermediate Fall	Jib		Intermediate Fall	Jib		Intermediate Fall	
	Ang. Deg.	Elev. m		Capacity Kilograms	Ang. Deg.		Elev. m	Capacity Kilograms		Ang. Deg.	Elev. m		Capacity Kilograms	Ang. Deg.		Elev. m	Capacity Kilograms		
9.1	66.5	46.7	17 600*b															9.1	
10.0	61.9	46.3	14 900*															10.0	
11.0	56.1	45.6	12 000*	62.8	46.3	15 400*												11.0	
12.0	50.0	44.8	10 200*	57.1	45.6	12 600*												12.0	
13.0	43.1	43.7	8 700*	51.0	44.8	10 400*	61.4	45.9	14 700*									13.0	
14.0	35.0	42.3	7 500*	44.3	43.8	8 900*	55.6	45.2	11 900*	65.3	46.1	17 200*						14.0	
15.0	24.4	40.3	6 500*	36.4	42.5	7 700*	49.4	44.4	10 000*	59.8	45.5	13 900*						15.0	
16.0							42.4	43.3	8 600*	54.0	44.7	11 300*						16.0	
17.0							34.2	41.9	7 400*	47.6	43.8	9 600*						17.0	
18.0							23.2	39.8	6 500*	40.3	42.7	8 300*						18.0	
19.0										31.6	41.1	7 200*	53.0	43.9	11 300*			19.0	
20.0													46.5	43.0	9 500*			20.0	
21.0													39.0	41.8	8 100*			21.0	
22.0													29.9	40.1	7 000*	51.5	42.8	22.0	
23.0																44.9	41.8	23.0	
24.0																37.1	40.5	24.0	

Capacities indicated by (b) require 1 180 kg minimum block weight.
Capacities based on structural competence are denoted by an asterisk (*).



Liftcrane Luffing Jib Intermediate Fall 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

**European
Standards**

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

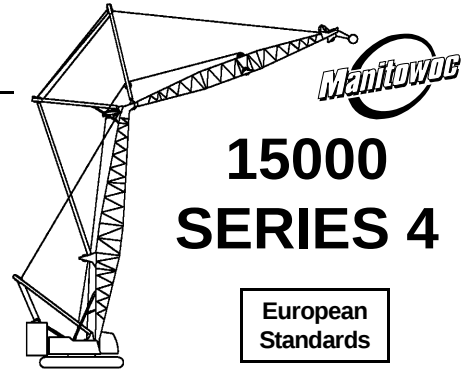
Int. Fall Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Int. Fall Oper. Rad. m
	Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall		
	Ang. Deg.	Elev. m	Capacity Kilograms	Ang. Deg.	Elev. m	Capacity Kilograms	Ang. Deg.	Elev. m	Capacity Kilograms	Ang. Deg.	Elev. m	Capacity Kilograms	Ang. Deg.	Elev. m	Capacity Kilograms	Ang. Deg.	Elev. m	Capacity Kilograms	
9.1	71.5	50.1	25 300* ^b																9.1
10.0	68.0	49.7	21 400*																10.0
11.0	63.8	49.2	17 200*	68.7	49.7	22 000*													11.0
12.0	59.4	48.6	14 600*	64.5	49.2	18 000*													12.0
13.0	54.7	47.9	12 500*	60.1	48.6	15 000*	67.6	49.4	21 100*										13.0
14.0	49.8	47.1	10 900*	55.5	48.0	12 900*	63.4	48.9	17 100*										14.0
15.0	44.4	46.0	9 600*	50.6	47.1	11 200*	58.9	48.3	14 400*										15.0
16.0	38.3	44.8	8 500*	45.3	46.1	9 800*	54.3	47.5	12 400*	62.2	48.4	16 600*							16.0
17.0	31.2	43.2	7 500*	39.4	45.0	8 700*	49.3	46.7	10 800*	57.7	47.8	13 900*							17.0
18.0	22.0	41.0	6 700*	32.5	43.4	7 700*	43.8	45.7	9 500*	53.0	47.0	12 000*							18.0
19.0							37.7	44.4	8 400*	47.9	46.1	10 500*							19.0
20.0							30.5	42.8	7 500*	42.3	45.0	9 300*	57.0	47.0	13 700*				20.0
21.0							20.9	40.4	6 700*	35.9	43.7	8 200*	52.2	46.2	11 900*				21.0
22.0										28.3	41.9	7 300*	47.0	45.3	10 300*				22.0
23.0													41.3	44.2	9 100*	55.9	45.9	13 300*	23.0
24.0													34.8	42.8	8 100*	51.0	45.1	11 600*	24.0
25.0													26.8	40.9	7 200*	45.7	44.1	10 100*	25.0
26.0																39.9	42.9	8 900*	26.0
27.0																33.1	41.5	7 900*	27.0

Capacities indicated by (b) require 1 180 kg minimum block weight.
Capacities based on structural competence are denoted by an asterisk (*).

Liftcrane Luffing Jib Intermediate Fall Capacities

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

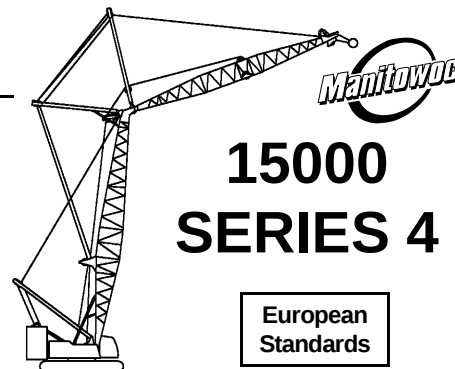
Maximum Operating Wind Speeds (all boom lengths)		
13 m/s with 21.3m thru 33.5m Luffing Jib		
11 m/s with 36.6m thru 42.7m Luffing Jib		
9 m/s with 45.7m thru 51.8m Luffing Jib		
7 m/s with 54.9m thru 67.1m Luffing Jib		
5 m/s with 70.1m and 73.2m Luffing Jib		



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

Int. Fall Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Int. Fall Oper. Rad. m
	Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall		
	Ang. Deg.	Elev. m	Capacity Kilograms	Ang. Deg.	Elev. m	Capacity Kilograms	Ang. Deg.	Elev. m	Capacity Kilograms	Ang. Deg.	Elev. m	Capacity Kilograms	Ang. Deg.	Elev. m	Capacity Kilograms	Ang. Deg.	Elev. m	Capacity Kilograms	
9.1	66.5	46.7	16 500*	72.5	47.2	22 600* ^b													9.1
10.0	61.9	46.3	14 000*	68.1	46.8	18 500*													10.0
11.0	56.1	45.6	11 300*	62.8	46.3	14 100*													11.0
12.0	50.0	44.8	9 600*	57.1	45.6	11 600*													12.0
13.0	43.1	43.7	8 200*	51.0	44.8	9 800*	61.4	45.9	13 800*										13.0
14.0	35.0	42.3	7 200*	44.3	43.8	8 500*	55.6	45.2	11 200*	65.3	46.1	16 100*							14.0
15.0	24.4	40.3	6 300*	36.4	42.5	7 300*	49.4	44.4	9 500*	59.8	45.5	13 100*							15.0
16.0							42.4	43.3	8 200*	54.0	44.7	10 700*							16.0
17.0							34.2	41.9	7 100*	47.6	43.8	9 200*							17.0
18.0							23.2	39.8	6 200*	40.3	42.7	7 900*							18.0
19.0										31.6	41.1	6 900*	53.0	43.9	10 700*				19.0
20.0													46.5	43.0	9 000*				20.0
21.0													39.0	41.8	7 800*				21.0
22.0													29.9	40.1	6 800*	51.5	42.8	10 300*	22.0
23.0																44.9	41.8	8 700*	23.0
24.0																37.1	40.5	7 500*	24.0

Capacities indicated by (b) require 1 180 kg minimum block weight.
Capacities based on structural competence are denoted by an asterisk (*).



Liftcrane Luffing Jib Intermediate Fall 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

**European
Standards**

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

Int. Fall Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Int. Fall Oper. Rad. m
	Jib		Intermediate Fall	Jib		Intermediate Fall	Jib		Intermediate Fall	Jib		Intermediate Fall	Jib		Intermediate Fall	Jib		Intermediate Fall	
	Ang. Deg.	Elev. m		Capacity Kilograms	Ang. Deg.		Elev. m	Capacity Kilograms		Ang. Deg.	Elev. m		Capacity Kilograms	Ang. Deg.		Elev. m	Capacity Kilograms		
9.1	71.5	50.1	22 900*															9.1	
10.0	68.0	49.7	19 300*															10.0	
11.0	63.8	49.2	15 600*	68.7	49.7	19 900*												11.0	
12.0	59.4	48.6	13 100*	64.5	49.2	16 300*												12.0	
13.0	54.7	47.9	11 300*	60.1	48.6	13 500*	67.6	49.4	19 100*									13.0	
14.0	49.8	47.1	9 800*	55.5	48.0	11 600*	63.4	48.9	15 400*									14.0	
15.0	44.4	46.0	8 600*	50.6	47.1	10 100*	58.9	48.3	13 000*									15.0	
16.0	38.3	44.8	7 600*	45.3	46.1	8 800*	54.3	47.5	11 200*	62.2	48.4	15 000*						16.0	
17.0	31.2	43.2	6 800*	39.4	45.0	7 800*	49.3	46.7	9 800*	57.7	47.8	12 500*						17.0	
18.0	22.0	41.0	6 000*	32.5	43.4	6 900*	43.8	45.7	8 600*	53.0	47.0	10 800*						18.0	
19.0							37.7	44.4	7 600*	47.9	46.1	9 500*						19.0	
20.0							30.5	42.8	6 700*	42.3	45.0	8 300*	57.0	47.0	12 300*			20.0	
21.0							20.9	40.4	6 000*	35.9	43.7	7 400*	52.2	46.2	10 700*			21.0	
22.0										28.3	41.9	6 500*	47.0	45.3	9 300*			22.0	
23.0													41.3	44.2	8 200*	55.9	45.9	12 000*	
24.0													34.8	42.8	7 300*	51.0	45.1	10 400*	
25.0													26.8	40.9	6 400*	45.7	44.1	9 100*	
26.0																39.9	42.9	8 000*	
27.0																33.1	41.5	7 100*	

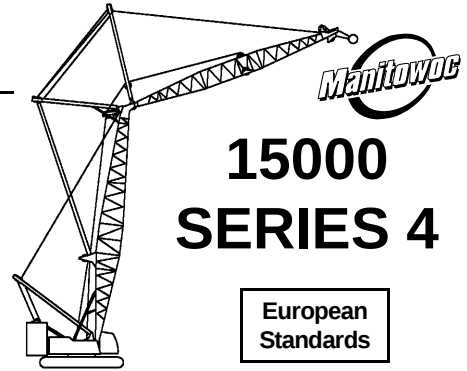
Capacities indicated by (b) require 1 180 kg minimum block weight.
Capacities based on structural competence are denoted by an asterisk (*).

Liftcrane Luffing Jib Intermediate Fall 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)**

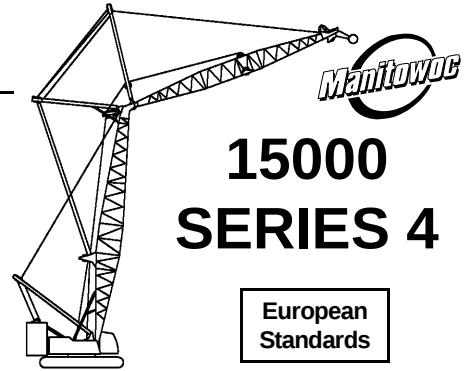
13 m/s with 21.3m thru 33.5m Luffing Jib
11 m/s with 36.6m thru 42.7m Luffing Jib
9 m/s with 45.7m thru 51.8m Luffing Jib
7 m/s with 54.9m thru 67.1m Luffing Jib
5 m/s with 70.1m and 73.2m Luffing Jib



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

Int. Fall Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Int. Fall Oper. Rad. m
	Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		
		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms	
9.1	74.7	53.3	26 700*															9.1	
10.0	71.9	53.0	23 500*															10.0	
11.0	68.5	52.6	19 800*	72.4	53.0	25 100*												11.0	
12.0	65.0	52.1	16 700*	69.1	52.6	20 500*												12.0	
13.0	61.4	51.6	14 300*	65.6	52.1	17 100*												13.0	
14.0	57.7	50.9	12 500*	62.0	51.6	14 700*	68.2	52.3	19 700*									14.0	
15.0	53.8	50.2	11 000*	58.3	51.0	12 800*	64.7	51.8	16 600*									15.0	
16.0	49.6	49.4	9 800*	54.4	50.2	11 200*	61.1	51.2	14 200*									16.0	
17.0	45.2	48.4	8 700*	50.3	49.4	10 000*	57.3	50.6	12 400*	63.7	51.4	16 000*						17.0	
18.0	40.4	47.2	7 800*	46.0	48.5	8 900*	53.4	49.8	10 900*	60.1	50.8	13 900*						18.0	
19.0	34.9	45.8	7 000*	41.2	47.3	8 000*	49.2	49.0	9 700*	56.3	50.1	12 000*						19.0	
20.0	28.6	44.1	6 400*	35.9	46.0	7 200*	44.8	48.0	8 700*	52.3	49.3	10 600*						20.0	
21.0	20.3	41.6	5 700*	29.7	44.3	6 500*	39.9	46.8	7 800*	48.1	48.4	9 500*						21.0	
22.0							34.4	45.4	7 000*	43.5	47.4	8 500*	55.7	49.3	11 900*			22.0	
23.0							27.9	43.6	6 300*	38.5	46.2	7 600*	51.6	48.5	10 500*			23.0	
24.0							19.4	41.1	5 700*	32.8	44.7	6 800*	47.4	47.6	9 300*			24.0	
25.0										25.9	42.7	6 200*	42.7	46.5	8 300*	54.7	48.2	11 600*	25.0
26.0													37.6	45.2	7 500*	50.7	47.4	10 200*	26.0
27.0													31.8	43.7	6 800*	46.3	46.4	9 100*	27.0
28.0													24.6	41.7	6 100*	41.6	45.3	8 200*	28.0
29.0																36.4	44.0	7 400*	29.0
30.0																30.3	42.3	6 600*	30.0

Capacities indicated by (b) require 1 180 kg minimum block weight.
Capacities based on structural competence are denoted by an asterisk (*).



Liftcrane Luffing Jib Intermediate Fall 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

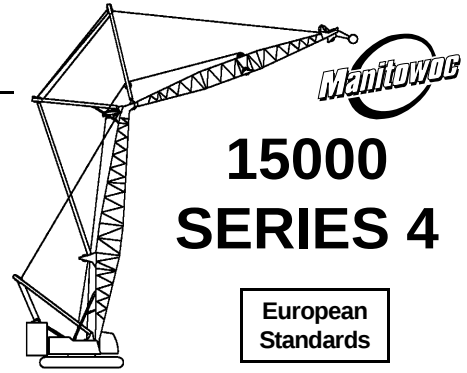
Int. Fall Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Int. Fall Oper. Rad. m
	Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall		
	Ang. Deg.	Elev. m	Capacity Kilograms	Ang. Deg.	Elev. m	Capacity Kilograms	Ang. Deg.	Elev. m	Capacity Kilograms	Ang. Deg.	Elev. m	Capacity Kilograms	Ang. Deg.	Elev. m	Capacity Kilograms	Ang. Deg.	Elev. m	Capacity Kilograms	
10.7	72.7	56.0	26 700*																10.7
11.0	71.7	55.9	25 500*																11.0
12.0	68.8	55.5	21 800*																12.0
13.0	65.9	55.0	18 700*	69.3	55.5	22 600*													13.0
14.0	62.8	54.5	16 300*	66.4	55.0	19 200*													14.0
15.0	59.7	53.9	14 400*	63.3	54.5	16 700*													15.0
16.0	56.5	53.3	12 800*	60.2	54.0	14 700*	65.6	54.7	18 700*										16.0
17.0	53.1	52.5	11 400*	57.0	53.3	13 100*	62.6	54.2	16 200*										17.0
18.0	49.5	51.7	10 300*	53.7	52.6	11 700*	59.4	53.6	14 300*										18.0
19.0	45.8	50.7	9 300*	50.1	51.7	10 500*	56.2	52.9	12 700*	61.7	53.7	15 800*							19.0
20.0	41.7	49.6	8 500*	46.4	50.8	9 500*	52.8	52.2	11 400*	58.5	53.1	13 900*							20.0
21.0	37.3	48.3	7 700*	42.4	49.7	8 600*	49.2	51.3	10 300*	55.3	52.4	12 400*							21.0
22.0	32.4	46.7	7 000*	38.1	48.4	7 800*	45.4	50.3	9 300*	51.8	51.6	11 100*							22.0
23.0	26.6	44.8	6 400*	33.3	46.9	7 100*	41.4	49.2	8 500*	48.2	50.7	10 000*	58.0	52.3	13 700*				23.0
24.0	19.1	42.3	5 900*	27.6	45.1	6 500*	36.9	47.9	7 700*	44.3	49.7	9 100*	54.7	51.6	12 300*				24.0
25.0							31.9	46.3	7 000*	40.2	48.5	8 200*	51.3	50.8	11 000*				25.0
26.0							26.0	44.4	6 400*	35.6	47.2	7 500*	47.6	49.9	9 900*	57.3	51.2	13 400*	26.0
27.0							18.2	41.7	5 800*	30.4	45.5	6 900*	43.7	48.8	9 000*	53.9	50.5	12 000*	27.0
28.0										24.1	43.4	6 300*	39.5	47.7	8 200*	50.4	49.7	10 800*	28.0
29.0													34.8	46.2	7 400*	46.7	48.7	9 700*	29.0
30.0													29.5	44.5	6 800*	42.8	47.7	8 800*	30.0
31.0													23.0	42.3	6 200*	38.5	46.4	8 000*	31.0
32.0													13.5	39.0	5 700*	33.7	45.0	7 300*	32.0
33.0																28.1	43.2	6 700*	33.0

Capacities indicated by (b) require 1 180 kg minimum block weight.
Capacities based on structural competence are denoted by an asterisk (*).

Liftcrane Luffing Jib Intermediate Fall Capacities

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

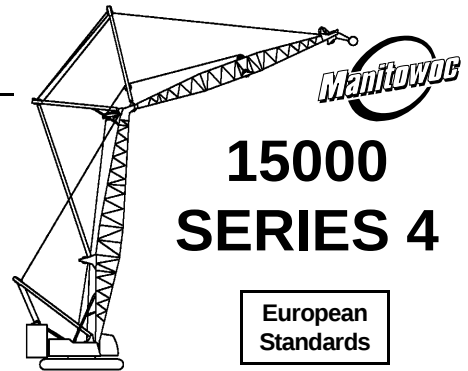
Maximum Operating Wind Speeds (all boom lengths)	
13 m/s with 21.3m thru 33.5m Luffing Jib	
11 m/s with 36.6m thru 42.7m Luffing Jib	
9 m/s with 45.7m thru 51.8m Luffing Jib	
7 m/s with 54.9m thru 67.1m Luffing Jib	
5 m/s with 70.1m and 73.2m Luffing Jib	



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

Int. Fall Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Int. Fall Oper. Rad. m
	Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall		
		Ang. Deg.	Elev. m		Capacity Kilograms	Ang. Deg.		Elev. m	Capacity Kilograms		Ang. Deg.	Elev. m		Capacity Kilograms	Ang. Deg.		Elev. m	Capacity Kilograms	
10.7	74.9	59.2	26 700*															10.7	
11.0	74.1	59.1	26 400*															11.0	
12.0	71.6	58.8	25 500*															12.0	
13.0	69.1	58.4	23 200*															13.0	
14.0	66.5	57.9	19 700*	69.5	58.4	23 200*												14.0	
15.0	63.9	57.4	17 400*	66.9	57.9	20 300*												15.0	
16.0	61.2	56.9	15 600*	64.3	57.4	17 800*	68.9	58.0	22 500*									16.0	
17.0	58.4	56.3	14 000*	61.6	56.9	15 900*	66.3	57.6	19 600*									17.0	
18.0	55.5	55.6	12 600*	58.9	56.3	14 300*	63.6	57.1	17 400*									18.0	
19.0	52.6	54.8	11 500*	56.0	55.6	12 900*	60.9	56.5	15 500*	65.6	57.2	19 100*						19.0	
20.0	49.5	54.0	10 500*	53.1	54.9	11 700*	58.2	55.9	14 000*	62.9	56.7	16 900*						20.0	
21.0	46.2	53.0	9 600*	50.0	54.0	10 700*	55.3	55.2	12 600*	60.2	56.1	15 100*						21.0	
22.0	42.7	51.9	8 800*	46.8	53.1	9 700*	52.3	54.5	11 500*	57.4	55.4	13 600*						22.0	
23.0	39.0	50.7	8 100*	43.3	52.0	9 000*	49.2	53.6	10 500*	54.5	54.7	12 300*	62.5	55.9	16 700*			23.0	
24.0	34.9	49.3	7 400*	39.6	50.8	8 200*	45.9	52.6	9 600*	51.5	53.9	11 300*	59.7	55.3	15 000*			24.0	
25.0	30.4	47.6	6 900*	35.6	49.5	7 600*	42.4	51.5	8 800*	48.3	53.0	10 300*	56.9	54.6	13 500*			25.0	
26.0	25.0	45.6	6 300*	31.2	47.9	7 000*	38.7	50.3	8 100*	45.0	52.0	9 400*	54.0	53.9	12 300*			26.0	
27.0	18.1	42.9	5 900*	26.0	45.9	6 400*	34.5	48.9	7 500*	41.4	50.9	8 600*	51.0	53.1	11 100*			27.0	
28.0							29.9	47.2	6 900*	37.6	49.6	8 000*	47.8	52.2	10 200*	56.3	53.5	13 300*	
29.0							24.5	45.1	6 400*	33.4	48.2	7 300*	44.4	51.2	9 300*	53.3	52.8	12 100*	
30.0							17.3	42.3	5 900*	28.5	46.4	6 800*	40.8	50.0	8 600*	50.2	52.0	11 000*	
31.0										22.8	44.1	6 300*	36.9	48.7	7 900*	47.0	51.0	10 000*	
32.0										14.8	40.9	5 800*	32.6	47.2	7 300*	43.6	50.0	9 200*	
33.0													27.7	45.4	6 700*	40.0	48.8	8 500*	
34.0													21.7	43.0	6 200*	36.0	47.5	7 800*	
35.0													13.0	39.5	5 700*	31.6	45.9	7 200*	
36.0																26.4	44.0	6 600*	

Capacities indicated by (b) require 1 180 kg minimum block weight.
Capacities based on structural competence are denoted by an asterisk (*).



Liftcrane Luffing Jib Intermediate Fall 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

**European
Standards**

33.5m (110 Ft.) Boom, 48.8m (160 Ft.) Luffing Jib

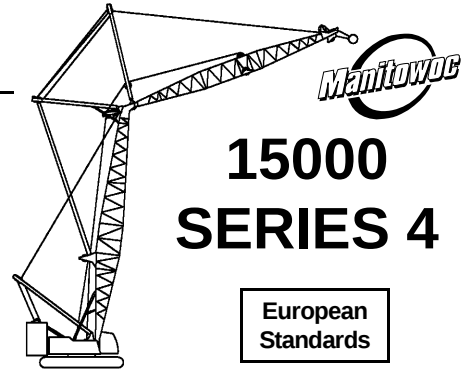
Int. Fall Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Int. Fall Oper. Rad. m
	Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall		
		Ang. Deg.	Elev. m		Capacity Kilograms	Ang. Deg.		Elev. m	Capacity Kilograms		Ang. Deg.	Elev. m		Capacity Kilograms	Ang. Deg.		Elev. m	Capacity Kilograms	
12.2	73.3	61.9	26 700*															12.2	
13.0	71.5	61.6	26 400*															13.0	
14.0	69.3	61.3	25 600*	71.9	61.6	26 400*												14.0	
15.0	67.0	60.8	22 700*	69.7	61.2	25 300*												15.0	
16.0	64.7	60.3	20 000*	67.4	60.8	23 300*												16.0	
17.0	62.3	59.8	18 100*	65.1	60.3	20 500*	69.1	60.9	25 100*									17.0	
18.0	59.9	59.2	16 300*	62.7	59.8	18 400*	66.8	60.5	22 300*									18.0	
19.0	57.4	58.6	14 900*	60.3	59.2	16 600*	64.5	60.0	19 900*									19.0	
20.0	54.8	57.9	13 600*	57.8	58.6	15 100*	62.1	59.5	18 000*	66.2	60.1	21 600*						20.0	
21.0	52.2	57.1	12 500*	55.3	57.9	13 900*	59.7	58.9	16 300*	63.8	59.6	19 500*						21.0	
22.0	49.4	56.3	11 500*	52.6	57.2	12 700*	57.2	58.2	14 900*	61.4	59.0	17 600*						22.0	
23.0	46.5	55.3	10 600*	49.9	56.3	11 700*	54.6	57.5	13 600*	59.0	58.4	16 000*						23.0	
24.0	43.5	54.3	9 800*	47.0	55.4	10 800*	51.9	56.7	12 500*	56.5	57.8	14 600*						24.0	
25.0	40.3	53.1	9 000*	44.0	54.4	9 900*	49.2	55.9	11 500*	53.9	57.0	13 400*	61.1	58.2	17 400*			25.0	
26.0	36.8	51.8	8 400*	40.8	53.2	9 200*	46.3	54.9	10 600*	51.2	56.2	12 300*	58.6	57.6	15 800*			26.0	
27.0	33.0	50.3	7 800*	37.4	51.9	8 500*	43.2	53.9	9 800*	48.4	55.3	11 300*	56.1	57.0	14 500*			27.0	
28.0	28.7	48.5	7 300*	33.6	50.4	7 900*	39.9	52.7	9 100*	45.4	54.4	10 400*	53.5	56.2	13 300*			28.0	
29.0	23.7	46.3	6 700*	29.5	48.7	7 400*	36.5	51.3	8 400*	42.3	53.3	9 700*	50.7	55.4	12 200*			29.0	
30.0	17.3	43.5	6 300*	24.6	46.7	6 900*	32.6	49.8	7 800*	39.0	52.0	9 000*	47.9	54.5	11 200*			30.0	
31.0							28.3	48.0	7 300*	35.5	50.7	8 300*	45.0	53.5	10 400*	52.8	55.1	13 100*	31.0
32.0							23.2	45.8	6 800*	31.5	49.1	7 800*	41.8	52.4	9 700*	50.1	54.3	12 100*	32.0
33.0							16.6	42.8	6 300*	27.0	47.2	7 200*	38.5	51.2	9 000*	47.3	53.3	11 100*	33.0
34.0										21.6	44.8	6 700*	34.8	49.7	8 300*	44.3	52.3	10 300*	34.0
35.0										14.3	41.5	6 200*	30.8	48.1	7 700*	41.1	51.2	9 600*	35.0
36.0													26.2	46.2	7 200*	37.7	49.9	8 900*	36.0
37.0													20.7	43.7	6 700*	34.0	48.5	8 200*	37.0
38.0													12.7	40.0	6 200*	29.8	46.7	7 700*	38.0
39.0																25.1	44.7	7 100*	39.0

Capacities indicated by (b) require 1 180 kg minimum block weight.
Capacities based on structural competence are denoted by an asterisk (*).

Liftcrane Luffing Jib Intermediate Fall 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, 51.8m (170 Ft.) Luffing Jib

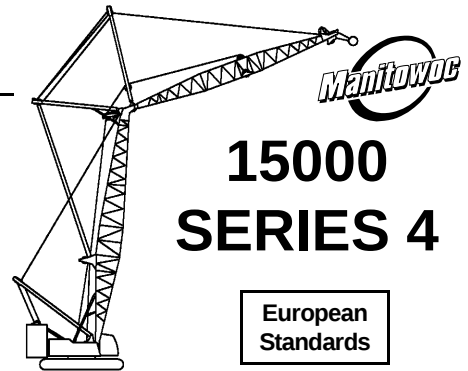
Int. Fall Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Int. Fall Oper. Rad. m
	Jib		Intermediate Fall	Jib		Intermediate Fall	Jib		Intermediate Fall	Jib		Intermediate Fall	Jib		Intermediate Fall	Jib		Intermediate Fall	
	Ang. Deg.	Elev. m		Ang. Deg.	Elev. m		Ang. Deg.	Elev. m		Ang. Deg.	Elev. m		Ang. Deg.	Elev. m		Ang. Deg.	Elev. m		
10.7	74.9	59.2	26 700*															10.7	
11.0	74.1	59.1	26 000*															11.0	
12.0	71.6	58.8	23 800*															12.0	
13.0	69.1	58.4	21 200*															13.0	
14.0	66.5	57.9	18 300*	69.5	58.4	21 500*												14.0	
15.0	63.9	57.4	16 200*	66.9	57.9	18 800*												15.0	
16.0	61.2	56.9	14 400*	64.3	57.4	16 500*	68.9	58.0	20 800*									16.0	
17.0	58.4	56.3	13 000*	61.6	56.9	14 700*	66.3	57.6	18 100*									17.0	
18.0	55.5	55.6	11 700*	58.9	56.3	13 200*	63.6	57.1	16 100*									18.0	
19.0	52.6	54.8	10 600*	56.0	55.6	11 900*	60.9	56.5	14 400*	65.6	57.2	17 700*						19.0	
20.0	49.5	54.0	9 700*	53.1	54.9	10 800*	58.2	55.9	12 900*	62.9	56.7	15 600*						20.0	
21.0	46.2	53.0	8 800*	50.0	54.0	9 900*	55.3	55.2	11 700*	60.2	56.1	14 000*						21.0	
22.0	42.7	51.9	8 100*	46.8	53.1	9 000*	52.3	54.5	10 600*	57.4	55.4	12 600*						22.0	
23.0	39.0	50.7	7 400*	43.3	52.0	8 200*	49.2	53.6	9 700*	54.5	54.7	11 500*	62.5	55.9	15 400*			23.0	
24.0	34.9	49.3	6 900*	39.6	50.8	7 600*	45.9	52.6	8 800*	51.5	53.9	10 400*	59.7	55.3	13 900*			24.0	
25.0	30.4	47.6	6 300*	35.6	49.5	7 000*	42.4	51.5	8 100*	48.3	53.0	9 500*	56.9	54.6	12 500*			25.0	
26.0	25.0	45.6	5 800*	31.2	47.9	6 400*	38.7	50.3	7 500*	45.0	52.0	8 700*	54.0	53.9	11 300*			26.0	
27.0	18.1	42.9	5 400*	26.0	45.9	5 900*	34.5	48.9	6 900*	41.4	50.9	8 000*	51.0	53.1	10 300*			27.0	
28.0							29.9	47.2	6 300*	37.6	49.6	7 400*	47.8	52.2	9 400*	56.3	53.5	12 300*	28.0
29.0							24.5	45.1	5 900*	33.4	48.2	6 800*	44.4	51.2	8 600*	53.3	52.8	11 200*	29.0
30.0							17.3	42.3	5 400*	28.5	46.4	6 300*	40.8	50.0	7 900*	50.2	52.0	10 200*	30.0
31.0										22.8	44.1	5 800*	36.9	48.7	7 300*	47.0	51.0	9 300*	31.0
32.0										14.8	40.9	5 300*	32.6	47.2	6 800*	43.6	50.0	8 500*	32.0
33.0													27.7	45.4	6 200*	40.0	48.8	7 800*	33.0
34.0													21.7	43.0	5 800*	36.0	47.5	7 200*	34.0
35.0													13.0	39.5	5 300*	31.6	45.9	6 600*	35.0
36.0																26.4	44.0	6 100*	36.0

Capacities indicated by (b) require 1 180 kg minimum block weight.
Capacities based on structural competence are denoted by an asterisk (*).

Liftcrane Luffing Jib Intermediate Fall 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, 54.9m (180 Ft.) Luffing Jib

Int. Fall Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Int. Fall Oper. Rad. m
	Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall		
		Ang. Deg.	Elev. m		Capacity Kilograms	Ang. Deg.		Elev. m	Capacity Kilograms		Ang. Deg.	Elev. m		Capacity Kilograms	Ang. Deg.		Elev. m	Capacity Kilograms	
12.2	73.3	61.9	26 700*															12.2	
13.0	71.5	61.6	25 300*															13.0	
14.0	69.3	61.3	23 400*	71.9	61.6	26 000*												14.0	
15.0	67.0	60.8	20 700*	69.7	61.2	23 600*												15.0	
16.0	64.7	60.3	18 400*	67.4	60.8	21 100*												16.0	
17.0	62.3	59.8	16 500*	65.1	60.3	18 800*	69.1	60.9	23 000*									17.0	
18.0	59.9	59.2	15 000*	62.7	59.8	16 900*	66.8	60.5	20 500*									18.0	
19.0	57.4	58.6	13 700*	60.3	59.2	15 300*	64.5	60.0	18 300*									19.0	
20.0	54.8	57.9	12 500*	57.8	58.6	13 900*	62.1	59.5	16 500*	66.2	60.1	19 900*						20.0	
21.0	52.2	57.1	11 400*	55.3	57.9	12 700*	59.7	58.9	15 000*	63.8	59.6	17 900*						21.0	
22.0	49.4	56.3	10 500*	52.6	57.2	11 600*	57.2	58.2	13 600*	61.4	59.0	16 100*						22.0	
23.0	46.5	55.3	9 700*	49.9	56.3	10 700*	54.6	57.5	12 500*	59.0	58.4	14 700*						23.0	
24.0	43.5	54.3	8 900*	47.0	55.4	9 900*	51.9	56.7	11 500*	56.5	57.8	13 400*						24.0	
25.0	40.3	53.1	8 300*	44.0	54.4	9 100*	49.2	55.9	10 500*	53.9	57.0	12 300*	61.1	58.2	16 000*			25.0	
26.0	36.8	51.8	7 700*	40.8	53.2	8 400*	46.3	54.9	9 700*	51.2	56.2	11 300*	58.6	57.6	14 500*			26.0	
27.0	33.0	50.3	7 100*	37.4	51.9	7 800*	43.2	53.9	9 000*	48.4	55.3	10 400*	56.1	57.0	13 300*			27.0	
28.0	28.7	48.5	6 600*	33.6	50.4	7 300*	39.9	52.7	8 300*	45.4	54.4	9 600*	53.5	56.2	12 200*			28.0	
29.0	23.7	46.3	6 100*	29.5	48.7	6 700*	36.5	51.3	7 700*	42.3	53.3	8 900*	50.7	55.4	11 200*			29.0	
30.0	17.3	43.5	5 700*	24.6	46.7	6 300*	32.6	49.8	7 200*	39.0	52.0	8 200*	47.9	54.5	10 300*			30.0	
31.0							28.3	48.0	6 700*	35.5	50.7	7 600*	45.0	53.5	9 500*	52.8	55.1	12 000*	31.0
32.0							23.2	45.8	6 200*	31.5	49.1	7 100*	41.8	52.4	8 800*	50.1	54.3	11 100*	32.0
33.0							16.6	42.8	5 800*	27.0	47.2	6 600*	38.5	51.2	8 200*	47.3	53.3	10 200*	33.0
34.0										21.6	44.8	6 100*	34.8	49.7	7 600*	44.3	52.3	9 400*	34.0
35.0										14.3	41.5	5 700*	30.8	48.1	7 100*	41.1	51.2	8 700*	35.0
36.0													26.2	46.2	6 600*	37.7	49.9	8 100*	36.0
37.0													20.7	43.7	6 100*	34.0	48.5	7 600*	37.0
38.0													12.7	40.0	5 700*	29.8	46.7	7 000*	38.0
39.0																25.1	44.7	6 500*	39.0

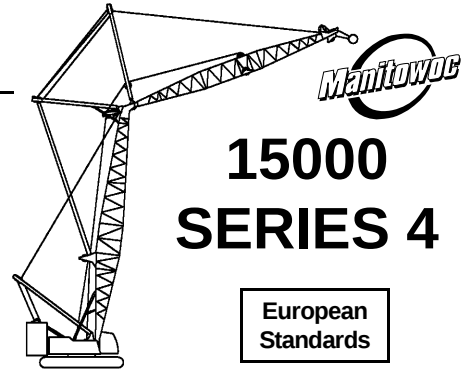
Capacities indicated by (b) require 1 180 kg minimum block weight.
Capacities based on structural competence are denoted by an asterisk (*).

Liftcrane Luffing Jib Intermediate Fall 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)

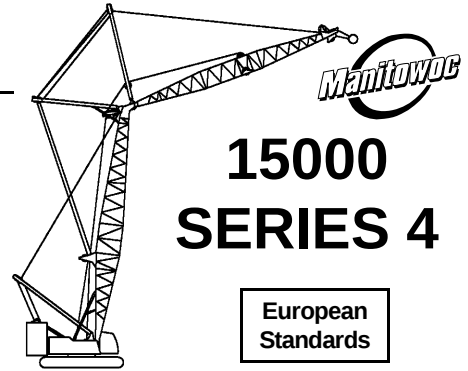
13 m/s with 21.3m thru 33.5m Luffing Jib
11 m/s with 36.6m thru 42.7m Luffing Jib
9 m/s with 45.7m thru 51.8m Luffing Jib
7 m/s with 54.9m thru 67.1m Luffing Jib
5 m/s with 70.1m and 73.2m Luffing Jib



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

Int. Fall Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Int. Fall Oper. Rad. m
	Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall		
		Ang. Deg.	Elev. m		Capacity Kilograms	Ang. Deg.		Elev. m	Capacity Kilograms		Ang. Deg.	Elev. m		Capacity Kilograms	Ang. Deg.		Elev. m	Capacity Kilograms	
10.7	74.9	59.2	26 700*															10.7	
11.0	74.1	59.1	25 600*															11.0	
12.0	71.6	58.8	22 400*															12.0	
13.0	69.1	58.4	19 400*															13.0	
14.0	66.5	57.9	16 900*	69.5	58.4	19 900*												14.0	
15.0	63.9	57.4	15 000*	66.9	57.9	17 400*												15.0	
16.0	61.2	56.9	13 300*	64.3	57.4	15 300*	68.9	58.0	19 300*									16.0	
17.0	58.4	56.3	12 000*	61.6	56.9	13 600*	66.3	57.6	16 900*									17.0	
18.0	55.5	55.6	10 800*	58.9	56.3	12 200*	63.6	57.1	14 900*									18.0	
19.0	52.6	54.8	9 800*	56.0	55.6	11 000*	60.9	56.5	13 300*	65.6	57.2	16 400*						19.0	
20.0	49.5	54.0	9 000*	53.1	54.9	10 000*	58.2	55.9	12 000*	62.9	56.7	14 500*						20.0	
21.0	46.2	53.0	8 200*	50.0	54.0	9 100*	55.3	55.2	10 800*	60.2	56.1	13 000*						21.0	
22.0	42.7	51.9	7 500*	46.8	53.1	8 300*	52.3	54.5	9 800*	57.4	55.4	11 700*						22.0	
23.0	39.0	50.7	6 900*	43.3	52.0	7 600*	49.2	53.6	9 000*	54.5	54.7	10 600*	62.5	55.9	14 400*			23.0	
24.0	34.9	49.3	6 300*	39.6	50.8	7 000*	45.9	52.6	8 200*	51.5	53.9	9 600*	59.7	55.3	12 900*			24.0	
25.0	30.4	47.6	5 800*	35.6	49.5	6 400*	42.4	51.5	7 500*	48.3	53.0	8 800*	56.9	54.6	11 600*			25.0	
26.0	25.0	45.6	5 400*	31.2	47.9	5 900*	38.7	50.3	6 900*	45.0	52.0	8 000*	54.0	53.9	10 500*			26.0	
27.0	18.1	42.9	5 000*	26.0	45.9	5 500*	34.5	48.9	6 300*	41.4	50.9	7 400*	51.0	53.1	9 600*			27.0	
28.0							29.9	47.2	5 800*	37.6	49.6	6 800*	47.8	52.2	8 700*	56.3	53.5	11 400*	
29.0							24.5	45.1	5 400*	33.4	48.2	6 200*	44.4	51.2	8 000*	53.3	52.8	10 300*	
30.0							17.3	42.3	5 000*	28.5	46.4	5 700*	40.8	50.0	7 300*	50.2	52.0	9 400*	
31.0										22.8	44.1	5 300*	36.9	48.7	6 800*	47.0	51.0	8 600*	
32.0										14.8	40.9	4 900*	32.6	47.2	6 200*	43.6	50.0	7 900*	
33.0													27.7	45.4	5 700*	40.0	48.8	7 200*	
34.0													21.7	43.0	5 300*	36.0	47.5	6 700*	
35.0													13.0	39.5	4 900*	31.6	45.9	6 100*	
36.0																26.4	44.0	5 700*	

Capacities indicated by (b) require 1 180 kg minimum block weight.
Capacities based on structural competence are denoted by an asterisk (*).



Liftcrane Luffing Jib Intermediate Fall 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, 61.0m (200 Ft.) Luffing Jib

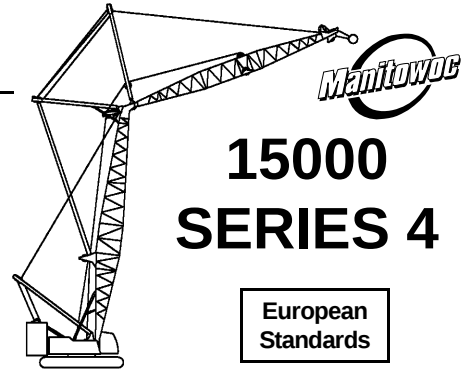
Int. Fall Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Int. Fall Oper. Rad. m
	Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		
		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms	
12.2	73.3	61.9	26 700*															12.2	
13.0	71.5	61.6	24 300*															13.0	
14.0	69.3	61.3	21 400*	71.9	61.6	25 000*												14.0	
15.0	67.0	60.8	19 000*	69.7	61.2	22 000*												15.0	
16.0	64.7	60.3	16 900*	67.4	60.8	19 400*												16.0	
17.0	62.3	59.8	15 300*	65.1	60.3	17 300*	69.1	60.9	21 300*									17.0	
18.0	59.9	59.2	13 800*	62.7	59.8	15 600*	66.8	60.5	18 900*									18.0	
19.0	57.4	58.6	12 500*	60.3	59.2	14 100*	64.5	60.0	16 900*									19.0	
20.0	54.8	57.9	11 500*	57.8	58.6	12 800*	62.1	59.5	15 300*	66.2	60.1	18 400*						20.0	
21.0	52.2	57.1	10 500*	55.3	57.9	11 700*	59.7	58.9	13 800*	63.8	59.6	16 500*						21.0	
22.0	49.4	56.3	9 600*	52.6	57.2	10 700*	57.2	58.2	12 600*	61.4	59.0	14 900*						22.0	
23.0	46.5	55.3	8 900*	49.9	56.3	9 800*	54.6	57.5	11 500*	59.0	58.4	13 500*						23.0	
24.0	43.5	54.3	8 200*	47.0	55.4	9 100*	51.9	56.7	10 500*	56.5	57.8	12 300*						24.0	
25.0	40.3	53.1	7 600*	44.0	54.4	8 400*	49.2	55.9	9 700*	53.9	57.0	11 300*	61.1	58.2	14 800*			25.0	
26.0	36.8	51.8	7 000*	40.8	53.2	7 700*	46.3	54.9	9 000*	51.2	56.2	10 300*	58.6	57.6	13 400*			26.0	
27.0	33.0	50.3	6 500*	37.4	51.9	7 200*	43.2	53.9	8 300*	48.4	55.3	9 500*	56.1	57.0	12 200*			27.0	
28.0	28.7	48.5	6 000*	33.6	50.4	6 600*	39.9	52.7	7 600*	45.4	54.4	8 800*	53.5	56.2	11 200*			28.0	
29.0	23.7	46.3	5 600*	29.5	48.7	6 100*	36.5	51.3	7 100*	42.3	53.3	8 100*	50.7	55.4	10 300*			29.0	
30.0	17.3	43.5	5 300*	24.6	46.7	5 700*	32.6	49.8	6 600*	39.0	52.0	7 500*	47.9	54.5	9 500*			30.0	
31.0							28.3	48.0	6 100*	35.5	50.7	7 000*	45.0	53.5	8 800*	52.8	55.1	11 100*	31.0
32.0							23.2	45.8	5 700*	31.5	49.1	6 500*	41.8	52.4	8 100*	50.1	54.3	10 200*	32.0
33.0							16.6	42.8	5 300*	27.0	47.2	6 000*	38.5	51.2	7 500*	47.3	53.3	9 400*	33.0
34.0										21.6	44.8	5 600*	34.8	49.7	7 000*	44.3	52.3	8 700*	34.0
35.0										14.3	41.5	5 200*	30.8	48.1	6 500*	41.1	51.2	8 100*	35.0
36.0													26.2	46.2	6 000*	37.7	49.9	7 500*	36.0
37.0													20.7	43.7	5 600*	34.0	48.5	6 900*	37.0
38.0													12.7	40.0	5 200*	29.8	46.7	6 400*	38.0
39.0																25.1	44.7	6 000*	39.0

Capacities indicated by (b) require 1 180 kg minimum block weight.
Capacities based on structural competence are denoted by an asterisk (*).

Liftcrane Luffing Jib Intermediate Fall 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, 64.0m (210 Ft.) Luffing Jib

Int. Fall Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			Int. Fall Oper. Rad. m
	Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall		
		Ang. Deg.	Elev. m		Capacity Kilograms	Ang. Deg.		Elev. m	Capacity Kilograms		Ang. Deg.	Elev. m		Capacity Kilograms	Ang. Deg.	
12.2	75.1	65.1	26 700*													12.2
13.0	73.5	64.9	25 800*													13.0
14.0	71.5	64.5	24 400*													14.0
15.0	69.5	64.1	22 100*													15.0
16.0	67.4	63.7	19 800*	69.8	64.1	22 400*										16.0
17.0	65.3	63.3	17 800*	67.7	63.7	20 200*										17.0
18.0	63.2	62.7	16 200*	65.7	63.2	18 200*										18.0
19.0	61.0	62.2	14 800*	63.6	62.7	16 500*	67.2	63.4	19 800*							19.0
20.0	58.8	61.6	13 500*	61.4	62.2	15 100*	65.1	62.9	17 800*							20.0
21.0	56.6	60.9	12 400*	59.2	61.6	13 800*	63.0	62.4	16 200*							21.0
22.0	54.3	60.2	11 400*	57.0	61.0	12 600*	60.8	61.8	14 800*	64.6	62.5	17 400*				22.0
23.0	51.9	59.4	10 500*	54.6	60.2	11 700*	58.6	61.2	13 500*	62.4	62.0	15 800*				23.0
24.0	49.4	58.6	9 800*	52.3	59.5	10 700*	56.4	60.6	12 400*	60.3	61.4	14 500*				24.0
25.0	46.8	57.6	9 100*	49.8	58.6	9 900*	54.0	59.8	11 500*	58.0	60.8	13 300*				25.0
26.0	44.1	56.6	8 400*	47.2	57.7	9 200*	51.6	59.0	10 600*	55.7	60.1	12 200*	62.1	61.2	15 700*	26.0
27.0	41.2	55.5	7 800*	44.5	56.7	8 600*	49.1	58.2	9 800*	53.4	59.3	11 300*	59.9	60.6	14 400*	27.0
28.0	38.2	54.2	7 300*	41.7	55.6	8 000*	46.5	57.2	9 100*	51.0	58.5	10 500*	57.7	60.0	13 200*	28.0
29.0	34.9	52.8	6 800*	38.7	54.3	7 400*	43.8	56.2	8 500*	48.4	57.6	9 700*	55.4	59.3	12 200*	29.0
30.0	31.4	51.2	6 300*	35.5	53.0	6 900*	41.0	55.1	7 900*	45.8	56.7	9 000*	53.0	58.5	11 300*	30.0
31.0	27.4	49.3	5 900*	32.0	51.4	6 500*	37.9	53.8	7 400*	43.1	55.6	8 400*	50.6	57.7	10 500*	31.0
32.0	22.7	47.0	5 500*	28.1	49.6	6 000*	34.6	52.4	6 900*	40.1	54.4	7 800*	48.0	56.8	9 700*	32.0
33.0	16.7	44.0	5 200*	23.5	47.4	5 600*	31.0	50.7	6 400*	37.0	53.1	7 300*	45.4	55.8	9 000*	33.0
34.0							27.0	48.8	6 000*	33.7	51.7	6 800*	42.6	54.7	8 400*	34.0
35.0							22.2	46.5	5 600*	30.0	50.0	6 400*	39.7	53.5	7 800*	35.0
36.0							16.1	43.4	5 200*	25.8	48.0	5 900*	36.5	52.2	7 300*	36.0
37.0										20.7	45.5	5 600*	33.1	50.7	6 800*	37.0
38.0										13.9	42.0	5 200*	29.3	49.0	6 400*	38.0
39.0													25.0	46.9	6 000*	39.0
40.0													19.8	44.3	5 600*	40.0

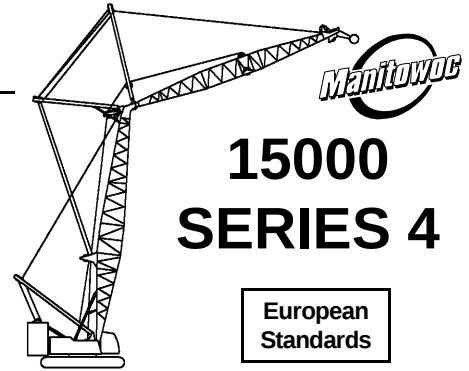
Capacities indicated by (b) require 1 180 kg minimum block weight.
Capacities based on structural competence are denoted by an asterisk (*).

Liftcrane Luffing Jib Intermediate Fall 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, 67.1m (220 Ft.) Luffing Jib

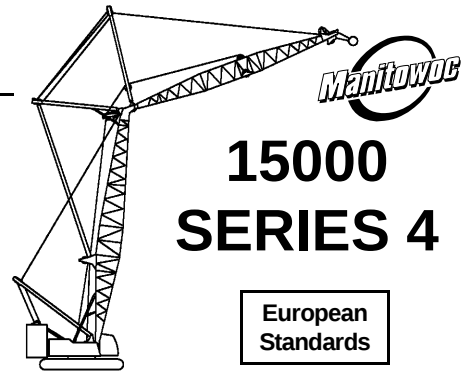
Int. Fall Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			Int. Fall Oper. Rad. m
	Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		
		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms	
13.7	73.7	67.8	24 200*													13.7
14.0	73.2	67.7	23 500*													14.0
15.0	71.4	67.4	21 300*													15.0
16.0	69.6	67.0	19 300*	71.7	67.4	21 700*										16.0
17.0	67.7	66.6	17 600*	69.9	67.0	19 600*										17.0
18.0	65.8	66.2	16 100*	68.0	66.6	17 900*										18.0
19.0	63.9	65.7	14 800*	66.2	66.2	16 400*	69.4	66.7	19 200*							19.0
20.0	62.0	65.1	13 700*	64.3	65.7	15 000*	67.6	66.3	17 500*							20.0
21.0	60.0	64.6	12 600*	62.3	65.1	13 900*	65.7	65.8	16 000*							21.0
22.0	58.0	63.9	11 700*	60.3	64.6	12 800*	63.8	65.3	14 700*							22.0
23.0	55.9	63.2	10 800*	58.3	63.9	11 900*	61.8	64.8	13 600*	65.2	65.4	15 700*				23.0
24.0	53.8	62.5	10 000*	56.3	63.3	11 000*	59.8	64.2	12 600*	63.2	64.9	14 400*				24.0
25.0	51.6	61.7	9 200*	54.1	62.5	10 200*	57.8	63.6	11 700*	61.3	64.3	13 300*				25.0
26.0	49.3	60.8	8 500*	52.0	61.8	9 400*	55.7	62.9	10 900*	59.3	63.7	12 300*				26.0
27.0	47.0	59.9	7 800*	49.7	60.9	8 700*	53.6	62.2	10 000*	57.2	63.1	11 500*				27.0
28.0	44.5	58.9	7 200*	47.4	60.0	8 000*	51.4	61.3	9 300*	55.1	62.4	10 700*	61.0	63.6	13 200*	28.0
29.0	42.0	57.8	6 700*	45.0	59.0	7 400*	49.1	60.5	8 600*	53.0	61.6	9 900*	59.0	63.0	12 200*	29.0
30.0	39.3	56.6	6 200*	42.4	57.9	6 900*	46.8	59.5	7 900*	50.8	60.8	9 100*	56.9	62.3	11 300*	30.0
31.0	36.4	55.3	5 700*	39.8	56.7	6 400*	44.3	58.5	7 300*	48.5	59.9	8 400*	54.8	61.6	10 500*	31.0
32.0	33.4	53.8	5 300*	36.9	55.4	5 900*	41.8	57.4	6 800*	46.1	59.0	7 800*	52.6	60.8	9 800*	32.0
33.0	30.0	52.1	4 900*	33.9	53.9	5 400*	39.0	56.2	6 300*	43.6	57.9	7 300*	50.4	60.0	9 100*	33.0
34.0	26.2	50.1	4 500*	30.6	52.3	5 000*	36.2	54.8	5 800*	41.0	56.8	6 700*	48.1	59.1	8 400*	34.0
35.0	21.8	47.7	4 200*	26.9	50.4	4 700*	33.1	53.3	5 400*	38.3	55.5	6 200*	45.7	58.1	7 800*	35.0
36.0	16.2	44.6	3 700*	22.6	48.1	4 300*	29.7	51.6	5 000*	35.3	54.2	5 800*	43.2	57.1	7 300*	36.0
37.0							25.8	49.6	4 600*	32.2	52.6	5 400*	40.6	55.9	6 700*	37.0
38.0							21.3	47.2	4 300*	28.7	50.8	5 000*	37.8	54.6	6 300*	38.0
39.0							15.6	44.0	3 900*	24.7	48.7	4 600*	34.9	53.2	5 800*	39.0
40.0										19.9	46.1	4 300*	31.6	51.6	5 400*	40.0
42.0													24.0	47.7	4 600*	42.0
44.0													12.3	41.1	4 000*	44.0

Capacities indicated by (b) require 1 180 kg minimum block weight.
Capacities based on structural competence are denoted by an asterisk (*).

Liftcrane Luffing Jib Intermediate Fall 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, 70.1m (230 Ft.) Luffing Jib

Int. Fall Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			Int. Fall Oper. Rad. m
	Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		
		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms	
13.7	75.1	71.0	26 100*													13.7
14.0	74.7	70.9	25 400*													14.0
15.0	73.0	70.6	23 100*													15.0
16.0	71.4	70.3	21 100*													16.0
17.0	69.7	69.9	19 300*	71.6	70.2	21 500*										17.0
18.0	68.0	69.5	17 800*	70.0	69.9	19 700*										18.0
19.0	66.3	69.1	16 500*	68.3	69.5	18 100*										19.0
20.0	64.5	68.6	15 200*	66.6	69.0	16 700*	69.5	69.6	19 300*							20.0
21.0	62.8	68.1	14 200*	64.8	68.6	15 400*	67.8	69.2	17 700*							21.0
22.0	61.0	67.5	13 200*	63.1	68.1	14 300*	66.1	68.7	16 400*							22.0
23.0	59.1	66.9	12 300*	61.3	67.5	13 300*	64.4	68.2	15 200*	67.4	68.7	17 300*				23.0
24.0	57.3	66.2	11 500*	59.4	66.9	12 500*	62.6	67.7	14 100*	65.6	68.3	16 000*				24.0
25.0	55.3	65.6	10 700*	57.6	66.3	11 700*	60.8	67.2	13 100*	63.9	67.8	14 900*				25.0
26.0	53.4	64.8	10 000*	55.7	65.6	10 900*	59.0	66.6	12 300*	62.1	67.3	13 800*				26.0
27.0	51.4	64.0	9 400*	53.7	64.9	10 200*	57.1	65.9	11 500*	60.3	66.7	12 900*				27.0
28.0	49.3	63.2	8 800*	51.7	64.1	9 600*	55.2	65.2	10 700*	58.5	66.1	12 000*				28.0
29.0	47.2	62.2	8 100*	49.7	63.2	8 900*	53.2	64.4	10 000*	56.6	65.4	11 300*	61.9	66.5	13 700*	29.0
30.0	44.9	61.2	7 600*	47.5	62.3	8 300*	51.2	63.7	9 400*	54.6	64.7	10 600*	60.0	65.9	12 800*	30.0
31.0	42.6	60.2	7 000*	45.3	61.3	7 700*	49.1	62.8	8 800*	52.7	64.0	9 900*	58.2	65.3	11 900*	31.0
32.0	40.2	59.0	6 600*	43.0	60.2	7 200*	47.0	61.8	8 300*	50.6	63.1	9 300*	56.3	64.6	11 200*	32.0
33.0	37.6	57.7	6 100*	40.6	59.1	6 700*	44.7	60.8	7 700*	48.5	62.2	8 700*	54.3	63.9	10 500*	33.0
34.0	34.9	56.3	5 700*	38.1	57.8	6 300*	42.4	59.8	7 100*	46.4	61.3	8 200*	52.3	63.1	9 800*	34.0
35.0	32.0	54.7	5 300*	35.4	56.4	5 800*	40.0	58.6	6 700*	44.1	60.3	7 600*	50.3	62.3	9 200*	35.0
36.0	28.8	52.9	5 000*	32.5	54.9	5 400*	37.4	57.3	6 200*	41.8	59.2	7 100*	48.2	61.4	8 700*	36.0
37.0	25.2	50.9	4 600*	29.3	53.2	5 100*	34.7	55.8	5 800*	39.3	57.9	6 700*	46.0	60.4	8 200*	37.0
38.0	21.0	48.4	4 300*	25.8	51.2	4 700*	31.7	54.3	5 400*	36.7	56.6	6 200*	43.7	59.4	7 700*	38.0
39.0				21.8	48.8	4 400*	28.5	52.5	5 100*	33.9	55.1	5 800*	41.4	58.3	7 200*	39.0
40.0							24.8	50.4	4 700*	30.9	53.5	5 400*	38.9	57.0	6 700*	40.0
42.0							15.2	44.6	3 300*	23.8	49.5	4 700*	33.4	54.2	5 800*	42.0
44.0										13.3	43.1	3 500*	27.0	50.6	5 100*	44.0
46.0													18.5	45.6	4 400*	46.0

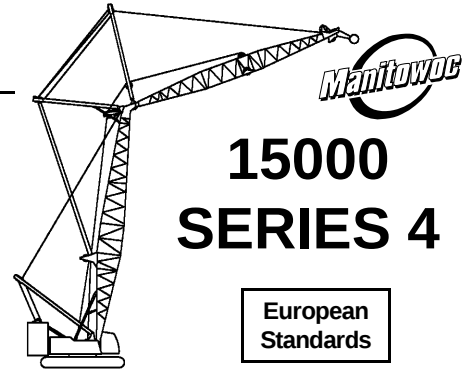
Capacities indicated by (b) require 1 180 kg minimum block weight.
Capacities based on structural competence are denoted by an asterisk (*).

Liftcrane Luffing Jib Intermediate Fall 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, 73.2m (240 Ft.) Luffing Jib

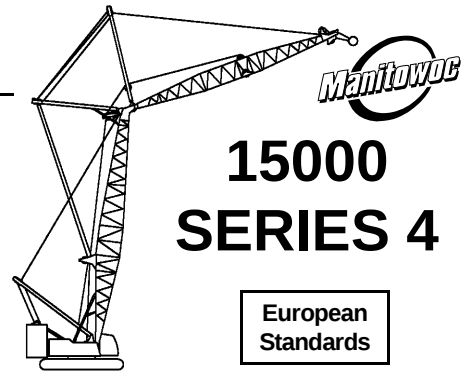
Int. Fall Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			Int. Fall Oper. Rad. m
	Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall		
		Ang. Deg.	Elev. m		Capacity Kilograms	Ang. Deg.		Elev. m	Capacity Kilograms		Ang. Deg.	Elev. m	
15.2	74.0	73.7	21 800*										15.2
16.0	72.9	73.5	20 400*										16.0
17.0	71.3	73.2	18 600*	73.1	73.5	20 700*							17.0
18.0	69.8	72.8	17 100*	71.6	73.1	18 900*							18.0
19.0	68.2	72.4	15 700*	70.0	72.8	17 300*							19.0
20.0	66.6	71.9	14 500*	68.5	72.4	15 900*							20.0
21.0	65.0	71.5	13 400*	66.9	71.9	14 700*							21.0
22.0	63.4	71.0	12 500*	65.3	71.5	13 600*	68.1	72.1	15 700*				22.0
23.0	61.8	70.4	11 600*	63.7	71.0	12 700*	66.5	71.6	14 400*				23.0
24.0	60.1	69.9	10 800*	62.0	70.4	11 800*	64.9	71.1	13 400*				24.0
25.0	58.4	69.2	10 000*	60.4	69.9	10 900*	63.3	70.6	12 400*	66.1	71.2	14 200*	25.0
26.0	56.6	68.6	9 300*	58.7	69.3	10 200*	61.6	70.1	11 500*	64.4	70.7	13 100*	26.0
27.0	54.9	67.9	8 700*	56.9	68.6	9 500*	59.9	69.5	10 700*	62.8	70.2	12 200*	27.0
28.0	53.1	67.1	8 200*	55.2	67.9	8 800*	58.2	68.9	10 000*	61.2	69.6	11 300*	28.0
29.0	51.2	66.3	7 600*	53.4	67.2	8 300*	56.5	68.2	9 300*	59.5	69.1	10 500*	29.0
30.0	49.3	65.4	7 100*	51.5	66.4	7 700*	54.7	67.5	8 700*	57.8	68.4	9 800*	30.0
31.0	47.3	64.5	6 700*	49.6	65.5	7 200*	52.9	66.8	8 100*	56.0	67.7	9 200*	31.0
32.0	45.3	63.5	6 200*	47.6	64.6	6 700*	51.0	65.9	7 600*	54.2	67.0	8 600*	32.0
33.0	43.2	62.5	5 800*	45.6	63.6	6 300*	49.1	65.1	7 100*	52.4	66.2	8 000*	33.0
34.0	40.9	61.3	5 400*	43.5	62.6	5 900*	47.1	64.2	6 600*	50.5	65.4	7 500*	34.0
35.0	38.6	60.1	5 000*	41.3	61.5	5 500*	45.1	63.2	6 200*	48.6	64.5	7 000*	35.0
36.0	36.2	58.7	4 700*	39.0	60.2	5 100*	43.0	62.1	5 800*	46.6	63.6	6 600*	36.0
37.0	33.6	57.3	4 400*	36.6	58.9	4 800*	40.7	60.9	5 400*	44.5	62.6	6 100*	37.0
38.0	30.8	55.6	4 100*	34.0	57.4	4 500*	38.4	59.7	5 100*	42.4	61.5	5 700*	38.0
39.0	27.7	53.8	3 800*	31.3	55.8	4 200*	36.0	58.3	4 700*	40.1	60.3	5 300*	39.0
40.0	24.3	51.6	3 400*	28.3	54.0	3 900*	33.4	56.8	4 400*	37.8	59.0	5 000*	40.0
42.0				21.1	49.5	3 200*	27.5	53.3	3 800*	32.6	56.1	4 400*	42.0
44.0							20.0	48.5	3 300*	26.6	52.4	3 800*	44.0

Capacities indicated by (b) require 1 180 kg minimum block weight.
Capacities based on structural competence are denoted by an asterisk (*).

Liftcrane Luffing Jib Intermediate Fall 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
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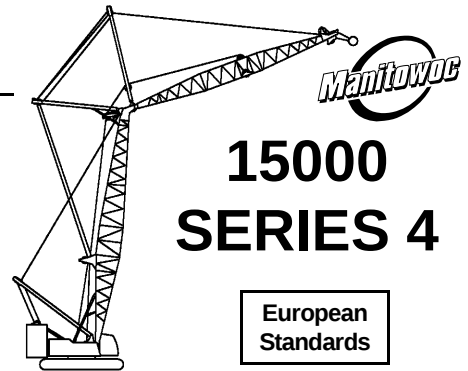
36.5m (120 Ft.) Boom, 21.3m (70 Ft.) Luffing Jib

Int. Fall Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Int. Fall Oper. Rad. m				
	Jib		Intermediate Fall	Jib		Intermediate Fall	Jib		Intermediate Fall	Jib		Intermediate Fall	Jib		Intermediate Fall	Jib		Intermediate Fall					
	Ang. Deg.	Elev. m		Capacity Kilograms	Ang. Deg.		Elev. m	Capacity Kilograms		Ang. Deg.	Elev. m		Capacity Kilograms	Ang. Deg.		Elev. m	Capacity Kilograms			Ang. Deg.	Elev. m	Capacity Kilograms	
10.7	58.7	48.9	17 700* b																				
11.0	56.8	48.7	16 800* b																				
12.0	50.6	47.9	14 200*																				
13.0	43.8	46.8	12 200*																				
14.0	35.9	45.5	10 600*																				
15.0	25.7	43.6	9 300*	38.2	45.8	11 100*	51.7	47.7	14 800*														
16.0				28.8	44.1	9 700*	45.0	46.7	12 600*														
17.0							37.4	45.4	11 000*										51.0	47.3	14 500*		
18.0							27.7	43.7	9 600*										44.2	46.3	12 500*		
19.0																			36.4	45.0	10 800*		
20.0													51.6	46.6	14 800*								
21.0													44.9	45.6	12 800*								
22.0													37.2	44.3	11 000*								
23.0																					51.7	45.6	14 900*
24.0																					45.0	44.6	12 900*
25.0																37.4	43.3	11 100*	25.0				

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

Int. Fall Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Int. Fall Oper. Rad. m		
	Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall				
		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms			
10.7	58.7	48.9	14 800*	52.3	48.0	12 500*	57.8	48.5	14 600*												
11.0	56.8	48.7	14 100*																		
12.0	50.6	47.9	11 900*																		
13.0	43.8	46.8	10 100*																		
14.0	35.9	45.5	8 800*																		
15.0	25.7	43.6	7 700*	38.2	45.8	9 100*	51.7	47.7	12 300*	57.1	48.1	14 500*									
16.0				28.8	44.1	7 900*	45.0	46.7	10 400*												
17.0							37.4	45.4	9 100*										51.0	47.3	12 000*
18.0							27.7	43.7	7 900*										44.2	46.3	10 300*
19.0																			36.4	45.0	8 900*
20.0													51.6	46.6	12 200*				20.0		
21.0													44.9	45.6	10 500*				21.0		
22.0													37.2	44.3	9 100*				22.0		
23.0																51.7	45.6	12 400*	23.0		
24.0																45.0	44.6	10 700*	24.0		
25.0																37.4	43.3	9 200*	25.0		

Capacities indicated by (b) require 1 180 kg minimum block weight.
Capacities based on structural competence are denoted by an asterisk (*).



15000 SERIES 4

European
Standards

**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, 27.4m (90 Ft.) Luffing Jib

Int. Fall Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Int. Fall Oper. Rad. m												
	Jib		Intermediate Fall	Jib		Intermediate Fall	Jib		Intermediate Fall	Jib		Intermediate Fall	Jib		Intermediate Fall	Jib		Intermediate Fall													
	Ang. Deg.	Elev. m		Capacity Kilograms	Ang. Deg.		Elev. m	Capacity Kilograms		Ang. Deg.	Elev. m		Capacity Kilograms	Ang. Deg.		Elev. m	Capacity Kilograms			Ang. Deg.	Elev. m	Capacity Kilograms	Ang. Deg.	Elev. m	Capacity Kilograms						
10.7	58.7	48.9	13 100*	65.7	49.6	17 100*													10.7												
11.0	56.8	48.7	12 400*	63.9	49.4	16 100*													11.0												
12.0	50.6	47.9	10 400*	58.3	48.8	13 100*													12.0												
13.0	43.8	46.8	8 800*	52.3	48.0	10 800*													13.0												
14.0	35.9	45.5	7 600*	45.8	47.0	9 200*													14.0												
15.0	25.7	43.6	6 600*	38.2	45.8	8 000*	51.7	47.7	10 800*	57.1	48.1	12 800*		47.4	13 100*				15.0												
16.0				28.8	44.1	6 900*	45.0	46.7	9 100*										16.0												
17.0							37.4	45.4	7 900*										17.0												
18.0							27.7	43.7	6 800*										44.2	46.3	9 000*	18.0									
19.0																			36.4	45.0	7 700*	19.0									
20.0																			20.0												
21.0																															21.0
22.0																															22.0
23.0																															23.0
24.0																															24.0
25.0																															25.0

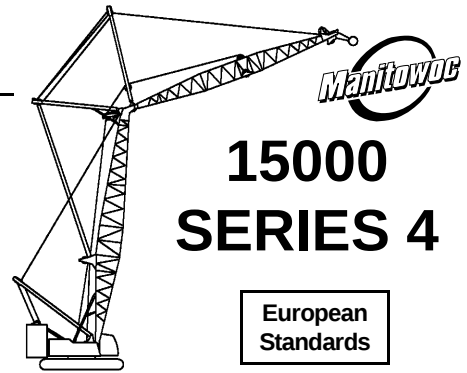
Capacities indicated by (b) require 1 180 kg minimum block weight.
Capacities based on structural competence are denoted by an asterisk (*).

Liftcrane Luffing Jib Intermediate Fall 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)**

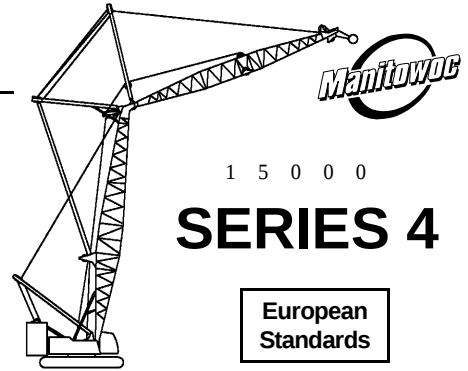
13 m/s with 21.3m thru 33.5m Luffing Jib
11 m/s with 36.6m thru 42.7m Luffing Jib
9 m/s with 45.7m thru 51.8m Luffing Jib
7 m/s with 54.9m thru 67.1m Luffing Jib
5 m/s with 70.1m and 73.2m Luffing Jib



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

Int. Fall Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Int. Fall Oper. Rad. m
	Jib		Intermediate Fall	Jib		Intermediate Fall	Jib		Intermediate Fall	Jib		Intermediate Fall	Jib		Intermediate Fall	Jib		Intermediate Fall	
	Ang. Deg.	Elev. m		Capacity Kilograms	Ang. Deg.		Elev. m	Capacity Kilograms		Ang. Deg.	Elev. m		Capacity Kilograms	Ang. Deg.		Elev. m	Capacity Kilograms		
10.7	65.6	52.4	18 800*	70.9	52.9	24 600* b													
11.0	64.2	52.3	17 900*	69.6	52.8	23 200* b													
12.0	59.8	51.7	15 000*	65.4	52.3	18 800*													
13.0	55.2	51.0	12 700*	61.0	51.8	15 500*													
14.0	50.3	50.2	11 100*	56.5	51.1	13 400*													
15.0	45.0	49.2	9 700*	51.7	50.3	11 600*	60.6	51.5	15 500*	64.5	51.7	18 400*							
16.0	39.0	48.0	8 600*	46.4	49.4	10 100*	56.0	50.8	13 100*										
17.0	32.1	46.4	7 700*	40.7	48.2	8 900*	51.2	50.0	11 400*										
18.0	23.1	44.3	6 800*	34.1	46.8	7 900*	45.9	49.0	10 000*										
19.0				25.9	44.9	7 000*	40.1	47.9	8 800*										
20.0							33.3	46.4	7 800*	45.3	48.6	9 900*	60.5	50.4	15 600*				
21.0							24.9	44.4	7 000*	39.3	47.4	8 700*	55.9	49.7	13 400*				
22.0										32.5	45.9	7 700*	51.1	48.9	11 400*				
23.0													45.8	47.9	10 100*				
24.0													39.9	46.8	8 900*				
25.0													33.2	45.3	7 900*	51.1	47.9	11 700*	25.0
26.0																45.9	47.0	10 200*	26.0
27.0																40.1	45.8	9 000*	27.0
28.0																33.3	44.3	8 000*	28.0

Capacities indicated by (b) require 1 180 kg minimum block weight.
Capacities based on structural competence are denoted by an asterisk (*).



Liftcrane Luffing Jib Intermediate Fall 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

Int. Fall Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Int. Fall Oper. Rad. m
	Jib		Intermediate Fall	Jib		Intermediate Fall	Jib		Intermediate Fall	Jib		Intermediate Fall	Jib		Intermediate Fall	Jib		Intermediate Fall	
	Ang. Deg.	Elev. m		Ang. Deg.	Elev. m		Capacity Kilograms	Ang. Deg.		Elev. m	Capacity Kilograms		Ang. Deg.	Elev. m		Capacity Kilograms	Ang. Deg.		
9.1	67.1	49.8	17 000*																9.1
10.0	62.4	49.3	14 400*																10.0
11.0	56.8	48.7	11 600*	63.9	49.4	15 200*													11.0
12.0	50.6	47.9	9 800*	58.3	48.8	12 400*													12.0
13.0	43.8	46.8	8 400*	52.3	48.0	10 200*	63.4	49.1	15 000*										13.0
14.0	35.9	45.5	7 300*	45.8	47.0	8 800*	57.8	48.5	12 000*										14.0
15.0	25.7	43.6	6 400*	38.2	45.8	7 600*	51.7	47.7	10 100*										15.0
16.0				28.8	44.1	6 600*	45.0	46.7	8 600*	57.1	48.1	12 000*							16.0
17.0							37.4	45.4	7 500*	51.0	47.3	10 000*							17.0
18.0							27.7	43.7	6 600*	44.2	46.3	8 500*							18.0
19.0										36.4	45.0	7 400*	57.6	47.4	12 300*				19.0
20.0													51.6	46.6	10 200*				20.0
21.0													44.9	45.6	8 700*				21.0
22.0													37.2	44.3	7 500*				22.0
23.0																51.7	45.6	10 300*	23.0
24.0																45.0	44.6	8 900*	24.0
25.0																37.4	43.3	7 600*	25.0

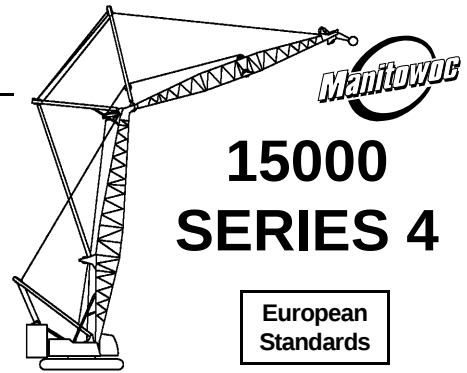
Capacities indicated by (b) require 1 180 kg minimum block weight.
Capacities based on structural competence are denoted by an asterisk (*).

Liftcrane Luffing Jib Intermediate Fall 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)**

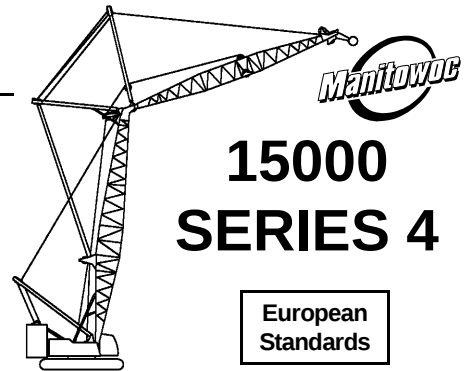
13 m/s with 21.3m thru 33.5m Luffing Jib
11 m/s with 36.6m thru 42.7m Luffing Jib
9 m/s with 45.7m thru 51.8m Luffing Jib
7 m/s with 54.9m thru 67.1m Luffing Jib
5 m/s with 70.1m and 73.2m Luffing Jib



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

Int. Fall Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Int. Fall Oper. Rad. m
	Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		
		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms	
9.1	71.9	53.1	23 500*															9.1	
10.0	68.4	52.8	19 900*															10.0	
11.0	64.2	52.3	15 900*	69.6	52.8	20 900*												11.0	
12.0	59.8	51.7	13 400*	65.4	52.3	17 000*												12.0	
13.0	55.2	51.0	11 500*	61.0	51.8	14 000*												13.0	
14.0	50.3	50.2	10 000*	56.5	51.1	12 000*	65.0	52.0	16 700*									14.0	
15.0	45.0	49.2	8 800*	51.7	50.3	10 400*	60.6	51.5	14 000*									15.0	
16.0	39.0	48.0	7 700*	46.4	49.4	9 100*	56.0	50.8	11 800*	64.5	51.7	16 600*						16.0	
17.0	32.1	46.4	6 900*	40.7	48.2	8 000*	51.2	50.0	10 300*	60.1	51.1	13 700*						17.0	
18.0	23.1	44.3	6 100*	34.1	46.8	7 100*	45.9	49.0	9 000*	55.5	50.4	11 700*						18.0	
19.0				25.9	44.9	6 300*	40.1	47.9	7 900*	50.6	49.6	10 100*						19.0	
20.0							33.3	46.4	7 000*	45.3	48.6	8 900*	60.5	50.4	14 100*			20.0	
21.0							24.9	44.4	6 300*	39.3	47.4	7 900*	55.9	49.7	12 100*			21.0	
22.0										32.5	45.9	7 000*	51.1	48.9	10 300*			22.0	
23.0													45.8	47.9	9 100*			23.0	
24.0													39.9	46.8	8 000*			24.0	
25.0													33.2	45.3	7 100*	51.1	47.9	25.0	
26.0																45.9	47.0	26.0	
27.0																40.1	45.8	27.0	
28.0																33.3	44.3	28.0	

Capacities indicated by (b) require 1 180 kg minimum block weight.
Capacities based on structural competence are denoted by an asterisk (*).



Liftcrane Luffing Jib Intermediate Fall 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

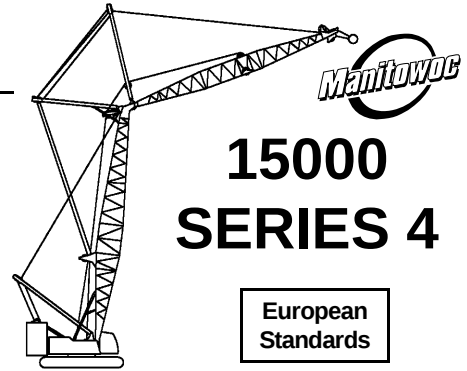
Int. Fall Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Int. Fall Oper. Rad. m
	Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		
		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms	
9.1	75.1	56.3	26 700*															9.1	
10.0	72.2	56.0	23 800*															10.0	
11.0	68.9	55.7	20 300*															11.0	
12.0	65.4	55.2	17 100*															12.0	
13.0	61.8	54.6	14 500*	66.3	55.2	18 100*												13.0	
14.0	58.1	54.0	12 700*	62.8	54.7	15 200*	69.4	55.4	21 100*									14.0	
15.0	54.2	53.3	11 100*	59.1	54.1	13 200*	66.0	55.0	17 700*									15.0	
16.0	50.1	52.5	9 900*	55.3	53.4	11 500*	62.4	54.4	15 000*									16.0	
17.0	45.7	51.5	8 800*	51.2	52.6	10 200*	58.7	53.8	13 100*	65.6	54.6	17 400*						17.0	
18.0	40.9	50.3	7 900*	46.9	51.7	9 100*	54.9	53.1	11 500*	62.0	54.0	15 000*						18.0	
19.0	35.6	49.0	7 100*	42.2	50.6	8 200*	50.8	52.3	10 100*	58.3	53.4	12 900*						19.0	
20.0	29.3	47.3	6 400*	37.1	49.3	7 300*	46.4	51.3	9 100*	54.4	52.7	11 400*						20.0	
21.0	21.3	44.9	5 800*	31.1	47.7	6 600*	41.7	50.2	8 100*	50.3	51.9	10 000*						21.0	
22.0				23.8	45.6	6 000*	36.5	48.9	7 300*	45.9	50.9	8 900*	58.6	52.7	13 300*			22.0	
23.0							30.5	47.3	6 600*	41.2	49.8	8 000*	54.8	52.0	11 500*			23.0	
24.0							22.9	45.1	5 900*	35.9	48.4	7 200*	50.7	51.2	10 200*			24.0	
25.0										29.7	46.7	6 500*	46.4	50.3	9 100*			25.0	
26.0													41.6	49.2	8 200*	54.9	51.0	26.0	
27.0													36.4	47.8	7 300*	50.8	50.2	27.0	
28.0													30.3	46.2	6 600*	46.4	49.3	28.0	
29.0																41.7	48.2	29.0	
30.0																36.5	46.8	30.0	
31.0																30.5	45.2	31.0	
32.0																22.9	43.0	32.0	

Capacities indicated by (b) require 1 180 kg minimum block weight.
Capacities based on structural competence are denoted by an asterisk (*).

Liftcrane Luffing Jib Intermediate Fall Capacities

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

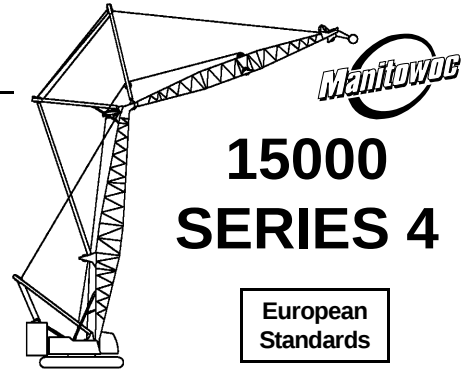
Maximum Operating Wind Speeds (all boom lengths)	
13 m/s with 21.3m thru 33.5m Luffing Jib	
11 m/s with 36.6m thru 42.7m Luffing Jib	
9 m/s with 45.7m thru 51.8m Luffing Jib	
7 m/s with 54.9m thru 67.1m Luffing Jib	
5 m/s with 70.1m and 73.2m Luffing Jib	



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

Int. Fall Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Int. Fall Oper. Rad. m
	Jib		Intermediate Fall	Jib		Intermediate Fall	Jib		Intermediate Fall	Jib		Intermediate Fall	Jib		Intermediate Fall	Jib		Intermediate Fall	
	Ang. Deg.	Elev. m		Ang. Deg.	Elev. m		Ang. Deg.	Elev. m		Ang. Deg.	Elev. m		Ang. Deg.	Elev. m		Ang. Deg.	Elev. m		
10.7	73.0	59.0	26 700*															10.7	
11.0	72.0	58.9	25 600*															11.0	
12.0	69.1	58.5	22 200*															12.0	
13.0	66.2	58.1	19 100*	69.9	58.5	23 500*												13.0	
14.0	63.2	57.6	16 600*	67.0	58.1	19 800*												14.0	
15.0	60.0	57.0	14 600*	64.0	57.6	17 200*												15.0	
16.0	56.8	56.3	12 900*	60.9	57.1	15 100*	66.7	57.8	19 800*									16.0	
17.0	53.4	55.6	11 600*	57.7	56.4	13 400*	63.7	57.3	17 100*									17.0	
18.0	49.9	54.7	10 400*	54.4	55.7	12 000*	60.6	56.8	15 000*									18.0	
19.0	46.2	53.8	9 400*	50.9	54.9	10 700*	57.4	56.1	13 300*	63.3	57.0	17 000*						19.0	
20.0	42.2	52.7	8 500*	47.2	54.0	9 700*	54.0	55.4	11 900*	60.2	56.4	14 800*						20.0	
21.0	37.8	51.4	7 800*	43.3	52.9	8 800*	50.5	54.6	10 700*	57.0	55.7	13 200*						21.0	
22.0	32.9	49.9	7 100*	39.0	51.7	8 000*	46.8	53.7	9 700*	53.6	55.0	11 800*						22.0	
23.0	27.3	48.1	6 400*	34.3	50.3	7 300*	42.9	52.6	8 800*	50.1	54.2	10 600*	60.5	55.7	15 100*			23.0	
24.0	20.0	45.6	5 900*	28.9	48.5	6 700*	38.6	51.3	7 900*	46.4	53.2	9 600*	57.3	55.1	13 500*			24.0	
25.0				22.2	46.3	6 100*	33.8	49.9	7 200*	42.4	52.1	8 700*	54.0	54.3	12 000*			25.0	
26.0							28.3	48.1	6 600*	38.1	50.9	7 900*	50.5	53.5	10 800*			26.0	
27.0							21.4	45.8	6 000*	33.2	49.4	7 200*	46.8	52.6	9 700*			27.0	
28.0										27.6	47.6	6 600*	42.8	51.5	8 800*	54.0	53.3	12 100*	
29.0													38.5	50.3	8 000*	50.5	52.5	10 900*	
30.0													33.7	48.8	7 300*	46.8	51.6	9 800*	
31.0													28.2	47.0	6 700*	42.9	50.5	8 900*	
32.0													21.3	44.7	6 100*	38.6	49.3	8 100*	
33.0																33.8	47.8	7 400*	
34.0																28.3	46.0	6 700*	
35.0																21.4	43.7	6 100*	

Capacities indicated by (b) require 1 180 kg minimum block weight.
Capacities based on structural competence are denoted by an asterisk (*).



Liftcrane Luffing Jib Intermediate Fall 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

**European
Standards**

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

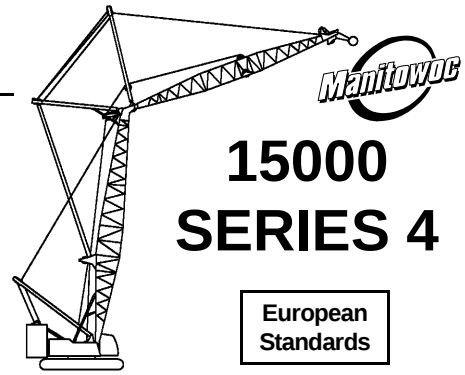
Int. Fall Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Int. Fall Oper. Rad. m
	Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall		
		Ang. Deg.	Elev. m		Capacity Kilograms	Ang. Deg.		Elev. m	Capacity Kilograms		Ang. Deg.	Elev. m		Capacity Kilograms	Ang. Deg.		Elev. m	Capacity Kilograms	
10.7	75.2	62.2	26 700*															10.7	
11.0	74.4	62.1	26 500*															11.0	
12.0	71.9	61.8	25 900*															12.0	
13.0	69.4	61.4	23 700*															13.0	
14.0	66.8	61.0	20 000*	70.1	61.4	24 000*												14.0	
15.0	64.2	60.5	17 700*	67.5	61.0	20 900*												15.0	
16.0	61.5	59.9	15 800*	64.9	60.5	18 300*												16.0	
17.0	58.7	59.3	14 200*	62.2	60.0	16 300*	67.2	60.7	20 700*									17.0	
18.0	55.8	58.7	12 800*	59.5	59.4	14 600*	64.6	60.3	18 300*									18.0	
19.0	52.9	57.9	11 600*	56.6	58.7	13 200*	61.9	59.7	16 200*									19.0	
20.0	49.8	57.0	10 600*	53.7	58.0	12 000*	59.2	59.1	14 600*	64.3	59.9	18 100*						20.0	
21.0	46.5	56.1	9 700*	50.6	57.2	10 900*	56.3	58.5	13 100*	61.6	59.3	16 100*						21.0	
22.0	43.1	55.0	8 900*	47.4	56.3	9 900*	53.4	57.7	11 900*	58.9	58.7	14 400*						22.0	
23.0	39.4	53.8	8 200*	44.1	55.2	9 100*	50.3	56.9	10 900*	56.0	58.1	13 100*						23.0	
24.0	35.4	52.5	7 500*	40.4	54.1	8 400*	47.1	56.0	9 900*	53.0	57.3	11 800*						24.0	
25.0	30.9	50.8	6 900*	36.5	52.8	7 700*	43.7	54.9	9 100*	50.0	56.5	10 800*	59.1	58.0	14 700*			25.0	
26.0	25.6	48.8	6 400*	32.2	51.2	7 100*	40.1	53.7	8 300*	46.7	55.5	9 800*	56.3	57.4	13 300*			26.0	
27.0	19.0	46.2	5 900*	27.1	49.3	6 600*	36.1	52.4	7 700*	43.3	54.5	9 000*	53.3	56.6	12 000*			27.0	
28.0				21.0	46.9	6 100*	31.7	50.8	7 100*	39.6	53.3	8 300*	50.3	55.8	11 000*			28.0	
29.0							26.6	48.9	6 500*	35.6	51.9	7 700*	47.0	54.9	10 000*	56.5	56.4	13 400*	29.0
30.0							20.3	46.4	6 000*	31.1	50.3	7 100*	43.6	53.8	9 200*	53.4	55.6	12 100*	30.0
31.0										25.9	48.3	6 500*	40.0	52.7	8 500*	50.3	54.8	11 000*	31.0
32.0										19.4	45.7	6 000*	36.0	51.3	7 800*	47.1	53.9	10 100*	32.0
33.0													31.6	49.7	7 200*	43.7	52.8	9 300*	33.0
34.0													26.5	47.8	6 600*	40.1	51.7	8 500*	34.0
35.0													20.1	45.3	6 100*	36.1	50.3	7 800*	35.0
36.0																31.7	48.7	7 200*	36.0
37.0																26.6	46.8	6 700*	37.0
38.0																20.2	44.3	6 200*	38.0

Capacities indicated by (b) require 1 180 kg minimum block weight.
Capacities based on structural competence are denoted by an asterisk (*).

Liftcrane Luffing Jib Intermediate Fall 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	



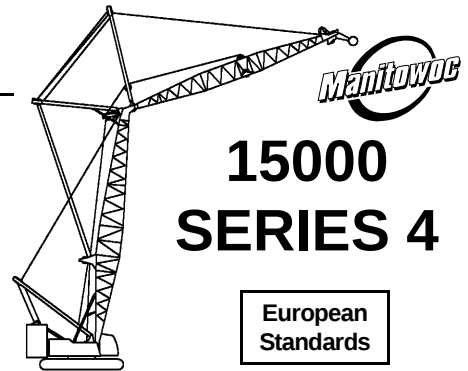
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SERIES 4**

European
Standards

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

Int. Fall Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Int. Fall Oper. Rad. m
	Jib		Intermediate Fall	Jib		Intermediate Fall	Jib		Intermediate Fall	Jib		Intermediate Fall	Jib		Intermediate Fall	Jib		Intermediate Fall	
	Ang. Deg.	Elev. m		Capacity Kilograms	Ang. Deg.		Elev. m	Capacity Kilograms		Ang. Deg.	Elev. m		Capacity Kilograms	Ang. Deg.		Elev. m	Capacity Kilograms		
12.2	73.6	64.9	26 700*																12.2
13.0	71.8	64.7	26 600*																13.0
14.0	69.5	64.3	26 000*	72.4	64.7	26 500*													14.0
15.0	67.3	63.9	23 100*	70.1	64.3	25 900*													15.0
16.0	64.9	63.4	20 300*	67.9	63.9	24 100*													16.0
17.0	62.6	62.9	18 300*	65.6	63.4	21 000*	69.9	64.1	26 100*										17.0
18.0	60.1	62.3	16 500*	63.2	62.9	18 900*	67.6	63.6	23 300*										18.0
19.0	57.7	61.7	15 000*	60.8	62.4	17 000*	65.3	63.2	20 800*										19.0
20.0	55.1	61.0	13 700*	58.3	61.7	15 500*	63.0	62.7	18 700*	67.4	63.3	23 000*							20.0
21.0	52.5	60.2	12 600*	55.8	61.1	14 100*	60.6	62.1	16 900*	65.1	62.8	20 700*							21.0
22.0	49.7	59.3	11 600*	53.2	60.3	12 900*	58.1	61.5	15 400*	62.7	62.3	18 500*							22.0
23.0	46.8	58.4	10 700*	50.5	59.5	11 900*	55.5	60.8	14 100*	60.3	61.7	16 800*							23.0
24.0	43.8	57.4	9 900*	47.6	58.6	10 900*	52.9	60.0	12 900*	57.8	61.1	15 300*							24.0
25.0	40.6	56.2	9 100*	44.6	57.6	10 100*	50.2	59.2	11 900*	55.2	60.4	14 000*							25.0
26.0	37.2	54.9	8 500*	41.5	56.5	9 400*	47.3	58.3	10 900*	52.6	59.6	12 900*	60.5	61.0	17 100*				26.0
27.0	33.4	53.4	7 900*	38.1	55.2	8 700*	44.3	57.2	10 100*	49.9	58.8	11 800*	58.0	60.4	15 600*				27.0
28.0	29.2	51.7	7 300*	34.5	53.8	8 000*	41.2	56.1	9 400*	47.0	57.8	10 900*	55.5	59.7	14 200*				28.0
29.0	24.3	49.6	6 800*	30.4	52.1	7 500*	37.8	54.8	8 700*	44.0	56.8	10 100*	52.9	58.9	13 100*				29.0
30.0	18.1	46.8	6 300*	25.7	50.1	7 000*	34.1	53.4	8 100*	40.8	55.7	9 300*	50.1	58.1	12 000*				30.0
31.0				20.0	47.6	6 500*	30.0	51.7	7 500*	37.4	54.4	8 700*	47.3	57.2	11 100*	55.5	58.7	14 300*	31.0
32.0				11.6	43.7	6 000*	25.2	49.7	7 000*	33.6	52.9	8 000*	44.3	56.2	10 200*	52.9	57.9	13 200*	32.0
33.0							19.3	47.0	6 500*	29.4	51.2	7 500*	41.1	55.0	9 500*	50.2	57.1	12 100*	33.0
34.0										24.6	49.1	7 000*	37.7	53.7	8 800*	47.3	56.2	11 200*	34.0
35.0										18.5	46.4	6 500*	34.0	52.3	8 200*	44.3	55.2	10 300*	35.0
36.0													29.9	50.6	7 600*	41.2	54.0	9 600*	36.0
37.0													25.1	48.6	7 100*	37.8	52.8	8 900*	37.0
38.0													19.2	45.9	6 600*	34.1	51.3	8 300*	38.0
39.0																29.9	49.6	7 700*	39.0
40.0																25.2	47.6	7 100*	40.0

Capacities indicated by (b) require 1 180 kg minimum block weight.
Capacities based on structural competence are denoted by an asterisk (*).



Liftcrane Luffing Jib Intermediate Fall 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

**European
Standards**

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

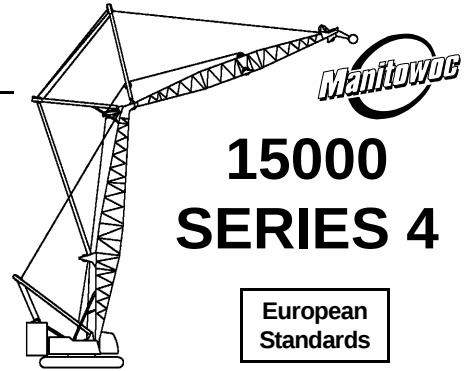
Int. Fall Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Int. Fall Oper. Rad. m
	Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		
		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms	
10.7	75.2	62.2	26 700*															10.7	
11.0	74.4	62.1	26 100*															11.0	
12.0	71.9	61.8	24 200*															12.0	
13.0	69.4	61.4	21 600*															13.0	
14.0	66.8	61.0	18 600*	70.1	61.4	22 200*												14.0	
15.0	64.2	60.5	16 400*	67.5	61.0	19 400*												15.0	
16.0	61.5	59.9	14 600*	64.9	60.5	17 000*												16.0	
17.0	58.7	59.3	13 100*	62.2	60.0	15 100*	67.2	60.7	19 200*									17.0	
18.0	55.8	58.7	11 800*	59.5	59.4	13 500*	64.6	60.3	16 900*									18.0	
19.0	52.9	57.9	10 700*	56.6	58.7	12 200*	61.9	59.7	15 000*									19.0	
20.0	49.8	57.0	9 800*	53.7	58.0	11 100*	59.2	59.1	13 500*	64.3	59.9	16 700*						20.0	
21.0	46.5	56.1	8 900*	50.6	57.2	10 100*	56.3	58.5	12 100*	61.6	59.3	14 900*						21.0	
22.0	43.1	55.0	8 200*	47.4	56.3	9 200*	53.4	57.7	11 000*	58.9	58.7	13 300*						22.0	
23.0	39.4	53.8	7 500*	44.1	55.2	8 400*	50.3	56.9	10 000*	56.0	58.1	12 100*						23.0	
24.0	35.4	52.5	6 900*	40.4	54.1	7 700*	47.1	56.0	9 100*	53.0	57.3	10 900*						24.0	
25.0	30.9	50.8	6 400*	36.5	52.8	7 100*	43.7	54.9	8 400*	50.0	56.5	10 000*	59.1	58.0	13 600*			25.0	
26.0	25.6	48.8	5 900*	32.2	51.2	6 500*	40.1	53.7	7 700*	46.7	55.5	9 100*	56.3	57.4	12 300*			26.0	
27.0	19.0	46.2	5 400*	27.1	49.3	6 000*	36.1	52.4	7 100*	43.3	54.5	8 400*	53.3	56.6	11 100*			27.0	
28.0				21.0	46.9	5 600*	31.7	50.8	6 500*	39.6	53.3	7 700*	50.3	55.8	10 100*			28.0	
29.0							26.6	48.9	6 100*	35.6	51.9	7 100*	47.0	54.9	9 300*	56.5	56.4	12 400*	29.0
30.0							20.3	46.4	5 600*	31.1	50.3	6 500*	43.6	53.8	8 500*	53.4	55.6	11 200*	30.0
31.0										25.9	48.3	6 000*	40.0	52.7	7 800*	50.3	54.8	10 200*	31.0
32.0										19.4	45.7	5 600*	36.0	51.3	7 200*	47.1	53.9	9 300*	32.0
33.0													31.6	49.7	6 600*	43.7	52.8	8 600*	33.0
34.0													26.5	47.8	6 100*	40.1	51.7	7 900*	34.0
35.0													20.1	45.3	5 600*	36.1	50.3	7 200*	35.0
36.0																31.7	48.7	6 700*	36.0
37.0																26.6	46.8	6 200*	37.0
38.0																20.2	44.3	5 700*	38.0

Capacities indicated by (b) require 1 180 kg minimum block weight.
Capacities based on structural competence are denoted by an asterisk (*).

Liftcrane Luffing Jib Intermediate Fall Capacities

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

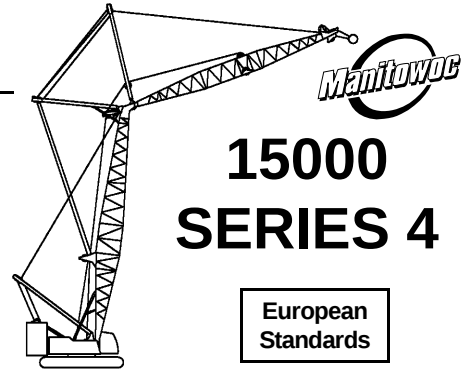
Maximum Operating Wind Speeds (all boom lengths)	
13 m/s with 21.3m thru 33.5m Luffing Jib	
11 m/s with 36.6m thru 42.7m Luffing Jib	
9 m/s with 45.7m thru 51.8m Luffing Jib	
7 m/s with 54.9m thru 67.1m Luffing Jib	
5 m/s with 70.1m and 73.2m Luffing Jib	



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

Int. Fall Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Int. Fall Oper. Rad. m
	Jib		Intermediate Fall	Jib		Intermediate Fall	Jib		Intermediate Fall	Jib		Intermediate Fall	Jib		Intermediate Fall	Jib		Intermediate Fall	
	Ang. Deg.	Elev. m		Capacity Kilograms	Ang. Deg.		Elev. m	Capacity Kilograms		Ang. Deg.	Elev. m		Capacity Kilograms	Ang. Deg.		Elev. m	Capacity Kilograms		
12.2	73.6	64.9	26 700*															12.2	
13.0	71.8	64.7	25 500*															13.0	
14.0	69.5	64.3	23 800*	72.4	64.7	26 100*												14.0	
15.0	67.3	63.9	21 100*	70.1	64.3	24 200*												15.0	
16.0	64.9	63.4	18 600*	67.9	63.9	21 800*												16.0	
17.0	62.6	62.9	16 800*	65.6	63.4	19 300*	69.9	64.1	24 200*									17.0	
18.0	60.1	62.3	15 200*	63.2	62.9	17 300*	67.6	63.6	21 500*									18.0	
19.0	57.7	61.7	13 800*	60.8	62.4	15 600*	65.3	63.2	19 100*									19.0	
20.0	55.1	61.0	12 600*	58.3	61.7	14 200*	63.0	62.7	17 200*	67.4	63.3	21 200*						20.0	
21.0	52.5	60.2	11 500*	55.8	61.1	13 000*	60.6	62.1	15 600*	65.1	62.8	19 000*						21.0	
22.0	49.7	59.3	10 600*	53.2	60.3	11 900*	58.1	61.5	14 200*	62.7	62.3	17 100*						22.0	
23.0	46.8	58.4	9 800*	50.5	59.5	10 900*	55.5	60.8	12 900*	60.3	61.7	15 500*						23.0	
24.0	43.8	57.4	9 000*	47.6	58.6	10 000*	52.9	60.0	11 800*	57.8	61.1	14 100*						24.0	
25.0	40.6	56.2	8 300*	44.6	57.6	9 300*	50.2	59.2	10 900*	55.2	60.4	12 900*						25.0	
26.0	37.2	54.9	7 700*	41.5	56.5	8 600*	47.3	58.3	10 000*	52.6	59.6	11 800*	60.5	61.0	15 700*			26.0	
27.0	33.4	53.4	7 200*	38.1	55.2	7 900*	44.3	57.2	9 300*	49.9	58.8	10 800*	58.0	60.4	14 300*			27.0	
28.0	29.2	51.7	6 600*	34.5	53.8	7 400*	41.2	56.1	8 600*	47.0	57.8	10 000*	55.5	59.7	13 100*			28.0	
29.0	24.3	49.6	6 200*	30.4	52.1	6 800*	37.8	54.8	8 000*	44.0	56.8	9 300*	52.9	58.9	12 000*			29.0	
30.0	18.1	46.8	5 800*	25.7	50.1	6 400*	34.1	53.4	7 400*	40.8	55.7	8 600*	50.1	58.1	11 000*			30.0	
31.0				20.0	47.6	5 900*	30.0	51.7	6 800*	37.4	54.4	7 900*	47.3	57.2	10 200*	55.5	58.7	13 200*	31.0
32.0				11.6	43.7	5 500*	25.2	49.7	6 300*	33.6	52.9	7 300*	44.3	56.2	9 400*	52.9	57.9	12 100*	32.0
33.0							19.3	47.0	5 900*	29.4	51.2	6 800*	41.1	55.0	8 700*	50.2	57.1	11 100*	33.0
34.0										24.6	49.1	6 400*	37.7	53.7	8 100*	47.3	56.2	10 300*	34.0
35.0										18.5	46.4	5 900*	34.0	52.3	7 500*	44.3	55.2	9 500*	35.0
36.0													29.9	50.6	7 000*	41.2	54.0	8 800*	36.0
37.0													25.1	48.6	6 500*	37.8	52.8	8 200*	37.0
38.0													19.2	45.9	6 000*	34.1	51.3	7 600*	38.0
39.0																29.9	49.6	7 100*	39.0
40.0																25.2	47.6	6 600*	40.0

Capacities indicated by (b) require 1 180 kg minimum block weight.
Capacities based on structural competence are denoted by an asterisk (*).



Liftcrane Luffing Jib Intermediate Fall 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

**European
Standards**

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

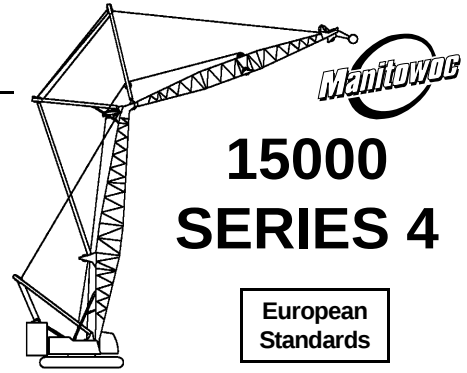
Int. Fall Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Int. Fall Oper. Rad. m
	Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall		
		Ang. Deg.	Elev. m		Capacity Kilograms	Ang. Deg.		Elev. m	Capacity Kilograms		Ang. Deg.	Elev. m		Capacity Kilograms	Ang. Deg.		Elev. m	Capacity Kilograms	
10.7	75.2	62.2	26 700*															10.7	
11.0	74.4	62.1	25 700*															11.0	
12.0	71.9	61.8	22 700*															12.0	
13.0	69.4	61.4	19 800*															13.0	
14.0	66.8	61.0	17 200*	70.1	61.4	20 600*												14.0	
15.0	64.2	60.5	15 200*	67.5	61.0	18 000*												15.0	
16.0	61.5	59.9	13 500*	64.9	60.5	15 700*												16.0	
17.0	58.7	59.3	12 200*	62.2	60.0	14 000*	67.2	60.7	17 800*									17.0	
18.0	55.8	58.7	11 000*	59.5	59.4	12 600*	64.6	60.3	15 700*									18.0	
19.0	52.9	57.9	9 900*	56.6	58.7	11 300*	61.9	59.7	13 900*									19.0	
20.0	49.8	57.0	9 000*	53.7	58.0	10 200*	59.2	59.1	12 500*	64.3	59.9	15 500*						20.0	
21.0	46.5	56.1	8 300*	50.6	57.2	9 300*	56.3	58.5	11 200*	61.6	59.3	13 800*						21.0	
22.0	43.1	55.0	7 600*	47.4	56.3	8 500*	53.4	57.7	10 200*	58.9	58.7	12 400*						22.0	
23.0	39.4	53.8	6 900*	44.1	55.2	7 800*	50.3	56.9	9 300*	56.0	58.1	11 200*						23.0	
24.0	35.4	52.5	6 400*	40.4	54.1	7 100*	47.1	56.0	8 500*	53.0	57.3	10 100*						24.0	
25.0	30.9	50.8	5 900*	36.5	52.8	6 500*	43.7	54.9	7 800*	50.0	56.5	9 200*	59.1	58.0	12 600*			25.0	
26.0	25.6	48.8	5 400*	32.2	51.2	6 000*	40.1	53.7	7 100*	46.7	55.5	8 500*	56.3	57.4	11 400*			26.0	
27.0	19.0	46.2	5 000*	27.1	49.3	5 600*	36.1	52.4	6 500*	43.3	54.5	7 700*	53.3	56.6	10 300*			27.0	
28.0				21.0	46.9	5 200*	31.7	50.8	6 000*	39.6	53.3	7 100*	50.3	55.8	9 400*			28.0	
29.0							26.6	48.9	5 600*	35.6	51.9	6 500*	47.0	54.9	8 600*	56.5	56.4	11 500*	29.0
30.0							20.3	46.4	5 100*	31.1	50.3	6 000*	43.6	53.8	7 900*	53.4	55.6	10 400*	30.0
31.0										25.9	48.3	5 600*	40.0	52.7	7 200*	50.3	54.8	9 500*	31.0
32.0										19.4	45.7	5 100*	36.0	51.3	6 700*	47.1	53.9	8 700*	32.0
33.0													31.6	49.7	6 100*	43.7	52.8	7 900*	33.0
34.0													26.5	47.8	5 700*	40.1	51.7	7 300*	34.0
35.0													20.1	45.3	5 200*	36.1	50.3	6 700*	35.0
36.0																31.7	48.7	6 200*	36.0
37.0																26.6	46.8	5 700*	37.0
38.0																20.2	44.3	5 300*	38.0

Capacities indicated by (b) require 1 180 kg minimum block weight.
Capacities based on structural competence are denoted by an asterisk (*).

Liftcrane Luffing Jib Intermediate Fall 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

Int. Fall Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			Int. Fall Oper. Rad. m
	Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall		
		Ang. Deg.	Elev. m		Capacity Kilograms	Ang. Deg.		Elev. m	Capacity Kilograms		Ang. Deg.	Elev. m		Capacity Kilograms	Ang. Deg.	
12.2	73.6	64.9	26 700*													12.2
13.0	71.8	64.7	24 500*													13.0
14.0	69.5	64.3	21 800*	72.4	64.7	25 800*										14.0
15.0	67.3	63.9	19 300*	70.1	64.3	22 600*										15.0
16.0	64.9	63.4	17 100*	67.9	63.9	19 900*										16.0
17.0	62.6	62.9	15 400*	65.6	63.4	17 700*	69.9	64.1	22 300*							17.0
18.0	60.1	62.3	14 000*	63.2	62.9	15 900*	67.6	63.6	19 800*							18.0
19.0	57.7	61.7	12 700*	60.8	62.4	14 400*	65.3	63.2	17 600*							19.0
20.0	55.1	61.0	11 600*	58.3	61.7	13 100*	63.0	62.7	15 900*	67.4	63.3	19 500*				20.0
21.0	52.5	60.2	10 600*	55.8	61.1	11 900*	60.6	62.1	14 300*	65.1	62.8	17 500*				21.0
22.0	49.7	59.3	9 700*	53.2	60.3	10 900*	58.1	61.5	13 000*	62.7	62.3	15 700*				22.0
23.0	46.8	58.4	9 000*	50.5	59.5	10 000*	55.5	60.8	11 900*	60.3	61.7	14 300*				23.0
24.0	43.8	57.4	8 300*	47.6	58.6	9 200*	52.9	60.0	10 900*	57.8	61.1	13 000*				24.0
25.0	40.6	56.2	7 600*	44.6	57.6	8 500*	50.2	59.2	10 000*	55.2	60.4	11 800*				25.0
26.0	37.2	54.9	7 100*	41.5	56.5	7 900*	47.3	58.3	9 200*	52.6	59.6	10 800*	60.5	61.0	14 500*	26.0
27.0	33.4	53.4	6 600*	38.1	55.2	7 300*	44.3	57.2	8 500*	49.9	58.8	10 000*	58.0	60.4	13 200*	27.0
28.0	29.2	51.7	6 100*	34.5	53.8	6 700*	41.2	56.1	7 800*	47.0	57.8	9 200*	55.5	59.7	12 000*	28.0
29.0	24.3	49.6	5 600*	30.4	52.1	6 300*	37.8	54.8	7 300*	44.0	56.8	8 500*	52.9	58.9	11 000*	29.0
30.0	18.1	46.8	5 300*	25.7	50.1	5 800*	34.1	53.4	6 800*	40.8	55.7	7 900*	50.1	58.1	10 100*	30.0
31.0				20.0	47.6	5 400*	30.0	51.7	6 300*	37.4	54.4	7 300*	47.3	57.2	9 400*	31.0
32.0				11.6	43.7	5 000*	25.2	49.7	5 800*	33.6	52.9	6 800*	44.3	56.2	8 700*	32.0
33.0							19.3	47.0	5 400*	29.4	51.2	6 300*	41.1	55.0	8 000*	33.0
34.0										24.6	49.1	5 800*	37.7	53.7	7 400*	34.0
35.0										18.5	46.4	5 400*	34.0	52.3	6 900*	35.0
36.0													29.9	50.6	6 400*	36.0
37.0													25.1	48.6	5 900*	37.0
38.0													19.2	45.9	5 500*	38.0

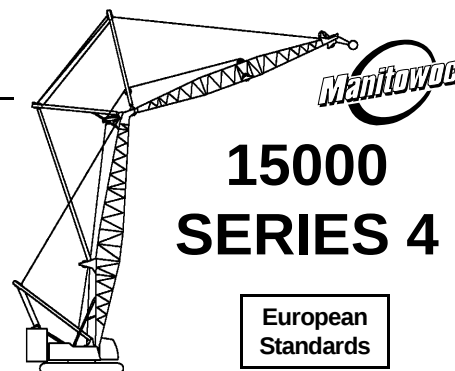
Capacities indicated by (b) require 1 180 kg minimum block weight.
Capacities based on structural competence are denoted by an asterisk (*).

Liftcrane Luffing Jib Intermediate Fall 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, 64.0m (210 Ft.) Luffing Jib

Int. Fall Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			Int. Fall Oper. Rad. m
	Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		
		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms	
12.2	75.3	68.1	26 700*										12.2
13.0	73.7	67.9	25 900*										13.0
14.0	71.7	67.6	24 700*										14.0
15.0	69.7	67.2	22 400*										15.0
16.0	67.6	66.8	20 000*	70.2	67.2	22 900*							16.0
17.0	65.5	66.3	18 100*	68.2	66.8	20 700*							17.0
18.0	63.4	65.8	16 400*	66.1	66.3	18 600*							18.0
19.0	61.3	65.2	14 900*	64.0	65.8	16 900*	68.0	66.5	20 500*				19.0
20.0	59.1	64.7	13 600*	61.9	65.3	15 400*	65.9	66.1	18 500*				20.0
21.0	56.8	64.0	12 500*	59.7	64.7	14 000*	63.8	65.6	16 800*				21.0
22.0	54.5	63.3	11 500*	57.4	64.1	12 900*	61.6	65.0	15 300*	65.7	65.7	18 400*	22.0
23.0	52.1	62.5	10 600*	55.1	63.4	11 900*	59.5	64.4	14 000*	63.5	65.2	16 600*	23.0
24.0	49.6	61.7	9 800*	52.8	62.6	10 900*	57.2	63.8	12 900*	61.4	64.7	15 200*	24.0
25.0	47.1	60.7	9 100*	50.3	61.8	10 100*	54.9	63.1	11 800*	59.2	64.1	13 900*	25.0
26.0	44.4	59.7	8 500*	47.8	60.9	9 400*	52.5	62.3	10 900*	56.9	63.4	12 800*	26.0
27.0	41.5	58.6	7 900*	45.1	59.9	8 700*	50.1	61.5	10 100*	54.6	62.7	11 800*	27.0
28.0	38.5	57.3	7 300*	42.3	58.8	8 100*	47.5	60.6	9 400*	52.2	61.9	10 900*	28.0
29.0	35.3	55.9	6 800*	39.4	57.6	7 500*	44.8	59.6	8 700*	49.8	61.1	10 100*	29.0
30.0	31.7	54.4	6 400*	36.2	56.2	7 000*	42.0	58.5	8 100*	47.2	60.1	9 400*	30.0
31.0	27.8	52.5	6 000*	32.7	54.7	6 600*	39.0	57.2	7 600*	44.5	59.1	8 700*	31.0
32.0	23.2	50.3	5 600*	28.9	53.0	6 100*	35.8	55.9	7 000*	41.7	58.0	8 100*	32.0
33.0	17.4	47.4	5 200*	24.5	50.9	5 700*	32.4	54.3	6 600*	38.7	56.8	7 600*	33.0
34.0				19.2	48.2	5 400*	28.5	52.5	6 100*	35.5	55.4	7 100*	34.0
35.0				11.4	44.2	5 000*	24.1	50.4	5 700*	31.9	53.8	6 600*	35.0
36.0							18.6	47.7	5 400*	28.0	52.0	6 200*	36.0
37.0										23.5	49.8	5 800*	37.0
38.0										17.8	47.0	5 400*	38.0

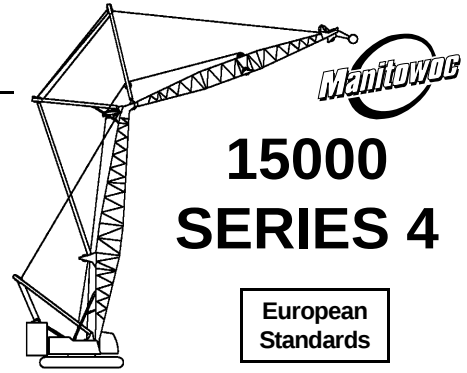
Capacities indicated by (b) require 1 180 kg minimum block weight.
Capacities based on structural competence are denoted by an asterisk (*).

Liftcrane Luffing Jib Intermediate Fall 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, 67.1m (220 Ft.) Luffing Jib

Int. Fall Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			Int. Fall Oper. Rad. m
	Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall		
		Ang. Deg.	Elev. m		Capacity Kilograms	Ang. Deg.		Elev. m	Capacity Kilograms		Ang. Deg.	Elev. m	
13.7	73.9	70.8	24 500*										13.7
14.0	73.4	70.8	23 800*										14.0
15.0	71.6	70.4	21 500*										15.0
16.0	69.8	70.1	19 500*	72.1	70.4	22 200*							16.0
17.0	67.9	69.7	17 800*	70.3	70.1	20 000*							17.0
18.0	66.0	69.2	16 300*	68.4	69.7	18 200*							18.0
19.0	64.1	68.7	15 000*	66.6	69.2	16 700*							19.0
20.0	62.2	68.2	13 800*	64.7	68.8	15 400*	68.2	69.4	18 100*				20.0
21.0	60.2	67.6	12 800*	62.7	68.2	14 200*	66.4	69.0	16 600*				21.0
22.0	58.2	67.0	11 800*	60.8	67.7	13 100*	64.5	68.5	15 200*				22.0
23.0	56.1	66.3	10 900*	58.7	67.1	12 100*	62.5	68.0	14 000*	66.1	68.6	16 400*	23.0
24.0	54.0	65.6	10 100*	56.7	66.4	11 200*	60.6	67.4	13 000*	64.2	68.1	15 100*	24.0
25.0	51.8	64.8	9 300*	54.6	65.7	10 400*	58.5	66.8	12 000*	62.3	67.6	13 900*	25.0
26.0	49.6	64.0	8 500*	52.4	64.9	9 500*	56.5	66.1	11 200*	60.3	67.0	12 900*	26.0
27.0	47.2	63.0	7 900*	50.2	64.1	8 800*	54.4	65.4	10 400*	58.3	66.4	11 900*	27.0
28.0	44.8	62.0	7 300*	47.9	63.2	8 100*	52.2	64.6	9 600*	56.2	65.7	11 100*	28.0
29.0	42.3	60.9	6 700*	45.5	62.2	7 500*	50.0	63.8	8 800*	54.1	65.0	10 300*	29.0
30.0	39.6	59.7	6 200*	43.0	61.1	6 900*	47.6	62.9	8 100*	51.9	64.2	9 600*	30.0
31.0	36.7	58.4	5 800*	40.3	60.0	6 500*	45.2	61.9	7 500*	49.7	63.4	8 800*	31.0
32.0	33.7	56.9	5 300*	37.5	58.7	6 000*	42.7	60.8	7 000*	47.4	62.5	8 200*	32.0
33.0	30.3	55.2	5 000*	34.5	57.2	5 500*	40.1	59.6	6 500*	44.9	61.5	7 600*	33.0
34.0	26.6	53.3	4 600*	31.3	55.6	5 100*	37.2	58.3	6 000*	42.4	60.4	7 000*	34.0
35.0	22.3	51.0	4 200*	27.7	53.8	4 700*	34.2	56.9	5 600*	39.7	59.2	6 500*	35.0
36.0	16.9	48.0	3 900*	23.5	51.6	4 400*	30.9	55.2	5 200*	36.9	57.8	6 000*	36.0
37.0				18.5	48.8	4 000*	27.3	53.4	4 800*	33.9	56.4	5 600*	37.0
38.0				11.3	44.7	3 200*	23.1	51.1	4 400*	30.5	54.7	5 200*	38.0
39.0							17.9	48.3	4 100*	26.8	52.8	4 800*	39.0
40.0										22.5	50.5	4 400*	40.0

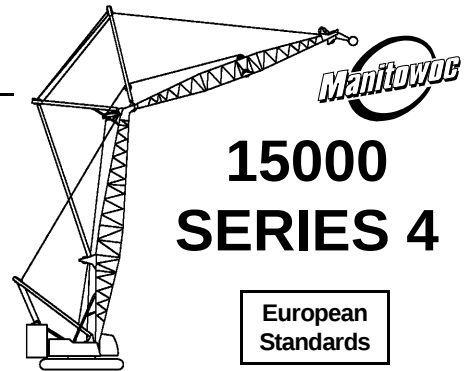
Capacities indicated by (b) require 1 180 kg minimum block weight.
Capacities based on structural competence are denoted by an asterisk (*).

Liftcrane Luffing Jib Intermediate Fall 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

Int. Fall Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			Int. Fall Oper. Rad. m
	Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		
		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms	
13.7	75.3	74.0	26 400*										13.7
14.0	74.8	73.9	25 700*										14.0
15.0	73.2	73.7	23 400*										15.0
16.0	71.5	73.3	21 300*										16.0
17.0	69.9	72.9	19 600*	72.0	73.3	21 900*							17.0
18.0	68.2	72.5	18 000*	70.3	72.9	20 100*							18.0
19.0	66.5	72.1	16 600*	68.6	72.6	18 400*							19.0
20.0	64.7	71.6	15 400*	66.9	72.1	17 000*	70.1	72.7	19 900*				20.0
21.0	62.9	71.1	14 300*	65.2	71.7	15 700*	68.5	72.3	18 300*				21.0
22.0	61.1	70.6	13 300*	63.4	71.2	14 600*	66.7	71.9	16 900*				22.0
23.0	59.3	70.0	12 400*	61.6	70.6	13 600*	65.0	71.4	15 600*				23.0
24.0	57.5	69.3	11 600*	59.8	70.0	12 700*	63.2	70.9	14 500*				24.0
25.0	55.5	68.6	10 800*	58.0	69.4	11 800*	61.5	70.3	13 500*	64.8	71.0	15 500*	25.0
26.0	53.6	67.9	10 100*	56.1	68.7	11 100*	59.6	69.7	12 600*	63.0	70.5	14 400*	26.0
27.0	51.6	67.1	9 400*	54.1	68.0	10 400*	57.8	69.1	11 800*	61.2	70.0	13 400*	27.0
28.0	49.5	66.2	8 800*	52.1	67.2	9 700*	55.9	68.4	11 000*	59.4	69.4	12 500*	28.0
29.0	47.4	65.3	8 200*	50.1	66.4	9 000*	53.9	67.7	10 300*	57.6	68.7	11 700*	29.0
30.0	45.2	64.3	7 600*	48.0	65.5	8 400*	51.9	66.9	9 700*	55.7	68.0	11 000*	30.0
31.0	42.9	63.3	7 100*	45.8	64.5	7 800*	49.9	66.1	9 100*	53.7	67.3	10 300*	31.0
32.0	40.5	62.1	6 600*	43.5	63.5	7 300*	47.8	65.2	8 500*	51.7	66.5	9 600*	32.0
33.0	37.9	60.8	6 200*	41.1	62.3	6 800*	45.6	64.2	7 900*	49.6	65.7	9 000*	33.0
34.0	35.2	59.4	5 700*	38.6	61.1	6 400*	43.3	63.1	7 400*	47.5	64.7	8 500*	34.0
35.0	32.3	57.9	5 400*	36.0	59.7	5 900*	40.9	62.0	6 900*	45.3	63.8	7 900*	35.0
36.0	29.1	56.1	5 000*	33.1	58.2	5 500*	38.4	60.7	6 400*	43.0	62.7	7 400*	36.0
37.0	25.6	54.1	4 700*	30.0	56.5	5 100*	35.7	59.4	6 000*	40.6	61.5	6 900*	37.0
38.0	21.5	51.7	4 300*	26.6	54.6	4 800*	32.8	57.8	5 600*	38.1	60.3	6 400*	38.0
39.0	16.4	48.6	3 200*	22.7	52.3	4 500*	29.7	56.1	5 200*	35.4	58.9	6 000*	39.0
40.0							26.2	54.2	4 900*	32.5	57.3	5 600*	40.0
42.0							17.4	48.9	3 900*	25.8	53.6	4 900*	42.0
44.0										16.7	48.2	4 300*	44.0

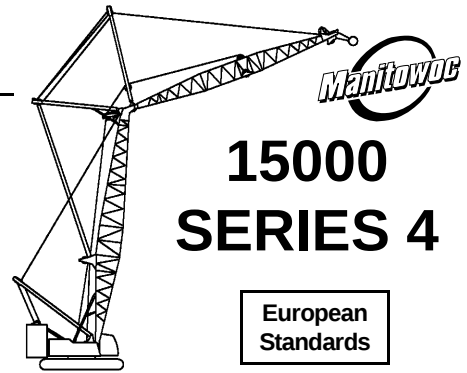
Capacities indicated by (b) require 1 180 kg minimum block weight.
Capacities based on structural competence are denoted by an asterisk (*).

Liftcrane Luffing Jib Intermediate Fall 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)**

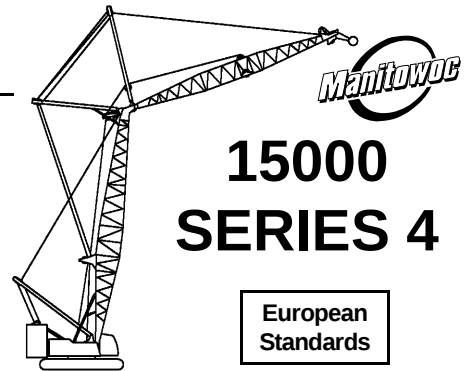
13 m/s with 21.3m thru 33.5m Luffing Jib
11 m/s with 36.6m thru 42.7m Luffing Jib
9 m/s with 45.7m thru 51.8m Luffing Jib
7 m/s with 54.9m thru 67.1m Luffing Jib
5 m/s with 70.1m and 73.2m Luffing Jib



36.5m (120 Ft.) Boom, 73.2m (240 Ft.) Luffing Jib

Int. Fall Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			Int. Fall Oper. Rad. m
	Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall		
		Ang. Deg.	Elev. m		Capacity Kilograms	Ang. Deg.		Elev. m	Capacity Kilograms		Ang. Deg.	Elev. m	
15.2	74.2	76.8	21 900*										15.2
16.0	73.0	76.5	20 600*										16.0
17.0	71.5	76.2	18 800*	73.4	76.5	21 100*							17.0
18.0	69.9	75.8	17 200*	71.9	76.2	19 300*							18.0
19.0	68.4	75.4	15 900*	70.4	75.8	17 700*							19.0
20.0	66.8	75.0	14 700*	68.8	75.4	16 300*							20.0
21.0	65.2	74.5	13 600*	67.2	75.0	15 000*							21.0
22.0	63.6	74.0	12 600*	65.6	74.6	13 900*	68.6	75.2	16 200*				22.0
23.0	61.9	73.5	11 700*	64.0	74.1	12 900*	67.1	74.8	14 900*				23.0
24.0	60.3	72.9	10 900*	62.4	73.6	11 900*	65.5	74.3	13 800*				24.0
25.0	58.6	72.3	10 100*	60.7	73.0	11 100*	63.9	73.8	12 800*	66.9	74.4	14 800*	25.0
26.0	56.8	71.7	9 400*	59.0	72.4	10 300*	62.2	73.3	11 900*	65.3	73.9	13 700*	26.0
27.0	55.1	70.9	8 800*	57.3	71.7	9 600*	60.5	72.7	11 000*	63.7	73.4	12 700*	27.0
28.0	53.2	70.2	8 200*	55.5	71.1	9 000*	58.9	72.1	10 300*	62.0	72.9	11 800*	28.0
29.0	51.4	69.4	7 700*	53.7	70.3	8 400*	57.1	71.4	9 600*	60.4	72.3	11 000*	29.0
30.0	49.5	68.5	7 200*	51.9	69.5	7 800*	55.4	70.8	8 900*	58.7	71.7	10 200*	30.0
31.0	47.5	67.6	6 700*	50.0	68.7	7 300*	53.6	70.0	8 400*	56.9	71.1	9 500*	31.0
32.0	45.5	66.7	6 300*	48.1	67.8	6 800*	51.7	69.2	7 800*	55.2	70.4	8 900*	32.0
33.0	43.4	65.6	5 800*	46.0	66.8	6 400*	49.8	68.4	7 300*	53.3	69.6	8 300*	33.0
34.0	41.2	64.5	5 400*	44.0	65.8	6 000*	47.9	67.5	6 800*	51.5	68.8	7 800*	34.0
35.0	38.9	63.2	5 100*	41.8	64.7	5 600*	45.8	66.5	6 400*	49.6	68.0	7 300*	35.0
36.0	36.5	61.9	4 800*	39.5	63.5	5 200*	43.7	65.5	5 900*	47.6	67.1	6 800*	36.0
37.0	33.9	60.4	4 400*	37.1	62.2	4 900*	41.6	64.3	5 600*	45.6	66.1	6 300*	37.0
38.0	31.1	58.8	4 100*	34.6	60.7	4 600*	39.3	63.1	5 200*	43.5	65.0	5 900*	38.0
39.0	28.1	57.0	3 800*	31.9	59.2	4 300*	36.9	61.8	4 900*	41.3	63.9	5 500*	39.0
40.0	24.7	54.9	3 500*	28.9	57.4	4 000*	34.3	60.4	4 600*	39.0	62.7	5 200*	40.0
42.0				21.9	53.0	3 300*	28.6	57.0	4 000*	34.0	59.9	4 500*	42.0
44.0							21.5	52.5	3 400*	28.3	56.4	3 900*	44.0
46.0										21.0	51.9	3 400*	46.0

Capacities indicated by (b) require 1 180 kg minimum block weight.
Capacities based on structural competence are denoted by an asterisk (*).



Liftcrane Luffing Jib Intermediate Fall 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	

**European
Standards**

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

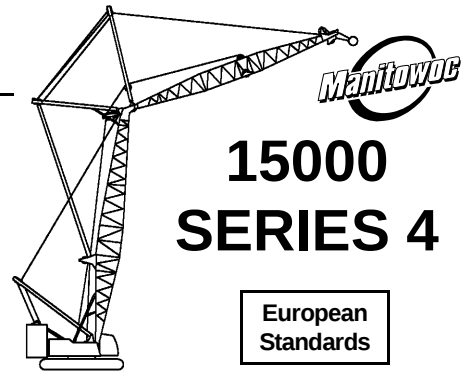
Int. Fall Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Int. Fall Oper. Rad. m
	Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall		
	Ang. Deg.	Elev. m	Capacity Kilograms	Ang. Deg.	Elev. m	Capacity Kilograms	Ang. Deg.	Elev. m	Capacity Kilograms	Ang. Deg.	Elev. m	Capacity Kilograms	Ang. Deg.	Elev. m	Capacity Kilograms	Ang. Deg.	Elev. m	Capacity Kilograms	
10.7	59.3	52.0	18 000* b	53.6	51.2	15 600*													
11.0	57.4	51.7	17 200* b																
12.0	51.3	51.0	14 500*																
13.0	44.6	49.9	12 400*																
14.0	36.8	48.7	10 800*																
15.0	27.0	46.8	9 500*	39.9	49.1	11 400*	47.6	50.1	13 400*	54.2	50.7	15 900* b							
16.0				31.0	47.5	10 000*													
17.0																			
18.0																			
19.0																			
20.0													56.3	50.1	16 900* b				20.0
21.0													50.2	49.3	14 400*				21.0
22.0													43.3	48.3	12 300*				22.0
23.0													35.3	46.9	10 800*				23.0
24.0													24.8	44.9	9 400*				24.0
25.0																45.2	47.5	13 000*	25.0
26.0																37.6	46.2	11 200*	26.0
27.0																28.0	44.5	9 800*	27.0

Capacities indicated by (b) require 1 180 kg minimum block weight.
Capacities based on structural competence are denoted by an asterisk (*).

Liftcrane Luffing Jib Intermediate Fall 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, 24.4m (80 Ft.) Luffing Jib

Int. Fall Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Int. Fall Oper. Rad. m		
	Jib		Intermediate Fall	Jib		Intermediate Fall	Jib		Intermediate Fall	Jib		Intermediate Fall	Jib		Intermediate Fall	Jib		Intermediate Fall			
	Ang. Deg.	Elev. m		Capacity Kilograms	Ang. Deg.		Elev. m	Capacity Kilograms		Ang. Deg.	Elev. m		Capacity Kilograms	Ang. Deg.		Elev. m	Capacity Kilograms			Ang. Deg.	Elev. m
10.7	59.3	52.0	15 200*	53.6	51.2	13 000*	59.9	51.7	15 800*b												
11.0	57.4	51.7	14 400*																		
12.0	51.3	51.0	12 100*																		
13.0	44.6	49.9	10 300*																		
14.0	36.8	48.7	8 900*																		
15.0	27.0	46.8	7 800*	39.9	49.1	9 400*	54.0	51.0	13 100*	60.1	51.4	16 100*b									
16.0				31.0	47.5	8 200*	47.6	50.1	11 000*												
17.0							40.3	48.9	9 500*										54.2	50.7	13 200*
18.0							31.6	47.4	8 300*										47.8	49.8	11 100*
19.0																			40.6	48.6	9 600*
20.0													56.3	50.1	14 200*				20.0		
21.0													50.2	49.3	12 000*				21.0		
22.0													43.3	48.3	10 200*				22.0		
23.0													35.3	46.9	8 900*				23.0		
24.0													24.8	44.9	7 700*				24.0		
25.0																45.2	47.5	10 800*	25.0		
26.0																37.6	46.2	9 300*	26.0		
27.0																28.0	44.5	8 100*	27.0		

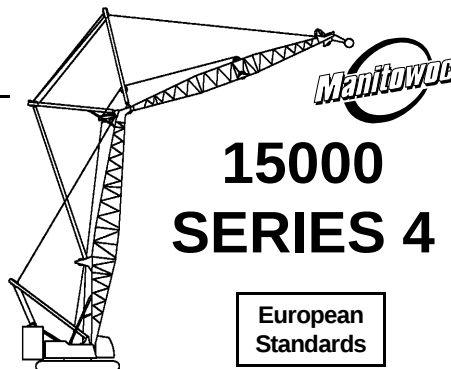
Capacities indicated by (b) require 1 180 kg minimum block weight.
Capacities based on structural competence are denoted by an asterisk (*).

Liftcrane Luffing Jib Intermediate Fall 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, 27.4m (90 Ft.) Luffing Jib

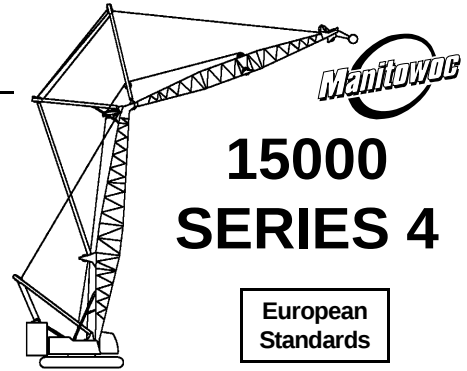
Int. Fall Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Int. Fall Oper. Rad. m
	Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall		
	Ang. Deg.	Elev. m	Capacity Kilograms	Ang. Deg.	Elev. m	Capacity Kilograms	Ang. Deg.	Elev. m	Capacity Kilograms	Ang. Deg.	Elev. m	Capacity Kilograms	Ang. Deg.	Elev. m	Capacity Kilograms	Ang. Deg.	Elev. m	Capacity Kilograms	
10.7	59.3	52.0	13 400*																10.7
11.0	57.4	51.7	12 700*																11.0
12.0	51.3	51.0	10 600*																12.0
13.0	44.6	49.9	9 000*	53.6	51.2	11 500*													13.0
14.0	36.8	48.7	7 800*	47.2	50.2	9 600*	59.9	51.7	13 900*										14.0
15.0	27.0	46.8	6 700*	39.9	49.1	8 200*	54.0	51.0	11 600*										15.0
16.0				31.0	47.5	7 100*	47.6	50.1	9 700*	60.1	51.4	14 300*							16.0
17.0							40.3	48.9	8 400*	54.2	50.7	11 600*							17.0
18.0							31.6	47.4	7 200*	47.8	49.8	9 800*							18.0
19.0										40.6	48.6	8 400*							19.0
20.0													56.3	50.1	12 500*				20.0
21.0													50.2	49.3	10 500*				21.0
22.0													43.3	48.3	8 900*				22.0
23.0													35.3	46.9	7 700*				23.0
24.0													24.8	44.9	6 700*				24.0
25.0																45.2	47.5	9 500*	25.0
26.0																37.6	46.2	8 000*	26.0
27.0																28.0	44.5	7 000*	27.0

Capacities indicated by (b) require 1 180 kg minimum block weight.
Capacities based on structural competence are denoted by an asterisk (*).

Liftcrane Luffing Jib Intermediate Fall Capacities

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

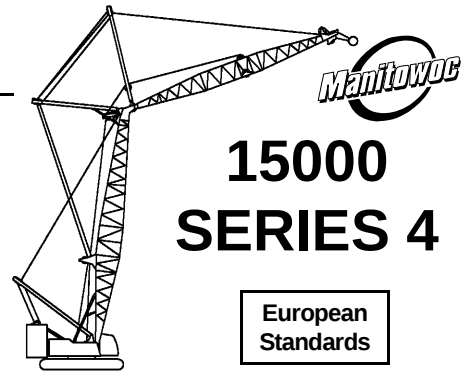
Maximum Operating Wind Speeds (all boom lengths)	
13 m/s with 21.3m thru 33.5m Luffing Jib	
11 m/s with 36.6m thru 42.7m Luffing Jib	
9 m/s with 45.7m thru 51.8m Luffing Jib	
7 m/s with 54.9m thru 67.1m Luffing Jib	
5 m/s with 70.1m and 73.2m Luffing Jib	



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

Int. Fall Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Int. Fall Oper. Rad. m
	Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		
		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms	
10.7	66.1	55.5	19 300*															10.7	
11.0	64.7	55.3	18 300*															11.0	
12.0	60.3	54.7	15 300*															12.0	
13.0	55.7	54.1	13 000*	62.0	54.9	16 500*												13.0	
14.0	50.8	53.2	11 300*	57.5	54.2	13 800*	66.5	55.2	20 000*									14.0	
15.0	45.5	52.3	9 900*	52.7	53.5	11 900*	62.2	54.7	16 600*									15.0	
16.0	39.7	51.1	8 700*	47.6	52.6	10 400*	57.7	54.0	13 900*									16.0	
17.0	32.9	49.6	7 800*	42.0	51.5	9 100*	53.0	53.3	12 100*	62.4	54.4	16 800*						17.0	
18.0	24.2	47.5	6 900*	35.6	50.1	8 100*	47.9	52.4	10 500*	57.9	53.7	14 300*						18.0	
19.0				27.8	48.3	7 200*	42.3	51.3	9 300*	53.2	53.0	12 200*						19.0	
20.0							35.9	50.0	8 200*	48.1	52.1	10 600*						20.0	
21.0							28.3	48.2	7 300*	42.5	51.0	9 300*						21.0	
22.0										36.2	49.7	8 300*	54.9	52.5	13 000*			22.0	
23.0													49.9	51.6	11 200*			23.0	
24.0													44.5	50.6	9 800*			24.0	
25.0													38.5	49.4	8 700*			25.0	
26.0													31.5	47.8	7 700*	51.3	50.7	26.0	
27.0													22.3	45.6	6 900*	46.0	49.8	27.0	
28.0																40.2	48.6	28.0	
29.0																33.5	47.2	29.0	
30.0																25.1	45.2	30.0	

Capacities indicated by (b) require 1 180 kg minimum block weight.
Capacities based on structural competence are denoted by an asterisk (*).



Liftcrane Luffing Jib Intermediate Fall 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

**European
Standards**

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

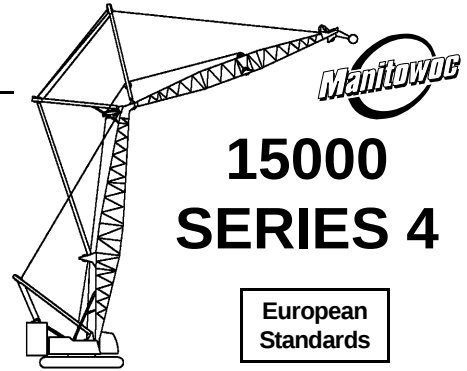
Int. Fall Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Int. Fall Oper. Rad. m
	Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		
		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms	
9.1	67.6	52.8	17 500* ^b	65.1	52.5	16 000*	65.4	52.3	16 500*	60.1	51.4	13 400*	56.3	50.1	11 800*	45.2	47.5	9 000*	9.1
10.0	63.0	52.4	14 800*																10.0
11.0	57.4	51.7	11 800*																11.0
12.0	51.3	51.0	10 000*																12.0
13.0	44.6	49.9	8 500*																13.0
14.0	36.8	48.7	7 400*	47.2	50.2	9 000*	59.9	51.7	12 900*	54.2	50.7	10 900*	43.3	48.3	8 500*	28.0	46.2	7 700*	14.0
15.0	27.0	46.8	6 500*	39.9	49.1	7 800*	54.0	51.0	10 700*										15.0
16.0				31.0	47.5	6 800*	47.6	50.1	9 100*										16.0
17.0							40.3	48.9	7 900*										17.0
18.0							31.6	47.4	6 900*										47.8
19.0										40.6	48.6	8 000*	50.2	49.3	10 000*				19.0
20.0																			20.0
21.0																			21.0
22.0																			22.0
23.0																			23.0
24.0													24.8	44.9	6 400*	45.2	47.5	9 000*	24.0
25.0																			25.0
26.0																			26.0
27.0																			27.0

Capacities indicated by (b) require 1 180 kg minimum block weight.
Capacities based on structural competence are denoted by an asterisk (*).

Liftcrane Luffing Jib Intermediate Fall Capacities

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

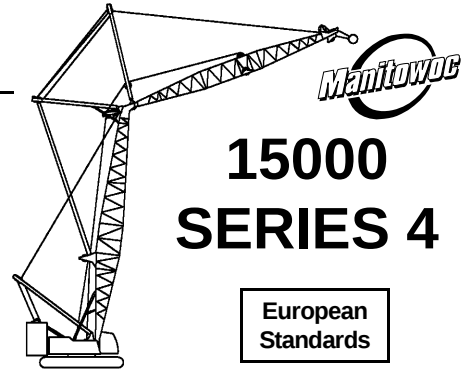
Maximum Operating Wind Speeds (all boom lengths)	
13 m/s with 21.3m thru 33.5m Luffing Jib	
11 m/s with 36.6m thru 42.7m Luffing Jib	
9 m/s with 45.7m thru 51.8m Luffing Jib	
7 m/s with 54.9m thru 67.1m Luffing Jib	
5 m/s with 70.1m and 73.2m Luffing Jib	



39.5m (130 Ft.) Boom, 36.6m (120 Ft.) Luffing Jib

Int. Fall Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Int. Fall Oper. Rad. m					
	Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall							
		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms						
9.1	72.4	56.2	24 300*b																					
10.0	68.9	55.8	20 400*																					
11.0	64.7	55.3	16 300*																70.4	55.9	22 100*			
12.0	60.3	54.7	13 700*																66.3	55.4	17 800*			
13.0	55.7	54.1	11 700*																62.0	54.9	14 500*			
14.0	50.8	53.2	10 100*	57.5	54.2	12 400*	66.5	55.2	18 100*															
15.0	45.5	52.3	8 900*	52.7	53.5	10 700*	62.2	54.7	15 000*															
16.0	39.7	51.1	7 800*	47.6	52.6	9 300*	57.7	54.0	12 600*															
17.0	32.9	49.6	7 000*	42.0	51.5	8 200*	53.0	53.3	10 900*										62.4	54.4	15 100*			
18.0	24.2	47.5	6 200*	35.6	50.1	7 300*	47.9	52.4	9 400*										57.9	53.7	12 900*			
19.0				27.8	48.3	6 500*	42.3	51.3	8 300*	53.2	53.0	11 000*												
20.0							35.9	50.0	7 400*	48.1	52.1	9 600*												
21.0							28.3	48.2	6 600*	42.5	51.0	8 400*												
22.0							36.2	49.7	7 400*	54.9	52.5	11 800*												
23.0																			49.9	51.6	10 100*			
24.0																								
25.0																			44.5	50.6	8 800*			
26.0																			38.5	49.4	7 800*			
27.0																			31.5	47.8	6 900*	51.3	50.7	10 500*
28.0																			22.3	45.6	6 200*	46.0	49.8	9 300*
29.0																								
30.0																			40.2	48.6	8 100*	33.5	47.2	7 200*

Capacities indicated by (b) require 1 180 kg minimum block weight.
Capacities based on structural competence are denoted by an asterisk (*).



Liftcrane Luffing Jib Intermediate Fall 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

**European
Standards**

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

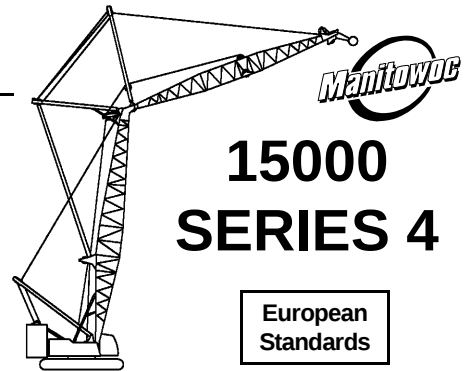
Int. Fall Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Int. Fall Oper. Rad. m
	Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		
		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms	
9.1	75.4	59.3	26 700*																9.1
10.0	72.6	59.1	24 100*																10.0
11.0	69.2	58.7	20 900*																11.0
12.0	65.7	58.2	17 500*																12.0
13.0	62.2	57.7	14 800*	67.1	58.3	18 800*													13.0
14.0	58.5	57.1	12 900*	63.5	57.8	15 800*													14.0
15.0	54.6	56.4	11 300*	59.9	57.2	13 600*													15.0
16.0	50.5	55.5	10 000*	56.1	56.5	11 900*													63.7
17.0	46.2	54.6	8 900*	52.1	55.8	10 500*	60.1	57.0	13 800*										17.0
18.0	41.4	53.5	8 000*	47.8	54.9	9 400*	56.3	56.4	12 100*										18.0
19.0	36.1	52.1	7 200*	43.2	53.8	8 400*	52.3	55.6	10 600*	60.2	56.7	14 100*							19.0
20.0	30.0	50.5	6 500*	38.2	52.6	7 500*	48.1	54.7	9 400*	56.4	56.0	12 200*							20.0
21.0	22.3	48.2	5 900*	32.5	51.0	6 800*	43.5	53.6	8 400*	52.5	55.3	10 800*							21.0
22.0				25.5	49.1	6 100*	38.5	52.4	7 600*	48.2	54.4	9 500*							22.0
23.0							32.8	50.9	6 800*	43.7	53.3	8 500*	57.8	55.5	12 900*				23.0
24.0							25.9	49.0	6 200*	38.7	52.1	7 600*	53.9	54.7	11 400*				24.0
25.0										33.0	50.6	6 900*	49.8	53.9	10 000*				25.0
26.0													45.3	52.9	8 900*				26.0
27.0													40.5	51.8	8 000*	50.9	53.0	10 400*	27.0
28.0													35.1	50.4	7 200*				28.0
29.0													28.8	48.6	6 500*	46.6	52.1	9 200*	29.0
30.0													20.6	46.2	5 900*	41.9	51.0	8 300*	30.0
31.0																36.6	49.7	7 500*	31.0
32.0																30.6	48.1	6 700*	32.0
33.0																23.1	45.9	6 100*	33.0

Capacities indicated by (b) require 1 180 kg minimum block weight.
Capacities based on structural competence are denoted by an asterisk (*).

Liftcrane Luffing Jib Intermediate Fall Capacities

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

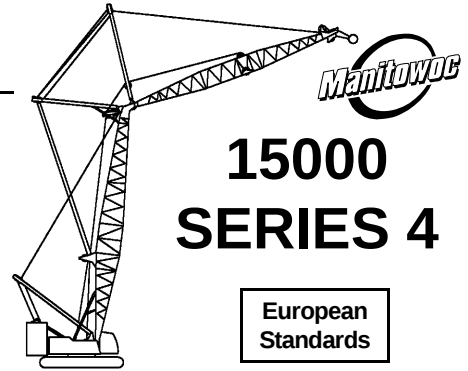
Maximum Operating Wind Speeds (all boom lengths)	
13 m/s with 21.3m thru 33.5m Luffing Jib	
11 m/s with 36.6m thru 42.7m Luffing Jib	
9 m/s with 45.7m thru 51.8m Luffing Jib	
7 m/s with 54.9m thru 67.1m Luffing Jib	
5 m/s with 70.1m and 73.2m Luffing Jib	



39.5m (130 Ft.) Boom, 42.7m (140 Ft.) Luffing Jib

Int. Fall Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Int. Fall Oper. Rad. m
	Jib		Intermediate Fall	Jib		Intermediate Fall	Jib		Intermediate Fall	Jib		Intermediate Fall	Jib		Intermediate Fall	Jib		Intermediate Fall	
	Ang. Deg.	Elev. m		Ang. Deg.	Elev. m		Capacity Kilograms	Ang. Deg.		Elev. m	Capacity Kilograms		Ang. Deg.	Elev. m		Capacity Kilograms	Ang. Deg.		
10.7	73.3	62.1	26 700*																10.7
11.0	72.3	62.0	25 700*																11.0
12.0	69.4	61.6	22 500*																12.0
13.0	66.5	61.1	19 500*	70.5	61.6	23 900*													13.0
14.0	63.5	60.6	16 800*	67.6	61.2	20 600*													14.0
15.0	60.4	60.0	14 800*	64.6	60.7	17 800*													15.0
16.0	57.1	59.4	13 100*	61.5	60.2	15 600*	67.8	61.0	21 000*										16.0
17.0	53.8	58.7	11 700*	58.4	59.6	13 800*	64.8	60.5	18 000*										17.0
18.0	50.3	57.8	10 600*	55.1	58.9	12 300*	61.7	60.0	15 800*										18.0
19.0	46.6	56.9	9 500*	51.6	58.1	11 000*	58.5	59.4	13 900*	64.9	60.2	18 400*							19.0
20.0	42.6	55.8	8 600*	48.0	57.2	9 900*	55.3	58.7	12 400*	61.8	59.7	15 900*							20.0
21.0	38.3	54.6	7 800*	44.1	56.1	9 000*	51.8	57.9	11 100*	58.7	59.0	14 100*							21.0
22.0	33.5	53.1	7 100*	40.0	55.0	8 200*	48.2	57.0	10 000*	55.4	58.4	12 600*							22.0
23.0	27.9	51.3	6 500*	35.4	53.6	7 400*	44.4	56.0	9 100*	52.0	57.6	11 300*							23.0
24.0	20.9	48.9	6 000*	30.1	51.9	6 800*	40.2	54.8	8 200*	48.4	56.7	10 100*							24.0
25.0				23.8	49.8	6 200*	35.6	53.4	7 500*	44.5	55.7	9 200*	56.6	57.8	13 200*				25.0
26.0							30.4	51.8	6 800*	40.4	54.5	8 300*	53.2	57.0	11 800*				26.0
27.0							24.2	49.7	6 300*	35.8	53.2	7 600*	49.6	56.2	10 600*				27.0
28.0										30.6	51.5	6 900*	45.9	55.2	9 500*				28.0
29.0													41.9	54.1	8 700*	54.3	56.2	12 200*	29.0
30.0													37.5	52.8	7 900*	50.6	55.3	11 000*	30.0
31.0													32.6	51.3	7 200*	46.9	54.4	9 900*	31.0
32.0													26.8	49.4	6 600*	43.0	53.3	9 000*	32.0
33.0													19.4	46.9	6 000*	38.7	52.1	8 200*	33.0
34.0																33.9	50.7	7 400*	34.0
35.0																28.4	48.9	6 800*	35.0
36.0																21.6	46.6	6 200*	36.0

Capacities indicated by (b) require 1 180 kg minimum block weight.
Capacities based on structural competence are denoted by an asterisk (*).



Liftcrane Luffing Jib Intermediate Fall 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

**European
Standards**

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

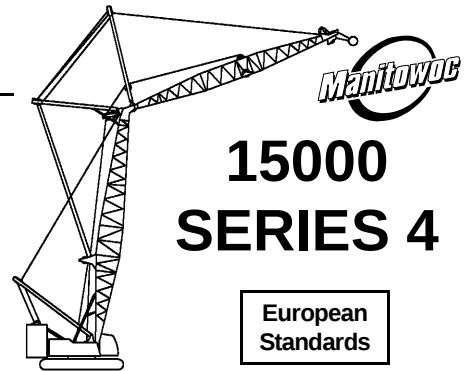
Int. Fall Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Int. Fall Oper. Rad. m
	Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		
		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms	
10.7	75.5	65.3	26 700*															10.7	
11.0	74.6	65.2	26 600*															11.0	
12.0	72.2	64.8	26 400*															12.0	
13.0	69.6	64.4	24 200*															13.0	
14.0	67.1	64.0	20 400*	70.6	64.5	24 800*												14.0	
15.0	64.4	63.5	18 000*	68.0	64.1	21 600*												15.0	
16.0	61.8	63.0	16 000*	65.4	63.6	18 900*												16.0	
17.0	59.0	62.4	14 400*	62.8	63.1	16 800*	68.2	63.9	21 800*									17.0	
18.0	56.1	61.7	12 900*	60.0	62.5	15 000*	65.6	63.4	19 200*									18.0	
19.0	53.2	61.0	11 700*	57.2	61.9	13 500*	62.9	62.9	17 000*									19.0	
20.0	50.1	60.1	10 700*	54.3	61.2	12 200*	60.2	62.3	15 200*	65.7	63.1	19 300*						20.0	
21.0	46.9	59.2	9 800*	51.3	60.4	11 100*	57.4	61.7	13 700*	63.0	62.6	17 200*						21.0	
22.0	43.5	58.2	8 900*	48.1	59.5	10 100*	54.5	61.0	12 300*	60.3	62.0	15 300*						22.0	
23.0	39.8	57.0	8 200*	44.8	58.5	9 300*	51.5	60.2	11 200*	57.5	61.4	13 800*						23.0	
24.0	35.8	55.6	7 500*	41.2	57.3	8 500*	48.3	59.3	10 200*	54.6	60.7	12 500*						24.0	
25.0	31.4	54.0	6 900*	37.4	56.0	7 800*	45.0	58.3	9 400*	51.6	59.9	11 300*	61.3	61.4	16 100*			25.0	
26.0	26.2	52.1	6 400*	33.1	54.5	7 200*	41.4	57.2	8 600*	48.4	59.0	10 300*	58.5	60.8	14 400*			26.0	
27.0	19.8	49.5	6 000*	28.3	52.7	6 600*	37.6	55.9	7 900*	45.1	58.0	9 500*	55.6	60.1	13 000*			27.0	
28.0				22.4	50.5	6 200*	33.4	54.4	7 300*	41.6	56.9	8 700*	52.7	59.4	11 800*			28.0	
29.0							28.6	52.6	6 700*	37.7	55.6	8 000*	49.6	58.5	10 800*			29.0	
30.0							22.8	50.4	6 200*	33.5	54.1	7 400*	46.3	57.5	9 900*			30.0	
31.0										28.8	52.4	6 800*	42.8	56.5	9 100*	53.5	58.5	31.0	
32.0										23.0	50.2	6 300*	39.1	55.3	8 300*	50.4	57.7	32.0	
33.0													35.1	53.9	7 600*	47.2	56.7	33.0	
34.0													30.5	52.2	7 100*	43.8	55.7	34.0	
35.0													25.2	50.2	6 500*	40.2	54.5	35.0	
36.0													18.4	47.5	6 000*	36.2	53.2	36.0	
37.0																31.8	51.6	37.0	
38.0																26.7	49.7	38.0	
39.0																20.4	47.2	39.0	

Capacities indicated by (b) require 1 180 kg minimum block weight.
Capacities based on structural competence are denoted by an asterisk (*).

Liftcrane Luffing Jib Intermediate Fall Capacities

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

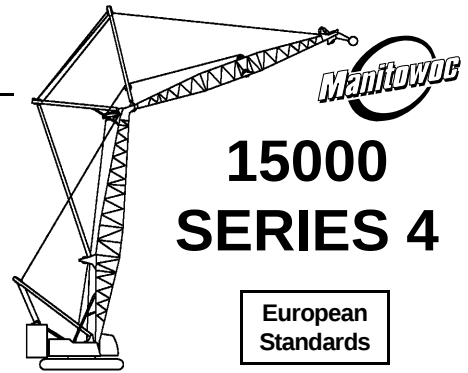
Maximum Operating Wind Speeds (all boom lengths)	
13 m/s with 21.3m thru 33.5m Luffing Jib	
11 m/s with 36.6m thru 42.7m Luffing Jib	
9 m/s with 45.7m thru 51.8m Luffing Jib	
7 m/s with 54.9m thru 67.1m Luffing Jib	
5 m/s with 70.1m and 73.2m Luffing Jib	



39.5m (130 Ft.) Boom, 48.8m (160 Ft.) Luffing Jib

Int. Fall Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Int. Fall Oper. Rad. m
	Jib		Intermediate Fall Capacity Kilograms	Jib		Intermediate Fall Capacity Kilograms	Jib		Intermediate Fall Capacity Kilograms	Jib		Intermediate Fall Capacity Kilograms	Jib		Intermediate Fall Capacity Kilograms	Jib		Intermediate Fall Capacity Kilograms	
	Ang. Deg.	Elev. m		Ang. Deg.	Elev. m		Ang. Deg.	Elev. m		Ang. Deg.	Elev. m		Ang. Deg.	Elev. m		Ang. Deg.	Elev. m		
12.2	73.8	68.0	26 700*															12.2	
13.0	72.0	67.7	26 700*															13.0	
14.0	69.8	67.3	25 900*	72.8	67.7	26 700*												14.0	
15.0	67.5	66.9	23 100*	70.6	67.4	26 600*												15.0	
16.0	65.2	66.4	20 600*	68.4	67.0	24 900*												16.0	
17.0	62.8	65.9	18 500*	66.1	66.5	21 500*												17.0	
18.0	60.4	65.4	16 700*	63.7	66.0	19 300*												18.0	
19.0	57.9	64.7	15 200*	61.3	65.5	17 400*	66.2	66.3	21 900*									19.0	
20.0	55.4	64.0	13 900*	58.9	64.9	15 800*	63.8	65.8	19 500*									20.0	
21.0	52.7	63.3	12 700*	56.3	64.2	14 400*	61.4	65.3	17 600*									21.0	
22.0	50.0	62.4	11 700*	53.7	63.5	13 200*	59.0	64.7	16 000*	63.9	65.5	19 700*						22.0	
23.0	47.1	61.5	10 800*	51.0	62.7	12 100*	56.5	64.0	14 600*	61.5	65.0	17 800*						23.0	
24.0	44.1	60.5	9 900*	48.2	61.8	11 100*	53.9	63.3	13 400*	59.1	64.4	16 100*						24.0	
25.0	40.9	59.3	9 200*	45.3	60.8	10 300*	51.2	62.5	12 300*	56.6	63.7	14 700*						25.0	
26.0	37.5	58.1	8 500*	42.2	59.7	9 500*	48.4	61.6	11 300*	54.0	63.0	13 500*	62.4	64.4	18 500*			26.0	
27.0	33.8	56.6	7 900*	38.8	58.5	8 800*	45.4	60.6	10 400*	51.3	62.2	12 400*	60.0	63.8	16 800*			27.0	
28.0	29.7	54.9	7 300*	35.3	57.1	8 200*	42.3	59.5	9 600*	48.5	61.3	11 400*	57.5	63.1	15 300*			28.0	
29.0	24.9	52.8	6 800*	31.3	55.5	7 600*	39.0	58.3	8 900*	45.6	60.3	10 500*	54.9	62.4	14 000*			29.0	
30.0	18.9	50.2	6 400*	26.8	53.6	7 000*	35.5	56.9	8 300*	42.5	59.2	9 700*	52.3	61.7	12 800*			30.0	
31.0				21.3	51.2	6 600*	31.5	55.3	7 700*	39.2	58.0	9 000*	49.5	60.8	11 800*			31.0	
32.0				13.8	47.7	6 100*	27.0	53.4	7 200*	35.6	56.6	8 300*	46.6	59.9	10 900*	55.6	61.5	14 400*	
33.0							21.7	51.1	6 700*	31.7	55.0	7 800*	43.6	58.8	10 100*	53.0	60.8	13 200*	
34.0										27.2	53.2	7 200*	40.4	57.7	9 400*	50.2	60.0	12 200*	
35.0										21.9	50.8	6 700*	36.9	56.3	8 700*	47.4	59.0	11 200*	
36.0													33.1	54.8	8 100*	44.4	58.0	10 400*	
37.0													28.9	53.1	7 500*	41.2	56.9	9 600*	
38.0													23.9	50.9	7 000*	37.9	55.6	8 900*	
39.0													17.6	48.1	6 500*	34.2	54.2	8 300*	
40.0																30.1	52.5	7 700*	
42.0																19.5	47.9	6 700*	

Capacities indicated by (b) require 1 180 kg minimum block weight.
Capacities based on structural competence are denoted by an asterisk (*).



Liftcrane Luffing Jib Intermediate Fall 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

Int. Fall Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Int. Fall Oper. Rad. m
	Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall		
		Ang. Deg.	Elev. m		Capacity Kilograms	Ang. Deg.		Elev. m	Capacity Kilograms		Ang. Deg.	Elev. m		Capacity Kilograms	Ang. Deg.		Elev. m	Capacity Kilograms	
10.7	75.5	65.3	26 700*															10.7	
11.0	74.6	65.2	26 200*															11.0	
12.0	72.2	64.8	24 700*															12.0	
13.0	69.6	64.4	22 100*															13.0	
14.0	67.1	64.0	18 900*	70.6	64.5	23 000*												14.0	
15.0	64.4	63.5	16 600*	68.0	64.1	20 000*												15.0	
16.0	61.8	63.0	14 800*	65.4	63.6	17 500*												16.0	
17.0	59.0	62.4	13 300*	62.8	63.1	15 500*	68.2	63.9	20 200*									17.0	
18.0	56.1	61.7	12 000*	60.0	62.5	13 900*	65.6	63.4	17 800*									18.0	
19.0	53.2	61.0	10 900*	57.2	61.9	12 500*	62.9	62.9	15 700*									19.0	
20.0	50.1	60.1	9 900*	54.3	61.2	11 300*	60.2	62.3	14 000*	65.7	63.1	17 900*						20.0	
21.0	46.9	59.2	9 000*	51.3	60.4	10 300*	57.4	61.7	12 600*	63.0	62.6	15 900*						21.0	
22.0	43.5	58.2	8 200*	48.1	59.5	9 400*	54.5	61.0	11 400*	60.3	62.0	14 100*						22.0	
23.0	39.8	57.0	7 600*	44.8	58.5	8 600*	51.5	60.2	10 400*	57.5	61.4	12 700*						23.0	
24.0	35.8	55.6	7 000*	41.2	57.3	7 900*	48.3	59.3	9 500*	54.6	60.7	11 500*						24.0	
25.0	31.4	54.0	6 400*	37.4	56.0	7 200*	45.0	58.3	8 700*	51.6	59.9	10 500*	61.3	61.4	14 900*			25.0	
26.0	26.2	52.1	5 900*	33.1	54.5	6 700*	41.4	57.2	8 000*	48.4	59.0	9 600*	58.5	60.8	13 300*			26.0	
27.0	19.8	49.5	5 500*	28.3	52.7	6 100*	37.6	55.9	7 300*	45.1	58.0	8 800*	55.6	60.1	12 000*			27.0	
28.0				22.4	50.5	5 700*	33.4	54.4	6 700*	41.6	56.9	8 000*	52.7	59.4	11 000*			28.0	
29.0							28.6	52.6	6 200*	37.7	55.6	7 400*	49.6	58.5	10 000*			29.0	
30.0							22.8	50.4	5 700*	33.5	54.1	6 800*	46.3	57.5	9 100*			30.0	
31.0										28.8	52.4	6 300*	42.8	56.5	8 400*	53.5	58.5	11 300*	31.0
32.0										23.0	50.2	5 800*	39.1	55.3	7 700*	50.4	57.7	10 300*	32.0
33.0													35.1	53.9	7 100*	47.2	56.7	9 400*	33.0
34.0													30.5	52.2	6 500*	43.8	55.7	8 600*	34.0
35.0													25.2	50.2	6 000*	40.2	54.5	7 900*	35.0
36.0													18.4	47.5	5 500*	36.2	53.2	7 300*	36.0
37.0																31.8	51.6	6 700*	37.0
38.0																26.7	49.7	6 200*	38.0
39.0																20.4	47.2	5 700*	39.0

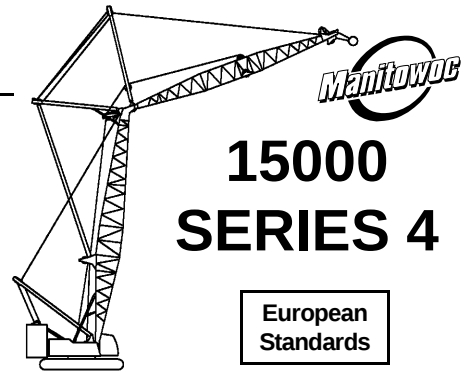
Capacities indicated by (b) require 1 180 kg minimum block weight.
Capacities based on structural competence are denoted by an asterisk (*).

Liftcrane Luffing Jib Intermediate Fall 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)

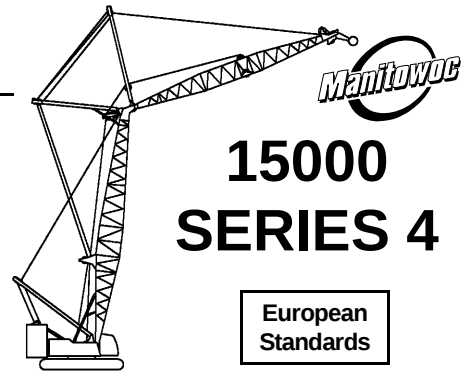
13 m/s with 21.3m thru 33.5m Luffing Jib
11 m/s with 36.6m thru 42.7m Luffing Jib
9 m/s with 45.7m thru 51.8m Luffing Jib
7 m/s with 54.9m thru 67.1m Luffing Jib
5 m/s with 70.1m and 73.2m Luffing Jib



39.5m (130 Ft.) Boom, 54.9m (180 Ft.) Luffing Jib

Int. Fall Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			Int. Fall Oper. Rad. m
	Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		
		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms	
12.2	73.8	68.0	26 700*													12.2
13.0	72.0	67.7	25 700*													13.0
14.0	69.8	67.3	24 200*	72.8	67.7	26 300*										14.0
15.0	67.5	66.9	21 400*	70.6	67.4	24 800*										15.0
16.0	65.2	66.4	18 900*	68.4	67.0	22 600*										16.0
17.0	62.8	65.9	17 000*	66.1	66.5	19 800*										17.0
18.0	60.4	65.4	15 300*	63.7	66.0	17 700*										18.0
19.0	57.9	64.7	13 900*	61.3	65.5	16 000*	66.2	66.3	20 100*							19.0
20.0	55.4	64.0	12 700*	58.9	64.9	14 500*	63.8	65.8	17 900*							20.0
21.0	52.7	63.3	11 600*	56.3	64.2	13 200*	61.4	65.3	16 200*							21.0
22.0	50.0	62.4	10 700*	53.7	63.5	12 100*	59.0	64.7	14 700*	63.9	65.5	18 200*				22.0
23.0	47.1	61.5	9 900*	51.0	62.7	11 100*	56.5	64.0	13 400*	61.5	65.0	16 300*				23.0
24.0	44.1	60.5	9 100*	48.2	61.8	10 200*	53.9	63.3	12 200*	59.1	64.4	14 800*				24.0
25.0	40.9	59.3	8 400*	45.3	60.8	9 400*	51.2	62.5	11 200*	56.6	63.7	13 500*				25.0
26.0	37.5	58.1	7 800*	42.2	59.7	8 700*	48.4	61.6	10 300*	54.0	63.0	12 400*	62.4	64.4	17 000*	26.0
27.0	33.8	56.6	7 200*	38.8	58.5	8 000*	45.4	60.6	9 500*	51.3	62.2	11 400*	60.0	63.8	15 500*	27.0
28.0	29.7	54.9	6 700*	35.3	57.1	7 500*	42.3	59.5	8 800*	48.5	61.3	10 500*	57.5	63.1	14 000*	28.0
29.0	24.9	52.8	6 200*	31.3	55.5	6 900*	39.0	58.3	8 200*	45.6	60.3	9 700*	54.9	62.4	12 900*	29.0
30.0	18.9	50.2	5 800*	26.8	53.6	6 400*	35.5	56.9	7 600*	42.5	59.2	8 900*	52.3	61.7	11 800*	30.0
31.0				21.3	51.2	6 000*	31.5	55.3	7 000*	39.2	58.0	8 300*	49.5	60.8	10 900*	31.0
32.0				13.8	47.7	5 600*	27.0	53.4	6 500*	35.6	56.6	7 700*	46.6	59.9	10 000*	32.0
33.0							21.7	51.1	6 100*	31.7	55.0	7 100*	43.6	58.8	9 300*	33.0
34.0										27.2	53.2	6 600*	40.4	57.7	8 600*	34.0
35.0										21.9	50.8	6 100*	36.9	56.3	8 000*	35.0
36.0													33.1	54.8	7 400*	36.0
37.0													28.9	53.1	6 900*	37.0
38.0													23.9	50.9	6 400*	38.0
39.0													17.6	48.1	5 900*	39.0

Capacities indicated by (b) require 1 180 kg minimum block weight.
Capacities based on structural competence are denoted by an asterisk (*).



15000 SERIES 4

European
Standards

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, 57.9m (190 Ft.) Luffing Jib

Int. Fall Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			Int. Fall Oper. Rad. m
	Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		
		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms	
10.7	75.5	65.3	26 700*													10.7
11.0	74.6	65.2	25 800*													11.0
12.0	72.2	64.8	23 100*													12.0
13.0	69.6	64.4	20 300*													13.0
14.0	67.1	64.0	17 500*	70.6	64.5	21 300*										14.0
15.0	64.4	63.5	15 400*	68.0	64.1	18 500*										15.0
16.0	61.8	63.0	13 700*	65.4	63.6	16 200*										16.0
17.0	59.0	62.4	12 300*	62.8	63.1	14 400*	68.2	63.9	18 700*							17.0
18.0	56.1	61.7	11 100*	60.0	62.5	12 800*	65.6	63.4	16 500*							18.0
19.0	53.2	61.0	10 100*	57.2	61.9	11 600*	62.9	62.9	14 500*							19.0
20.0	50.1	60.1	9 100*	54.3	61.2	10 500*	60.2	62.3	13 000*	65.7	63.1	16 600*				20.0
21.0	46.9	59.2	8 300*	51.3	60.4	9 500*	57.4	61.7	11 700*	63.0	62.6	14 800*				21.0
22.0	43.5	58.2	7 600*	48.1	59.5	8 700*	54.5	61.0	10 600*	60.3	62.0	13 100*				22.0
23.0	39.8	57.0	7 000*	44.8	58.5	7 900*	51.5	60.2	9 600*	57.5	61.4	11 800*				23.0
24.0	35.8	55.6	6 400*	41.2	57.3	7 300*	48.3	59.3	8 800*	54.6	60.7	10 700*				24.0
25.0	31.4	54.0	5 900*	37.4	56.0	6 700*	45.0	58.3	8 000*	51.6	59.9	9 700*	61.3	61.4	13 800*	25.0
26.0	26.2	52.1	5 400*	33.1	54.5	6 100*	41.4	57.2	7 300*	48.4	59.0	8 900*	58.5	60.8	12 300*	26.0
27.0	19.8	49.5	5 000*	28.3	52.7	5 600*	37.6	55.9	6 700*	45.1	58.0	8 100*	55.6	60.1	11 200*	27.0
28.0				22.4	50.5	5 200*	33.4	54.4	6 200*	41.6	56.9	7 400*	52.7	59.4	10 100*	28.0
29.0							28.6	52.6	5 700*	37.7	55.6	6 800*	49.6	58.5	9 300*	29.0
30.0							22.8	50.4	5 300*	33.5	54.1	6 300*	46.3	57.5	8 500*	30.0
31.0										28.8	52.4	5 800*	42.8	56.5	7 800*	31.0
32.0										23.0	50.2	5 300*	39.1	55.3	7 100*	32.0
33.0													35.1	53.9	6 500*	33.0
34.0													30.5	52.2	6 000*	34.0
35.0													25.2	50.2	5 600*	35.0
36.0													18.4	47.5	5 100*	36.0

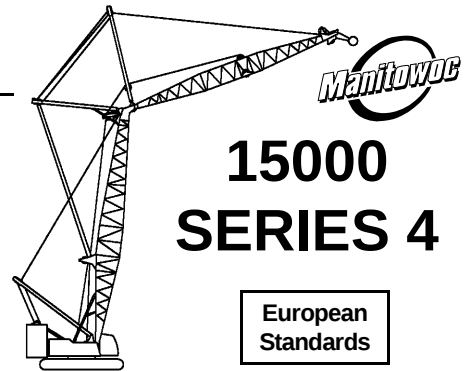
Capacities indicated by (b) require 1 180 kg minimum block weight.
Capacities based on structural competence are denoted by an asterisk (*).

Liftcrane Luffing Jib Intermediate Fall 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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39.5m (130 Ft.) Boom, 61.0m (200 Ft.) Luffing Jib

Int. Fall Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			Int. Fall Oper. Rad. m
	Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall		
		Ang. Deg.	Elev. m		Capacity Kilograms	Ang. Deg.		Elev. m	Capacity Kilograms		Ang. Deg.	Elev. m		Capacity Kilograms	Ang. Deg.	
12.2	73.8	68.0	26 700*													12.2
13.0	72.0	67.7	24 700*													13.0
14.0	69.8	67.3	22 200*	72.8	67.7	25 900*										14.0
15.0	67.5	66.9	19 600*	70.6	67.4	23 200*										15.0
16.0	65.2	66.4	17 400*	68.4	67.0	20 600*										16.0
17.0	62.8	65.9	15 700*	66.1	66.5	18 200*										17.0
18.0	60.4	65.4	14 100*	63.7	66.0	16 300*										18.0
19.0	57.9	64.7	12 800*	61.3	65.5	14 700*	66.2	66.3	18 500*							19.0
20.0	55.4	64.0	11 700*	58.9	64.9	13 400*	63.8	65.8	16 500*							20.0
21.0	52.7	63.3	10 700*	56.3	64.2	12 100*	61.4	65.3	14 900*							21.0
22.0	50.0	62.4	9 800*	53.7	63.5	11 100*	59.0	64.7	13 500*	63.9	65.5	16 700*				22.0
23.0	47.1	61.5	9 000*	51.0	62.7	10 200*	56.5	64.0	12 300*	61.5	65.0	15 000*				23.0
24.0	44.1	60.5	8 300*	48.2	61.8	9 400*	53.9	63.3	11 200*	59.1	64.4	13 600*				24.0
25.0	40.9	59.3	7 700*	45.3	60.8	8 600*	51.2	62.5	10 300*	56.6	63.7	12 400*				25.0
26.0	37.5	58.1	7 100*	42.2	59.7	8 000*	48.4	61.6	9 500*	54.0	63.0	11 400*	62.4	64.4	15 700*	26.0
27.0	33.8	56.6	6 600*	38.8	58.5	7 400*	45.4	60.6	8 800*	51.3	62.2	10 400*	60.0	63.8	14 300*	27.0
28.0	29.7	54.9	6 100*	35.3	57.1	6 800*	42.3	59.5	8 100*	48.5	61.3	9 600*	57.5	63.1	12 900*	28.0
29.0	24.9	52.8	5 700*	31.3	55.5	6 300*	39.0	58.3	7 500*	45.6	60.3	8 900*	54.9	62.4	11 800*	29.0
30.0	18.9	50.2	5 300*	26.8	53.6	5 900*	35.5	56.9	7 000*	42.5	59.2	8 200*	52.3	61.7	10 900*	30.0
31.0				21.3	51.2	5 500*	31.5	55.3	6 500*	39.2	58.0	7 600*	49.5	60.8	10 000*	31.0
32.0				13.8	47.7	5 100*	27.0	53.4	6 000*	35.6	56.6	7 000*	46.6	59.9	9 200*	32.0
33.0							21.7	51.1	5 600*	31.7	55.0	6 500*	43.6	58.8	8 500*	33.0
34.0										27.2	53.2	6 000*	40.4	57.7	7 900*	34.0
35.0										21.9	50.8	5 600*	36.9	56.3	7 300*	35.0
36.0													33.1	54.8	6 800*	36.0
37.0													28.9	53.1	6 300*	37.0
38.0													23.9	50.9	5 800*	38.0
39.0													17.6	48.1	5 400*	39.0

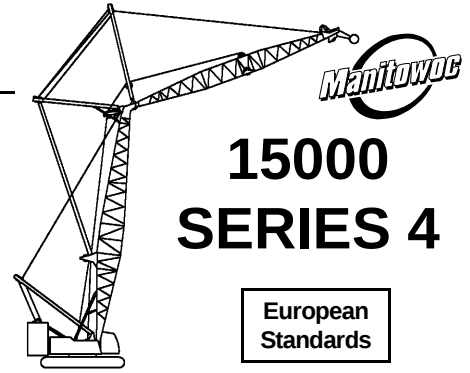
Capacities indicated by (b) require 1 180 kg minimum block weight.
Capacities based on structural competence are denoted by an asterisk (*).

Liftcrane Luffing Jib Intermediate Fall 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

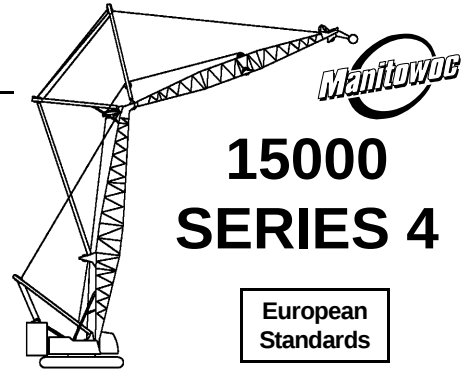
Int. Fall Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			Int. Fall Oper. Rad. m
	Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall		
		Ang. Deg.	Elev. m		Capacity Kilograms	Ang. Deg.		Elev. m	Capacity Kilograms		Ang. Deg.	Elev. m	
12.2	75.5	71.2	26 700*										12.2
13.0	73.9	70.9	26 100*										13.0
14.0	71.9	70.6	25 100*										14.0
15.0	69.9	70.2	22 700*										15.0
16.0	67.8	69.8	20 300*	70.6	70.3	23 500*							16.0
17.0	65.8	69.3	18 300*	68.6	69.9	21 200*							17.0
18.0	63.7	68.8	16 500*	66.5	69.4	19 100*							18.0
19.0	61.5	68.3	15 100*	64.5	68.9	17 200*	68.7	69.7	21 400*				19.0
20.0	59.3	67.7	13 800*	62.3	68.4	15 700*	66.7	69.2	19 300*				20.0
21.0	57.1	67.1	12 600*	60.1	67.8	14 300*	64.6	68.7	17 400*				21.0
22.0	54.7	66.3	11 600*	57.9	67.2	13 100*	62.4	68.2	15 800*				22.0
23.0	52.4	65.6	10 700*	55.6	66.5	12 100*	60.3	67.6	14 500*	64.7	68.4	17 600*	23.0
24.0	49.9	64.7	9 900*	53.3	65.8	11 100*	58.0	67.0	13 300*	62.5	67.9	16 000*	24.0
25.0	47.3	63.8	9 200*	50.8	65.0	10 300*	55.7	66.3	12 200*	60.3	67.3	14 600*	25.0
26.0	44.7	62.8	8 500*	48.3	64.1	9 500*	53.4	65.6	11 300*	58.1	66.7	13 400*	26.0
27.0	41.8	61.7	7 900*	45.7	63.1	8 800*	51.0	64.8	10 400*	55.8	66.0	12 300*	27.0
28.0	38.8	60.5	7 400*	42.9	62.0	8 200*	48.4	63.9	9 600*	53.5	65.3	11 400*	28.0
29.0	35.6	59.1	6 900*	40.0	60.8	7 600*	45.8	62.9	8 900*	51.1	64.5	10 500*	29.0
30.0	32.1	57.5	6 400*	36.9	59.5	7 100*	43.1	61.9	8 300*	48.5	63.6	9 800*	30.0
31.0	28.2	55.7	5 900*	33.5	58.0	6 600*	40.2	60.7	7 700*	45.9	62.6	9 100*	31.0
32.0	23.7	53.6	5 600*	29.8	56.3	6 200*	37.0	59.4	7 200*	43.2	61.6	8 400*	32.0
33.0	18.1	50.8	5 200*	25.5	54.3	5 800*	33.7	57.9	6 700*	40.3	60.4	7 900*	33.0
34.0				20.4	51.8	5 400*	30.0	56.2	6 300*	37.2	59.1	7 300*	34.0
35.0				13.5	48.3	5 000*	25.8	54.2	5 900*	33.8	57.6	6 800*	35.0
36.0							20.7	51.7	5 500*	30.1	55.9	6 400*	36.0
37.0										25.9	54.0	5 900*	37.0
38.0										21.0	51.5	5 600*	38.0

Capacities indicated by (b) require 1 180 kg minimum block weight.
Capacities based on structural competence are denoted by an asterisk (*).

Liftcrane Luffing Jib Intermediate Fall 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, 67.1m (220 Ft.) Luffing Jib

Int. Fall Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			Int. Fall Oper. Rad. m
	Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		
		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms	
13.7	74.1	73.9	24 900*										13.7
14.0	73.6	73.8	24 200*										14.0
15.0	71.8	73.5	21 800*										15.0
16.0	70.0	73.1	19 800*	72.5	73.5	22 700*							16.0
17.0	68.1	72.7	18 000*	70.7	73.1	20 500*							17.0
18.0	66.2	72.2	16 500*	68.8	72.7	18 600*							18.0
19.0	64.3	71.8	15 200*	66.9	72.3	17 100*							19.0
20.0	62.4	71.2	14 000*	65.1	71.8	15 700*	68.9	72.5	18 800*				20.0
21.0	60.4	70.7	12 900*	63.1	71.3	14 400*	67.0	72.1	17 200*				21.0
22.0	58.4	70.1	12 000*	61.2	70.8	13 300*	65.2	71.7	15 800*				22.0
23.0	56.3	69.4	11 000*	59.2	70.2	12 300*	63.2	71.1	14 500*	67.1	71.8	17 300*	23.0
24.0	54.2	68.7	10 100*	57.1	69.5	11 400*	61.3	70.6	13 400*	65.2	71.3	15 900*	24.0
25.0	52.1	67.9	9 300*	55.0	68.8	10 600*	59.3	70.0	12 400*	63.3	70.8	14 600*	25.0
26.0	49.8	67.0	8 600*	52.9	68.1	9 700*	57.2	69.3	11 500*	61.4	70.3	13 500*	26.0
27.0	47.5	66.1	7 900*	50.7	67.3	9 000*	55.1	68.7	10 700*	59.4	69.7	12 500*	27.0
28.0	45.1	65.1	7 300*	48.4	66.4	8 300*	53.0	67.9	9 900*	57.3	69.0	11 600*	28.0
29.0	42.5	64.0	6 800*	46.0	65.4	7 600*	50.8	67.1	9 100*	55.2	68.3	10 800*	29.0
30.0	39.9	62.8	6 300*	43.5	64.4	7 100*	48.5	66.2	8 400*	53.1	67.6	10 000*	30.0
31.0	37.1	61.5	5 800*	40.9	63.2	6 500*	46.1	65.2	7 700*	50.9	66.8	9 200*	31.0
32.0	34.0	60.1	5 300*	38.1	62.0	6 000*	43.6	64.2	7 200*	48.6	65.9	8 500*	32.0
33.0	30.7	58.4	5 000*	35.2	60.6	5 600*	41.0	63.0	6 600*	46.2	64.9	7 900*	33.0
34.0	27.0	56.5	4 600*	32.0	59.0	5 200*	38.3	61.8	6 200*	43.7	63.9	7 300*	34.0
35.0	22.8	54.3	4 300*	28.5	57.2	4 800*	35.4	60.4	5 700*	41.1	62.8	6 700*	35.0
36.0	17.5	51.4	3 900*	24.5	55.1	4 400*	32.2	58.8	5 300*	38.4	61.5	6 200*	36.0
37.0				19.7	52.5	4 100*	28.7	57.1	4 900*	35.5	60.1	5 800*	37.0
38.0				13.2	48.8	3 800*	24.7	55.0	4 500*	32.3	58.6	5 300*	38.0
39.0							20.0	52.4	4 200*	28.8	56.8	5 000*	39.0
40.0										24.9	54.7	4 600*	40.0

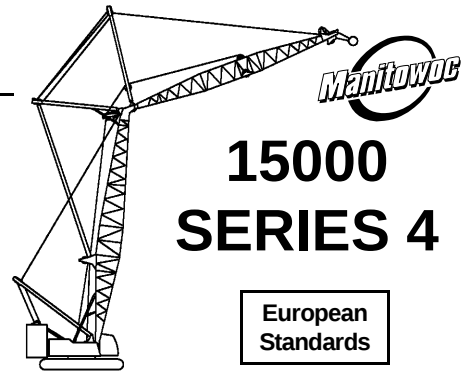
Capacities indicated by (b) require 1 180 kg minimum block weight.
Capacities based on structural competence are denoted by an asterisk (*).

Liftcrane Luffing Jib Intermediate Fall 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, 70.1m (230 Ft.) Luffing Jib

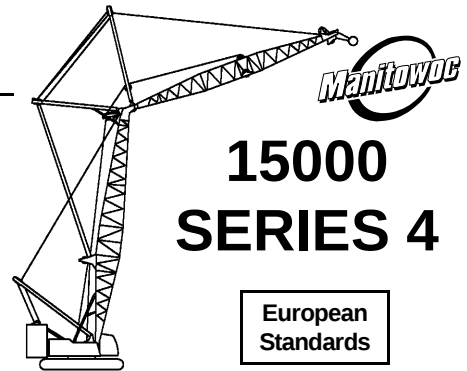
Int. Fall Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			Int. Fall Oper. Rad. m
	Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall		
		Ang. Deg.	Elev. m		Capacity Kilograms	Ang. Deg.		Elev. m	Capacity Kilograms		Ang. Deg.	Elev. m	
13.7	75.5	77.1	26 700*										13.7
14.0	75.0	77.0	26 000*										14.0
15.0	73.4	76.7	23 700*										15.0
16.0	71.7	76.3	21 500*										16.0
17.0	70.0	76.0	19 800*	72.3	76.4	22 400*							17.0
18.0	68.3	75.6	18 200*	70.7	76.0	20 500*							18.0
19.0	66.6	75.1	16 800*	69.0	75.6	18 800*							19.0
20.0	64.9	74.7	15 600*	67.3	75.2	17 300*							20.0
21.0	63.1	74.2	14 400*	65.6	74.8	16 000*							21.0
22.0	61.3	73.6	13 400*	63.8	74.3	14 900*	67.4	75.0	17 500*				22.0
23.0	59.5	73.0	12 500*	62.0	73.7	13 800*	65.6	74.6	16 100*				23.0
24.0	57.7	72.4	11 700*	60.2	73.2	12 900*	63.9	74.1	15 000*				24.0
25.0	55.7	71.7	11 000*	58.4	72.5	12 000*	62.1	73.5	13 900*	65.7	74.2	16 200*	25.0
26.0	53.8	71.0	10 200*	56.5	71.9	11 300*	60.3	72.9	13 000*	64.0	73.7	15 000*	26.0
27.0	51.8	70.2	9 500*	54.5	71.2	10 500*	58.5	72.3	12 100*	62.2	73.2	14 000*	27.0
28.0	49.7	69.3	8 800*	52.6	70.4	9 900*	56.6	71.7	11 300*	60.4	72.6	13 000*	28.0
29.0	47.6	68.4	8 200*	50.5	69.6	9 200*	54.6	71.0	10 600*	58.5	72.0	12 200*	29.0
30.0	45.4	67.4	7 700*	48.4	68.7	8 500*	52.7	70.2	10 000*	56.6	71.4	11 400*	30.0
31.0	43.1	66.4	7 100*	46.2	67.7	7 900*	50.6	69.4	9 300*	54.7	70.7	10 600*	31.0
32.0	40.7	65.2	6 600*	44.0	66.7	7 400*	48.5	68.5	8 700*	52.7	69.9	10 000*	32.0
33.0	38.2	64.0	6 200*	41.6	65.6	6 900*	46.4	67.5	8 100*	50.7	69.1	9 400*	33.0
34.0	35.5	62.6	5 700*	39.2	64.3	6 400*	44.1	66.5	7 500*	48.6	68.2	8 800*	34.0
35.0	32.6	61.0	5 400*	36.5	63.0	6 000*	41.8	65.4	7 000*	46.5	67.2	8 200*	35.0
36.0	29.5	59.3	5 000*	33.7	61.5	5 600*	39.3	64.2	6 500*	44.2	66.2	7 600*	36.0
37.0	26.0	57.3	4 700*	30.7	59.9	5 200*	36.7	62.9	6 100*	41.9	65.1	7 100*	37.0
38.0	22.0	55.0	4 300*	27.4	58.0	4 800*	33.9	61.4	5 700*	39.4	63.9	6 700*	38.0
39.0	17.0	52.0	3 400*	23.6	55.8	4 500*	30.9	59.7	5 300*	36.8	62.6	6 200*	39.0
40.0				19.0	53.1	4 000*	27.5	57.9	4 900*	34.0	61.1	5 800*	40.0
42.0							19.3	53.0	4 300*	27.7	57.6	5 000*	42.0
44.0										19.5	52.8	4 400*	44.0

Capacities indicated by (b) require 1 180 kg minimum block weight.
Capacities based on structural competence are denoted by an asterisk (*).

Liftcrane Luffing Jib Intermediate Fall 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, 73.2m (240 Ft.) Luffing Jib

Int. Fall Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			Int. Fall Oper. Rad. m
	Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall		
		Ang. Deg.	Elev. m		Capacity Kilograms	Ang. Deg.		Elev. m	Capacity Kilograms		Ang. Deg.	Elev. m	
15.2	74.3	79.8	22 200*										15.2
16.0	73.2	79.6	20 800*										16.0
17.0	71.6	79.2	19 000*										17.0
18.0	70.1	78.9	17 400*										18.0
19.0	68.5	78.5	16 000*	70.7	78.9	18 100*							19.0
20.0	67.0	78.0	14 800*	69.1	78.5	16 600*							20.0
21.0	65.4	77.6	13 700*	67.6	78.1	15 300*							21.0
22.0	63.7	77.1	12 700*	66.0	77.7	14 100*	69.2	78.3	16 700*				22.0
23.0	62.1	76.5	11 800*	64.4	77.2	13 100*	67.6	77.9	15 400*				23.0
24.0	60.4	76.0	11 000*	62.7	76.7	12 200*	66.1	77.4	14 200*				24.0
25.0	58.7	75.4	10 200*	61.1	76.1	11 300*	64.4	77.0	13 200*				25.0
26.0	57.0	74.7	9 500*	59.4	75.5	10 500*	62.8	76.4	12 200*	66.1	77.1	14 300*	26.0
27.0	55.2	74.0	8 900*	57.7	74.9	9 800*	61.2	75.9	11 400*	64.5	76.6	13 200*	27.0
28.0	53.4	73.3	8 300*	55.9	74.2	9 100*	59.5	75.3	10 600*	62.9	76.1	12 300*	28.0
29.0	51.6	72.5	7 700*	54.1	73.5	8 500*	57.8	74.7	9 900*	61.2	75.6	11 400*	29.0
30.0	49.7	71.6	7 200*	52.3	72.7	8 000*	56.0	74.0	9 200*	59.5	75.0	10 600*	30.0
31.0	47.7	70.7	6 800*	50.4	71.9	7 400*	54.2	73.3	8 600*	57.8	74.3	9 900*	31.0
32.0	45.7	69.7	6 300*	48.5	71.0	7 000*	52.4	72.5	8 000*	56.1	73.7	9 300*	32.0
33.0	43.6	68.7	5 900*	46.5	70.0	6 500*	50.5	71.7	7 500*	54.3	73.0	8 600*	33.0
34.0	41.4	67.6	5 500*	44.4	69.0	6 100*	48.6	70.8	7 000*	52.5	72.2	8 100*	34.0
35.0	39.1	66.4	5 100*	42.2	67.9	5 700*	46.6	69.8	6 600*	50.6	71.4	7 600*	35.0
36.0	36.7	65.0	4 800*	40.0	66.7	5 300*	44.5	68.8	6 100*	48.7	70.5	7 100*	36.0
37.0	34.2	63.6	4 500*	37.6	65.4	5 000*	42.4	67.7	5 700*	46.7	69.6	6 600*	37.0
38.0	31.4	62.0	4 100*	35.1	64.0	4 700*	40.1	66.6	5 300*	44.6	68.5	6 200*	38.0
39.0	28.4	60.2	3 800*	32.5	62.5	4 300*	37.8	65.3	5 000*	42.5	67.4	5 800*	39.0
40.0	25.1	58.1	3 500*	29.6	60.8	4 000*	35.3	63.9	4 700*	40.2	66.3	5 400*	40.0
42.0				22.8	56.5	3 400*	29.7	60.6	4 000*	35.4	63.6	4 700*	42.0
44.0							23.0	56.4	3 500*	29.9	60.4	4 100*	44.0
46.0										23.1	56.2	3 500*	46.0

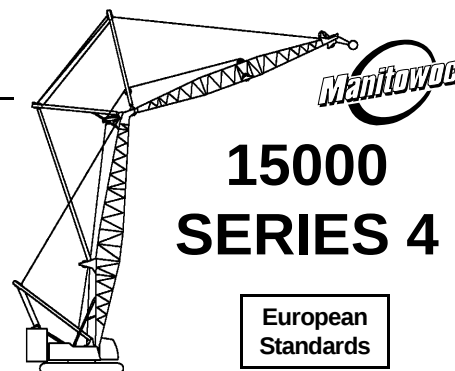
Capacities indicated by (b) require 1 180 kg minimum block weight.
Capacities based on structural competence are denoted by an asterisk (*).

Liftcrane Luffing Jib Intermediate Fall 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

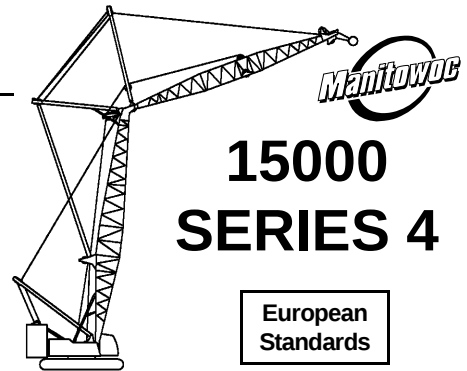
Int. Fall Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Int. Fall Oper. Rad. m
	Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		
		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms	
12.2	50.7	53.9	14 200*															12.2	
13.0	45.3	53.1	12 700*															13.0	
14.0	37.7	51.8	11 000*	48.6	53.5	13 700*												14.0	
15.0	28.2	50.1	9 600*	41.5	52.3	11 900*												15.0	
16.0				33.1	50.9	10 300*	50.0	53.4	14 300* b									16.0	
17.0							43.1	52.4	12 200*	57.3	54.0	17 500* b						17.0	
18.0							35.0	51.0	10 600*	51.2	53.2	14 800*						18.0	
19.0										44.5	52.2	12 600*						19.0	
20.0										36.7	50.9	11 000*						20.0	
21.0										26.9	49.1	9 600*						21.0	
22.0													48.7	52.0	14 100*			22.0	
23.0													41.6	50.9	12 000*			23.0	
24.0													33.2	49.4	10 500*			24.0	
25.0																52.0	51.3	25.0	
26.0																45.4	50.3	26.0	
27.0																37.8	49.1	27.0	

Capacities indicated by (b) require 1 180 kg minimum block weight.
Capacities based on structural competence are denoted by an asterisk (*).

Liftcrane Luffing Jib Intermediate Fall Capacities

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

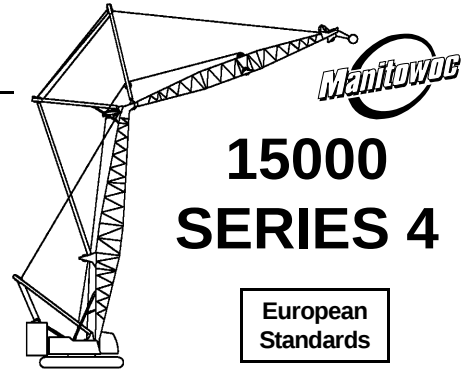
Maximum Operating Wind Speeds (all boom lengths)	
13 m/s with 21.3m thru 33.5m Luffing Jib	
11 m/s with 36.6m thru 42.7m Luffing Jib	
9 m/s with 45.7m thru 51.8m Luffing Jib	
7 m/s with 54.9m thru 67.1m Luffing Jib	
5 m/s with 70.1m and 73.2m Luffing Jib	



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

Int. Fall Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Int. Fall Oper. Rad. m
	Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall		
	Ang. Deg.	Elev. m	Capacity Kilograms	Ang. Deg.	Elev. m	Capacity Kilograms	Ang. Deg.	Elev. m	Capacity Kilograms	Ang. Deg.	Elev. m	Capacity Kilograms	Ang. Deg.	Elev. m	Capacity Kilograms	Ang. Deg.	Elev. m	Capacity Kilograms	
10.7	59.9	55.0	15 500*																10.7
11.0	58.0	54.8	14 700*																11.0
12.0	52.0	54.0	12 300*																12.0
13.0	45.3	53.1	10 500*	54.9	54.3	13 500*													13.0
14.0	37.7	51.8	9 100*	48.6	53.5	11 300*	61.9	54.9	17 100* b										14.0
15.0	28.2	50.1	7 900*	41.5	52.3	9 700*	56.2	54.2	14 100*										15.0
16.0				33.1	50.9	8 500*	50.0	53.4	11 700*										16.0
17.0							43.1	52.4	10 100*	57.3	54.0	14 600*							17.0
18.0							35.0	51.0	8 800*	51.2	53.2	12 300*							18.0
19.0										44.5	52.2	10 400*							19.0
20.0										36.7	50.9	9 000*	60.8	53.6	16 600* b				20.0
21.0										26.9	49.1	7 900*	55.0	52.9	13 800*				21.0
22.0													48.7	52.0	11 500*				22.0
23.0													41.6	50.9	9 900*				23.0
24.0													33.2	49.4	8 600*				24.0
25.0																52.0	51.3	12 800*	25.0
26.0																45.4	50.3	10 800*	26.0
27.0																37.8	49.1	9 300*	27.0

Capacities indicated by (b) require 1 180 kg minimum block weight.
Capacities based on structural competence are denoted by an asterisk (*).



Liftcrane Luffing Jib Intermediate Fall 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, 27.4m (90 Ft.) Luffing Jib

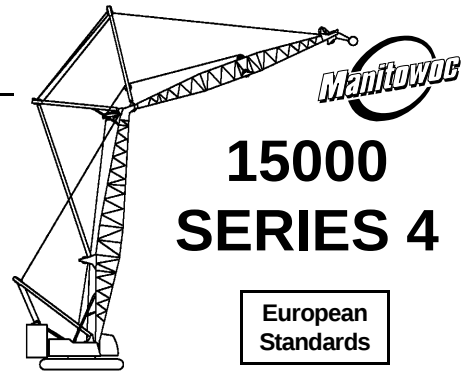
Int. Fall Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Int. Fall Oper. Rad. m			
	Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall					
	Ang. Deg.	Elev. m	Capacity Kilograms	Ang. Deg.	Elev. m	Capacity Kilograms	Ang. Deg.	Elev. m	Capacity Kilograms	Ang. Deg.	Elev. m	Capacity Kilograms	Ang. Deg.	Elev. m	Capacity Kilograms	Ang. Deg.	Elev. m	Capacity Kilograms				
10.7	59.9	55.0	13 700*																10.7			
11.0	58.0	54.8	13 000*																11.0			
12.0	52.0	54.0	10 800*																12.0			
13.0	45.3	53.1	9 100*																13.0			
14.0	37.7	51.8	7 900*																14.0			
15.0	28.2	50.1	6 900*	41.5	52.3	8 500*	56.2	54.2	12 400*	63.0	54.7	16 100* b							15.0			
16.0				33.1	50.9	7 400*	50.0	53.4	10 300*										57.3	54.0	12 800*	16.0
17.0							43.1	52.4	8 800*										51.2	53.2	10 700*	17.0
18.0							35.0	51.0	7 600*										44.5	52.2	9 100*	18.0
19.0																						19.0
20.0										36.7	50.9	7 900*	60.8	53.6	14 700*				20.0			
21.0										26.9	49.1	6 800*	55.0	52.9	12 200*				21.0			
22.0													48.7	52.0	10 100*				22.0			
23.0													41.6	50.9	8 700*				23.0			
24.0													33.2	49.4	7 500*				24.0			
25.0																52.0	51.3	11 300*	25.0			
26.0																45.4	50.3	9 500*	26.0			
27.0																37.8	49.1	8 100*	27.0			

Capacities indicated by (b) require 1 180 kg minimum block weight.
Capacities based on structural competence are denoted by an asterisk (*).

Liftcrane Luffing Jib Intermediate Fall Capacities

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

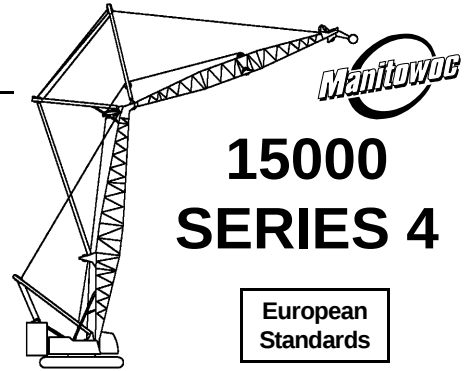
Maximum Operating Wind Speeds (all boom lengths)	
13 m/s with 21.3m thru 33.5m Luffing Jib	
11 m/s with 36.6m thru 42.7m Luffing Jib	
9 m/s with 45.7m thru 51.8m Luffing Jib	
7 m/s with 54.9m thru 67.1m Luffing Jib	
5 m/s with 70.1m and 73.2m Luffing Jib	



42.5m (139 Ft.) Boom, 30.5m (100 Ft.) Luffing Jib

Int. Fall Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Int. Fall Oper. Rad. m
	Jib		Intermediate Fall	Jib		Intermediate Fall	Jib		Intermediate Fall	Jib		Intermediate Fall	Jib		Intermediate Fall	Jib		Intermediate Fall	
	Ang. Deg.	Elev. m		Ang. Deg.	Elev. m		Ang. Deg.	Elev. m		Ang. Deg.	Elev. m		Ang. Deg.	Elev. m		Ang. Deg.	Elev. m		
10.7	66.5	58.5	19 700*															10.7	
11.0	65.1	58.4	18 700*															11.0	
12.0	60.8	57.8	15 600*															12.0	
13.0	56.2	57.1	13 200*	62.9	58.0	17 200*												13.0	
14.0	51.4	56.3	11 500*	58.4	57.4	14 300*	68.0	58.4	21 800* b									14.0	
15.0	46.1	55.4	10 000*	53.7	56.6	12 300*	63.8	57.9	17 900*									15.0	
16.0	40.3	54.2	8 800*	48.7	55.8	10 700*	59.4	57.3	14 800*									16.0	
17.0	33.6	52.8	7 800*	43.2	54.7	9 500*	54.7	56.5	12 800*	64.6	57.6	18 600*						17.0	
18.0	25.3	50.8	7 000*	37.0	53.4	8 300*	49.8	55.7	11 100*	60.3	57.0	15 600*						18.0	
19.0				29.6	51.7	7 400*	44.4	54.7	9 700*	55.7	56.3	13 200*						19.0	
20.0							38.4	53.5	8 600*	50.8	55.5	11 500*						20.0	
21.0							31.3	51.9	7 600*	45.5	54.5	10 000*						21.0	
22.0										39.6	53.4	8 800*	58.5	55.9	14 800*			22.0	
23.0										32.8	51.9	7 800*	53.8	55.2	12 600*			23.0	
24.0										24.2	49.8	7 000*	48.8	54.3	10 900*			24.0	
25.0													43.3	53.2	9 600*			25.0	
26.0													37.1	52.0	8 500*	56.3	54.4	13 700*	
27.0													29.7	50.3	7 600*	51.4	53.6	11 900*	
28.0																46.2	52.7	10 300*	
29.0																40.4	51.5	9 100*	
30.0																33.7	50.0	8 100*	

Capacities indicated by (b) require 1 180 kg minimum block weight.
Capacities based on structural competence are denoted by an asterisk (*).



Liftcrane Luffing Jib Intermediate Fall 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

**European
Standards**

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

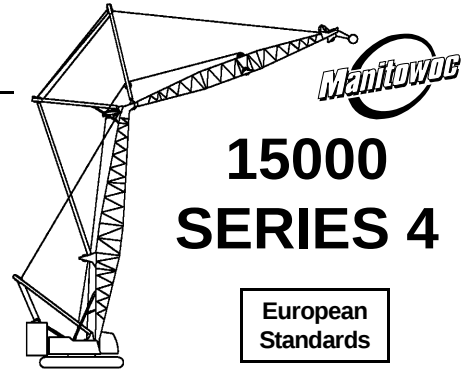
Int. Fall Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Int. Fall Oper. Rad. m			
	Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall					
		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms				
9.1	68.2	55.9	18 000* ^b																9.1			
10.0	63.6	55.5	15 200*																10.0			
11.0	58.0	54.8	12 100*																66.2	55.6	16 900*	11.0
12.0	52.0	54.0	10 200*																60.7	55.0	13 500*	12.0
13.0	45.3	53.1	8 700*																54.9	54.3	11 000*	13.0
14.0	37.7	51.8	7 500*	48.6	53.5	9 400*	61.9	54.9	14 200*										14.0			
15.0	28.2	50.1	6 600*	41.5	52.3	8 100*	56.2	54.2	11 700*										15.0			
16.0				33.1	50.9	7 100*	50.0	53.4	9 700*										63.0	54.7	15 100*	16.0
17.0							43.1	52.4	8 400*										57.3	54.0	12 000*	17.0
18.0							35.0	51.0	7 300*										51.2	53.2	10 100*	18.0
19.0										44.5	52.2	8 700*	60.8	53.6	13 800*				19.0			
20.0										36.7	50.9	7 500*							55.0	52.9	11 500*	20.0
21.0										26.9	49.1	6 600*							48.7	52.0	9 600*	21.0
22.0																			41.6	50.9	8 300*	22.0
23.0																						
24.0													33.2	49.4	7 200*				24.0			
25.0																52.0	51.3	10 700*	25.0			
26.0																45.4	50.3	9 000*	26.0			
27.0																37.8	49.1	7 800*	27.0			

Capacities indicated by (b) require 1 180 kg minimum block weight.
Capacities based on structural competence are denoted by an asterisk (*).

Liftcrane Luffing Jib Intermediate Fall Capacities

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

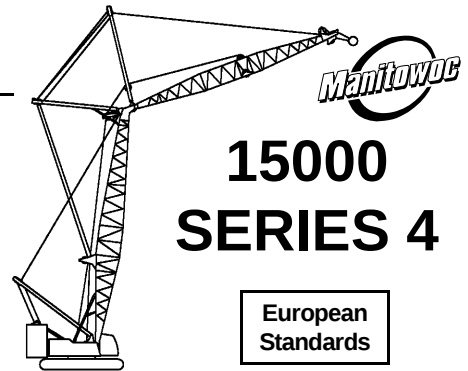
Maximum Operating Wind Speeds (all boom lengths)	
13 m/s with 21.3m thru 33.5m Luffing Jib	
11 m/s with 36.6m thru 42.7m Luffing Jib	
9 m/s with 45.7m thru 51.8m Luffing Jib	
7 m/s with 54.9m thru 67.1m Luffing Jib	
5 m/s with 70.1m and 73.2m Luffing Jib	



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

Int. Fall Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Int. Fall Oper. Rad. m
	Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		
		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms	
9.1	72.8	59.2	25 100*b															9.1	
10.0	69.3	58.8	21 000*															10.0	
11.0	65.1	58.4	16 600*	71.3	58.9	23 400*												11.0	
12.0	60.8	57.8	13 900*	67.1	58.5	18 700*												12.0	
13.0	56.2	57.1	11 900*	62.9	58.0	15 200*												13.0	
14.0	51.4	56.3	10 300*	58.4	57.4	12 900*	68.0	58.4	19 600*									14.0	
15.0	46.1	55.4	9 000*	53.7	56.6	11 100*	63.8	57.9	16 100*									15.0	
16.0	40.3	54.2	7 900*	48.7	55.8	9 600*	59.4	57.3	13 400*									16.0	
17.0	33.6	52.8	7 000*	43.2	54.7	8 500*	54.7	56.5	11 500*	64.6	57.6	16 800*						17.0	
18.0	25.3	50.8	6 300*	37.0	53.4	7 500*	49.8	55.7	10 000*	60.3	57.0	14 100*						18.0	
19.0				29.6	51.7	6 700*	44.4	54.7	8 700*	55.7	56.3	11 900*						19.0	
20.0							38.4	53.5	7 800*	50.8	55.5	10 300*						20.0	
21.0							31.3	51.9	6 900*	45.5	54.5	9 000*						21.0	
22.0										39.6	53.4	8 000*	58.5	55.9	13 400*			22.0	
23.0										32.8	51.9	7 000*	53.8	55.2	11 300*			23.0	
24.0										24.2	49.8	6 300*	48.8	54.3	9 800*			24.0	
25.0													43.3	53.2	8 700*			25.0	
26.0													37.1	52.0	7 700*	56.3	54.4	26.0	
27.0													29.7	50.3	6 800*	51.4	53.6	27.0	
28.0																46.2	52.7	28.0	
29.0																40.4	51.5	29.0	
30.0																33.7	50.0	30.0	

Capacities indicated by (b) require 1 180 kg minimum block weight.
Capacities based on structural competence are denoted by an asterisk (*).



Liftcrane Luffing Jib Intermediate Fall 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

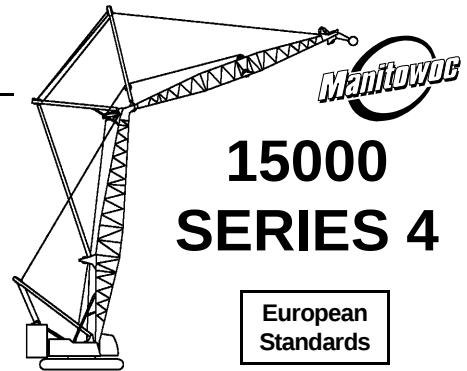
Int. Fall Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Int. Fall Oper. Rad. m		
	Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall				
		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms			
9.1	75.8	62.4	26 700* ^b															9.1			
10.0	72.9	62.1	24 400*															10.0			
11.0	69.6	61.7	21 500*															11.0			
12.0	66.1	61.3	17 900*															12.0			
13.0	62.6	60.8	15 100*															67.8	61.4	19 600*	13.0
14.0	58.9	60.2	13 100*	64.3	60.9	16 400*												14.0			
15.0	55.0	59.5	11 500*	60.7	60.3	14 100*												15.0			
16.0	51.0	58.6	10 100*	56.9	59.7	12 300*												65.0	60.8	17 300*	16.0
17.0	46.6	57.7	9 000*	52.9	58.9	10 800*												61.4	60.2	14 600*	17.0
18.0	41.9	56.6	8 100*	48.7	58.1	9 600*												57.7	59.6	12 700*	18.0
19.0	36.7	55.3	7 300*	44.2	57.0	8 600*	53.8	58.9	11 200*	62.1	60.0	15 300*						19.0			
20.0	30.7	53.7	6 600*	39.3	55.8	7 700*	49.6	58.0	9 900*	58.4	59.4	13 100*						20.0			
21.0	23.2	51.5	6 000*	33.7	54.4	6 900*	45.2	57.0	8 800*	54.6	58.6	11 500*						21.0			
22.0				27.1	52.5	6 300*	40.4	55.9	7 900*	50.5	57.8	10 200*						22.0			
23.0							35.0	54.5	7 100*	46.1	56.9	9 100*						60.7	58.9	14 400*	23.0
24.0							28.6	52.7	6 400*	41.4	55.7	8 100*	56.9	58.2	12 600*				24.0		
25.0										36.1	54.4	7 300*	53.0	57.5	11 000*				25.0		
26.0										30.0	52.7	6 600*	48.8	56.6	9 800*				26.0		
27.0										22.2	50.5	6 000*	44.3	55.6	8 800*				27.0		
28.0													39.4	54.4	7 800*				55.1	56.7	12 000*
29.0													33.8	52.9	7 100*	51.0	55.9	10 500*	29.0		
30.0													27.2	51.1	6 400*	46.7	55.0	9 300*	30.0		
31.0																42.0	53.9	8 300*	31.0		
32.0																36.8	52.5	7 500*	32.0		
33.0																30.8	50.9	6 800*	33.0		

Capacities indicated by (b) require 1 180 kg minimum block weight.
Capacities based on structural competence are denoted by an asterisk (*).

Liftcrane Luffing Jib Intermediate Fall Capacities

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

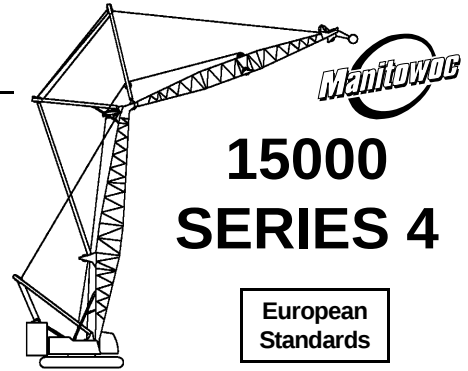
Maximum Operating Wind Speeds
(all boom lengths)
13 m/s with 21.3m thru 33.5m Luffing Jib
11 m/s with 36.6m thru 42.7m Luffing Jib
9 m/s with 45.7m thru 51.8m Luffing Jib
7 m/s with 54.9m thru 67.1m Luffing Jib
5 m/s with 70.1m and 73.2m Luffing Jib



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

Int. Fall Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Int. Fall Oper. Rad. m		
	Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall				
		Ang. Deg.	Elev. m		Capacity Kilograms	Ang. Deg.		Elev. m	Capacity Kilograms		Ang. Deg.	Elev. m		Capacity Kilograms	Ang. Deg.		Elev. m	Capacity Kilograms		Ang. Deg.	Elev. m
10.7	73.6	65.1	26 700*															10.7			
11.0	72.6	65.0	25 800*															11.0			
12.0	69.8	64.6	22 900*															12.0			
13.0	66.8	64.2	20 000*															71.1	64.7	24 400*	13.0
14.0	63.8	63.7	17 100*															68.2	64.3	21 500*	14.0
15.0	60.7	63.1	15 000*	65.3	63.8	18 500*												15.0			
16.0	57.5	62.5	13 300*	62.2	63.3	16 100*												16.0			
17.0	54.2	61.7	11 900*	59.0	62.7	14 200*												65.9	63.7	19 200*	17.0
18.0	50.7	60.9	10 700*	55.8	62.0	12 600*												62.9	63.2	16 700*	18.0
19.0	47.0	60.0	9 600*	52.4	61.2	11 300*												59.7	62.6	14 600*	19.0
20.0	43.0	58.9	8 700*	48.8	60.4	10 200*	56.5	61.9	13 000*	63.5	62.9	17 200*						20.0			
21.0	38.8	57.7	7 900*	45.0	59.4	9 200*	53.1	61.2	11 600*	60.3	62.3	15 200*						21.0			
22.0	34.0	56.3	7 200*	40.9	58.2	8 300*	49.6	60.3	10 400*	57.1	61.7	13 400*						22.0			
23.0	28.5	54.5	6 600*	36.4	56.9	7 600*	45.8	59.3	9 400*	53.8	61.0	12 000*						23.0			
24.0	21.7	52.2	6 000*	31.3	55.3	6 900*	41.8	58.2	8 600*	50.3	60.1	10 700*						24.0			
25.0				25.2	53.3	6 300*	37.4	56.9	7 800*	46.5	59.2	9 700*	59.1	61.2	14 600*				25.0		
26.0							32.4	55.4	7 100*	42.6	58.1	8 800*	55.8	60.5	12 900*				26.0		
27.0							26.6	53.5	6 500*	38.3	56.8	8 000*	52.4	59.8	11 500*				27.0		
28.0										33.4	55.4	7 300*	48.8	58.9	10 400*				28.0		
29.0													27.8	53.5	6 600*				45.0	57.9	9 400*
30.0										20.8	51.2	6 100*	40.9	56.8	8 500*	54.2	59.0	12 300*	30.0		
31.0													36.4	55.4	7 800*	50.7	58.2	11 000*	31.0		
32.0													31.4	53.8	7 100*	47.0	57.3	10 000*	32.0		
33.0													25.3	51.8	6 500*	43.1	56.2	9 000*	33.0		
34.0																38.8	55.0	8 200*	34.0		
35.0																		34.1	53.5	7 500*	35.0
36.0																		28.6	51.8	6 800*	36.0

Capacities indicated by (b) require 1 180 kg minimum block weight.
Capacities based on structural competence are denoted by an asterisk (*).



Liftcrane Luffing Jib Intermediate Fall 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

**European
Standards**

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

Int. Fall Oper. Rad. m	88 Degree Boom Angle				86 Degree Boom Angle				83 Degree Boom Angle				80 Degree Boom Angle				75 Degree Boom Angle				70 Degree Boom Angle				Int. Fall Oper. Rad. m	
	Jib		Intermediate Fall		Jib		Intermediate Fall		Jib		Intermediate Fall		Jib		Intermediate Fall		Jib		Intermediate Fall		Jib		Intermediate Fall			
	Ang. Deg.	Elev. m	Capacity Kilograms		Ang. Deg.	Elev. m	Capacity Kilograms		Ang. Deg.	Elev. m	Capacity Kilograms		Ang. Deg.	Elev. m	Capacity Kilograms		Ang. Deg.	Elev. m	Capacity Kilograms		Ang. Deg.	Elev. m	Capacity Kilograms			
10.7	75.7	68.3	26 700*																						10.7	
11.0	74.9	68.2	26 700*																						11.0	
12.0	72.4	67.9	26 700*																						12.0	
13.0	69.9	67.5	24 000*																						13.0	
14.0	67.3	67.1	20 700*		71.1	67.6	25 700*																		14.0	
15.0	64.7	66.6	18 200*		68.6	67.2	22 300*																		15.0	
16.0	62.0	66.1	16 200*		66.0	66.7	19 400*																		16.0	
17.0	59.3	65.5	14 600*		63.3	66.2	17 200*		69.1	67.0	23 000*														17.0	
18.0	56.5	64.8	13 100*		60.6	65.7	15 400*		66.5	66.6	20 200*														18.0	
19.0	53.5	64.1	11 900*		57.8	65.0	13 800*		63.9	66.1	17 700*														19.0	
20.0	50.5	63.2	10 800*		54.9	64.3	12 500*		61.2	65.5	15 800*		67.0	66.3	20 700*										20.0	
21.0	47.2	62.3	9 800*		51.9	63.5	11 400*		58.4	64.9	14 200*		64.4	65.8	18 300*										21.0	
22.0	43.8	61.3	9 000*		48.8	62.7	10 400*		55.6	64.2	12 800*		61.7	65.3	16 300*										22.0	
23.0	40.2	60.1	8 300*		45.5	61.7	9 400*		52.6	63.5	11 700*		59.0	64.7	14 600*										23.0	
24.0	36.3	58.8	7 600*		42.0	60.6	8 700*		49.5	62.6	10 600*		56.1	64.0	13 200*										24.0	
25.0	31.9	57.2	7 000*		38.2	59.3	8 000*		46.2	61.7	9 700*		53.2	63.2	12 000*										25.0	
26.0	26.8	55.3	6 500*		34.0	57.9	7 300*		42.8	60.6	8 900*		50.1	62.4	10 900*		60.7	64.2	15 700*						26.0	
27.0	20.5	52.8	6 000*		29.3	56.2	6 800*		39.0	59.4	8 200*		46.9	61.5	9 900*		57.9	63.6	14 200*						27.0	
28.0					23.8	54.0	6 200*		35.0	58.0	7 500*		43.4	60.4	9 100*		55.0	62.9	12 800*						28.0	
29.0									30.4	56.3	7 000*		39.8	59.2	8 400*		52.0	62.1	11 600*						29.0	
30.0									25.0	54.3	6 400*		35.8	57.9	7 700*		48.8	61.2	10 600*						30.0	
31.0													31.3	56.3	7 100*		45.5	60.2	9 700*						31.0	
32.0													26.2	54.3	6 600*		42.0	59.1	8 900*		53.5	61.3	12 300*		32.0	
33.0													19.7	51.8	6 100*		38.3	57.9	8 200*		50.5	60.5	11 200*		33.0	
34.0																	34.1	56.4	7 500*		47.3	59.6	10 200*		34.0	
35.0																	29.4	54.7	7 000*		43.9	58.5	9 400*		35.0	
36.0																	23.8	52.6	6 400*		40.3	57.4	8 600*		36.0	
37.0																					36.3	56.0	7 900*		37.0	
38.0																					31.9	54.5	7 300*		38.0	
39.0																					26.9	52.6	6 800*		39.0	

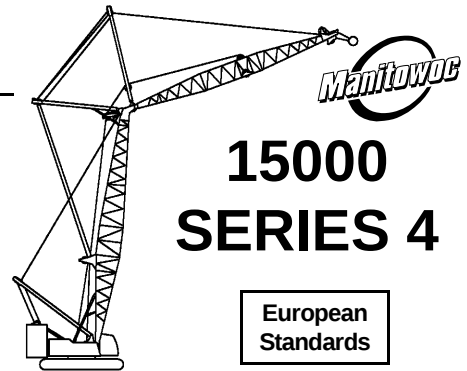
Capacities indicated by (b) require 1 180 kg minimum block weight.
Capacities based on structural competence are denoted by an asterisk (*).

Liftcrane Luffing Jib Intermediate Fall 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)

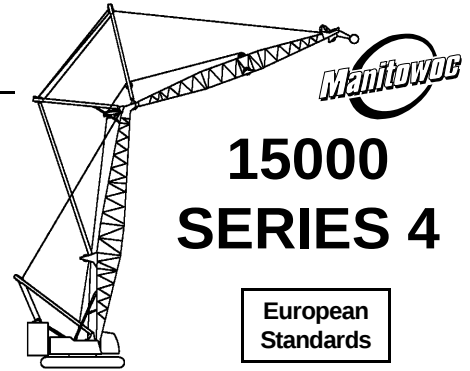
13 m/s with 21.3m thru 33.5m Luffing Jib
11 m/s with 36.6m thru 42.7m Luffing Jib
9 m/s with 45.7m thru 51.8m Luffing Jib
7 m/s with 54.9m thru 67.1m Luffing Jib
5 m/s with 70.1m and 73.2m Luffing Jib



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

Int. Fall Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Int. Fall Oper. Rad. m	
	Jib		Intermediate Fall	Jib		Intermediate Fall	Jib		Intermediate Fall	Jib		Intermediate Fall	Jib		Intermediate Fall	Jib		Intermediate Fall		
	Ang. Deg.	Elev. m		Ang. Deg.	Elev. m		Ang. Deg.	Elev. m		Ang. Deg.	Elev. m		Ang. Deg.	Elev. m		Ang. Deg.	Elev. m			
12.2	74.0	71.0	26 700*																12.2	
13.0	72.2	70.7	26 700*																13.0	
14.0	70.0	70.4	26 000*	73.3	70.8	26 700*													14.0	
15.0	67.7	70.0	23 400*	71.1	70.5	26 700*													15.0	
16.0	65.4	69.5	21 000*	68.8	70.1	24 700*													16.0	
17.0	63.1	69.0	18 700*	66.5	69.6	22 100*													17.0	
18.0	60.7	68.4	16 900*	64.2	69.1	19 800*													18.0	
19.0	58.2	67.8	15 400*	61.8	68.6	17 800*	67.0	69.5	22 900*										19.0	
20.0	55.6	67.1	14 000*	59.4	68.0	16 200*	64.7	69.0	20 300*										20.0	
21.0	53.0	66.4	12 800*	56.9	67.3	14 700*	62.3	68.5	18 300*										21.0	
22.0	50.3	65.5	11 800*	54.3	66.6	13 500*	59.9	67.9	16 600*	65.2	68.7	21 000*							22.0	
23.0	47.4	64.6	10 800*	51.6	65.8	12 400*	57.4	67.2	15 100*	62.8	68.2	18 800*							23.0	
24.0	44.5	63.6	10 000*	48.8	65.0	11 400*	54.8	66.5	13 800*	60.4	67.6	17 000*							24.0	
25.0	41.3	62.5	9 200*	45.9	64.0	10 500*	52.2	65.8	12 700*	57.9	67.0	15 500*							25.0	
26.0	37.9	61.2	8 600*	42.8	62.9	9 700*	49.4	64.9	11 700*	55.3	66.3	14 200*							26.0	
27.0	34.2	59.8	7 900*	39.6	61.7	8 900*	46.5	64.0	10 700*	52.7	65.6	13 000*							27.0	
28.0	30.1	58.1	7 400*	36.0	60.4	8 300*	43.5	62.9	9 900*	50.0	64.7	11 900*	59.4	66.5	16 600*				28.0	
29.0	25.4	56.1	6 900*	32.2	58.8	7 700*	40.3	61.7	9 200*	47.1	63.8	11 000*	56.9	65.9	15 000*				29.0	
30.0	19.6	53.5	6 400*	27.8	57.0	7 200*	36.8	60.4	8 500*	44.1	62.8	10 100*	54.3	65.2	13 800*				30.0	
31.0				22.6	54.7	6 700*	33.0	58.9	7 900*	40.9	61.6	9 400*	51.6	64.4	12 700*				31.0	
32.0				15.7	51.6	6 200*	28.7	57.2	7 300*	37.5	60.3	8 700*	48.9	63.5	11 700*				32.0	
33.0							23.8	55.0	6 800*	33.8	58.9	8 100*	46.0	62.5	10 800*				33.0	
34.0										29.6	57.2	7 500*	42.9	61.5	10 000*	53.0	63.6	13 400*	34.0	
35.0										24.8	55.1	7 000*	39.6	60.3	9 200*	50.3	62.8	12 300*	35.0	
36.0										18.8	52.4	6 500*	36.1	58.9	8 600*	47.5	61.9	11 300*	36.0	
37.0													32.2	57.4	8 000*	44.5	60.9	10 400*	37.0	
38.0													27.8	55.5	7 400*	41.3	59.7	9 700*	38.0	
39.0													22.7	53.3	6 900*	37.9	58.5	9 000*	39.0	
40.0																34.3	57.0	8 300*	40.0	
42.0																25.5	53.3	7 200*	42.0	

Capacities indicated by (b) require 1 180 kg minimum block weight.
Capacities based on structural competence are denoted by an asterisk (*).



Liftcrane Luffing Jib Intermediate Fall 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

**European
Standards**

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

Int. Fall Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Int. Fall Oper. Rad. m	
	Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall			
		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		
10.7	75.7	68.3	26 700*																10.7	
11.0	74.9	68.2	26 300*																11.0	
12.0	72.4	67.9	25 000*																12.0	
13.0	69.9	67.5	22 600*																13.0	
14.0	67.3	67.1	19 200*	71.1	67.6	23 800*													14.0	
15.0	64.7	66.6	16 900*	68.6	67.2	20 600*													15.0	
16.0	62.0	66.1	15 000*	66.0	66.7	18 000*													16.0	
17.0	59.3	65.5	13 400*	63.3	66.2	16 000*	69.1	67.0	21 300*										17.0	
18.0	56.5	64.8	12 100*	60.6	65.7	14 300*	66.5	66.6	18 700*										18.0	
19.0	53.5	64.1	11 000*	57.8	65.0	12 800*	63.9	66.1	16 400*										19.0	
20.0	50.5	63.2	10 000*	54.9	64.3	11 600*	61.2	65.5	14 700*	67.0	66.3	19 200*							20.0	
21.0	47.2	62.3	9 100*	51.9	63.5	10 500*	58.4	64.9	13 200*	64.4	65.8	17 000*							21.0	
22.0	43.8	61.3	8 300*	48.8	62.7	9 500*	55.6	64.2	11 900*	61.7	65.3	15 000*							22.0	
23.0	40.2	60.1	7 700*	45.5	61.7	8 700*	52.6	63.5	10 800*	59.0	64.7	13 500*							23.0	
24.0	36.3	58.8	7 000*	42.0	60.6	8 000*	49.5	62.6	9 800*	56.1	64.0	12 200*							24.0	
25.0	31.9	57.2	6 500*	38.2	59.3	7 400*	46.2	61.7	9 000*	53.2	63.2	11 100*							25.0	
26.0	26.8	55.3	6 000*	34.0	57.9	6 700*	42.8	60.6	8 200*	50.1	62.4	10 100*	60.7	64.2	14 600*				26.0	
27.0	20.5	52.8	5 500*	29.3	56.2	6 200*	39.0	59.4	7 600*	46.9	61.5	9 200*	57.9	63.6	13 100*				27.0	
28.0				23.8	54.0	5 800*	35.0	58.0	7 000*	43.4	60.4	8 400*	55.0	62.9	11 800*				28.0	
29.0							30.4	56.3	6 400*	39.8	59.2	7 700*	52.0	62.1	10 700*				29.0	
30.0							25.0	54.3	5 900*	35.8	57.9	7 100*	48.8	61.2	9 800*				30.0	
31.0										31.3	56.3	6 600*	45.5	60.2	9 000*				31.0	
32.0										26.2	54.3	6 000*	42.0	59.1	8 200*	53.5	61.3	11 400*	32.0	
33.0										19.7	51.8	5 600*	38.3	57.9	7 600*	50.5	60.5	10 400*	33.0	
34.0													34.1	56.4	7 000*	47.3	59.6	9 500*	34.0	
35.0													29.4	54.7	6 400*	43.9	58.5	8 700*	35.0	
36.0													23.8	52.6	5 900*	40.3	57.4	8 000*	36.0	
37.0																36.3	56.0	7 300*	37.0	
38.0																31.9	54.5	6 800*	38.0	
39.0																26.9	52.6	6 200*	39.0	

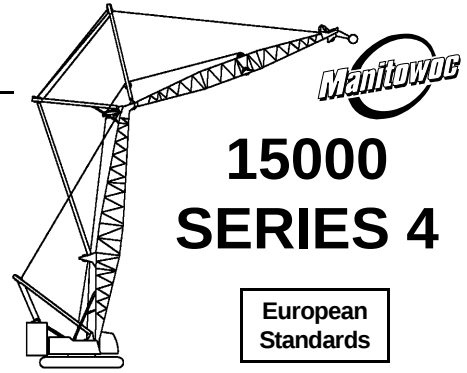
Capacities indicated by (b) require 1 180 kg minimum block weight.
Capacities based on structural competence are denoted by an asterisk (*).

Liftcrane Luffing Jib Intermediate Fall 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

Int. Fall Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			Int. Fall Oper. Rad. m
	Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall		
		Ang. Deg.	Elev. m		Capacity Kilograms	Ang. Deg.		Elev. m	Capacity Kilograms		Ang. Deg.	Elev. m		Capacity Kilograms	Ang. Deg.	
12.2	74.0	71.0	26 700*													12.2
13.0	72.2	70.7	25 900*													13.0
14.0	70.0	70.4	24 700*	73.3	70.8	26 400*										14.0
15.0	67.7	70.0	21 800*	71.1	70.5	25 400*										15.0
16.0	65.4	69.5	19 100*	68.8	70.1	23 400*										16.0
17.0	63.1	69.0	17 200*	66.5	69.6	20 300*										17.0
18.0	60.7	68.4	15 500*	64.2	69.1	18 200*										18.0
19.0	58.2	67.8	14 100*	61.8	68.6	16 400*	67.0	69.5	21 000*							19.0
20.0	55.6	67.1	12 900*	59.4	68.0	14 900*	64.7	69.0	18 700*							20.0
21.0	53.0	66.4	11 800*	56.9	67.3	13 500*	62.3	68.5	16 800*							21.0
22.0	50.3	65.5	10 800*	54.3	66.6	12 300*	59.9	67.9	15 200*	65.2	68.7	19 300*				22.0
23.0	47.4	64.6	9 900*	51.6	65.8	11 300*	57.4	67.2	13 900*	62.8	68.2	17 300*				23.0
24.0	44.5	63.6	9 200*	48.8	65.0	10 400*	54.8	66.5	12 700*	60.4	67.6	15 600*				24.0
25.0	41.3	62.5	8 500*	45.9	64.0	9 600*	52.2	65.8	11 600*	57.9	67.0	14 200*				25.0
26.0	37.9	61.2	7 800*	42.8	62.9	8 900*	49.4	64.9	10 700*	55.3	66.3	13 000*				26.0
27.0	34.2	59.8	7 300*	39.6	61.7	8 200*	46.5	64.0	9 800*	52.7	65.6	11 900*				27.0
28.0	30.1	58.1	6 700*	36.0	60.4	7 600*	43.5	62.9	9 100*	50.0	64.7	10 900*	59.4	66.5	15 200*	28.0
29.0	25.4	56.1	6 300*	32.2	58.8	7 000*	40.3	61.7	8 400*	47.1	63.8	10 100*	56.9	65.9	13 800*	29.0
30.0	19.6	53.5	5 800*	27.8	57.0	6 500*	36.8	60.4	7 800*	44.1	62.8	9 300*	54.3	65.2	12 700*	30.0
31.0				22.6	54.7	6 100*	33.0	58.9	7 200*	40.9	61.6	8 600*	51.6	64.4	11 600*	31.0
32.0				15.7	51.6	5 700*	28.7	57.2	6 700*	37.5	60.3	8 000*	48.9	63.5	10 700*	32.0
33.0							23.8	55.0	6 200*	33.8	58.9	7 400*	46.0	62.5	9 900*	33.0
34.0										29.6	57.2	6 900*	42.9	61.5	9 100*	34.0
35.0										24.8	55.1	6 400*	39.6	60.3	8 500*	35.0
36.0										18.8	52.4	5 900*	36.1	58.9	7 900*	36.0
37.0													32.2	57.4	7 300*	37.0
38.0													27.8	55.5	6 800*	38.0
39.0													22.7	53.3	6 300*	39.0

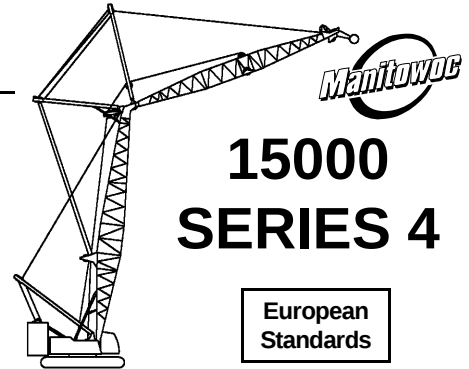
Capacities indicated by (b) require 1 180 kg minimum block weight.
Capacities based on structural competence are denoted by an asterisk (*).

Liftcrane Luffing Jib Intermediate Fall 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

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

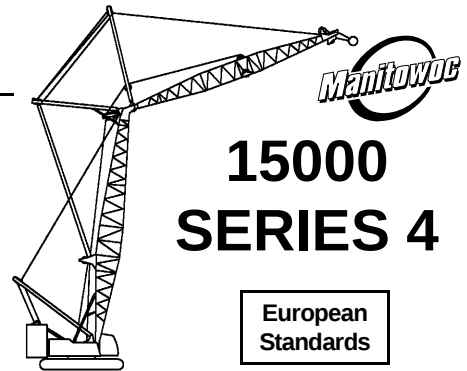
Int. Fall Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			Int. Fall Oper. Rad. m
	Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		
		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms	
10.7	75.7	68.3	26 700*													10.7
11.0	74.9	68.2	25 900*													11.0
12.0	72.4	67.9	23 500*													12.0
13.0	69.9	67.5	20 700*													13.0
14.0	67.3	67.1	17 800*	71.1	67.6	22 100*										14.0
15.0	64.7	66.6	15 700*	68.6	67.2	19 200*										15.0
16.0	62.0	66.1	13 900*	66.0	66.7	16 700*										16.0
17.0	59.3	65.5	12 500*	63.3	66.2	14 800*	69.1	67.0	19 800*							17.0
18.0	56.5	64.8	11 200*	60.6	65.7	13 200*	66.5	66.6	17 300*							18.0
19.0	53.5	64.1	10 100*	57.8	65.0	11 800*	63.9	66.1	15 200*							19.0
20.0	50.5	63.2	9 200*	54.9	64.3	10 700*	61.2	65.5	13 600*	67.0	66.3	17 800*				20.0
21.0	47.2	62.3	8 400*	51.9	63.5	9 700*	58.4	64.9	12 200*	64.4	65.8	15 800*				21.0
22.0	43.8	61.3	7 700*	48.8	62.7	8 800*	55.6	64.2	11 000*	61.7	65.3	14 000*				22.0
23.0	40.2	60.1	7 000*	45.5	61.7	8 100*	52.6	63.5	10 000*	59.0	64.7	12 500*				23.0
24.0	36.3	58.8	6 500*	42.0	60.6	7 400*	49.5	62.6	9 100*	56.1	64.0	11 300*				24.0
25.0	31.9	57.2	5 900*	38.2	59.3	6 800*	46.2	61.7	8 300*	53.2	63.2	10 200*				25.0
26.0	26.8	55.3	5 500*	34.0	57.9	6 300*	42.8	60.6	7 600*	50.1	62.4	9 300*	60.7	64.2	13 500*	26.0
27.0	20.5	52.8	5 100*	29.3	56.2	5 700*	39.0	59.4	7 000*	46.9	61.5	8 500*	57.9	63.6	12 200*	27.0
28.0				23.8	54.0	5 300*	35.0	58.0	6 400*	43.4	60.4	7 800*	55.0	62.9	11 000*	28.0
29.0							30.4	56.3	5 900*	39.8	59.2	7 100*	52.0	62.1	10 000*	29.0
30.0							25.0	54.3	5 500*	35.8	57.9	6 600*	48.8	61.2	9 100*	30.0
31.0										31.3	56.3	6 000*	45.5	60.2	8 300*	31.0
32.0										26.2	54.3	5 600*	42.0	59.1	7 600*	32.0
33.0										19.7	51.8	5 100*	38.3	57.9	7 000*	33.0
34.0													34.1	56.4	6 400*	34.0
35.0													29.4	54.7	5 900*	35.0
36.0													23.8	52.6	5 500*	36.0

Capacities indicated by (b) require 1 180 kg minimum block weight.
Capacities based on structural competence are denoted by an asterisk (*).

Liftcrane Luffing Jib Intermediate Fall 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

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

Int. Fall Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			Int. Fall Oper. Rad. m
	Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		
		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms	
12.2	74.0	71.0	26 700*										12.2
13.0	72.2	70.7	24 900*										13.0
14.0	70.0	70.4	22 600*	73.3	70.8	26 100*							14.0
15.0	67.7	70.0	19 900*	71.1	70.5	23 700*							15.0
16.0	65.4	69.5	17 600*	68.8	70.1	21 300*							16.0
17.0	63.1	69.0	15 800*	66.5	69.6	18 700*							17.0
18.0	60.7	68.4	14 300*	64.2	69.1	16 700*							18.0
19.0	58.2	67.8	13 000*	61.8	68.6	15 100*	67.0	69.5	19 400*				19.0
20.0	55.6	67.1	11 800*	59.4	68.0	13 700*	64.7	69.0	17 200*				20.0
21.0	53.0	66.4	10 800*	56.9	67.3	12 400*	62.3	68.5	15 500*				21.0
22.0	50.3	65.5	9 900*	54.3	66.6	11 300*	59.9	67.9	14 100*	65.2	68.7	17 800*	22.0
23.0	47.4	64.6	9 100*	51.6	65.8	10 400*	57.4	67.2	12 800*	62.8	68.2	15 900*	23.0
24.0	44.5	63.6	8 400*	48.8	65.0	9 500*	54.8	66.5	11 700*	60.4	67.6	14 400*	24.0
25.0	41.3	62.5	7 700*	45.9	64.0	8 800*	52.2	65.8	10 700*	57.9	67.0	13 100*	25.0
26.0	37.9	61.2	7 200*	42.8	62.9	8 100*	49.4	64.9	9 800*	55.3	66.3	12 000*	26.0
27.0	34.2	59.8	6 600*	39.6	61.7	7 500*	46.5	64.0	9 000*	52.7	65.6	11 000*	27.0
28.0	30.1	58.1	6 200*	36.0	60.4	6 900*	43.5	62.9	8 400*	50.0	64.7	10 100*	28.0
29.0	25.4	56.1	5 700*	32.2	58.8	6 400*	40.3	61.7	7 700*	47.1	63.8	9 300*	29.0
30.0	19.6	53.5	5 300*	27.8	57.0	6 000*	36.8	60.4	7 100*	44.1	62.8	8 600*	30.0
31.0				22.6	54.7	5 500*	33.0	58.9	6 600*	40.9	61.6	7 900*	31.0
32.0				15.7	51.6	5 200*	28.7	57.2	6 100*	37.5	60.3	7 300*	32.0
33.0							23.8	55.0	5 700*	33.8	58.9	6 800*	33.0
34.0										29.6	57.2	6 300*	34.0
35.0										24.8	55.1	5 900*	35.0
36.0										18.8	52.4	5 400*	36.0

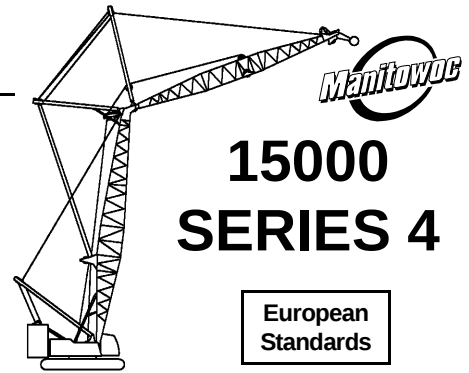
Capacities indicated by (b) require 1 180 kg minimum block weight.
Capacities based on structural competence are denoted by an asterisk (*).

Liftcrane Luffing Jib Intermediate Fall 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

Int. Fall Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			Int. Fall Oper. Rad. m
	Jib		Intermediate Fall	Jib		Intermediate Fall	Jib		Intermediate Fall	Jib		Intermediate Fall	
	Ang. Deg.	Elev. m		Capacity Kilograms	Ang. Deg.		Elev. m	Capacity Kilograms		Ang. Deg.	Elev. m		
12.2	75.7	74.2	26 700*										12.2
13.0	74.1	73.9	26 300*										13.0
14.0	72.1	73.6	25 500*										14.0
15.0	70.1	73.3	23 000*										15.0
16.0	68.1	72.8	20 600*	71.1	73.3	24 000*							16.0
17.0	66.0	72.4	18 500*	69.0	72.9	21 600*							17.0
18.0	63.9	71.9	16 800*	67.0	72.5	19 500*							18.0
19.0	61.7	71.4	15 300*	64.9	72.1	17 700*	69.5	72.8	22 200*				19.0
20.0	59.5	70.8	13 900*	62.8	71.5	16 000*	67.4	72.4	20 100*				20.0
21.0	57.3	70.1	12 700*	60.6	71.0	14 600*	65.3	71.9	18 200*				21.0
22.0	55.0	69.4	11 700*	58.4	70.3	13 400*	63.2	71.4	16 500*				22.0
23.0	52.6	68.7	10 800*	56.1	69.7	12 300*	61.1	70.8	15 000*	65.7	71.6	18 500*	23.0
24.0	50.2	67.8	10 000*	53.8	68.9	11 300*	58.9	70.2	13 700*	63.6	71.1	16 900*	24.0
25.0	47.6	66.9	9 200*	51.3	68.1	10 400*	56.6	69.6	12 600*	61.5	70.6	15 300*	25.0
26.0	44.9	65.9	8 600*	48.8	67.3	9 700*	54.3	68.8	11 700*	59.3	70.0	14 100*	26.0
27.0	42.1	64.8	7 900*	46.2	66.3	9 000*	51.9	68.1	10 700*	57.0	69.3	12 900*	27.0
28.0	39.2	63.6	7 400*	43.5	65.3	8 300*	49.4	67.2	9 900*	54.7	68.6	11 900*	28.0
29.0	36.0	62.2	6 900*	40.6	64.1	7 700*	46.8	66.3	9 200*	52.3	67.9	11 000*	29.0
30.0	32.5	60.7	6 400*	37.5	62.8	7 200*	44.1	65.2	8 600*	49.9	67.0	10 200*	30.0
31.0	28.7	58.9	6 000*	34.2	61.4	6 700*	41.2	64.1	7 900*	47.3	66.1	9 500*	31.0
32.0	24.2	56.8	5 600*	30.6	59.7	6 300*	38.2	62.8	7 400*	44.6	65.1	8 800*	32.0
33.0	18.8	54.1	5 300*	26.5	57.8	5 800*	34.9	61.4	6 900*	41.8	64.0	8 200*	33.0
34.0				21.6	55.4	5 500*	31.4	59.8	6 400*	38.8	62.7	7 600*	34.0
35.0				15.2	52.2	5 100*	27.4	58.0	6 000*	35.6	61.4	7 100*	35.0
36.0							22.7	55.7	5 600*	32.1	59.8	6 600*	36.0
37.0										28.2	58.0	6 200*	37.0
38.0										23.7	55.8	5 700*	38.0
39.0										18.1	53.0	5 400*	39.0

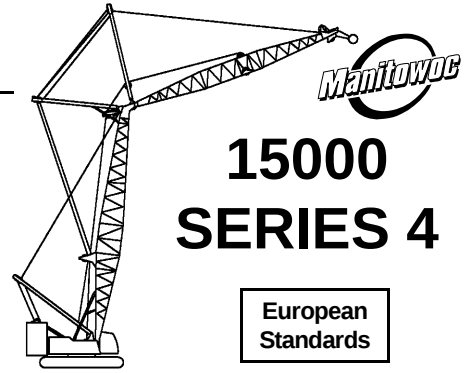
Capacities indicated by (b) require 1 180 kg minimum block weight.
Capacities based on structural competence are denoted by an asterisk (*).

Liftcrane Luffing Jib Intermediate Fall 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

Int. Fall Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			Int. Fall Oper. Rad. m
	Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall		
		Ang. Deg.	Elev. m		Capacity Kilograms	Ang. Deg.		Elev. m	Capacity Kilograms		Ang. Deg.	Elev. m	
13.7	74.3	76.9	25 200*										13.7
14.0	73.8	76.8	24 500*										14.0
15.0	72.0	76.5	22 100*										15.0
16.0	70.2	76.1	20 000*										16.0
17.0	68.3	75.7	18 200*	71.0	76.2	21 000*							17.0
18.0	66.4	75.3	16 700*	69.2	75.8	19 100*							18.0
19.0	64.5	74.8	15 300*	67.3	75.4	17 400*							19.0
20.0	62.6	74.3	14 100*	65.5	74.9	16 000*	69.6	75.7	19 500*				20.0
21.0	60.6	73.7	13 100*	63.5	74.4	14 700*	67.7	75.2	17 800*				21.0
22.0	58.6	73.1	12 100*	61.6	73.9	13 600*	65.9	74.8	16 300*				22.0
23.0	56.6	72.4	11 200*	59.6	73.3	12 600*	63.9	74.3	15 000*				23.0
24.0	54.5	71.7	10 200*	57.6	72.7	11 700*	62.0	73.8	13 800*				24.0
25.0	52.3	71.0	9 400*	55.5	72.0	10 800*	60.0	73.2	12 800*	64.3	74.1	15 300*	25.0
26.0	50.0	70.1	8 700*	53.3	71.2	9 900*	58.0	72.6	11 900*	62.4	73.5	14 100*	26.0
27.0	47.7	69.2	8 000*	51.1	70.4	9 100*	55.9	71.9	11 000*	60.4	72.9	13 000*	27.0
28.0	45.3	68.2	7 400*	48.9	69.6	8 400*	53.8	71.2	10 200*	58.4	72.3	12 100*	28.0
29.0	42.8	67.2	6 800*	46.5	68.6	7 800*	51.6	70.4	9 400*	56.3	71.7	11 200*	29.0
30.0	40.2	66.0	6 300*	44.0	67.6	7 200*	49.3	69.5	8 600*	54.2	70.9	10 400*	30.0
31.0	37.4	64.7	5 800*	41.5	66.5	6 600*	47.0	68.6	8 000*	52.0	70.2	9 600*	31.0
32.0	34.3	63.2	5 400*	38.7	65.2	6 100*	44.6	67.6	7 400*	49.8	69.3	8 900*	32.0
33.0	31.1	61.6	5 000*	35.8	63.9	5 700*	42.0	66.5	6 800*	47.5	68.4	8 200*	33.0
34.0	27.4	59.7	4 600*	32.7	62.3	5 200*	39.3	65.2	6 300*	45.0	67.4	7 600*	34.0
35.0	23.3	57.5	4 300*	29.2	60.6	4 900*	36.5	63.9	5 900*	42.5	66.3	7 000*	35.0
36.0	18.1	54.7	4 000*	25.4	58.5	4 500*	33.4	62.4	5 400*	39.9	65.1	6 500*	36.0
37.0				20.8	56.1	4 200*	30.0	60.7	5 000*	37.0	63.8	6 000*	37.0
38.0				14.8	52.7	3 900*	26.2	58.8	4 700*	34.0	62.4	5 600*	38.0
39.0							21.8	56.4	4 300*	30.7	60.7	5 200*	39.0
40.0										27.0	58.8	4 800*	40.0
42.0										17.5	53.6	4 100*	42.0

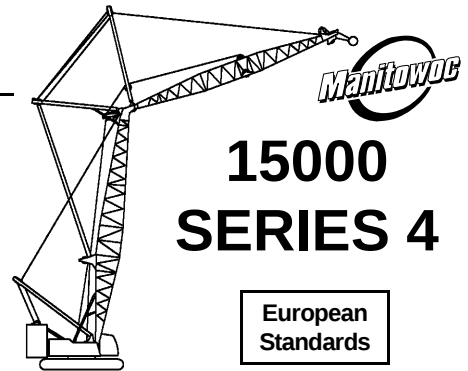
Capacities indicated by (b) require 1 180 kg minimum block weight.
Capacities based on structural competence are denoted by an asterisk (*).

Liftcrane Luffing Jib Intermediate Fall 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

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

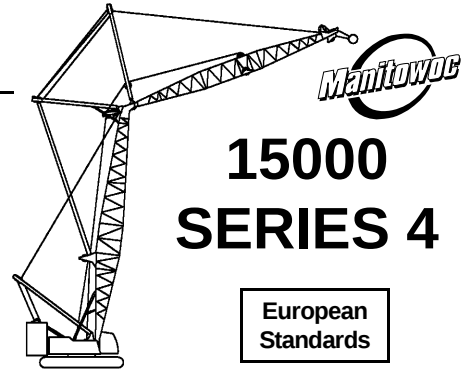
Int. Fall Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			Int. Fall Oper. Rad. m
	Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		
		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms	
13.7	75.6	80.1	26 700*										13.7
14.0	75.2	80.0	26 100*										14.0
15.0	73.5	79.7	23 800*										15.0
16.0	71.9	79.4	21 800*										16.0
17.0	70.2	79.0	20 000*	72.7	79.4	22 900*							17.0
18.0	68.5	78.6	18 400*	71.0	79.1	20 900*							18.0
19.0	66.8	78.2	17 000*	69.3	78.7	19 200*							19.0
20.0	65.1	77.7	15 700*	67.6	78.3	17 600*							20.0
21.0	63.3	77.2	14 600*	65.9	77.8	16 300*							21.0
22.0	61.5	76.7	13 600*	64.2	77.4	15 100*	68.0	78.1	18 100*				22.0
23.0	59.7	76.1	12 600*	62.4	76.8	14 000*	66.3	77.7	16 600*				23.0
24.0	57.8	75.4	11 800*	60.6	76.3	13 100*	64.5	77.2	15 400*				24.0
25.0	56.0	74.8	11 000*	58.7	75.7	12 200*	62.8	76.7	14 300*	66.6	77.4	16 900*	25.0
26.0	54.0	74.1	10 300*	56.9	75.0	11 400*	61.0	76.1	13 300*	64.9	76.9	15 700*	26.0
27.0	52.0	73.3	9 600*	54.9	74.3	10 700*	59.1	75.5	12 400*	63.1	76.4	14 600*	27.0
28.0	50.0	72.4	8 900*	53.0	73.6	10 000*	57.3	74.9	11 600*	61.3	75.9	13 500*	28.0
29.0	47.8	71.5	8 300*	51.0	72.7	9 300*	55.4	74.2	10 900*	59.5	75.3	12 600*	29.0
30.0	45.6	70.6	7 700*	48.9	71.9	8 600*	53.4	73.5	10 200*	57.6	74.7	11 800*	30.0
31.0	43.4	69.5	7 200*	46.7	70.9	8 000*	51.4	72.7	9 500*	55.7	74.0	11 000*	31.0
32.0	41.0	68.3	6 700*	44.5	69.9	7 500*	49.3	71.8	8 900*	53.8	73.2	10 400*	32.0
33.0	38.5	67.1	6 200*	42.1	68.8	7 000*	47.2	70.9	8 300*	51.8	72.5	9 700*	33.0
34.0	35.8	65.7	5 800*	39.7	67.6	6 500*	45.0	69.9	7 700*	49.7	71.6	9 100*	34.0
35.0	32.9	64.2	5 400*	37.1	66.3	6 000*	42.6	68.8	7 200*	47.6	70.7	8 500*	35.0
36.0	29.8	62.5	5 000*	34.3	64.9	5 700*	40.2	67.6	6 700*	45.4	69.7	7 900*	36.0
37.0	26.4	60.5	4 700*	31.4	63.2	5 300*	37.7	66.3	6 300*	43.1	68.7	7 400*	37.0
38.0	22.4	58.2	4 300*	28.1	61.4	4 900*	34.9	64.9	5 800*	40.7	67.5	6 900*	38.0
39.0	17.6	55.3	3 300*	24.4	59.3	4 600*	32.0	63.4	5 400*	38.2	66.2	6 400*	39.0
40.0				20.1	56.7	4 100*	28.8	61.6	5 100*	35.5	64.8	6 000*	40.0
42.0							21.0	57.1	4 400*	29.5	61.6	5 200*	42.0
44.0										21.9	57.2	4 500*	44.0

Capacities indicated by (b) require 1 180 kg minimum block weight.
Capacities based on structural competence are denoted by an asterisk (*).

Liftcrane Luffing Jib Intermediate Fall Capacities

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

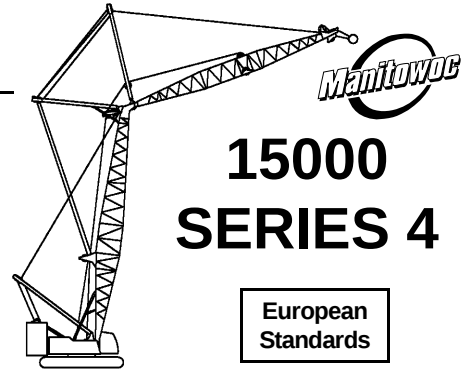
Maximum Operating Wind Speeds (all boom lengths)		
13 m/s with 21.3m thru 33.5m Luffing Jib		
11 m/s with 36.6m thru 42.7m Luffing Jib		
9 m/s with 45.7m thru 51.8m Luffing Jib		
7 m/s with 54.9m thru 67.1m Luffing Jib		
5 m/s with 70.1m and 73.2m Luffing Jib		



42.5m (139 Ft.) Boom, 73.2m (240 Ft.) Luffing Jib

Int. Fall Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			Int. Fall Oper. Rad. m
	Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall		
		Ang. Deg.	Elev. m		Capacity Kilograms	Ang. Deg.		Elev. m	Capacity Kilograms		Ang. Deg.	Elev. m	
15.2	74.5	82.8	22 400*										15.2
16.0	73.3	82.6	21 000*										16.0
17.0	71.8	82.3	19 200*										17.0
18.0	70.3	81.9	17 600*										18.0
19.0	68.7	81.5	16 200*	71.0	82.0	18 400*							19.0
20.0	67.1	81.1	15 000*	69.5	81.6	16 900*							20.0
21.0	65.5	80.6	13 800*	67.9	81.2	15 600*							21.0
22.0	63.9	80.1	12 800*	66.3	80.7	14 400*	69.8	81.4	17 300*				22.0
23.0	62.3	79.6	11 900*	64.7	80.3	13 300*	68.2	81.0	15 900*				23.0
24.0	60.6	79.0	11 100*	63.1	79.8	12 400*	66.6	80.6	14 700*				24.0
25.0	58.9	78.4	10 300*	61.4	79.2	11 500*	65.0	80.1	13 600*				25.0
26.0	57.2	77.8	9 600*	59.7	78.6	10 700*	63.4	79.6	12 600*	67.0	80.3	14 900*	26.0
27.0	55.4	77.1	9 000*	58.0	78.0	10 000*	61.8	79.1	11 700*	65.4	79.8	13 800*	27.0
28.0	53.6	76.4	8 400*	56.3	77.3	9 300*	60.1	78.5	10 900*	63.7	79.4	12 800*	28.0
29.0	51.8	75.6	7 800*	54.5	76.6	8 700*	58.4	77.9	10 200*	62.1	78.8	11 900*	29.0
30.0	49.9	74.7	7 300*	52.7	75.8	8 100*	56.7	77.2	9 500*	60.4	78.2	11 100*	30.0
31.0	47.9	73.8	6 800*	50.8	75.0	7 600*	54.9	76.5	8 800*	58.7	77.7	10 300*	31.0
32.0	45.9	72.9	6 400*	48.9	74.2	7 100*	53.1	75.8	8 300*	57.0	77.0	9 600*	32.0
33.0	43.8	71.8	6 000*	46.9	73.2	6 600*	51.2	75.0	7 700*	55.2	76.3	9 000*	33.0
34.0	41.7	70.7	5 600*	44.8	72.2	6 200*	49.3	74.1	7 200*	53.4	75.6	8 400*	34.0
35.0	39.4	69.5	5 200*	42.7	71.2	5 800*	47.3	73.2	6 700*	51.6	74.8	7 800*	35.0
36.0	37.0	68.2	4 800*	40.5	70.0	5 400*	45.3	72.2	6 300*	49.7	73.9	7 300*	36.0
37.0	34.4	66.7	4 500*	38.1	68.7	5 100*	43.2	71.1	5 900*	47.7	73.0	6 900*	37.0
38.0	31.7	65.1	4 200*	35.7	67.3	4 700*	41.0	70.0	5 500*	45.7	72.0	6 400*	38.0
39.0	28.7	63.4	3 800*	33.0	65.8	4 400*	38.6	68.7	5 200*	43.6	71.0	6 000*	39.0
40.0	25.5	61.3	3 500*	30.2	64.1	4 000*	36.2	67.4	4 800*	41.4	69.8	5 600*	40.0
42.0				23.6	60.0	3 400*	30.8	64.3	4 200*	36.7	67.3	4 900*	42.0
44.0							24.4	60.3	3 600*	31.4	64.2	4 300*	44.0
46.0										25.1	60.4	3 700*	46.0

Capacities indicated by (b) require 1 180 kg minimum block weight.
Capacities based on structural competence are denoted by an asterisk (*).



**15000
SERIES 4**

European
Standards

**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

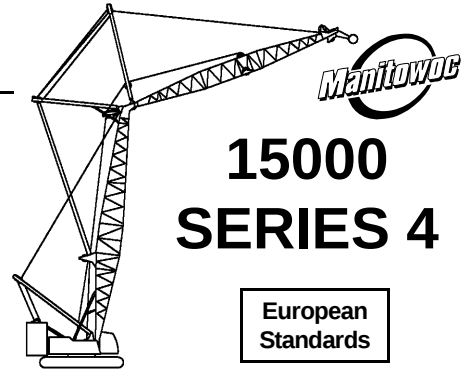
Int. Fall Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Int. Fall Oper. Rad. m
	Jib		Intermediate Fall Capacity Kilograms	Jib		Intermediate Fall Capacity Kilograms	Jib		Intermediate Fall Capacity Kilograms	Jib		Intermediate Fall Capacity Kilograms	Jib		Intermediate Fall Capacity Kilograms	Jib		Intermediate Fall Capacity Kilograms	
	Ang. Deg.	Elev. m		Ang. Deg.	Elev. m		Ang. Deg.	Elev. m		Ang. Deg.	Elev. m		Ang. Deg.	Elev. m		Ang. Deg.	Elev. m		
12.2	51.4	57.0	14 500*															12.2	
13.0	46.1	56.2	13 000*															13.0	
14.0	38.6	55.0	11 200*	50.0	56.7	14 200*												14.0	
15.0	29.3	53.3	9 800*	43.1	55.6	12 300*												15.0	
16.0				35.0	54.2	10 600*	52.3	56.7	15 300*b									16.0	
17.0							45.7	55.7	12 900*									17.0	
18.0							38.2	54.5	11 200*									18.0	
19.0							28.8	52.8	9 800*	48.1	55.7	13 800*						19.0	
20.0										41.0	54.6	11 800*						20.0	
21.0										32.4	53.1	10 300*						21.0	
22.0													53.6	55.6	16 100*b			22.0	
23.0													47.2	54.7	13 500*			23.0	
24.0													39.9	53.5	11 700*			24.0	
25.0													31.0	51.9	10 300*			25.0	
26.0																52.2	54.1	15 500*	26.0
27.0																45.6	53.2	13 300*	27.0
28.0																38.0	51.9	11 400*	28.0

Capacities indicated by (b) require 1 180 kg minimum block weight.
Capacities based on structural competence are denoted by an asterisk (*).

Liftcrane Luffing Jib Intermediate Fall Capacities

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

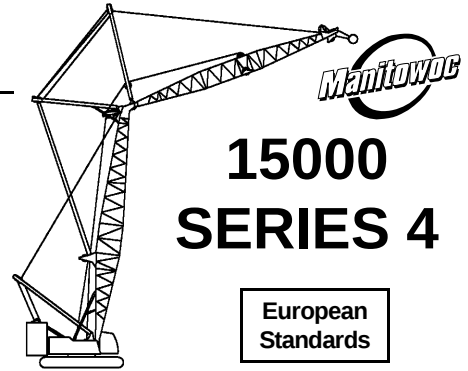
Maximum Operating Wind Speeds (all boom lengths)	
13 m/s with 21.3m thru 33.5m Luffing Jib	
11 m/s with 36.6m thru 42.7m Luffing Jib	
9 m/s with 45.7m thru 51.8m Luffing Jib	
7 m/s with 54.9m thru 67.1m Luffing Jib	
5 m/s with 70.1m and 73.2m Luffing Jib	



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

Int. Fall Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Int. Fall Oper. Rad. m			
	Jib		Intermediate Fall	Jib		Intermediate Fall	Jib		Intermediate Fall	Jib		Intermediate Fall	Jib		Intermediate Fall	Jib		Intermediate Fall				
	Ang. Deg.	Elev. m		Capacity Kilograms	Ang. Deg.		Elev. m	Capacity Kilograms		Ang. Deg.	Elev. m		Capacity Kilograms	Ang. Deg.		Elev. m	Capacity Kilograms			Ang. Deg.	Elev. m	Capacity Kilograms
10.7	60.5	58.1	15 900* b			14 100*													10.7			
11.0	58.6	57.9	15 100* b																11.0			
12.0	52.6	57.1	12 600*																12.0			
13.0	46.1	56.2	10 600*																13.0			
14.0	38.6	55.0	9 200*																14.0			
15.0	29.3	53.3	8 000*	43.1	55.6	10 100*	52.3	56.7	12 700*	60.3	57.3	16 300* b							15.0			
16.0				35.0	54.2	8 700*													16.0			
17.0																			45.7	55.7	10 700*	17.0
18.0																			38.2	54.5	9 300*	18.0
19.0																			28.8	52.8	8 100*	19.0
20.0										41.0	54.6	9 800*		53.6	55.6	13 400*			20.0			
21.0										32.4	53.1	8 500*							21.0			
22.0																			47.2	54.7	11 300*	22.0
23.0																			39.9	53.5	9 700*	23.0
24.0																						
25.0													31.0	51.9	8 400*				25.0			
26.0																52.2	54.1	12 900*	26.0			
27.0																45.6	53.2	11 000*	27.0			
28.0																38.0	51.9	9 400*	28.0			

Capacities indicated by (b) require 1 180 kg minimum block weight.
Capacities based on structural competence are denoted by an asterisk (*).



**15000
SERIES 4**

European
Standards

**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

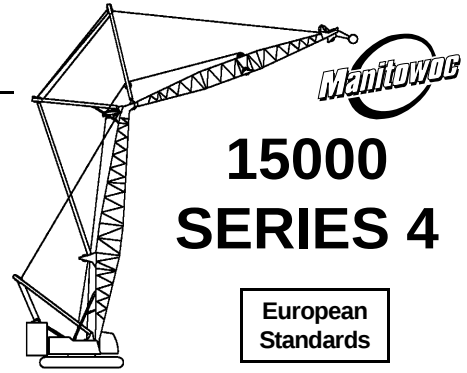
Int. Fall Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Int. Fall Oper. Rad. m
	Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		
		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms	
10.7	60.5	58.1	14 100*															10.7	
11.0	58.6	57.9	13 400*															11.0	
12.0	52.6	57.1	11 100*															12.0	
13.0	46.1	56.2	9 300*	56.2	57.5	12 500*												13.0	
14.0	38.6	55.0	8 000*	50.0	56.7	10 300*												14.0	
15.0	29.3	53.3	7 000*	43.1	55.6	8 800*												15.0	
16.0				35.0	54.2	7 600*	52.3	56.7	11 200*									16.0	
17.0							45.7	55.7	9 400*	60.3	57.3	14 400*						17.0	
18.0							38.2	54.5	8 100*	54.5	56.6	12 000*						18.0	
19.0							28.8	52.8	7 000*	48.1	55.7	9 900*						19.0	
20.0										41.0	54.6	8 500*						20.0	
21.0										32.4	53.1	7 400*						21.0	
22.0													53.6	55.6	11 800*			22.0	
23.0													47.2	54.7	9 800*			23.0	
24.0													39.9	53.5	8 400*			24.0	
25.0													31.0	51.9	7 300*			25.0	
26.0																52.2	54.1	26.0	
27.0																45.6	53.2	27.0	
28.0																38.0	51.9	28.0	

Capacities indicated by (b) require 1 180 kg minimum block weight.
Capacities based on structural competence are denoted by an asterisk (*).

Liftcrane Luffing Jib Intermediate Fall Capacities

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

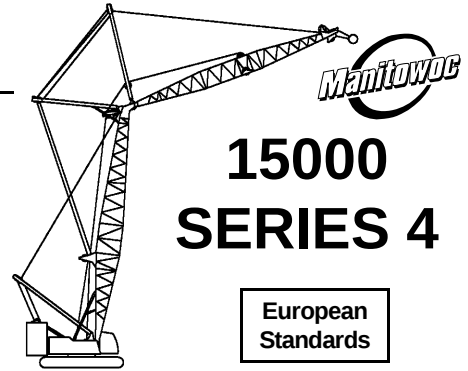
Maximum Operating Wind Speeds (all boom lengths)	
13 m/s with 21.3m thru 33.5m Luffing Jib	
11 m/s with 36.6m thru 42.7m Luffing Jib	
9 m/s with 45.7m thru 51.8m Luffing Jib	
7 m/s with 54.9m thru 67.1m Luffing Jib	
5 m/s with 70.1m and 73.2m Luffing Jib	



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

Int. Fall Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Int. Fall Oper. Rad. m
	Jib		Intermediate Fall	Jib		Intermediate Fall	Jib		Intermediate Fall	Jib		Intermediate Fall	Jib		Intermediate Fall	Jib		Intermediate Fall	
	Ang. Deg.	Elev. m		Capacity Kilograms	Ang. Deg.		Elev. m	Capacity Kilograms		Ang. Deg.	Elev. m		Capacity Kilograms	Ang. Deg.		Elev. m	Capacity Kilograms		
10.7	67.0	61.6	20 300*															10.7	
11.0	65.6	61.4	19 200*															11.0	
12.0	61.2	60.9	16 000*															12.0	
13.0	56.7	60.2	13 500*	63.8	61.1	18 000*												13.0	
14.0	51.9	59.4	11 700*	59.4	60.5	14 900*												14.0	
15.0	46.7	58.5	10 200*	54.7	59.8	12 700*												15.0	
16.0	41.0	57.3	9 000*	49.8	59.0	11 100*	61.0	60.5	16 200*									16.0	
17.0	34.4	55.9	8 000*	44.4	57.9	9 700*	56.5	59.8	13 600*	66.8	60.8	20 800*						17.0	
18.0	26.3	54.0	7 100*	38.4	56.7	8 600*	51.6	59.0	11 700*	62.6	60.3	17 300*						18.0	
19.0				31.3	55.1	7 600*	46.4	58.1	10 200*	58.1	59.7	14 400*						19.0	
20.0							40.7	56.9	9 000*	53.4	58.9	12 400*						20.0	
21.0							34.0	55.5	8 000*	48.3	58.0	10 800*						21.0	
22.0							25.8	53.6	7 100*	42.8	57.0	9 500*						22.0	
23.0										36.5	55.6	8 400*	57.5	58.7	14 300*			23.0	
24.0										29.0	53.9	7 400*	52.7	57.9	12 400*			24.0	
25.0													47.6	57.0	10 700*			25.0	
26.0													41.9	55.9	9 400*			26.0	
27.0													35.6	54.5	8 300*			27.0	
28.0													27.8	52.7	7 400*	51.5	56.4	12 100*	
29.0																46.3	55.5	10 500*	
30.0																40.5	54.3	9 200*	
31.0																33.9	52.9	8 200*	
32.0																25.6	51.0	7 300*	

Capacities indicated by (b) require 1 180 kg minimum block weight.
Capacities based on structural competence are denoted by an asterisk (*).



Liftcrane Luffing Jib Intermediate Fall 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

**European
Standards**

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

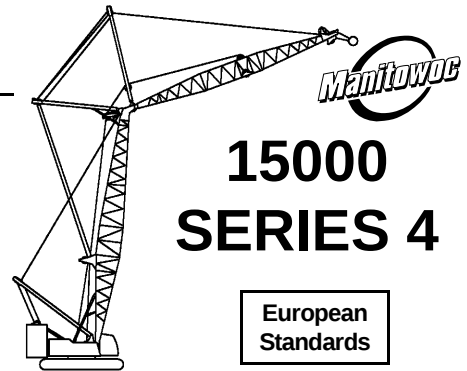
Int. Fall Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Int. Fall Oper. Rad. m
	Jib		Intermediate Fall	Jib		Intermediate Fall	Jib		Intermediate Fall	Jib		Intermediate Fall	Jib		Intermediate Fall	Jib		Intermediate Fall	
	Ang. Deg.	Elev. m		Ang. Deg.	Elev. m		Ang. Deg.	Elev. m		Ang. Deg.	Elev. m		Ang. Deg.	Elev. m		Ang. Deg.	Elev. m		
9.1	68.7	58.9	18 700* ^b															9.1	
10.0	64.2	58.5	15 600*															10.0	
11.0	58.6	57.9	12 400*	67.3	58.7	17 900* ^b												11.0	
12.0	52.6	57.1	10 300*	61.9	58.2	14 200*												12.0	
13.0	46.1	56.2	8 800*	56.2	57.5	11 500*												13.0	
14.0	38.6	55.0	7 700*	50.0	56.7	9 800*	63.9	58.1	15 500*									14.0	
15.0	29.3	53.3	6 700*	43.1	55.6	8 400*	58.3	57.5	12 600*									15.0	
16.0				35.0	54.2	7 300*	52.3	56.7	10 400*									16.0	
17.0							45.7	55.7	8 900*	60.3	57.3	13 600*						17.0	
18.0							38.2	54.5	7 700*	54.5	56.6	11 300*						18.0	
19.0							28.8	52.8	6 700*	48.1	55.7	9 400*						19.0	
20.0										41.0	54.6	8 200*						20.0	
21.0										32.4	53.1	7 100*						21.0	
22.0													53.6	55.6	11 200*			22.0	
23.0													47.2	54.7	9 300*			23.0	
24.0													39.9	53.5	8 000*			24.0	
25.0													31.0	51.9	7 000*			25.0	
26.0																52.2	54.1	10 700*	
27.0																45.6	53.2	9 200*	
28.0																38.0	51.9	7 800*	

Capacities indicated by (b) require 1 180 kg minimum block weight.
Capacities based on structural competence are denoted by an asterisk (*).

Liftcrane Luffing Jib Intermediate Fall Capacities

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

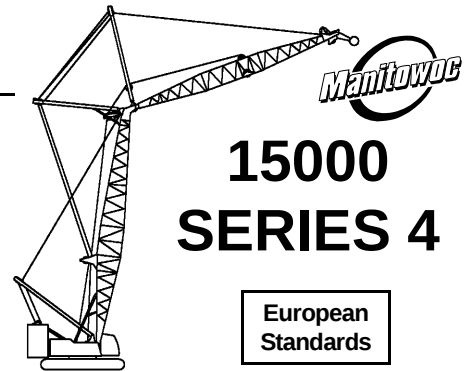
Maximum Operating Wind Speeds
(all boom lengths)
13 m/s with 21.3m thru 33.5m Luffing Jib
11 m/s with 36.6m thru 42.7m Luffing Jib
9 m/s with 45.7m thru 51.8m Luffing Jib
7 m/s with 54.9m thru 67.1m Luffing Jib
5 m/s with 70.1m and 73.2m Luffing Jib



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

Int. Fall Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Int. Fall Oper. Rad. m																																		
	Jib		Intermediate Fall	Jib		Intermediate Fall	Jib		Intermediate Fall	Jib		Intermediate Fall	Jib		Intermediate Fall	Jib		Intermediate Fall																																			
	Ang. Deg.	Elev. m		Capacity Kilograms	Ang. Deg.		Elev. m	Capacity Kilograms		Ang. Deg.	Elev. m		Capacity Kilograms	Ang. Deg.		Elev. m	Capacity Kilograms			Ang. Deg.	Elev. m	Capacity Kilograms																															
9.1	73.2	62.2	25 900* ^b	72.1	62.0	24 800* ^b												9.1																																			
10.0	69.7	61.9	21 700*																68.0	61.6	19 600*										10.0																						
11.0	65.6	61.4	17 100*																													63.8	61.1	15 800*									11.0										
12.0	61.2	60.9	14 300*																																																		12.0
13.0	56.7	60.2	12 100*																																																		
14.0	51.9	59.4	10 500*	59.4	60.5	13 400*	69.5	61.5	21 500*	66.8	60.8	18 800*						14.0																																			
15.0	46.7	58.5	9 200*	54.7	59.8	11 500*	65.4	61.0	17 400*										62.6	60.3	15 600*					15.0																											
16.0	41.0	57.3	8 100*	49.8	59.0	10 000*	61.0	60.5	14 300*																		56.5	59.8	12 200*					16.0																			
17.0	34.4	55.9	7 200*	44.4	57.9	8 700*	56.5	59.8	12 200*																										51.6	59.0	10 500*					17.0											
18.0	26.3	54.0	6 400*	38.4	56.7	7 700*	51.6	59.0	10 500*																																								18.0				
19.0				31.3	55.1	6 800*	46.4	58.1	9 200*	58.1	59.7	12 900*							19.0																																		
20.0							40.7	56.9	8 100*	53.4	58.9	11 100*								57.5	58.7	12 900*				20.0																											
21.0							34.0	55.5	7 200*	48.3	58.0	9 700*															42.8	57.0	8 500*				21.0																				
22.0							25.8	53.6	6 400*	42.8	57.0	8 500*																						36.5	55.6	7 500*	57.5	58.7	12 900*	22.0													
23.0																																														23.0							
24.0										29.0	53.9	6 700*	52.7	57.9	11 100*				24.0																																		
25.0													47.6	57.0	9 600*					35.6	54.5	7 500*	51.5	56.4	10 900*	25.0																											
26.0													41.9	55.9	8 500*												27.8	52.7	6 600*	46.3	55.5	9 400*	26.0																				
27.0													35.6	54.5	7 500*																			40.5	54.3	8 300*	30.0																
28.0																																						33.9	52.9	7 300*	31.0												
29.0																		29.0																																			
30.0																																		30.0																			
31.0																																			31.0																		
32.0																		32.0																																			

Capacities indicated by (b) require 1 180 kg minimum block weight.
Capacities based on structural competence are denoted by an asterisk (*).



Liftcrane Luffing Jib Intermediate Fall 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

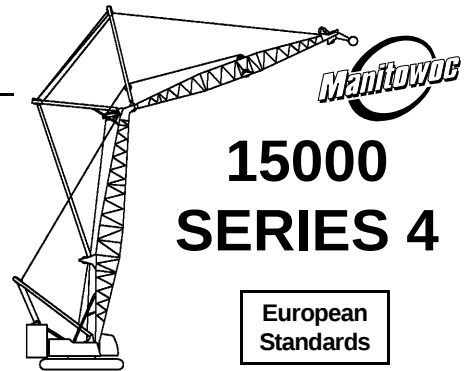
Int. Fall Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Int. Fall Oper. Rad. m
	Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		
		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms	
10.7	71.1	64.9	23 100*															10.7	
11.0	69.9	64.8	21 900*															11.0	
12.0	66.5	64.3	18 300*															12.0	
13.0	62.9	63.8	15 400*	68.5	64.5	20 500*												13.0	
14.0	59.3	63.2	13 400*	65.0	64.0	17 000*												14.0	
15.0	55.4	62.5	11 700*	61.4	63.5	14 600*												15.0	
16.0	51.4	61.7	10 300*	57.7	62.8	12 700*	66.3	63.9	18 500*									16.0	
17.0	47.1	60.8	9 200*	53.8	62.1	11 100*	62.8	63.4	15 500*									17.0	
18.0	42.4	59.7	8 200*	49.6	61.2	9 900*	59.1	62.8	13 400*									18.0	
19.0	37.3	58.4	7 400*	45.2	60.3	8 800*	55.2	62.1	11 700*	64.0	63.2	16 700*						19.0	
20.0	31.4	56.8	6 700*	40.4	59.1	7 900*	51.2	61.3	10 400*	60.4	62.7	14 200*						20.0	
21.0	24.1	54.8	6 000*	35.0	57.7	7 100*	46.9	60.4	9 200*	56.6	62.0	12 300*						21.0	
22.0				28.6	56.0	6 400*	42.2	59.3	8 200*	52.6	61.2	10 900*						22.0	
23.0							37.0	58.0	7 400*	48.4	60.3	9 700*						23.0	
24.0							31.1	56.4	6 700*	43.9	59.3	8 600*						24.0	
25.0							23.7	54.3	6 000*	38.9	58.1	7 700*	56.1	61.0	12 400*			25.0	
26.0										33.3	56.6	7 000*	52.1	60.2	10 800*			26.0	
27.0										26.6	54.7	6 300*	47.8	59.3	9 600*			27.0	
28.0													43.2	58.2	8 600*			28.0	
29.0													38.2	57.0	7 700*	55.3	59.6	12 100*	
30.0													32.5	55.5	6 900*	51.1	58.7	10 700*	
31.0													25.5	53.5	6 300*	46.8	57.8	9 400*	
32.0													15.5	50.5	5 700*	42.1	56.7	8 400*	
33.0																36.9	55.4	7 600*	
34.0																31.0	53.8	6 800*	
35.0																23.6	51.7	6 200*	

Capacities indicated by (b) require 1 180 kg minimum block weight.
Capacities based on structural competence are denoted by an asterisk (*).

Liftcrane Luffing Jib Intermediate Fall 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



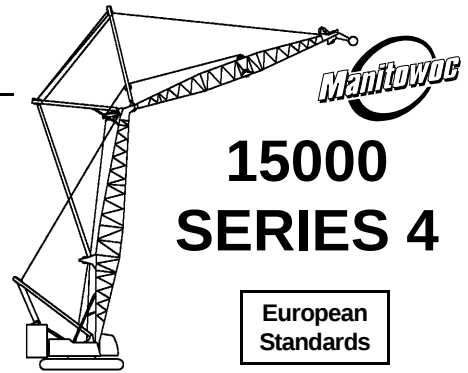
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SERIES 4**

European
Standards

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

Int. Fall Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Int. Fall Oper. Rad. m
	Jib		Intermediate Fall	Jib		Intermediate Fall	Jib		Intermediate Fall	Jib		Intermediate Fall	Jib		Intermediate Fall	Jib		Intermediate Fall	
	Ang. Deg.	Elev. m		Ang. Deg.	Elev. m		Capacity Kilograms	Ang. Deg.		Elev. m	Capacity Kilograms		Ang. Deg.	Elev. m		Capacity Kilograms	Ang. Deg.		
10.7	73.9	68.1	26 700*																10.7
11.0	72.9	68.0	25 900*																11.0
12.0	70.1	67.7	23 300*																12.0
13.0	67.1	67.2	20 500*																13.0
14.0	64.1	66.7	17 400*	68.8	67.4	22 300*													14.0
15.0	61.0	66.2	15 300*	65.9	66.9	19 200*													15.0
16.0	57.8	65.5	13 500*	62.8	66.4	16 600*													16.0
17.0	54.5	64.8	12 000*	59.7	65.8	14 600*	67.0	66.8	20 300*										17.0
18.0	51.0	64.0	10 800*	56.5	65.2	13 000*	64.0	66.3	17 600*										18.0
19.0	47.4	63.1	9 700*	53.1	64.4	11 600*	60.9	65.8	15 400*										19.0
20.0	43.5	62.0	8 800*	49.5	63.5	10 400*	57.7	65.1	13 600*	65.0	66.1	18 600*							20.0
21.0	39.2	60.8	8 000*	45.8	62.6	9 400*	54.4	64.4	12 100*	62.0	65.6	16 300*							21.0
22.0	34.5	59.4	7 300*	41.8	61.5	8 500*	50.9	63.6	10 900*	58.8	65.0	14 300*							22.0
23.0	29.2	57.7	6 600*	37.3	60.2	7 700*	47.2	62.7	9 800*	55.5	64.3	12 700*							23.0
24.0	22.5	55.5	6 000*	32.4	58.7	7 000*	43.3	61.6	8 900*	52.1	63.5	11 400*							24.0
25.0				26.6	56.7	6 400*	39.0	60.4	8 100*	48.5	62.6	10 200*							25.0
26.0							34.3	59.0	7 300*	44.7	61.6	9 300*	58.4	64.0	14 200*				26.0
27.0							28.9	57.2	6 700*	40.6	60.5	8 400*	55.1	63.3	12 700*				27.0
28.0							22.2	55.0	6 100*	36.0	59.1	7 600*	51.6	62.5	11 300*				28.0
29.0										30.9	57.5	7 000*	48.0	61.6	10 200*				29.0
30.0										24.7	55.5	6 300*	44.1	60.6	9 200*				30.0
31.0													40.0	59.4	8 400*	54.3	61.8	12 500*	31.0
32.0													35.4	58.0	7 600*	50.8	61.0	11 100*	32.0
33.0													30.1	56.3	6 900*	47.1	60.1	10 000*	33.0
34.0													23.8	54.2	6 300*	43.2	59.0	9 100*	34.0
35.0													14.8	51.0	5 800*	38.9	57.8	8 200*	35.0
36.0																34.2	56.4	7 500*	36.0
37.0																28.8	54.6	6 800*	37.0
38.0																22.0	52.4	6 300*	38.0

Capacities indicated by (b) require 1 180 kg minimum block weight.
Capacities based on structural competence are denoted by an asterisk (*).



Liftcrane Luffing Jib Intermediate Fall 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

**European
Standards**

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

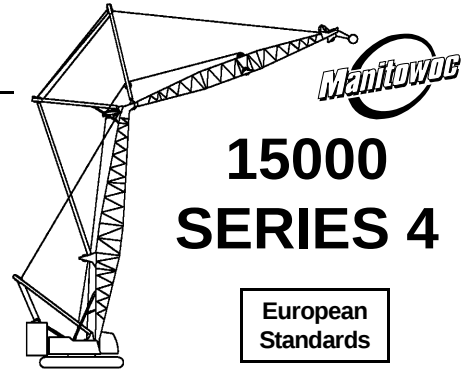
Int. Fall Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Int. Fall Oper. Rad. m
	Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		
		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms	
10.7	76.0	71.3	26 700*															10.7	
11.0	75.2	71.2	26 700*															11.0	
12.0	72.7	70.9	26 700*															12.0	
13.0	70.2	70.5	24 200*															13.0	
14.0	67.6	70.1	21 200*	71.6	70.7	25 900*												14.0	
15.0	65.0	69.7	18 600*	69.1	70.3	22 900*												15.0	
16.0	62.3	69.1	16 500*	66.5	69.8	20 200*												16.0	
17.0	59.6	68.5	14 800*	63.9	69.3	17 700*	70.0	70.1	24 400*									17.0	
18.0	56.8	67.9	13 300*	61.2	68.8	15 800*	67.5	69.7	21 300*									18.0	
19.0	53.8	67.1	12 000*	58.4	68.2	14 200*	64.9	69.2	18 600*									19.0	
20.0	50.8	66.3	10 900*	55.6	67.5	12 800*	62.2	68.7	16 600*									20.0	
21.0	47.6	65.4	9 900*	52.6	66.7	11 600*	59.4	68.1	14 800*									21.0	
22.0	44.2	64.4	9 100*	49.5	65.8	10 600*	56.6	67.5	13 400*	63.1	68.5	17 500*						22.0	
23.0	40.6	63.2	8 300*	46.2	64.9	9 600*	53.7	66.7	12 100*	60.4	67.9	15 500*						23.0	
24.0	36.7	61.9	7 700*	42.7	63.8	8 800*	50.6	65.9	11 000*	57.6	67.3	14 000*						24.0	
25.0	32.4	60.4	7 100*	39.0	62.6	8 100*	47.4	65.0	10 000*	54.7	66.6	12 600*						25.0	
26.0	27.4	58.5	6 500*	35.0	61.2	7 500*	44.0	64.0	9 200*	51.7	65.8	11 500*						26.0	
27.0	21.3	56.1	6 000*	30.4	59.5	6 900*	40.4	62.8	8 400*	48.6	64.9	10 500*						27.0	
28.0				25.0	57.5	6 400*	36.5	61.5	7 800*	45.3	64.0	9 600*	57.2	66.3	13 900*			28.0	
29.0							32.1	59.9	7 100*	41.7	62.8	8 800*	54.3	65.6	12 600*			29.0	
30.0							27.1	58.0	6 600*	37.9	61.6	8 100*	51.3	64.8	11 400*			30.0	
31.0							21.0	55.6	6 100*	33.7	60.1	7 400*	48.1	63.9	10 400*			31.0	
32.0							11.7	51.8	5 600*	29.0	58.4	6 800*	44.8	62.9	9 600*	56.5	64.9	13 600*	
33.0										23.3	56.2	6 300*	41.2	61.7	8 800*	53.6	64.2	12 400*	
34.0													37.4	60.5	8 100*	50.6	63.3	11 300*	
35.0													33.1	59.0	7 400*	47.4	62.4	10 300*	
36.0													28.3	57.2	6 800*	44.0	61.4	9 400*	
37.0													22.4	54.9	6 300*	40.4	60.2	8 700*	
38.0													14.2	51.6	5 800*	36.4	58.9	8 000*	
39.0																32.0	57.3	7 400*	
40.0																27.0	55.5	6 800*	

Capacities indicated by (b) require 1 180 kg minimum block weight.
Capacities based on structural competence are denoted by an asterisk (*).

Liftcrane Luffing Jib Intermediate Fall 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

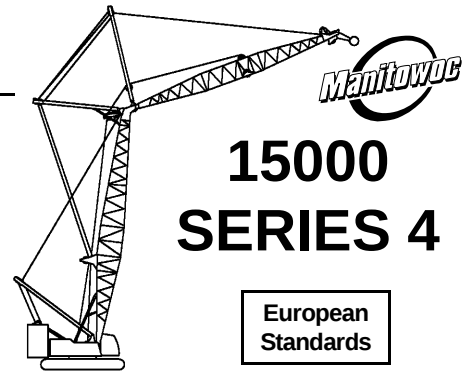
Int. Fall Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			Int. Fall Oper. Rad. m
	Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall		
		Ang. Deg.	Elev. m		Capacity Kilograms	Ang. Deg.		Elev. m	Capacity Kilograms		Ang. Deg.	Elev. m		Capacity Kilograms	Ang. Deg.	
12.2	74.3	74.0	26 700*													12.2
13.0	72.5	73.8	26 700*													13.0
14.0	70.2	73.4	26 000*													14.0
15.0	68.0	73.0	23 700*													15.0
16.0	65.7	72.6	21 300*	69.3	73.1	25 100*										16.0
17.0	63.3	72.0	19 000*	67.0	72.7	22 900*										17.0
18.0	60.9	71.5	17 100*	64.7	72.2	20 400*										18.0
19.0	58.4	70.9	15 500*	62.3	71.7	18 300*	67.9	72.6	24 000*							19.0
20.0	55.9	70.2	14 200*	59.9	71.1	16 600*	65.6	72.2	21 300*							20.0
21.0	53.3	69.4	12 900*	57.4	70.5	15 100*	63.2	71.7	19 100*							21.0
22.0	50.6	68.6	11 900*	54.8	69.8	13 700*	60.8	71.1	17 300*	66.4	71.9	22 300*				22.0
23.0	47.7	67.7	10 900*	52.2	69.0	12 600*	58.3	70.5	15 700*	64.0	71.4	19 900*				23.0
24.0	44.8	66.7	10 100*	49.4	68.1	11 600*	55.8	69.8	14 300*	61.6	70.9	18 000*				24.0
25.0	41.6	65.6	9 300*	46.5	67.2	10 600*	53.2	69.0	13 100*	59.2	70.3	16 300*				25.0
26.0	38.3	64.3	8 600*	43.5	66.2	9 800*	50.4	68.2	12 000*	56.7	69.6	14 900*				26.0
27.0	34.6	62.9	8 000*	40.3	65.0	9 100*	47.6	67.3	11 100*	54.1	68.9	13 600*				27.0
28.0	30.6	61.3	7 400*	36.8	63.7	8 400*	44.6	66.3	10 200*	51.4	68.1	12 500*	61.3	69.9	17 900*	28.0
29.0	25.9	59.3	6 900*	33.0	62.2	7 800*	41.5	65.2	9 400*	48.6	67.2	11 500*	58.9	69.3	16 300*	29.0
30.0	20.3	56.8	6 400*	28.7	60.4	7 300*	38.1	63.9	8 700*	45.7	66.3	10 600*	56.3	68.6	14 800*	30.0
31.0				23.8	58.2	6 800*	34.4	62.5	8 100*	42.6	65.2	9 800*	53.7	67.9	13 600*	31.0
32.0				17.4	55.4	6 300*	30.4	60.8	7 500*	39.3	64.0	9 100*	51.0	67.1	12 500*	32.0
33.0							25.7	58.8	7 000*	35.8	62.6	8 400*	48.2	66.2	11 500*	33.0
34.0							20.0	56.3	6 500*	31.9	61.0	7 800*	45.3	65.2	10 600*	34.0
35.0							11.5	52.4	6 100*	27.4	59.2	7 300*	42.2	64.1	9 800*	35.0
36.0										22.1	56.9	6 800*	38.8	62.9	9 100*	36.0
37.0													35.2	61.5	8 400*	37.0
38.0													31.3	59.9	7 900*	38.0
39.0													26.8	58.0	7 300*	39.0
40.0													21.3	55.6	6 800*	40.0

Capacities indicated by (b) require 1 180 kg minimum block weight.
Capacities based on structural competence are denoted by an asterisk (*).

Liftcrane Luffing Jib Intermediate Fall 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

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

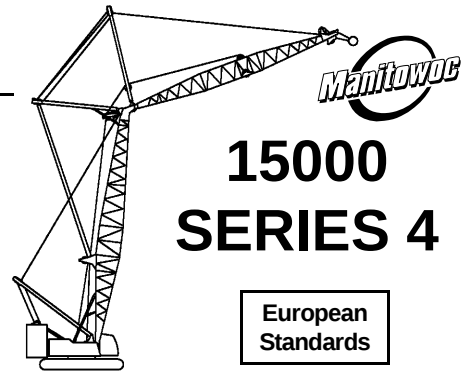
Int. Fall Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			Int. Fall Oper. Rad. m
	Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		
		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms	
10.7	76.0	71.3	26 700*													10.7
11.0	75.2	71.2	26 400*													11.0
12.0	72.7	70.9	25 500*													12.0
13.0	70.2	70.5	23 100*													13.0
14.0	67.6	70.1	19 500*	71.6	70.7	24 700*										14.0
15.0	65.0	69.7	17 200*	69.1	70.3	21 400*										15.0
16.0	62.3	69.1	15 200*	66.5	69.8	18 500*										16.0
17.0	59.6	68.5	13 600*	63.9	69.3	16 400*	70.0	70.1	22 600*							17.0
18.0	56.8	67.9	12 300*	61.2	68.8	14 600*	67.5	69.7	19 700*							18.0
19.0	53.8	67.1	11 100*	58.4	68.2	13 100*	64.9	69.2	17 200*							19.0
20.0	50.8	66.3	10 100*	55.6	67.5	11 800*	62.2	68.7	15 300*							20.0
21.0	47.6	65.4	9 200*	52.6	66.7	10 700*	59.4	68.1	13 700*							21.0
22.0	44.2	64.4	8 400*	49.5	65.8	9 800*	56.6	67.5	12 400*	63.1	68.5	16 200*				22.0
23.0	40.6	63.2	7 700*	46.2	64.9	8 900*	53.7	66.7	11 200*	60.4	67.9	14 400*				23.0
24.0	36.7	61.9	7 100*	42.7	63.8	8 200*	50.6	65.9	10 200*	57.6	67.3	12 900*				24.0
25.0	32.4	60.4	6 500*	39.0	62.6	7 500*	47.4	65.0	9 300*	54.7	66.6	11 700*				25.0
26.0	27.4	58.5	6 000*	35.0	61.2	6 900*	44.0	64.0	8 500*	51.7	65.8	10 600*				26.0
27.0	21.3	56.1	5 500*	30.4	59.5	6 300*	40.4	62.8	7 800*	48.6	64.9	9 700*				27.0
28.0				25.0	57.5	5 800*	36.5	61.5	7 200*	45.3	64.0	8 800*	57.2	66.3	12 900*	28.0
29.0							32.1	59.9	6 600*	41.7	62.8	8 100*	54.3	65.6	11 600*	29.0
30.0							27.1	58.0	6 100*	37.9	61.6	7 400*	51.3	64.8	10 600*	30.0
31.0							21.0	55.6	5 600*	33.7	60.1	6 900*	48.1	63.9	9 600*	31.0
32.0							11.7	51.8	5 200*	29.0	58.4	6 300*	44.8	62.9	8 800*	32.0
33.0										23.3	56.2	5 800*	41.2	61.7	8 100*	33.0
34.0													37.4	60.5	7 500*	34.0
35.0													33.1	59.0	6 900*	35.0
36.0													28.3	57.2	6 300*	36.0
37.0													22.4	54.9	5 800*	37.0
38.0													14.2	51.6	5 400*	38.0

Capacities indicated by (b) require 1 180 kg minimum block weight.
Capacities based on structural competence are denoted by an asterisk (*).

Liftcrane Luffing Jib Intermediate Fall 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

Int. Fall Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			Int. Fall Oper. Rad. m
	Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall		
		Ang. Deg.	Elev. m		Capacity Kilograms	Ang. Deg.		Elev. m	Capacity Kilograms		Ang. Deg.	Elev. m		Capacity Kilograms	Ang. Deg.	
12.2	74.3	74.0	26 700*													12.2
13.0	72.5	73.8	26 200*													13.0
14.0	70.2	73.4	25 100*													14.0
15.0	68.0	73.0	22 200*													15.0
16.0	65.7	72.6	19 400*	69.3	73.1	23 700*										16.0
17.0	63.3	72.0	17 400*	67.0	72.7	20 900*										17.0
18.0	60.9	71.5	15 700*	64.7	72.2	18 700*										18.0
19.0	58.4	70.9	14 300*	62.3	71.7	16 800*	67.9	72.6	22 000*							19.0
20.0	55.9	70.2	13 000*	59.9	71.1	15 200*	65.6	72.2	19 500*							20.0
21.0	53.3	69.4	11 900*	57.4	70.5	13 800*	63.2	71.7	17 500*							21.0
22.0	50.6	68.6	10 900*	54.8	69.8	12 600*	60.8	71.1	15 900*	66.4	71.9	20 500*				22.0
23.0	47.7	67.7	10 000*	52.2	69.0	11 500*	58.3	70.5	14 400*	64.0	71.4	18 300*				23.0
24.0	44.8	66.7	9 200*	49.4	68.1	10 600*	55.8	69.8	13 100*	61.6	70.9	16 500*				24.0
25.0	41.6	65.6	8 500*	46.5	67.2	9 700*	53.2	69.0	12 000*	59.2	70.3	15 000*				25.0
26.0	38.3	64.3	7 900*	43.5	66.2	9 000*	50.4	68.2	11 000*	56.7	69.6	13 700*				26.0
27.0	34.6	62.9	7 300*	40.3	65.0	8 300*	47.6	67.3	10 100*	54.1	68.9	12 500*				27.0
28.0	30.6	61.3	6 800*	36.8	63.7	7 700*	44.6	66.3	9 400*	51.4	68.1	11 400*	61.3	69.9	16 500*	28.0
29.0	25.9	59.3	6 300*	33.0	62.2	7 100*	41.5	65.2	8 700*	48.6	67.2	10 500*	58.9	69.3	14 900*	29.0
30.0	20.3	56.8	5 900*	28.7	60.4	6 600*	38.1	63.9	8 000*	45.7	66.3	9 700*	56.3	68.6	13 600*	30.0
31.0				23.8	58.2	6 200*	34.4	62.5	7 400*	42.6	65.2	9 000*	53.7	67.9	12 500*	31.0
32.0				17.4	55.4	5 800*	30.4	60.8	6 900*	39.3	64.0	8 300*	51.0	67.1	11 500*	32.0
33.0							25.7	58.8	6 400*	35.8	62.6	7 700*	48.2	66.2	10 600*	33.0
34.0							20.0	56.3	6 000*	31.9	61.0	7 100*	45.3	65.2	9 700*	34.0
35.0							11.5	52.4	5 500*	27.4	59.2	6 600*	42.2	64.1	9 000*	35.0
36.0										22.1	56.9	6 200*	38.8	62.9	8 300*	36.0
37.0													35.2	61.5	7 700*	37.0
38.0													31.3	59.9	7 200*	38.0
39.0													26.8	58.0	6 700*	39.0
40.0													21.3	55.6	6 200*	40.0

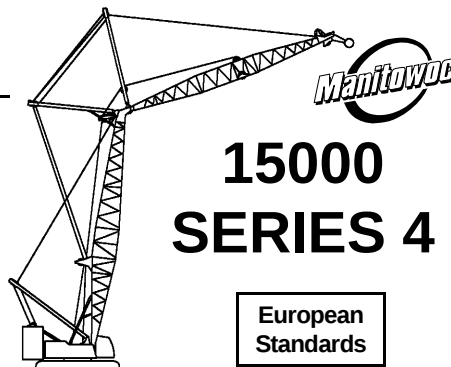
Capacities indicated by (b) require 1 180 kg minimum block weight.
Capacities based on structural competence are denoted by an asterisk (*).

Liftcrane Luffing Jib Intermediate Fall 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

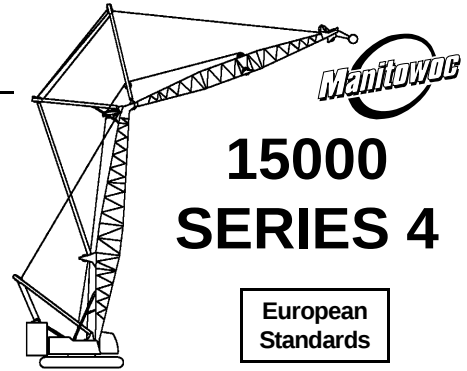
Int. Fall Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			Int. Fall Oper. Rad. m
	Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		
		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms	
10.7	76.0	71.3	26 700*										10.7
11.0	75.2	71.2	26 000*										11.0
12.0	72.7	70.9	23 900*										12.0
13.0	70.2	70.5	21 200*										13.0
14.0	67.6	70.1	18 100*	71.6	70.7	23 000*							14.0
15.0	65.0	69.7	15 900*	69.1	70.3	19 800*							15.0
16.0	62.3	69.1	14 100*	66.5	69.8	17 200*							16.0
17.0	59.6	68.5	12 600*	63.9	69.3	15 200*	70.0	70.1	21 000*				17.0
18.0	56.8	67.9	11 300*	61.2	68.8	13 600*	67.5	69.7	18 300*				18.0
19.0	53.8	67.1	10 200*	58.4	68.2	12 200*	64.9	69.2	16 000*				19.0
20.0	50.8	66.3	9 300*	55.6	67.5	10 900*	62.2	68.7	14 200*				20.0
21.0	47.6	65.4	8 500*	52.6	66.7	9 900*	59.4	68.1	12 700*				21.0
22.0	44.2	64.4	7 800*	49.5	65.8	9 000*	56.6	67.5	11 500*	63.1	68.5	15 000*	22.0
23.0	40.6	63.2	7 100*	46.2	64.9	8 200*	53.7	66.7	10 400*	60.4	67.9	13 300*	23.0
24.0	36.7	61.9	6 500*	42.7	63.8	7 500*	50.6	65.9	9 400*	57.6	67.3	12 000*	24.0
25.0	32.4	60.4	6 000*	39.0	62.6	6 900*	47.4	65.0	8 600*	54.7	66.6	10 800*	25.0
26.0	27.4	58.5	5 500*	35.0	61.2	6 300*	44.0	64.0	7 900*	51.7	65.8	9 800*	26.0
27.0	21.3	56.1	5 100*	30.4	59.5	5 800*	40.4	62.8	7 200*	48.6	64.9	9 000*	27.0
28.0				25.0	57.5	5 400*	36.5	61.5	6 600*	45.3	64.0	8 200*	28.0
29.0							32.1	59.9	6 100*	41.7	62.8	7 500*	29.0
30.0							27.1	58.0	5 600*	37.9	61.6	6 900*	30.0
31.0							21.0	55.6	5 200*	33.7	60.1	6 300*	31.0
32.0							11.7	51.8	4 800*	29.0	58.4	5 800*	32.0
33.0										23.3	56.2	5 400*	33.0

Capacities indicated by (b) require 1 180 kg minimum block weight.
Capacities based on structural competence are denoted by an asterisk (*).

Liftcrane Luffing Jib Intermediate Fall 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

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

Int. Fall Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			Int. Fall Oper. Rad. m
	Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall		
		Ang. Deg.	Elev. m		Capacity Kilograms	Ang. Deg.		Elev. m	Capacity Kilograms		Ang. Deg.	Elev. m	
12.2	74.3	74.0	26 700*										12.2
13.0	72.5	73.8	25 100*										13.0
14.0	70.2	73.4	23 000*										14.0
15.0	68.0	73.0	20 300*										15.0
16.0	65.7	72.6	17 900*	69.3	73.1	21 900*							16.0
17.0	63.3	72.0	16 000*	67.0	72.7	19 200*							17.0
18.0	60.9	71.5	14 500*	64.7	72.2	17 200*							18.0
19.0	58.4	70.9	13 100*	62.3	71.7	15 500*	67.9	72.6	20 300*				19.0
20.0	55.9	70.2	11 900*	59.9	71.1	14 000*	65.6	72.2	18 000*				20.0
21.0	53.3	69.4	10 900*	57.4	70.5	12 700*	63.2	71.7	16 200*				21.0
22.0	50.6	68.6	10 000*	54.8	69.8	11 600*	60.8	71.1	14 600*	66.4	71.9	18 900*	22.0
23.0	47.7	67.7	9 200*	52.2	69.0	10 600*	58.3	70.5	13 200*	64.0	71.4	16 900*	23.0
24.0	44.8	66.7	8 500*	49.4	68.1	9 700*	55.8	69.8	12 100*	61.6	70.9	15 200*	24.0
25.0	41.6	65.6	7 800*	46.5	67.2	8 900*	53.2	69.0	11 000*	59.2	70.3	13 800*	25.0
26.0	38.3	64.3	7 200*	43.5	66.2	8 200*	50.4	68.2	10 100*	56.7	69.6	12 600*	26.0
27.0	34.6	62.9	6 700*	40.3	65.0	7 600*	47.6	67.3	9 300*	54.1	68.9	11 500*	27.0
28.0	30.6	61.3	6 200*	36.8	63.7	7 000*	44.6	66.3	8 600*	51.4	68.1	10 500*	28.0
29.0	25.9	59.3	5 700*	33.0	62.2	6 500*	41.5	65.2	8 000*	48.6	67.2	9 700*	29.0
30.0	20.3	56.8	5 300*	28.7	60.4	6 000*	38.1	63.9	7 300*	45.7	66.3	8 900*	30.0
31.0				23.8	58.2	5 600*	34.4	62.5	6 800*	42.6	65.2	8 200*	31.0
32.0				17.4	55.4	5 300*	30.4	60.8	6 300*	39.3	64.0	7 600*	32.0
33.0							25.7	58.8	5 800*	35.8	62.6	7 100*	33.0
34.0							20.0	56.3	5 400*	31.9	61.0	6 600*	34.0
35.0							11.5	52.4	5 000*	27.4	59.2	6 100*	35.0
36.0										22.1	56.9	5 600*	36.0

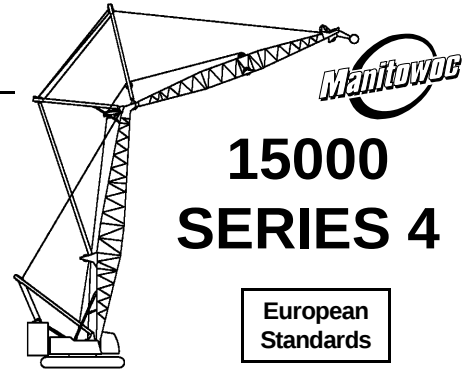
Capacities indicated by (b) require 1 180 kg minimum block weight.
Capacities based on structural competence are denoted by an asterisk (*).

Liftcrane Luffing Jib Intermediate Fall 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

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

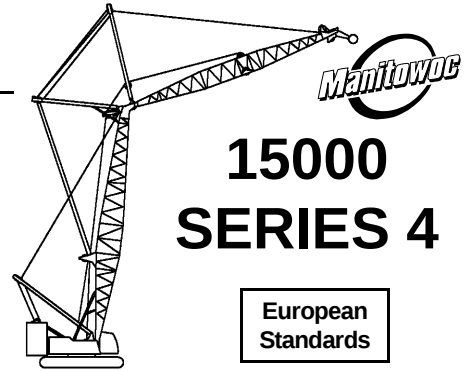
Int. Fall Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			Int. Fall Oper. Rad. m
	Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		
		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms	
12.2	75.9	77.2	26 700*										12.2
13.0	74.3	77.0	26 500*										13.0
14.0	72.3	76.7	25 900*										14.0
15.0	70.3	76.3	23 400*										15.0
16.0	68.3	75.9	20 800*	71.5	76.4	24 600*							16.0
17.0	66.2	75.4	18 800*	69.5	76.0	22 200*							17.0
18.0	64.1	75.0	17 000*	67.4	75.6	20 000*							18.0
19.0	62.0	74.4	15 400*	65.3	75.1	18 100*							19.0
20.0	59.8	73.8	14 000*	63.2	74.6	16 400*	68.2	75.5	20 900*				20.0
21.0	57.5	73.2	12 900*	61.1	74.1	14 900*	66.1	75.1	18 900*				21.0
22.0	55.2	72.5	11 800*	58.8	73.5	13 600*	64.0	74.6	17 100*				22.0
23.0	52.9	71.7	10 900*	56.6	72.8	12 500*	61.9	74.0	15 600*	66.8	74.8	19 600*	23.0
24.0	50.4	70.9	10 000*	54.3	72.1	11 500*	59.7	73.4	14 200*	64.7	74.3	17 800*	24.0
25.0	47.9	70.0	9 300*	51.9	71.3	10 600*	57.4	72.8	13 000*	62.6	73.8	16 100*	25.0
26.0	45.2	69.0	8 600*	49.4	70.4	9 800*	55.1	72.1	12 000*	60.4	73.3	14 800*	26.0
27.0	42.4	67.9	8 000*	46.8	69.5	9 100*	52.8	71.3	11 100*	58.2	72.6	13 500*	27.0
28.0	39.5	66.7	7 400*	44.1	68.5	8 400*	50.3	70.5	10 200*	55.9	72.0	12 500*	28.0
29.0	36.3	65.4	6 900*	41.2	67.3	7 900*	47.8	69.6	9 500*	53.6	71.2	11 500*	29.0
30.0	32.9	63.9	6 400*	38.2	66.1	7 300*	45.1	68.6	8 800*	51.2	70.4	10 600*	30.0
31.0	29.1	62.1	6 000*	34.9	64.7	6 800*	42.3	67.5	8 200*	48.7	69.5	9 800*	31.0
32.0	24.7	60.0	5 600*	31.4	63.1	6 300*	39.3	66.3	7 600*	46.0	68.6	9 100*	32.0
33.0	19.4	57.4	5 300*	27.4	61.2	5 900*	36.2	64.9	7 100*	43.3	67.5	8 500*	33.0
34.0				22.7	58.9	5 500*	32.7	63.4	6 600*	40.4	66.3	7 900*	34.0
35.0				16.7	56.0	5 200*	28.9	61.7	6 100*	37.3	65.1	7 400*	35.0
36.0							24.5	59.6	5 700*	34.0	63.6	6 900*	36.0
37.0							19.2	56.9	5 300*	30.3	61.9	6 400*	37.0
38.0							11.4	52.9	4 700*	26.1	60.0	6 000*	38.0
39.0										21.2	57.5	5 600*	39.0

Capacities indicated by (b) require 1 180 kg minimum block weight.
Capacities based on structural competence are denoted by an asterisk (*).

Liftcrane Luffing Jib Intermediate Fall 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

Int. Fall Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			Int. Fall Oper. Rad. m
	Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		
		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms	
13.7	74.5	79.9	25 500*										13.7
14.0	74.0	79.9	24 800*										14.0
15.0	72.2	79.5	22 400*										15.0
16.0	70.3	79.2	20 200*										16.0
17.0	68.5	78.8	18 500*	71.4	79.3	21 500*							17.0
18.0	66.6	78.3	16 900*	69.6	78.9	19 600*							18.0
19.0	64.7	77.9	15 500*	67.7	78.5	17 800*							19.0
20.0	62.8	77.3	14 300*	65.8	78.0	16 300*	70.3	78.8	20 300*				20.0
21.0	60.8	76.8	13 200*	63.9	77.6	15 000*	68.4	78.4	18 500*				21.0
22.0	58.8	76.2	12 200*	62.0	77.0	13 800*	66.5	77.9	16 900*				22.0
23.0	56.8	75.5	11 200*	60.0	76.4	12 800*	64.6	77.5	15 500*				23.0
24.0	54.7	74.8	10 300*	58.0	75.8	11 900*	62.7	76.9	14 300*				24.0
25.0	52.5	74.1	9 500*	55.9	75.1	10 900*	60.7	76.4	13 200*	65.3	77.3	16 100*	25.0
26.0	50.3	73.2	8 700*	53.8	74.4	10 000*	58.7	75.8	12 200*	63.4	76.7	14 800*	26.0
27.0	48.0	72.3	8 100*	51.6	73.6	9 200*	56.7	75.1	11 400*	61.4	76.2	13 600*	27.0
28.0	45.6	71.3	7 400*	49.3	72.7	8 500*	54.6	74.4	10 500*	59.4	75.6	12 600*	28.0
29.0	43.1	70.3	6 900*	47.0	71.8	7 900*	52.4	73.6	9 700*	57.4	75.0	11 700*	29.0
30.0	40.4	69.1	6 300*	44.6	70.8	7 300*	50.2	72.8	8 900*	55.3	74.3	10 900*	30.0
31.0	37.7	67.8	5 900*	42.0	69.7	6 700*	47.9	71.9	8 200*	53.2	73.5	10 100*	31.0
32.0	34.7	66.4	5 400*	39.3	68.5	6 200*	45.5	70.9	7 600*	51.0	72.7	9 300*	32.0
33.0	31.4	64.8	5 000*	36.4	67.2	5 700*	43.0	69.8	7 000*	48.7	71.8	8 500*	33.0
34.0	27.8	63.0	4 600*	33.4	65.7	5 300*	40.3	68.7	6 500*	46.3	70.9	7 900*	34.0
35.0	23.7	60.8	4 300*	30.0	64.0	4 900*	37.5	67.4	6 000*	43.9	69.8	7 300*	35.0
36.0	18.7	58.0	4 000*	26.2	62.0	4 500*	34.5	66.0	5 600*	41.3	68.7	6 800*	36.0
37.0				21.8	59.6	4 200*	31.3	64.3	5 200*	38.5	67.5	6 300*	37.0
38.0				16.2	56.5	3 900*	27.7	62.5	4 800*	35.6	66.1	5 800*	38.0
39.0							23.5	60.3	4 400*	32.4	64.6	5 400*	39.0
40.0							18.5	57.5	4 000*	29.0	62.8	5 000*	40.0
42.0										20.4	58.2	4 300*	42.0

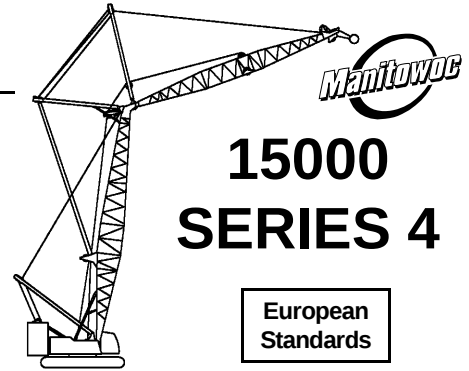
Capacities indicated by (b) require 1 180 kg minimum block weight.
Capacities based on structural competence are denoted by an asterisk (*).

Liftcrane Luffing Jib Intermediate Fall 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

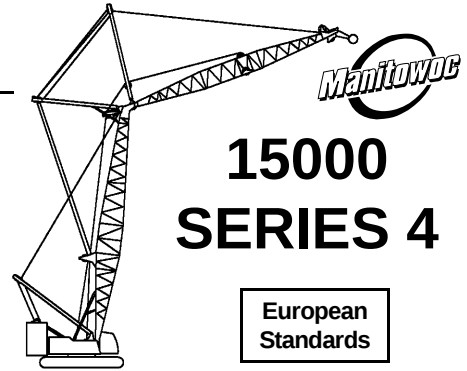
Int. Fall Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			Int. Fall Oper. Rad. m
	Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall		
		Ang. Deg.	Elev. m		Capacity Kilograms	Ang. Deg.		Elev. m	Capacity Kilograms	
13.7	75.8	83.1	26 700*							13.7
14.0	75.4	83.0	26 100*							14.0
15.0	73.7	82.7	24 000*							15.0
16.0	72.1	82.4	22 000*							16.0
17.0	70.4	82.1	20 200*	73.0	82.5	23 300*				17.0
18.0	68.7	81.7	18 600*	71.4	82.2	21 300*				18.0
19.0	67.0	81.2	17 100*	69.7	81.8	19 500*				19.0
20.0	65.3	80.8	15 900*	68.0	81.4	18 000*				20.0
21.0	63.5	80.3	14 700*	66.3	80.9	16 600*				21.0
22.0	61.7	79.7	13 700*	64.5	80.5	15 400*	68.6	81.3	18 600*	22.0
23.0	59.9	79.2	12 800*	62.8	79.9	14 300*	66.9	80.8	17 200*	23.0
24.0	58.0	78.5	11 900*	61.0	79.4	13 300*	65.2	80.4	15 900*	24.0
25.0	56.2	77.8	11 100*	59.1	78.8	12 400*	63.4	79.9	14 800*	25.0
26.0	54.2	77.1	10 400*	57.3	78.1	11 600*	61.6	79.3	13 700*	26.0
27.0	52.2	76.3	9 600*	55.4	77.4	10 900*	59.8	78.7	12 800*	27.0
28.0	50.2	75.5	8 900*	53.4	76.7	10 200*	58.0	78.1	12 000*	28.0
29.0	48.1	74.6	8 300*	51.4	75.9	9 400*	56.1	77.4	11 200*	29.0
30.0	45.9	73.7	7 700*	49.3	75.0	8 800*	54.1	76.7	10 500*	30.0
31.0	43.6	72.6	7 200*	47.2	74.1	8 200*	52.1	75.9	9 800*	31.0
32.0	41.2	71.5	6 700*	44.9	73.1	7 600*	50.1	75.1	9 200*	32.0
33.0	38.7	70.2	6 200*	42.6	72.0	7 100*	48.0	74.2	8 500*	33.0
34.0	36.1	68.9	5 800*	40.2	70.9	6 600*	45.8	73.2	7 900*	34.0
35.0	33.2	67.4	5 400*	37.7	69.6	6 100*	43.5	72.2	7 400*	35.0
36.0	30.2	65.7	5 000*	34.9	68.2	5 700*	41.1	71.0	6 900*	36.0
37.0	26.8	63.8	4 700*	32.0	66.6	5 300*	38.6	69.8	6 400*	37.0
38.0	22.9	61.5	4 300*	28.8	64.8	4 900*	36.0	68.4	6 000*	38.0
39.0	18.2	58.7	3 400*	25.2	62.8	4 600*	33.1	66.9	5 600*	39.0
40.0				21.0	60.3	4 100*	30.0	65.2	5 200*	40.0
42.0							22.7	61.0	4 500*	42.0

Capacities indicated by (b) require 1 180 kg minimum block weight.
Capacities based on structural competence are denoted by an asterisk (*).

Liftcrane Luffing Jib Intermediate Fall Capacities

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

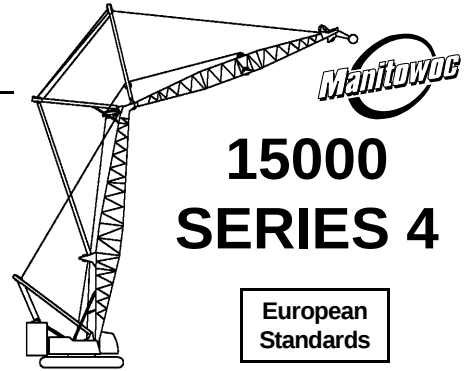
Maximum Operating Wind Speeds (all boom lengths)		
13 m/s with 21.3m thru 33.5m Luffing Jib		
11 m/s with 36.6m thru 42.7m Luffing Jib		
9 m/s with 45.7m thru 51.8m Luffing Jib		
7 m/s with 54.9m thru 67.1m Luffing Jib		
5 m/s with 70.1m and 73.2m Luffing Jib		



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

Int. Fall Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			Int. Fall Oper. Rad. m
	Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall		
		Ang. Deg.	Elev. m		Capacity Kilograms	Ang. Deg.		Elev. m	Capacity Kilograms	
15.2	74.6	85.8	22 500*							15.2
16.0	73.5	85.6	21 100*							16.0
17.0	72.0	85.3	19 300*							17.0
18.0	70.4	84.9	17 700*							18.0
19.0	68.9	84.6	16 300*	71.3	85.0	18 700*				19.0
20.0	67.3	84.1	15 100*	69.8	84.7	17 200*				20.0
21.0	65.7	83.7	14 000*	68.2	84.3	15 800*				21.0
22.0	64.1	83.2	12 900*	66.6	83.8	14 600*				22.0
23.0	62.5	82.7	12 000*	65.0	83.4	13 600*	68.8	84.2	16 400*	23.0
24.0	60.8	82.1	11 200*	63.4	82.9	12 600*	67.2	83.7	15 200*	24.0
25.0	59.1	81.5	10 400*	61.8	82.3	11 700*	65.6	83.3	14 000*	25.0
26.0	57.4	80.8	9 700*	60.1	81.7	10 900*	64.0	82.8	13 000*	26.0
27.0	55.6	80.2	9 100*	58.4	81.1	10 100*	62.4	82.3	12 100*	27.0
28.0	53.8	79.4	8 500*	56.6	80.5	9 500*	60.7	81.7	11 200*	28.0
29.0	52.0	78.7	7 900*	54.9	79.8	8 800*	59.0	81.1	10 400*	29.0
30.0	50.1	77.8	7 400*	53.1	79.0	8 200*	57.3	80.4	9 700*	30.0
31.0	48.1	76.9	6 900*	51.2	78.2	7 700*	55.5	79.8	9 100*	31.0
32.0	46.1	76.0	6 400*	49.3	77.3	7 200*	53.7	79.0	8 500*	32.0
33.0	44.0	74.9	6 000*	47.3	76.4	6 700*	51.9	78.2	7 900*	33.0
34.0	41.9	73.8	5 600*	45.3	75.4	6 300*	50.0	77.4	7 400*	34.0
35.0	39.6	72.6	5 300*	43.2	74.4	5 900*	48.0	76.5	7 000*	35.0
36.0	37.2	71.3	4 900*	41.0	73.2	5 500*	46.0	75.5	6 500*	36.0
37.0	34.7	69.9	4 500*	38.6	72.0	5 200*	43.9	74.5	6 100*	37.0
38.0	32.0	68.3	4 200*	36.2	70.6	4 800*	41.8	73.4	5 700*	38.0
39.0	29.1	66.6	3 800*	33.6	69.2	4 400*	39.5	72.2	5 300*	39.0
40.0	25.8	64.6	3 500*	30.8	67.5	4 100*	37.1	70.9	4 900*	40.0
42.0				24.3	63.5	3 500*	31.9	67.9	4 300*	42.0
44.0							25.7	64.1	3 600*	44.0

Capacities indicated by (b) require 1 180 kg minimum block weight.
Capacities based on structural competence are denoted by an asterisk (*).



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**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

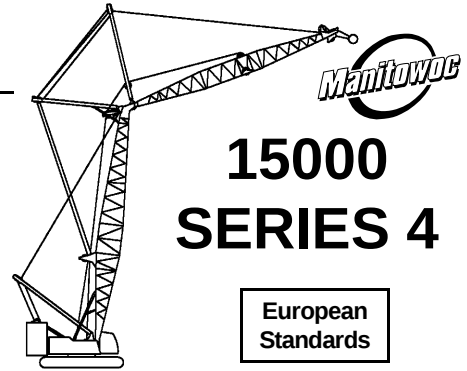
Int. Fall Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Int. Fall Oper. Rad. m			
	Jib		Intermediate Fall	Jib		Intermediate Fall	Jib		Intermediate Fall	Jib		Intermediate Fall	Jib		Intermediate Fall	Jib		Intermediate Fall				
	Ang. Deg.	Elev. m		Ang. Deg.	Elev. m		Capacity Kilograms	Ang. Deg.		Elev. m	Capacity Kilograms		Ang. Deg.	Elev. m		Capacity Kilograms	Ang. Deg.			Elev. m	Capacity Kilograms	Ang. Deg.
12.2	52.1	60.0	14 800*	51.3	59.8	14 700*																
13.0	46.8	59.3	13 200*																			
14.0	39.4	58.1	11 400*																			
15.0	30.4	56.5	9 900*																			
16.0																			44.6	58.8	12 700*	36.8
17.0							48.2	59.1	13 800*	51.5	59.2	15 200*b										
18.0							41.1	58.0	11 900*													
19.0							32.5	56.5	10 300*													
20.0																			44.8	58.2	12 800*	
21.0																			37.1	56.9	11 100*	
23.0													52.3	58.3	15 500*				23.0			
24.0													45.6	57.3	13 300*							
25.0													38.1	56.1	11 400*							
28.0																				45.8	56.0	13 500*
29.0																				38.2	54.8	11 600*
30.0																28.9	53.1	10 100*	30.0			

Capacities indicated by (b) require 1 180 kg minimum block weight.
Capacities based on structural competence are denoted by an asterisk (*).

Liftcrane Luffing Jib Intermediate Fall 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, 24.4m (80 Ft.) Luffing Jib

Int. Fall Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Int. Fall Oper. Rad. m		
	Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall				
	Ang. Deg.	Elev. m	Capacity Kilograms	Ang. Deg.	Elev. m	Capacity Kilograms	Ang. Deg.	Elev. m	Capacity Kilograms	Ang. Deg.	Elev. m	Capacity Kilograms	Ang. Deg.	Elev. m	Capacity Kilograms	Ang. Deg.	Elev. m	Capacity Kilograms			
10.7	61.1	61.2	16 300* b	57.4	60.6	14 800*															
11.0	59.2	61.0	15 500* b																		
12.0	53.3	60.2	12 900*																		
13.0	46.8	59.3	10 800*																		
14.0	39.4	58.1	9 400*																		
15.0	30.4	56.5	8 200*	44.6	58.8	10 400*	54.6	60.0	13 700*												
16.0				36.8	57.5	9 000*															
17.0																			48.2	59.1	11 400*
18.0																			41.1	58.0	9 800*
19.0																			32.5	56.5	8 500*
20.0										44.8	58.2	10 700*	58.3	59.1	15 700* b						
21.0										37.1	56.9	9 200*									
22.0																			52.3	58.3	12 900*
23.0																			45.6	57.3	10 900*
24.0																			38.1	56.1	9 400*
25.0																45.8	56.0	11 200*			
28.0																38.2	54.8	9 500*			
29.0																28.9	53.1	8 300*			
30.0																					

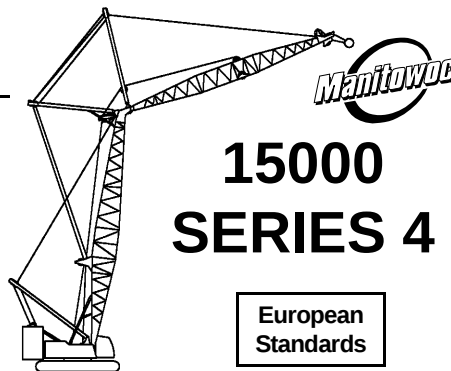
Capacities indicated by (b) require 1 180 kg minimum block weight.
Capacities based on structural competence are denoted by an asterisk (*).

Liftcrane Luffing Jib Intermediate Fall 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

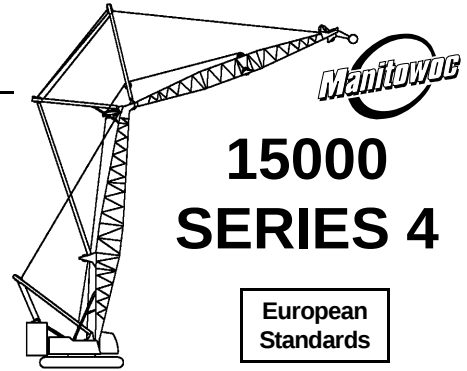
Int. Fall Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Int. Fall Oper. Rad. m
	Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		
		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms	
10.7	61.1	61.2	14 500*															10.7	
11.0	59.2	61.0	13 700*															11.0	
12.0	53.3	60.2	11 300*															12.0	
13.0	46.8	59.3	9 500*	57.4	60.6	13 100*												13.0	
14.0	39.4	58.1	8 200*	51.3	59.8	10 700*												14.0	
15.0	30.4	56.5	7 100*	44.6	58.8	9 100*												15.0	
16.0				36.8	57.5	7 900*	54.6	60.0	12 000*									16.0	
17.0							48.2	59.1	10 000*	63.2	60.6	16 300*b						17.0	
18.0							41.1	58.0	8 500*	57.6	60.0	13 300*						18.0	
19.0							32.5	56.5	7 400*	51.5	59.2	10 900*						19.0	
20.0										44.8	58.2	9 300*						20.0	
21.0										37.1	56.9	8 000*						21.0	
22.0													58.3	59.1	13 900*			22.0	
23.0													52.3	58.3	11 300*			23.0	
24.0													45.6	57.3	9 600*			24.0	
25.0													38.1	56.1	8 200*			25.0	
28.0																45.8	56.0	28.0	
29.0																38.2	54.8	29.0	
30.0																28.9	53.1	30.0	

Capacities indicated by (b) require 1 180 kg minimum block weight.
Capacities based on structural competence are denoted by an asterisk (*).

Liftcrane Luffing Jib Intermediate Fall Capacities

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

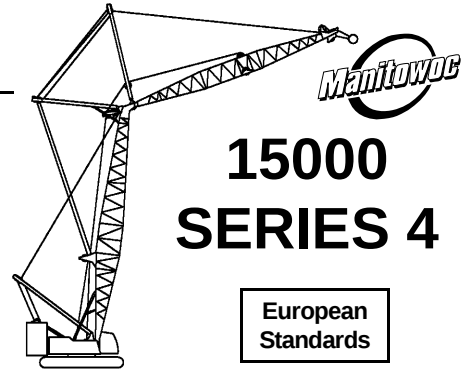
Maximum Operating Wind Speeds (all boom lengths)	
13 m/s with 21.3m thru 33.5m Luffing Jib	
11 m/s with 36.6m thru 42.7m Luffing Jib	
9 m/s with 45.7m thru 51.8m Luffing Jib	
7 m/s with 54.9m thru 67.1m Luffing Jib	
5 m/s with 70.1m and 73.2m Luffing Jib	



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

Int. Fall Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Int. Fall Oper. Rad. m		
	Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall				
	Ang. Deg.	Elev. m	Capacity Kilograms	Ang. Deg.	Elev. m	Capacity Kilograms	Ang. Deg.	Elev. m	Capacity Kilograms	Ang. Deg.	Elev. m	Capacity Kilograms	Ang. Deg.	Elev. m	Capacity Kilograms	Ang. Deg.	Elev. m	Capacity Kilograms			
10.7	67.4	64.6	20 800*	64.7 60.3	64.2 63.6	18 800* 15 400*															
11.0	66.0	64.5	19 700*																		
12.0	61.7	63.9	16 300*																		
13.0	57.2	63.3	13 700*																		
14.0	52.4	62.5	11 900*																		
15.0	47.2	61.6	10 400*	55.7	62.9	13 200*	62.6 50.8 45.6 39.7 32.9	63.7 62.1 61.2 60.0 58.5	17 400* 11 400* 10 000* 8 800* 7 800*												
16.0	41.6	60.5	9 100*																		
17.0	35.1	59.1	8 100*																		
18.0	27.2	57.3	7 200*																		
19.0																					
20.0							42.8	60.3	9 500*	55.9	62.3	13 500*									
21.0							36.6	59.0	8 400*	51.0	61.5	11 600*									
22.0							29.1	57.3	7 500*	45.7	60.5	10 200*									
23.0										39.9	59.3	9 000*							61.0	62.1	16 400*
24.0																			33.1	57.8	8 000*
25.0													51.6	60.6	12 000*						
26.0																			46.4	59.7	10 500*
27.0																			40.6	58.5	9 200*
28.0																			34.0	57.1	8 200*
29.0																					
30.0																46.5	58.3	10 600*			
31.0																			40.7	57.2	9 300*
32.0																			34.1	55.8	8 300*
33.0																			25.9	53.8	7 300*

Capacities indicated by (b) require 1 180 kg minimum block weight.
Capacities based on structural competence are denoted by an asterisk (*).



Liftcrane Luffing Jib Intermediate Fall 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

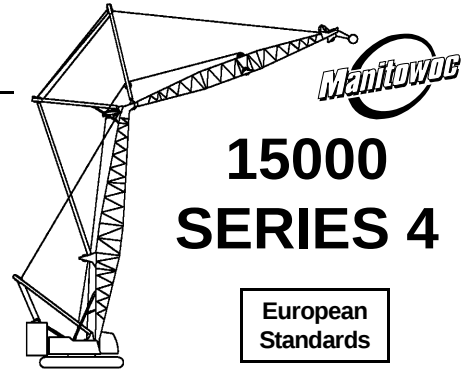
Int. Fall Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Int. Fall Oper. Rad. m
	Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		
		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms	
10.7	61.1	61.2	13 600*															10.7	
11.0	59.2	61.0	12 900*															11.0	
12.0	53.3	60.2	10 700*															12.0	
13.0	46.8	59.3	9 000*	57.4	60.6	12 300*												13.0	
14.0	39.4	58.1	7 800*	51.3	59.8	10 100*	65.9	61.3	17 000*									14.0	
15.0	30.4	56.5	6 800*	44.6	58.8	8 700*	60.4	60.7	13 700*									15.0	
16.0				36.8	57.5	7 500*	54.6	60.0	11 100*									16.0	
17.0							48.2	59.1	9 500*	63.2	60.6	15 300*						17.0	
18.0							41.1	58.0	8 100*	57.6	60.0	12 500*						18.0	
19.0							32.5	56.5	7 100*	51.5	59.2	10 300*						19.0	
20.0										44.8	58.2	8 800*						20.0	
21.0										37.1	56.9	7 600*						21.0	
22.0													58.3	59.1	13 100*			22.0	
23.0													52.3	58.3	10 700*			23.0	
24.0													45.6	57.3	9 100*			24.0	
25.0													38.1	56.1	7 900*			25.0	
28.0																45.8	56.0	9 300*	28.0
29.0																38.2	54.8	7 900*	29.0
30.0																28.9	53.1	6 900*	30.0

Capacities indicated by (b) require 1 180 kg minimum block weight.
Capacities based on structural competence are denoted by an asterisk (*).

Liftcrane Luffing Jib Intermediate Fall Capacities

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

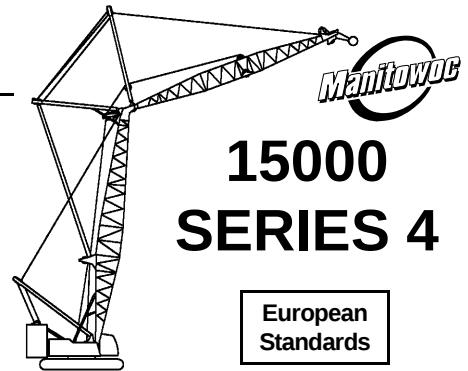
Maximum Operating Wind Speeds (all boom lengths)	
13 m/s with 21.3m thru 33.5m Luffing Jib	
11 m/s with 36.6m thru 42.7m Luffing Jib	
9 m/s with 45.7m thru 51.8m Luffing Jib	
7 m/s with 54.9m thru 67.1m Luffing Jib	
5 m/s with 70.1m and 73.2m Luffing Jib	



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

Int. Fall Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Int. Fall Oper. Rad. m			
	Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall					
	Ang. Deg.	Elev. m	Capacity Kilograms	Ang. Deg.	Elev. m	Capacity Kilograms	Ang. Deg.	Elev. m	Capacity Kilograms	Ang. Deg.	Elev. m	Capacity Kilograms	Ang. Deg.	Elev. m	Capacity Kilograms	Ang. Deg.	Elev. m	Capacity Kilograms				
10.7	67.4	64.6	18 800*	64.7	64.2	17 000*													10.7			
11.0	66.0	64.5	17 800*																11.0			
12.0	61.7	63.9	14 700*																12.0			
13.0	57.2	63.3	12 400*																13.0			
14.0	52.4	62.5	10 700*																14.0			
15.0	47.2	61.6	9 300*	55.7	62.9	11 900*	62.6	63.7	15 700*										15.0			
16.0	41.6	60.5	8 200*	50.8	62.1	10 300*													16.0			
17.0	35.1	59.1	7 300*	45.6	61.2	9 000*													58.2	63.0	13 000*	17.0
18.0	27.2	57.3	6 500*	39.7	60.0	7 900*													53.4	62.3	11 200*	18.0
19.0				32.9	58.5	7 000*													48.4	61.4	9 700*	60.5
20.0							42.8	60.3	8 500*	55.9	62.3	12 100*							20.0			
21.0							36.6	59.0	7 500*	51.0	61.5	10 500*							21.0			
22.0							29.1	57.3	6 700*	45.7	60.5	9 100*							22.0			
23.0										39.9	59.3	8 100*							61.0	62.1	14 800*	23.0
24.0										33.1	57.8	7 100*							56.4	61.4	12 700*	24.0
25.0													51.6	60.6	10 800*				25.0			
26.0													46.4	59.7	9 400*				26.0			
27.0													40.6	58.5	8 300*				27.0			
28.0													34.0	57.1	7 300*				28.0			
29.0																			51.9	59.3	11 000*	29.0
30.0																46.5	58.3	9 600*	30.0			
31.0																40.7	57.2	8 400*	31.0			
32.0																34.1	55.8	7 400*	32.0			
33.0																25.9	53.8	6 600*	33.0			

Capacities indicated by (b) require 1 180 kg minimum block weight.
Capacities based on structural competence are denoted by an asterisk (*).



Liftcrane Luffing Jib Intermediate Fall 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

**European
Standards**

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

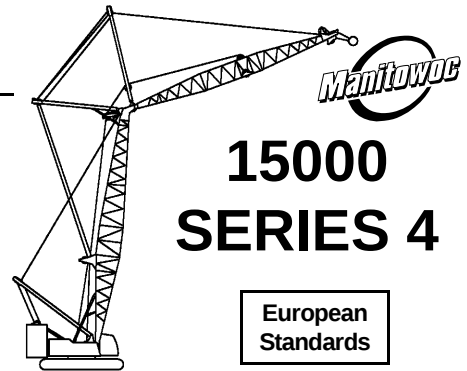
Int. Fall Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Int. Fall Oper. Rad. m
	Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		
		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms	
10.7	71.4	67.9	23 800*															10.7	
11.0	70.3	67.8	22 500*															11.0	
12.0	66.8	67.4	18 700*															12.0	
13.0	63.3	66.9	15 700*	69.2	67.6	21 500*												13.0	
14.0	59.6	66.3	13 600*	65.8	67.1	17 700*												14.0	
15.0	55.8	65.6	11 900*	62.2	66.6	15 100*												15.0	
16.0	51.8	64.8	10 500*	58.5	66.0	13 100*	67.6	67.1	19 800*									16.0	
17.0	47.6	63.9	9 300*	54.6	65.2	11 500*	64.1	66.6	16 500*									17.0	
18.0	43.0	62.8	8 300*	50.5	64.4	10 100*	60.4	66.0	14 200*									18.0	
19.0	37.9	61.6	7 500*	46.2	63.5	9 000*	56.7	65.4	12 400*									19.0	
20.0	32.1	60.0	6 700*	41.4	62.3	8 100*	52.7	64.6	10 900*	62.3	65.9	15 500*						20.0	
21.0	25.0	58.0	6 100*	36.2	61.0	7 300*	48.5	63.7	9 600*	58.6	65.3	13 500*						21.0	
22.0				30.1	59.3	6 600*	44.0	62.7	8 600*	54.7	64.6	11 700*						22.0	
23.0							39.0	61.5	7 700*	50.7	63.8	10 300*						23.0	
24.0							33.4	60.0	7 000*	46.3	62.8	9 200*						24.0	
25.0							26.7	58.1	6 300*	41.6	61.7	8 200*	59.0	64.4	13 900*			25.0	
26.0										36.3	60.4	7 400*	55.2	63.7	12 000*			26.0	
27.0										30.3	58.7	6 700*	51.1	62.9	10 600*			27.0	
28.0													46.8	62.0	9 400*			28.0	
29.0													42.2	60.9	8 400*			29.0	
30.0													37.0	59.6	7 600*			30.0	
31.0													31.0	58.0	6 800*	51.2	61.6	10 800*	31.0
32.0													23.6	55.8	6 200*	46.9	60.7	9 500*	32.0
33.0																42.2	59.6	8 500*	33.0
34.0																37.1	58.3	7 600*	34.0
35.0																31.1	56.7	6 900*	35.0
36.0																23.8	54.6	6 200*	36.0

Capacities indicated by (b) require 1 180 kg minimum block weight.
Capacities based on structural competence are denoted by an asterisk (*).

Liftcrane Luffing Jib Intermediate Fall Capacities

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

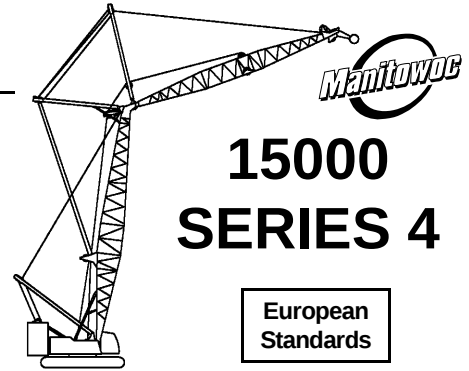
Maximum Operating Wind Speeds
(all boom lengths)
13 m/s with 21.3m thru 33.5m Luffing Jib
11 m/s with 36.6m thru 42.7m Luffing Jib
9 m/s with 45.7m thru 51.8m Luffing Jib
7 m/s with 54.9m thru 67.1m Luffing Jib
5 m/s with 70.1m and 73.2m Luffing Jib



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

Int. Fall Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Int. Fall Oper. Rad. m
	Jib		Intermediate Fall	Jib		Intermediate Fall	Jib		Intermediate Fall	Jib		Intermediate Fall	Jib		Intermediate Fall	Jib		Intermediate Fall	
	Ang. Deg.	Elev. m	Capacity Kilograms	Ang. Deg.	Elev. m	Capacity Kilograms	Ang. Deg.	Elev. m	Capacity Kilograms	Ang. Deg.	Elev. m	Capacity Kilograms	Ang. Deg.	Elev. m	Capacity Kilograms	Ang. Deg.	Elev. m	Capacity Kilograms	
10.7	74.2	71.2	26 700*																10.7
11.0	73.2	71.1	26 000*																11.0
12.0	70.4	70.7	23 800*																12.0
13.0	67.4	70.3	21 000*																13.0
14.0	64.4	69.8	17 800*	69.5	70.5	23 200*													14.0
15.0	61.4	69.2	15 500*	66.5	70.0	19 900*													15.0
16.0	58.2	68.6	13 700*	63.5	69.5	17 100*													16.0
17.0	54.9	67.9	12 200*	60.4	68.9	15 000*	68.1	70.0	21 700*										17.0
18.0	51.4	67.1	10 900*	57.2	68.3	13 300*	65.1	69.5	18 700*										18.0
19.0	47.8	66.2	9 800*	53.8	67.6	11 900*	62.0	69.0	16 200*										19.0
20.0	43.9	65.2	8 900*	50.3	66.7	10 700*	58.9	68.4	14 300*	66.6	69.3	20 200*							20.0
21.0	39.7	64.0	8 100*	46.6	65.8	9 600*	55.6	67.7	12 700*	63.6	68.8	17 600*							21.0
22.0	35.1	62.6	7 400*	42.6	64.7	8 700*	52.2	66.9	11 400*	60.5	68.3	15 300*							22.0
23.0	29.8	60.9	6 700*	38.3	63.5	7 900*	48.6	66.0	10 200*	57.3	67.6	13 600*							23.0
24.0	23.3	58.7	6 100*	33.5	62.0	7 200*	44.7	65.0	9 200*	53.9	66.9	12 100*							24.0
25.0				27.9	60.2	6 500*	40.6	63.9	8 400*	50.4	66.1	10 900*							25.0
26.0							36.1	62.5	7 600*	46.7	65.1	9 800*	60.8	67.4	15 800*				26.0
27.0							31.0	60.9	6 900*	42.7	64.1	8 900*	57.6	66.7	14 000*				27.0
28.0							24.8	58.9	6 300*	38.4	62.8	8 100*	54.3	66.0	12 400*				28.0
29.0										33.7	61.3	7 300*	50.8	65.2	11 100*				29.0
30.0										28.1	59.5	6 700*	47.2	64.3	10 000*				30.0
31.0													43.2	63.2	9 100*				31.0
32.0													39.0	62.0	8 300*	54.4	64.7	12 500*	32.0
33.0													34.2	60.5	7 500*	50.9	63.9	11 300*	33.0
34.0													28.8	58.8	6 900*	47.2	63.0	10 100*	34.0
35.0													22.1	56.5	6 200*	43.3	61.9	9 200*	35.0
36.0																39.0	60.7	8 300*	36.0
37.0																34.3	59.2	7 600*	37.0
38.0																28.9	57.5	6 900*	38.0
39.0																22.2	55.2	6 300*	39.0

Capacities indicated by (b) require 1 180 kg minimum block weight.
Capacities based on structural competence are denoted by an asterisk (*).



Liftcrane Luffing Jib Intermediate Fall 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

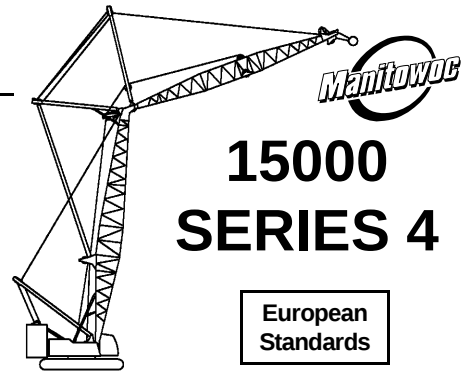
Int. Fall Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			Int. Fall Oper. Rad. m
	Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		
		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms	
12.2	72.5	73.9	26 700*													12.2
13.0	70.4	73.6	24 400*													13.0
14.0	67.9	73.2	21 500*	72.2	73.7	26 000*										14.0
15.0	65.3	72.7	18 900*	69.6	73.3	23 500*										15.0
16.0	62.6	72.2	16 700*	67.1	72.9	20 900*										16.0
17.0	59.9	71.6	14 900*	64.4	72.4	18 300*										17.0
18.0	57.1	70.9	13 400*	61.8	71.9	16 200*										18.0
19.0	54.1	70.2	12 200*	59.0	71.3	14 500*	65.8	72.4	19 800*							19.0
20.0	51.1	69.4	11 000*	56.2	70.6	13 100*	63.2	71.9	17 400*							20.0
21.0	47.9	68.5	10 100*	53.2	69.9	11 800*	60.5	71.3	15 500*							21.0
22.0	44.6	67.5	9 200*	50.1	69.0	10 800*	57.7	70.7	13 900*	64.5	71.7	18 700*				22.0
23.0	41.0	66.3	8 400*	46.9	68.1	9 800*	54.8	70.0	12 600*	61.8	71.2	16 500*				23.0
24.0	37.1	65.1	7 800*	43.5	67.0	9 000*	51.8	69.2	11 400*	59.1	70.6	14 800*				24.0
25.0	32.8	63.5	7 100*	39.8	65.9	8 300*	48.6	68.3	10 400*	56.2	69.9	13 400*				25.0
26.0	27.9	61.7	6 600*	35.8	64.5	7 600*	45.3	67.3	9 500*	53.3	69.2	12 100*				26.0
27.0	22.0	59.4	6 100*	31.4	62.9	7 000*	41.8	66.2	8 700*	50.2	68.4	11 000*				27.0
28.0				26.2	61.0	6 500*	38.0	64.9	8 000*	47.0	67.4	10 000*	59.4	69.7	15 200*	28.0
29.0							33.8	63.5	7 400*	43.6	66.4	9 200*	56.6	69.1	13 600*	29.0
30.0							29.1	61.7	6 800*	39.9	65.2	8 500*	53.7	68.3	12 400*	30.0
31.0							23.4	59.6	6 300*	36.0	63.8	7 800*	50.6	67.5	11 300*	31.0
32.0							15.8	56.5	5 800*	31.5	62.3	7 200*	47.4	66.6	10 300*	32.0
33.0										26.4	60.3	6 600*	44.0	65.5	9 400*	33.0
34.0													40.4	64.4	8 600*	34.0
35.0													36.5	63.0	7 900*	35.0
36.0													32.1	61.5	7 300*	36.0
37.0													27.1	59.6	6 700*	37.0
38.0													20.9	57.2	6 200*	38.0

Capacities indicated by (b) require 1 180 kg minimum block weight.
Capacities based on structural competence are denoted by an asterisk (*).

Liftcrane Luffing Jib Intermediate Fall Capacities

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

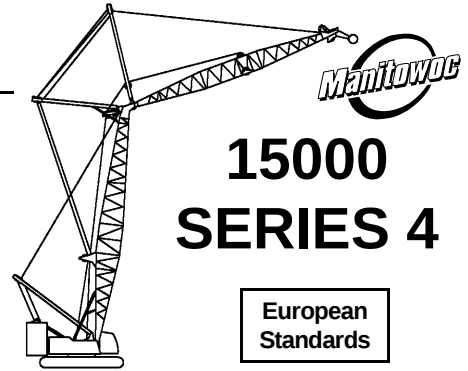
Maximum Operating Wind Speeds
(all boom lengths)
13 m/s with 21.3m thru 33.5m Luffing Jib
11 m/s with 36.6m thru 42.7m Luffing Jib
9 m/s with 45.7m thru 51.8m Luffing Jib
7 m/s with 54.9m thru 67.1m Luffing Jib
5 m/s with 70.1m and 73.2m Luffing Jib



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

Int. Fall Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			Int. Fall Oper. Rad. m
	Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall		
		Ang. Deg.	Elev. m		Capacity Kilograms	Ang. Deg.		Elev. m	Capacity Kilograms		Ang. Deg.	Elev. m		Capacity Kilograms	Ang. Deg.	
12.2	74.5	77.1	26 700*													12.2
13.0	72.7	76.8	26 700*													13.0
14.0	70.5	76.4	26 100*													14.0
15.0	68.2	76.1	24 000*													15.0
16.0	65.9	75.6	21 700*	69.8	76.2	25 400*										16.0
17.0	63.6	75.1	19 300*	67.5	75.8	23 600*										17.0
18.0	61.2	74.5	17 400*	65.2	75.3	21 000*										18.0
19.0	58.7	73.9	15 700*	62.8	74.8	18 700*	68.7	75.7	24 900*							19.0
20.0	56.2	73.3	14 300*	60.4	74.2	17 000*	66.4	75.3	22 300*							20.0
21.0	53.6	72.5	13 100*	57.9	73.6	15 400*	64.1	74.8	20 000*							21.0
22.0	50.9	71.7	12 000*	55.4	72.9	14 000*	61.7	74.3	18 000*							22.0
23.0	48.1	70.8	11 000*	52.7	72.2	12 900*	59.2	73.7	16 300*	65.3	74.7	21 200*				23.0
24.0	45.1	69.8	10 200*	50.0	71.3	11 800*	56.7	73.0	14 800*	62.9	74.1	19 100*				24.0
25.0	42.0	68.7	9 400*	47.1	70.4	10 800*	54.1	72.3	13 600*	60.5	73.6	17 200*				25.0
26.0	38.6	67.5	8 700*	44.1	69.4	10 000*	51.5	71.5	12 500*	58.0	72.9	15 700*				26.0
27.0	35.0	66.1	8 000*	41.0	68.2	9 200*	48.7	70.6	11 500*	55.5	72.2	14 300*				27.0
28.0	31.0	64.4	7 500*	37.5	66.9	8 600*	45.7	69.6	10 600*	52.8	71.5	13 100*				28.0
29.0	26.5	62.5	7 000*	33.8	65.5	8 000*	42.7	68.6	9 800*	50.1	70.7	12 100*	60.9	72.7	17 600*	29.0
30.0	20.9	60.1	6 500*	29.7	63.8	7 400*	39.4	67.4	9 000*	47.2	69.7	11 100*	58.3	72.1	16 100*	30.0
31.0				24.9	61.7	6 900*	35.8	66.0	8 400*	44.2	68.7	10 200*	55.8	71.4	14 600*	31.0
32.0				18.9	59.0	6 400*	31.9	64.4	7 800*	41.1	67.6	9 500*	53.1	70.6	13 400*	32.0
33.0							27.5	62.6	7 200*	37.7	66.3	8 800*	50.4	69.8	12 300*	33.0
34.0							22.2	60.3	6 700*	33.9	64.8	8 100*	47.6	68.9	11 300*	34.0
35.0							15.2	57.1	6 200*	29.8	63.1	7 600*	44.6	67.9	10 500*	35.0
36.0										25.0	61.1	7 000*	41.4	66.7	9 700*	36.0
37.0													38.1	65.5	9 000*	37.0
38.0													34.4	64.0	8 300*	38.0
39.0													30.3	62.4	7 700*	39.0
40.0													25.6	60.4	7 200*	40.0

Capacities indicated by (b) require 1 180 kg minimum block weight.
Capacities based on structural competence are denoted by an asterisk (*).



Liftcrane Luffing Jib Intermediate Fall 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

Int. Fall Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			Int. Fall Oper. Rad. m
	Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		
		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms	
12.2	72.5	73.9	25 900*													12.2
13.0	70.4	73.6	23 100*													13.0
14.0	67.9	73.2	19 800*	72.2	73.7	25 700*										14.0
15.0	65.3	72.7	17 400*	69.6	73.3	22 100*										15.0
16.0	62.6	72.2	15 500*	67.1	72.9	19 100*										16.0
17.0	59.9	71.6	13 800*	64.4	72.4	16 900*										17.0
18.0	57.1	70.9	12 400*	61.8	71.9	15 000*										18.0
19.0	54.1	70.2	11 200*	59.0	71.3	13 500*	65.8	72.4	18 300*							19.0
20.0	51.1	69.4	10 200*	56.2	70.6	12 100*	63.2	71.9	16 100*							20.0
21.0	47.9	68.5	9 300*	53.2	69.9	11 000*	60.5	71.3	14 300*							21.0
22.0	44.6	67.5	8 500*	50.1	69.0	10 000*	57.7	70.7	12 900*	64.5	71.7	17 300*				22.0
23.0	41.0	66.3	7 800*	46.9	68.1	9 100*	54.8	70.0	11 700*	61.8	71.2	15 300*				23.0
24.0	37.1	65.1	7 200*	43.5	67.0	8 300*	51.8	69.2	10 600*	59.1	70.6	13 700*				24.0
25.0	32.8	63.5	6 600*	39.8	65.9	7 600*	48.6	68.3	9 600*	56.2	69.9	12 300*				25.0
26.0	27.9	61.7	6 100*	35.8	64.5	7 000*	45.3	67.3	8 800*	53.3	69.2	11 200*				26.0
27.0	22.0	59.4	5 600*	31.4	62.9	6 500*	41.8	66.2	8 100*	50.2	68.4	10 200*				27.0
28.0				26.2	61.0	6 000*	38.0	64.9	7 400*	47.0	67.4	9 300*	59.4	69.7	14 100*	28.0
29.0							33.8	63.5	6 800*	43.6	66.4	8 500*	56.6	69.1	12 600*	29.0
30.0							29.1	61.7	6 300*	39.9	65.2	7 800*	53.7	68.3	11 400*	30.0
31.0							23.4	59.6	5 800*	36.0	63.8	7 200*	50.6	67.5	10 400*	31.0
32.0							15.8	56.5	5 300*	31.5	62.3	6 600*	47.4	66.6	9 500*	32.0
33.0										26.4	60.3	6 100*	44.0	65.5	8 700*	33.0
34.0													40.4	64.4	8 000*	34.0
35.0													36.5	63.0	7 300*	35.0
36.0													32.1	61.5	6 700*	36.0
37.0													27.1	59.6	6 200*	37.0
38.0													20.9	57.2	5 800*	38.0

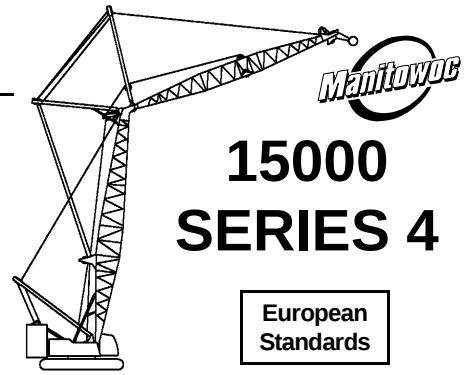
Capacities indicated by (b) require 1 180 kg minimum block weight.
Capacities based on structural competence are denoted by an asterisk (*).

Liftcrane Luffing Jib Intermediate Fall 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

Int. Fall Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			Int. Fall Oper. Rad. m
	Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		
		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms	
12.2	74.5	77.1	26 700*										12.2
13.0	72.7	76.8	26 400*										13.0
14.0	70.5	76.4	25 600*										14.0
15.0	68.2	76.1	22 600*										15.0
16.0	65.9	75.6	19 700*	69.8	76.2	24 400*							16.0
17.0	63.6	75.1	17 700*	67.5	75.8	21 500*							17.0
18.0	61.2	74.5	15 900*	65.2	75.3	19 200*							18.0
19.0	58.7	73.9	14 400*	62.8	74.8	17 200*	68.7	75.7	23 200*				19.0
20.0	56.2	73.3	13 100*	60.4	74.2	15 500*	66.4	75.3	20 500*				20.0
21.0	53.6	72.5	12 000*	57.9	73.6	14 100*	64.1	74.8	18 300*				21.0
22.0	50.9	71.7	11 000*	55.4	72.9	12 900*	61.7	74.3	16 500*				22.0
23.0	48.1	70.8	10 100*	52.7	72.2	11 800*	59.2	73.7	15 000*	65.3	74.7	19 500*	23.0
24.0	45.1	69.8	9 300*	50.0	71.3	10 800*	56.7	73.0	13 600*	62.9	74.1	17 600*	24.0
25.0	42.0	68.7	8 600*	47.1	70.4	9 900*	54.1	72.3	12 400*	60.5	73.6	15 800*	25.0
26.0	38.6	67.5	8 000*	44.1	69.4	9 100*	51.5	71.5	11 400*	58.0	72.9	14 400*	26.0
27.0	35.0	66.1	7 400*	41.0	68.2	8 400*	48.7	70.6	10 500*	55.5	72.2	13 100*	27.0
28.0	31.0	64.4	6 800*	37.5	66.9	7 800*	45.7	69.6	9 700*	52.8	71.5	12 000*	28.0
29.0	26.5	62.5	6 300*	33.8	65.5	7 300*	42.7	68.6	8 900*	50.1	70.7	11 100*	29.0
30.0	20.9	60.1	5 900*	29.7	63.8	6 700*	39.4	67.4	8 300*	47.2	69.7	10 200*	30.0
31.0				24.9	61.7	6 200*	35.8	66.0	7 600*	44.2	68.7	9 400*	31.0
32.0				18.9	59.0	5 800*	31.9	64.4	7 100*	41.1	67.6	8 700*	32.0
33.0							27.5	62.6	6 600*	37.7	66.3	8 000*	33.0
34.0							22.2	60.3	6 100*	33.9	64.8	7 400*	34.0
35.0							15.2	57.1	5 700*	29.8	63.1	6 900*	35.0
36.0										25.0	61.1	6 400*	36.0

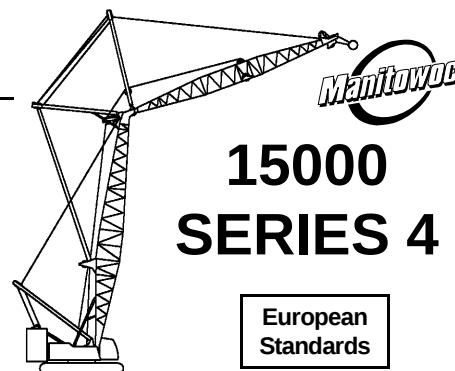
Capacities indicated by (b) require 1 180 kg minimum block weight.
Capacities based on structural competence are denoted by an asterisk (*).

Liftcrane Luffing Jib Intermediate Fall 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

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

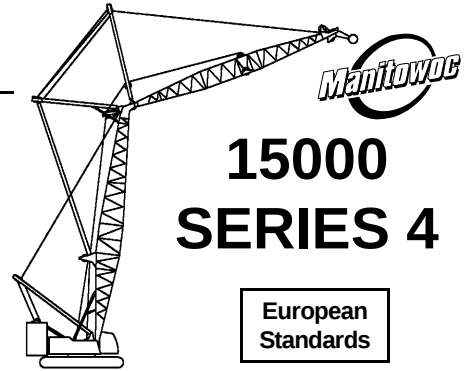
Int. Fall Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			Int. Fall Oper. Rad. m
	Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		
		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms	
12.2	72.5	73.9	24 000*										12.2
13.0	70.4	73.6	21 400*										13.0
14.0	67.9	73.2	18 400*	72.2	73.7	23 900*							14.0
15.0	65.3	72.7	16 100*	69.6	73.3	20 500*							15.0
16.0	62.6	72.2	14 300*	67.1	72.9	17 800*							16.0
17.0	59.9	71.6	12 800*	64.4	72.4	15 700*							17.0
18.0	57.1	70.9	11 500*	61.8	71.9	13 900*							18.0
19.0	54.1	70.2	10 400*	59.0	71.3	12 400*	65.8	72.4	17 000*				19.0
20.0	51.1	69.4	9 400*	56.2	70.6	11 200*	63.2	71.9	14 900*				20.0
21.0	47.9	68.5	8 600*	53.2	69.9	10 100*	60.5	71.3	13 300*				21.0
22.0	44.6	67.5	7 800*	50.1	69.0	9 200*	57.7	70.7	11 900*	64.5	71.7	16 100*	22.0
23.0	41.0	66.3	7 200*	46.9	68.1	8 400*	54.8	70.0	10 800*	61.8	71.2	14 200*	23.0
24.0	37.1	65.1	6 600*	43.5	67.0	7 700*	51.8	69.2	9 800*	59.1	70.6	12 700*	24.0
25.0	32.8	63.5	6 000*	39.8	65.9	7 000*	48.6	68.3	8 900*	56.2	69.9	11 400*	25.0
26.0	27.9	61.7	5 600*	35.8	64.5	6 500*	45.3	67.3	8 100*	53.3	69.2	10 400*	26.0
27.0	22.0	59.4	5 200*	31.4	62.9	6 000*	41.8	66.2	7 400*	50.2	68.4	9 400*	27.0
28.0				26.2	61.0	5 500*	38.0	64.9	6 800*	47.0	67.4	8 600*	28.0
29.0							33.8	63.5	6 300*	43.6	66.4	7 900*	29.0
30.0							29.1	61.7	5 800*	39.9	65.2	7 200*	30.0
31.0							23.4	59.6	5 300*	36.0	63.8	6 600*	31.0
32.0							15.8	56.5	4 900*	31.5	62.3	6 100*	32.0
33.0										26.4	60.3	5 600*	33.0

Capacities indicated by (b) require 1 180 kg minimum block weight.
Capacities based on structural competence are denoted by an asterisk (*).

Liftcrane Luffing Jib Intermediate Fall 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

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

Int. Fall Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			Int. Fall Oper. Rad. m
	Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall		
		Ang. Deg.	Elev. m		Capacity Kilograms	Ang. Deg.		Elev. m	Capacity Kilograms		Ang. Deg.	Elev. m	
12.2	74.5	77.1	26 700*										12.2
13.0	72.7	76.8	25 300*										13.0
14.0	70.5	76.4	23 400*										14.0
15.0	68.2	76.1	20 600*										15.0
16.0	65.9	75.6	18 100*	69.8	76.2	22 500*							16.0
17.0	63.6	75.1	16 300*	67.5	75.8	19 800*							17.0
18.0	61.2	74.5	14 600*	65.2	75.3	17 600*							18.0
19.0	58.7	73.9	13 300*	62.8	74.8	15 800*	68.7	75.7	21 400*				19.0
20.0	56.2	73.3	12 100*	60.4	74.2	14 300*	66.4	75.3	18 900*				20.0
21.0	53.6	72.5	11 000*	57.9	73.6	13 000*	64.1	74.8	16 900*				21.0
22.0	50.9	71.7	10 100*	55.4	72.9	11 800*	61.7	74.3	15 200*				22.0
23.0	48.1	70.8	9 300*	52.7	72.2	10 800*	59.2	73.7	13 800*	65.3	74.7	18 000*	23.0
24.0	45.1	69.8	8 500*	50.0	71.3	9 900*	56.7	73.0	12 500*	62.9	74.1	16 200*	24.0
25.0	42.0	68.7	7 800*	47.1	70.4	9 100*	54.1	72.3	11 400*	60.5	73.6	14 600*	25.0
26.0	38.6	67.5	7 200*	44.1	69.4	8 400*	51.5	71.5	10 500*	58.0	72.9	13 300*	26.0
27.0	35.0	66.1	6 700*	41.0	68.2	7 700*	48.7	70.6	9 600*	55.5	72.2	12 100*	27.0
28.0	31.0	64.4	6 200*	37.5	66.9	7 200*	45.7	69.6	8 900*	52.8	71.5	11 100*	28.0
29.0	26.5	62.5	5 800*	33.8	65.5	6 600*	42.7	68.6	8 200*	50.1	70.7	10 200*	29.0
30.0	20.9	60.1	5 400*	29.7	63.8	6 200*	39.4	67.4	7 600*	47.2	69.7	9 300*	30.0
31.0				24.9	61.7	5 700*	35.8	66.0	7 000*	44.2	68.7	8 600*	31.0
32.0				18.9	59.0	5 300*	31.9	64.4	6 500*	41.1	67.6	8 000*	32.0
33.0							27.5	62.6	6 000*	37.7	66.3	7 400*	33.0
34.0							22.2	60.3	5 600*	33.9	64.8	6 800*	34.0
35.0							15.2	57.1	5 200*	29.8	63.1	6 300*	35.0
36.0										25.0	61.1	5 900*	36.0

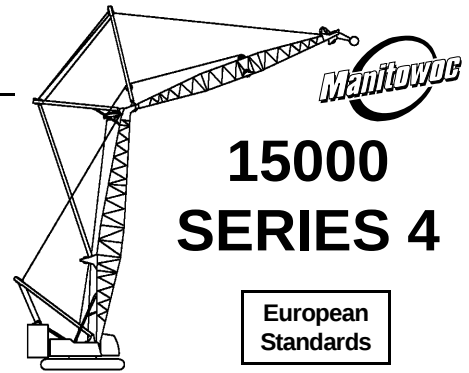
Capacities indicated by (b) require 1 180 kg minimum block weight.
Capacities based on structural competence are denoted by an asterisk (*).

Liftcrane Luffing Jib Intermediate Fall 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

Int. Fall Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			Int. Fall Oper. Rad. m
	Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		
		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms	
13.7	73.1	79.8	26 700*										13.7
14.0	72.5	79.7	26 000*										14.0
15.0	70.5	79.3	23 500*										15.0
16.0	68.5	78.9	21 100*	71.9	79.5	25 000*							16.0
17.0	66.4	78.5	19 000*	69.9	79.1	22 800*							17.0
18.0	64.3	78.0	17 200*	67.8	78.7	20 600*							18.0
19.0	62.2	77.5	15 600*	65.8	78.2	18 500*							19.0
20.0	60.0	76.9	14 200*	63.7	77.7	16 700*	68.9	78.6	21 800*				20.0
21.0	57.8	76.3	13 000*	61.5	77.2	15 200*	66.9	78.2	19 700*				21.0
22.0	55.5	75.6	11 900*	59.3	76.6	13 900*	64.8	77.7	17 800*				22.0
23.0	53.1	74.8	11 000*	57.1	75.9	12 800*	62.6	77.2	16 200*				23.0
24.0	50.7	74.0	10 100*	54.8	75.2	11 700*	60.5	76.6	14 700*				24.0
25.0	48.1	73.1	9 400*	52.4	74.5	10 800*	58.3	76.0	13 500*	63.7	77.1	17 100*	25.0
26.0	45.5	72.1	8 700*	49.9	73.6	10 000*	56.0	75.3	12 400*	61.6	76.5	15 500*	26.0
27.0	42.7	71.1	8 100*	47.3	72.7	9 300*	53.6	74.6	11 400*	59.4	75.9	14 200*	27.0
28.0	39.8	69.9	7 500*	44.7	71.7	8 600*	51.2	73.8	10 500*	57.1	75.3	13 000*	28.0
29.0	36.7	68.5	7 000*	41.8	70.6	8 000*	48.7	72.9	9 800*	54.8	74.6	12 000*	29.0
30.0	33.3	67.0	6 500*	38.9	69.3	7 400*	46.1	71.9	9 100*	52.4	73.8	11 100*	30.0
31.0	29.5	65.3	6 000*	35.6	68.0	6 900*	43.3	70.9	8 400*	50.0	73.0	10 300*	31.0
32.0	25.2	63.3	5 600*	32.1	66.4	6 400*	40.4	69.7	7 800*	47.4	72.0	9 500*	32.0
33.0	20.1	60.7	5 300*	28.3	64.6	6 000*	37.4	68.4	7 200*	44.7	71.0	8 800*	33.0
34.0				23.7	62.5	5 600*	34.0	67.0	6 800*	41.9	69.9	8 200*	34.0
35.0				18.2	59.7	5 200*	30.4	65.3	6 300*	38.9	68.7	7 600*	35.0
36.0							26.2	63.4	5 900*	35.7	67.3	7 100*	36.0
37.0							21.3	61.0	5 500*	32.3	65.8	6 600*	37.0
38.0							14.7	57.6	5 200*	28.4	64.0	6 200*	38.0
39.0										23.9	61.8	5 800*	39.0

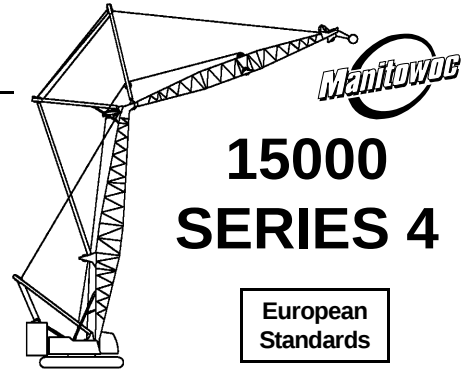
Capacities indicated by (b) require 1 180 kg minimum block weight.
Capacities based on structural competence are denoted by an asterisk (*).

Liftcrane Luffing Jib Intermediate Fall 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

Int. Fall Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			Int. Fall Oper. Rad. m
	Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		
		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms	
13.7	74.7	83.0	25 900*										13.7
14.0	74.2	82.9	25 200*										14.0
15.0	72.4	82.6	22 700*										15.0
16.0	70.5	82.2	20 500*										16.0
17.0	68.7	81.8	18 700*	71.8	82.3	22 100*							17.0
18.0	66.8	81.4	17 100*	70.0	82.0	20 000*							18.0
19.0	64.9	80.9	15 700*	68.1	81.6	18 200*							19.0
20.0	63.0	80.4	14 500*	66.2	81.1	16 700*							20.0
21.0	61.0	79.8	13 400*	64.3	80.7	15 300*							21.0
22.0	59.0	79.2	12 300*	62.4	80.1	14 100*	67.2	81.1	17 600*				22.0
23.0	57.0	78.6	11 300*	60.4	79.6	13 100*	65.3	80.6	16 100*				23.0
24.0	54.9	77.9	10 400*	58.4	78.9	12 100*	63.4	80.1	14 800*				24.0
25.0	52.7	77.1	9 600*	56.4	78.3	11 200*	61.5	79.6	13 600*	66.3	80.5	16 900*	25.0
26.0	50.5	76.3	8 800*	54.2	77.6	10 300*	59.5	79.0	12 700*	64.4	80.0	15 500*	26.0
27.0	48.2	75.4	8 100*	52.1	76.8	9 400*	57.4	78.3	11 700*	62.5	79.4	14 300*	27.0
28.0	45.8	74.4	7 500*	49.8	75.9	8 700*	55.4	77.7	10 900*	60.5	78.9	13 200*	28.0
29.0	43.3	73.4	6 900*	47.5	75.0	8 000*	53.2	76.9	10 000*	58.5	78.3	12 200*	29.0
30.0	40.7	72.2	6 400*	45.1	74.0	7 400*	51.0	76.1	9 200*	56.4	77.6	11 300*	30.0
31.0	38.0	71.0	5 900*	42.5	72.9	6 800*	48.7	75.2	8 500*	54.3	76.9	10 500*	31.0
32.0	35.0	69.6	5 400*	39.9	71.7	6 300*	46.4	74.3	7 800*	52.1	76.1	9 700*	32.0
33.0	31.8	68.0	5 000*	37.1	70.4	5 800*	43.9	73.2	7 200*	49.9	75.3	8 900*	33.0
34.0	28.2	66.2	4 700*	34.0	69.0	5 400*	41.3	72.1	6 700*	47.6	74.3	8 300*	34.0
35.0	24.2	64.0	4 300*	30.7	67.3	5 000*	38.6	70.8	6 200*	45.2	73.3	7 600*	35.0
36.0	19.3	61.4	4 000*	27.0	65.4	4 600*	35.6	69.5	5 700*	42.6	72.3	7 100*	36.0
37.0				22.8	63.2	4 300*	32.5	67.9	5 300*	40.0	71.1	6 500*	37.0
38.0				17.5	60.3	4 000*	29.0	66.2	4 900*	37.1	69.8	6 100*	38.0
39.0							25.1	64.1	4 500*	34.1	68.3	5 600*	39.0
40.0							20.5	61.6	4 200*	30.8	66.7	5 200*	40.0
42.0										22.9	62.5	4 400*	42.0

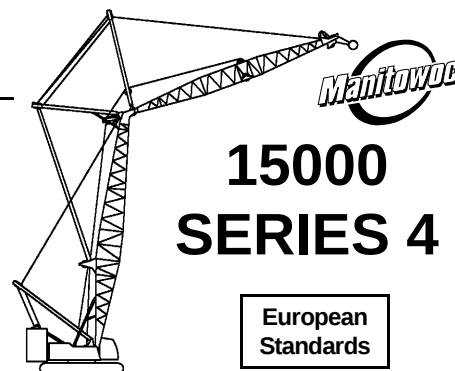
Capacities indicated by (b) require 1 180 kg minimum block weight.
Capacities based on structural competence are denoted by an asterisk (*).

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

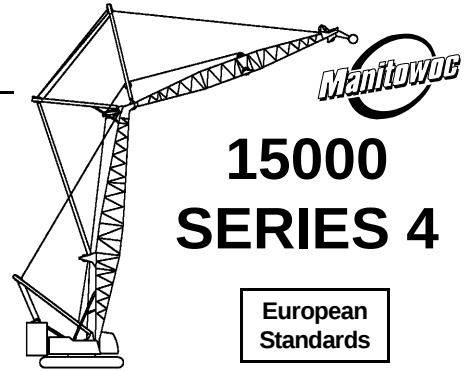
Int. Fall Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			Int. Fall Oper. Rad. m
	Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		
		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms	
13.7	76.0	86.1	26 700*							13.7
14.0	75.5	86.1	26 200*							14.0
15.0	73.9	85.8	24 200*							15.0
16.0	72.2	85.4	22 300*							16.0
17.0	70.6	85.1	20 400*	73.4	85.6	23 700*				17.0
18.0	68.9	84.7	18 800*	71.7	85.2	21 800*				18.0
19.0	67.2	84.3	17 300*	70.0	84.9	19 900*				19.0
20.0	65.4	83.8	16 000*	68.4	84.5	18 400*				20.0
21.0	63.7	83.3	14 900*	66.6	84.0	16 900*				21.0
22.0	61.9	82.8	13 800*	64.9	83.6	15 700*	69.2	84.4	19 300*	22.0
23.0	60.1	82.2	12 900*	63.1	83.0	14 600*	67.5	84.0	17 700*	23.0
24.0	58.2	81.6	12 000*	61.3	82.5	13 600*	65.8	83.5	16 400*	24.0
25.0	56.4	80.9	11 200*	59.5	81.9	12 600*	64.1	83.0	15 200*	25.0
26.0	54.4	80.2	10 400*	57.7	81.3	11 900*	62.3	82.5	14 100*	26.0
27.0	52.4	79.4	9 700*	55.8	80.6	11 100*	60.5	81.9	13 200*	27.0
28.0	50.4	78.6	9 000*	53.8	79.8	10 300*	58.6	81.3	12 300*	28.0
29.0	48.3	77.7	8 400*	51.8	79.1	9 600*	56.8	80.7	11 500*	29.0
30.0	46.1	76.7	7 800*	49.7	78.2	8 900*	54.8	80.0	10 800*	30.0
31.0	43.9	75.7	7 200*	47.6	77.3	8 300*	52.9	79.2	10 100*	31.0
32.0	41.5	74.6	6 700*	45.4	76.3	7 700*	50.8	78.4	9 400*	32.0
33.0	39.0	73.4	6 300*	43.1	75.3	7 200*	48.7	77.5	8 800*	33.0
34.0	36.4	72.0	5 800*	40.7	74.1	6 700*	46.6	76.6	8 100*	34.0
35.0	33.6	70.5	5 400*	38.2	72.8	6 200*	44.3	75.6	7 600*	35.0
36.0	30.5	68.9	5 000*	35.5	71.5	5 800*	42.0	74.4	7 000*	36.0
37.0	27.1	67.0	4 700*	32.6	69.9	5 400*	39.5	73.2	6 600*	37.0
38.0	23.3	64.7	4 400*	29.5	68.2	5 000*	36.9	71.9	6 100*	38.0
39.0	18.7	62.0	3 600*	26.0	66.2	4 700*	34.2	70.5	5 700*	39.0
40.0				22.0	63.8	4 300*	31.2	68.8	5 300*	40.0
42.0							24.2	64.9	4 600*	42.0
44.0							14.0	58.7	3 100*	44.0

Capacities indicated by (b) require 1 180 kg minimum block weight.
Capacities based on structural competence are denoted by an asterisk (*).

Liftcrane Luffing Jib Intermediate Fall Capacities

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

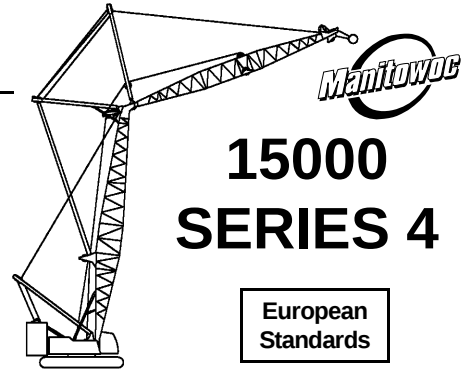
Maximum Operating Wind Speeds (all boom lengths)		
13 m/s with 21.3m thru 33.5m Luffing Jib		
11 m/s with 36.6m thru 42.7m Luffing Jib		
9 m/s with 45.7m thru 51.8m Luffing Jib		
7 m/s with 54.9m thru 67.1m Luffing Jib		
5 m/s with 70.1m and 73.2m Luffing Jib		



48.5m (159 Ft.) Boom, 73.2m (240 Ft.) Luffing Jib

Int. Fall Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			Int. Fall Oper. Rad. m
	Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		
		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms	
15.2	74.8	88.9	22 700*							15.2
16.0	73.7	88.7	21 300*							16.0
17.0	72.1	88.3	19 500*							17.0
18.0	70.6	88.0	17 900*							18.0
19.0	69.0	87.6	16 500*	71.7	88.1	19 100*				19.0
20.0	67.5	87.2	15 200*	70.1	87.7	17 500*				20.0
21.0	65.9	86.7	14 100*	68.5	87.3	16 100*				21.0
22.0	64.3	86.2	13 100*	67.0	86.9	14 900*				22.0
23.0	62.6	85.7	12 200*	65.4	86.5	13 800*	69.4	87.3	16 900*	23.0
24.0	61.0	85.2	11 300*	63.8	86.0	12 800*	67.8	86.9	15 600*	24.0
25.0	59.3	84.6	10 500*	62.1	85.4	11 900*	66.2	86.4	14 400*	25.0
26.0	57.6	83.9	9 800*	60.4	84.9	11 100*	64.6	85.9	13 400*	26.0
27.0	55.8	83.2	9 200*	58.7	84.2	10 300*	63.0	85.4	12 400*	27.0
28.0	54.0	82.5	8 500*	57.0	83.6	9 600*	61.3	84.9	11 600*	28.0
29.0	52.2	81.7	8 000*	55.2	82.9	9 000*	59.6	84.3	10 800*	29.0
30.0	50.3	80.9	7 400*	53.4	82.2	8 400*	57.9	83.7	10 000*	30.0
31.0	48.3	80.0	7 000*	51.6	81.4	7 800*	56.2	83.0	9 400*	31.0
32.0	46.3	79.1	6 500*	49.7	80.5	7 300*	54.4	82.3	8 800*	32.0
33.0	44.3	78.0	6 100*	47.7	79.6	6 900*	52.6	81.5	8 200*	33.0
34.0	42.1	76.9	5 700*	45.7	78.6	6 400*	50.7	80.7	7 600*	34.0
35.0	39.9	75.7	5 300*	43.6	77.6	6 000*	48.8	79.8	7 100*	35.0
36.0	37.5	74.5	4 900*	41.4	76.5	5 600*	46.8	78.9	6 700*	36.0
37.0	35.0	73.0	4 500*	39.1	75.2	5 200*	44.7	77.9	6 300*	37.0
38.0	32.3	71.5	4 200*	36.7	73.9	4 900*	42.6	76.8	5 800*	38.0
39.0	29.4	69.7	3 800*	34.2	72.5	4 500*	40.3	75.6	5 400*	39.0
40.0	26.2	67.8	3 400*	31.4	70.8	4 100*	38.0	74.3	5 100*	40.0
42.0				25.1	67.0	3 500*	32.9	71.4	4 400*	42.0
44.0				16.6	61.5	2 100*	26.9	67.8	3 800*	44.0

Capacities indicated by (b) require 1 180 kg minimum block weight.
Capacities based on structural competence are denoted by an asterisk (*).



15000 SERIES 4

European
Standards

**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

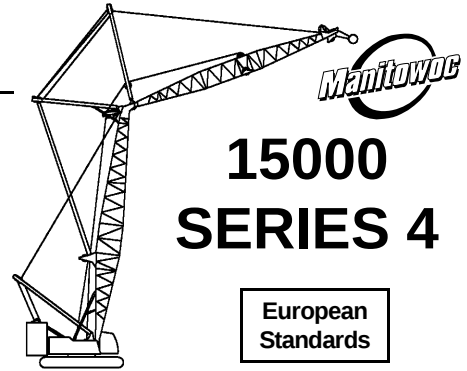
Int. Fall Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Int. Fall Oper. Rad. m
	Jib		Intermediate Fall	Jib		Intermediate Fall	Jib		Intermediate Fall	Jib		Intermediate Fall	Jib		Intermediate Fall	Jib		Intermediate Fall	
	Ang. Deg.	Elev. m		Ang. Deg.	Elev. m		Ang. Deg.	Elev. m		Ang. Deg.	Elev. m		Ang. Deg.	Elev. m		Ang. Deg.	Elev. m		
12.2	52.7	63.1	15 100*															12.2	
13.0	47.5	62.4	13 500*															13.0	
14.0	40.2	61.2	11 500*	52.6	63.0	15 300*b												14.0	
15.0	31.5	59.7	10 100*	46.1	62.0	13 100*												15.0	
16.0				38.6	60.8	11 300*												16.0	
17.0							50.6	62.4	14 700*									17.0	
18.0							43.8	61.4	12 700*									18.0	
19.0							35.9	60.1	10 900*									19.0	
20.0										48.4	61.7	14 100*						20.0	
21.0										41.3	60.6	12 200*						21.0	
22.0										32.8	59.1	10 500*						22.0	
23.0													57.0	61.8	18 000*b			23.0	
24.0													50.8	61.0	15 200*			24.0	
25.0													44.1	60.0	12 800*			25.0	
26.0													36.2	58.7	11 200*			26.0	
27.0													26.1	56.8	9 800*			27.0	
28.0																52.5	59.8	16 200*b	28.0
29.0																45.9	58.9	13 600*	29.0
30.0																38.4	57.6	11 700*	30.0

Capacities indicated by (b) require 1 180 kg minimum block weight.
Capacities based on structural competence are denoted by an asterisk (*).

Liftcrane Luffing Jib Intermediate Fall Capacities

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

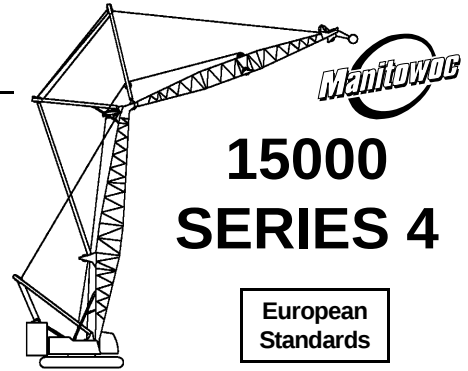
Maximum Operating Wind Speeds (all boom lengths)	
13 m/s with 21.3m thru 33.5m Luffing Jib	
11 m/s with 36.6m thru 42.7m Luffing Jib	
9 m/s with 45.7m thru 51.8m Luffing Jib	
7 m/s with 54.9m thru 67.1m Luffing Jib	
5 m/s with 70.1m and 73.2m Luffing Jib	



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

Int. Fall Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Int. Fall Oper. Rad. m
	Jib		Intermediate Fall	Jib		Intermediate Fall	Jib		Intermediate Fall	Jib		Intermediate Fall	Jib		Intermediate Fall	Jib		Intermediate Fall	
	Ang. Deg.	Elev. m		Capacity Kilograms	Ang. Deg.		Elev. m	Capacity Kilograms		Ang. Deg.	Elev. m		Capacity Kilograms	Ang. Deg.		Elev. m	Capacity Kilograms		
10.7	61.6	64.2	16 800* b	58.6	63.8	15 500*													
11.0	59.8	64.0	15 900* b																
12.0	53.9	63.3	13 200*																
13.0	47.5	62.4	11 100*																
14.0	40.2	61.2	9 600*																
15.0	31.5	59.7	8 300*	46.1	62.0	10 800*	56.8	63.2	14 700* b										
16.0				38.6	60.8	9 300*													
17.0																			
18.0																			
19.0																			
20.0										54.7	62.6	14 000*							15.0
21.0							50.6	62.4	12 100*										16.0
22.0							43.8	61.4	10 400*										17.0
23.0							35.9	60.1	9 000*	54.7	62.6	14 000*							18.0
24.0																			19.0
25.0										48.4	61.7	11 600*	57.0	61.8	15 000*				20.0
26.0										41.3	60.6	9 900*							21.0
27.0										32.8	59.1	8 700*							22.0
28.0																			23.0
29.0																			24.0
30.0													57.0	61.8	15 000*				25.0
													50.8	61.0	12 700*				26.0
																			27.0
																			28.0
																			29.0
																			30.0

Capacities indicated by (b) require 1 180 kg minimum block weight.
Capacities based on structural competence are denoted by an asterisk (*).



15000 SERIES 4

European
Standards

**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

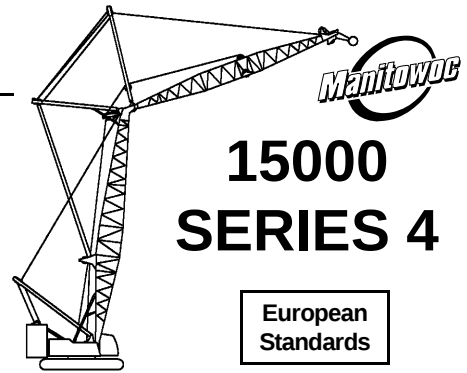
Int. Fall Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Int. Fall Oper. Rad. m			
	Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall					
		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms				
10.7	61.6	64.2	14 800* ^b																			
11.0	59.8	64.0	14 000* ^b																			
12.0	53.9	63.3	11 600*																			
13.0	47.5	62.4	9 700*																			
14.0	40.2	61.2	8 300*																			
15.0	31.5	59.7	7 200*	46.1	62.0	9 500*	56.8	63.2	13 000*													
16.0				38.6	60.8	8 100*																
17.0																			50.6	62.4	10 700*	
18.0																			43.8	61.4	9 100*	
19.0																			35.9	60.1	7 800*	
20.0										48.4	61.7	10 200*										
21.0										41.3	60.6	8 700*										
22.0										32.8	59.1	7 500*										
23.0																			57.0	61.8	13 300*	
24.0																			50.8	61.0	11 100*	
25.0													44.1	60.0	9 300*							
26.0													36.2	58.7	8 000*							
27.0													26.1	56.8	7 000*							
28.0																				52.5	59.8	11 800*
29.0																				45.9	58.9	9 900*
30.0																38.4	57.6	8 400*	30.0			

Capacities indicated by (b) require 1 180 kg minimum block weight.
Capacities based on structural competence are denoted by an asterisk (*).

Liftcrane Luffing Jib Intermediate Fall Capacities

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

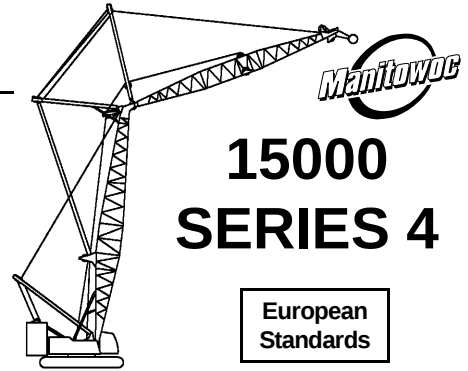
Maximum Operating Wind Speeds (all boom lengths)	
13 m/s with 21.3m thru 33.5m Luffing Jib	
11 m/s with 36.6m thru 42.7m Luffing Jib	
9 m/s with 45.7m thru 51.8m Luffing Jib	
7 m/s with 54.9m thru 67.1m Luffing Jib	
5 m/s with 70.1m and 73.2m Luffing Jib	



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

Int. Fall Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Int. Fall Oper. Rad. m					
	Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall							
	Ang. Deg.	Elev. m	Capacity Kilograms	Ang. Deg.	Elev. m	Capacity Kilograms	Ang. Deg.	Elev. m	Capacity Kilograms	Ang. Deg.	Elev. m	Capacity Kilograms	Ang. Deg.	Elev. m	Capacity Kilograms	Ang. Deg.	Elev. m	Capacity Kilograms						
10.7	67.8	67.7	21 400*	65.6	67.3	19 800*																		
11.0	66.4	67.5	20 200*																					
12.0	62.2	67.0	16 700*																					
13.0	57.7	66.3	14 000*																					
14.0	52.9	65.6	12 100*																					
15.0	47.8	64.7	10 500*	56.7	66.1	13 700*	64.2	66.8	18 800*															
16.0	42.2	63.6	9 300*	51.9	65.3	11 800*																		
17.0	35.9	62.2	8 200*	46.7	64.4	10 300*																		
18.0	28.2	60.5	7 300*	41.0	63.2	9 100*																		
19.0				34.4	61.8	8 100*																		
20.0							44.9	63.7	10 000*	58.3	65.6	14 800*												
21.0							39.0	62.5	8 800*	53.6	64.9	12 600*												
22.0							32.0	61.0	7 800*	48.5	64.0	11 000*												
23.0										43.0	62.9	9 700*												
24.0										36.8	61.6	8 500*												
25.0										29.3	59.9	7 500*	55.4	64.1	13 700*									
26.0																			50.5	63.3	11 700*			
27.0																			45.1	62.3	10 200*			
28.0																			39.2	61.1	9 000*			
29.0																			32.3	59.6	8 000*			
30.0													23.5	57.5	7 100*	51.8	62.1	12 400*						
31.0																						46.6	61.2	10 700*
32.0																						40.9	60.0	9 400*
33.0																						34.3	58.6	8 300*

Capacities indicated by (b) require 1 180 kg minimum block weight.
Capacities based on structural competence are denoted by an asterisk (*).



15000 SERIES 4

European
Standards

**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

Int. Fall Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Int. Fall Oper. Rad. m
	Jib		Intermediate Fall	Jib		Intermediate Fall	Jib		Intermediate Fall	Jib		Intermediate Fall	Jib		Intermediate Fall	Jib		Intermediate Fall	
	Ang. Deg.	Elev. m		Capacity Kilograms	Ang. Deg.		Elev. m	Capacity Kilograms		Ang. Deg.	Elev. m		Capacity Kilograms	Ang. Deg.		Elev. m	Capacity Kilograms		
10.7	61.6	64.2	14 000*	58.6	63.8	12 900*	67.8	64.4	18 900*										
11.0	59.8	64.0	13 200*																
12.0	53.9	63.3	11 000*																
13.0	47.5	62.4	9 200*																
14.0	40.2	61.2	8 000*																
15.0	31.5	59.7	6 900*	46.1	62.0	9 000*	62.4	63.9	14 900*										
16.0			7 700*																
17.0																			
18.0																			
19.0																			
20.0																			
21.0																			
22.0																			
23.0																			
24.0																			
25.0																			
26.0																			
27.0																			
28.0																			
29.0																			
30.0																			

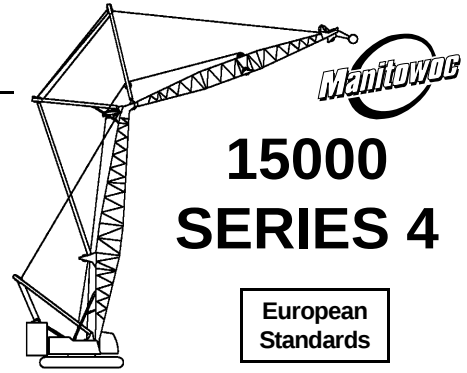
Capacities indicated by (b) require 1 180 kg minimum block weight.
Capacities based on structural competence are denoted by an asterisk (*).

Liftcrane Luffing Jib Intermediate Fall 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)**

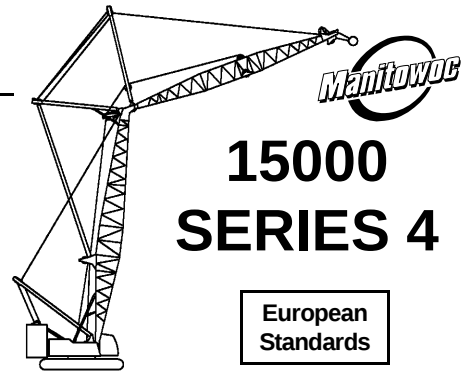
13 m/s with 21.3m thru 33.5m Luffing Jib
11 m/s with 36.6m thru 42.7m Luffing Jib
9 m/s with 45.7m thru 51.8m Luffing Jib
7 m/s with 54.9m thru 67.1m Luffing Jib
5 m/s with 70.1m and 73.2m Luffing Jib



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

Int. Fall Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Int. Fall Oper. Rad. m
	Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall		
	Ang. Deg.	Elev. m	Capacity Kilograms	Ang. Deg.	Elev. m	Capacity Kilograms	Ang. Deg.	Elev. m	Capacity Kilograms	Ang. Deg.	Elev. m	Capacity Kilograms	Ang. Deg.	Elev. m	Capacity Kilograms	Ang. Deg.	Elev. m	Capacity Kilograms	
10.7	67.8	67.7	19 300*	65.6	67.3	17 800*													
11.0	66.4	67.5	18 300*																
12.0	62.2	67.0	15 100*																
13.0	57.7	66.3	12 600*																
14.0	52.9	65.6	10 900*																
15.0	47.8	64.7	9 500*	56.7	66.1	12 300*	64.2	66.8	16 900*										
16.0	42.2	63.6	8 300*	51.9	65.3	10 600*													
17.0	35.9	62.2	7 400*	46.7	64.4	9 300*													
18.0	28.2	60.5	6 500*	41.0	63.2	8 200*													
19.0				34.4	61.8	7 200*													
20.0							44.9	63.7	9 000*	58.3	65.6	13 300*							
21.0							39.0	62.5	7 900*	53.6	64.9	11 400*							
22.0							32.0	61.0	7 000*	48.5	64.0	9 900*							
23.0										43.0	62.9	8 700*							
24.0										36.8	61.6	7 600*							
25.0										29.3	59.9	6 800*	55.4	64.1	12 300*				
26.0													50.5	63.3	10 600*				
27.0													45.1	62.3	9 200*				
28.0													39.2	61.1	8 100*				
29.0													32.3	59.6	7 200*				
30.0													23.5	57.5	6 400*	51.8	62.1	11 200*	30.0
31.0													46.6	61.2	9 700*	31.0			
32.0													40.9	60.0	8 500*	32.0			
33.0													34.3	58.6	7 500*	33.0			

Capacities indicated by (b) require 1 180 kg minimum block weight.
Capacities based on structural competence are denoted by an asterisk (*).



Liftcrane Luffing Jib Intermediate Fall 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

**European
Standards**

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

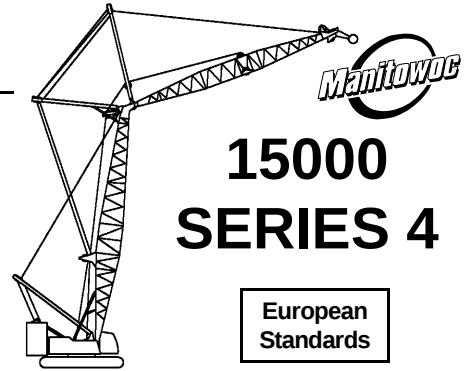
Int. Fall Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Int. Fall Oper. Rad. m
	Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		
		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms	
10.7	71.8	71.0	24 400*															10.7	
11.0	70.6	70.8	23 100*															11.0	
12.0	67.2	70.4	19 100*															12.0	
13.0	63.7	69.9	16 000*	69.9	70.7	22 600*												13.0	
14.0	60.0	69.3	13 900*	66.5	70.2	18 400*												14.0	
15.0	56.2	68.7	12 100*	62.9	69.7	15 700*												15.0	
16.0	52.3	67.9	10 600*	59.3	69.1	13 500*												16.0	
17.0	48.0	67.0	9 400*	55.4	68.4	11 900*	65.4	69.8	17 800*									17.0	
18.0	43.5	65.9	8 400*	51.4	67.6	10 500*	61.8	69.2	15 200*									18.0	
19.0	38.4	64.7	7 500*	47.1	66.7	9 300*	58.1	68.6	13 000*									19.0	
20.0	32.7	63.2	6 800*	42.5	65.6	8 300*	54.2	67.9	11 500*	64.2	69.2	17 000*						20.0	
21.0	25.8	61.3	6 100*	37.3	64.3	7 400*	50.1	67.0	10 100*	60.5	68.6	14 600*						21.0	
22.0				31.4	62.7	6 700*	45.7	66.1	9 000*	56.8	67.9	12 600*						22.0	
23.0							40.9	64.9	8 100*	52.8	67.2	11 100*						23.0	
24.0							35.5	63.5	7 300*	48.6	66.3	9 800*						24.0	
25.0							29.3	61.8	6 600*	44.1	65.2	8 700*						25.0	
26.0										39.1	64.0	7 900*	58.2	67.2	13 500*			26.0	
27.0										33.6	62.6	7 100*	54.3	66.4	11 800*			27.0	
28.0										26.9	60.7	6 400*	50.2	65.6	10 400*			28.0	
29.0													45.8	64.6	9 200*			29.0	
30.0													41.1	63.5	8 300*			30.0	
31.0													35.7	62.1	7 400*	55.4	65.2	12 400*	
32.0													29.5	60.4	6 700*	51.3	64.4	10 800*	
33.0													21.6	58.2	6 000*	47.0	63.5	9 600*	
34.0																42.4	62.4	8 600*	
35.0																37.2	61.1	7 700*	
36.0																31.3	59.5	6 900*	

Capacities indicated by (b) require 1 180 kg minimum block weight.
Capacities based on structural competence are denoted by an asterisk (*).

Liftcrane Luffing Jib Intermediate Fall 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

Int. Fall Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			Int. Fall Oper. Rad. m
	Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		
		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms	
10.7	74.5	74.2	26 700*													10.7
11.0	73.5	74.1	26 100*													11.0
12.0	70.7	73.7	24 300*													12.0
13.0	67.7	73.3	21 500*													13.0
14.0	64.8	72.8	18 100*	70.1	73.5	24 200*										14.0
15.0	61.7	72.3	15 800*	67.1	73.1	20 600*										15.0
16.0	58.5	71.7	13 900*	64.1	72.6	17 700*										16.0
17.0	55.2	71.0	12 400*	61.0	72.1	15 500*	69.1	73.1	23 100*							17.0
18.0	51.8	70.2	11 100*	57.8	71.4	13 700*	66.2	72.7	19 900*							18.0
19.0	48.2	69.3	10 000*	54.5	70.7	12 200*	63.1	72.2	17 100*							19.0
20.0	44.3	68.3	9 000*	51.1	69.9	10 900*	60.0	71.6	15 000*							20.0
21.0	40.1	67.1	8 200*	47.4	69.0	9 800*	56.8	70.9	13 300*							21.0
22.0	35.6	65.7	7 500*	43.5	67.9	8 900*	53.4	70.2	11 900*	62.1	71.5	16 600*				22.0
23.0	30.4	64.1	6 800*	39.2	66.7	8 100*	49.9	69.3	10 700*	58.9	70.9	14 500*				23.0
24.0	24.1	62.0	6 200*	34.6	65.3	7 300*	46.2	68.4	9 600*	55.7	70.2	12 900*				24.0
25.0				29.2	63.6	6 700*	42.2	67.3	8 700*	52.3	69.5	11 500*				25.0
26.0							37.8	66.0	7 900*	48.7	68.6	10 400*				26.0
27.0							32.9	64.5	7 200*	44.8	67.6	9 400*				27.0
28.0							27.2	62.7	6 600*	40.7	66.4	8 500*	56.9	69.5	13 700*	28.0
29.0										36.2	65.1	7 700*	53.5	68.7	12 200*	29.0
30.0										31.1	63.5	7 000*	50.0	67.9	10 900*	30.0
31.0										25.0	61.5	6 400*	46.3	66.9	9 800*	31.0
32.0										16.8	58.6	5 800*	42.3	65.8	8 900*	32.0
33.0													38.0	64.6	8 100*	33.0
34.0													33.1	63.1	7 400*	34.0
35.0													27.5	61.2	6 700*	35.0
36.0													20.3	58.8	6 200*	36.0

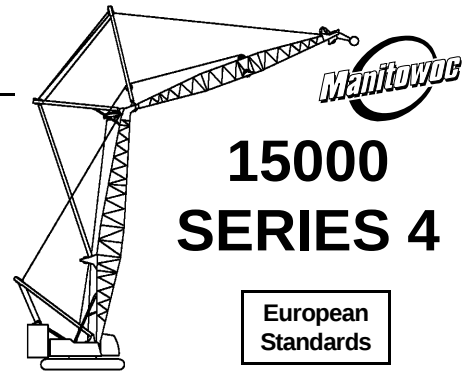
Capacities indicated by (b) require 1 180 kg minimum block weight.
Capacities based on structural competence are denoted by an asterisk (*).

Liftcrane Luffing Jib Intermediate Fall 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

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

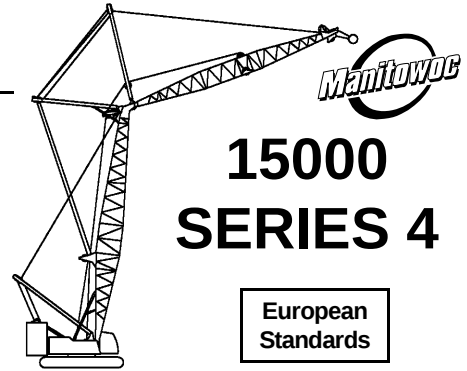
Int. Fall Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			Int. Fall Oper. Rad. m
	Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		
		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms	
12.2	72.7	76.9	26 700*													12.2
13.0	70.7	76.6	24 600*													13.0
14.0	68.1	76.2	22 000*	72.7	76.8	26 200*										14.0
15.0	65.5	75.7	19 300*	70.2	76.4	24 300*										15.0
16.0	62.9	75.2	17 000*	67.6	76.0	21 800*										16.0
17.0	60.2	74.7	15 100*	65.0	75.5	18 800*										17.0
18.0	57.4	74.0	13 600*	62.3	75.0	16 700*										18.0
19.0	54.4	73.3	12 300*	59.6	74.4	14 900*	66.8	75.6	20 900*							19.0
20.0	51.4	72.5	11 100*	56.8	73.7	13 400*	64.2	75.1	18 300*							20.0
21.0	48.3	71.6	10 100*	53.8	73.0	12 100*	61.5	74.5	16 200*							21.0
22.0	44.9	70.6	9 300*	50.8	72.2	11 000*	58.7	73.9	14 500*	65.9	75.0	20 100*				22.0
23.0	41.4	69.5	8 500*	47.6	71.3	10 000*	55.8	73.2	13 100*	63.3	74.4	17 700*				23.0
24.0	37.5	68.2	7 800*	44.2	70.3	9 200*	52.9	72.5	11 900*	60.5	73.9	15 800*				24.0
25.0	33.3	66.7	7 200*	40.6	69.1	8 400*	49.8	71.6	10 800*	57.7	73.2	14 200*				25.0
26.0	28.5	64.9	6 600*	36.7	67.8	7 700*	46.5	70.7	9 800*	54.8	72.5	12 800*				26.0
27.0	22.7	62.7	6 100*	32.4	66.2	7 100*	43.1	69.6	9 000*	51.8	71.8	11 600*				27.0
28.0				27.4	64.4	6 600*	39.4	68.4	8 300*	48.7	70.9	10 600*				28.0
29.0							35.4	67.0	7 600*	45.4	69.9	9 700*	58.9	72.5	15 000*	29.0
30.0							30.9	65.4	7 000*	41.9	68.8	8 900*	55.9	71.8	13 500*	30.0
31.0							25.6	63.4	6 500*	38.1	67.5	8 200*	53.0	71.0	12 100*	31.0
32.0							18.9	60.8	6 000*	33.9	66.1	7 500*	49.9	70.2	11 100*	32.0
33.0										29.2	64.3	6 900*	46.7	69.2	10 100*	33.0
34.0										23.6	62.2	6 400*	43.2	68.2	9 300*	34.0
35.0										16.0	59.2	5 900*	39.5	67.0	8 500*	35.0
36.0													35.5	65.6	7 800*	36.0
37.0													31.0	64.0	7 200*	37.0
38.0													25.8	62.0	6 700*	38.0
39.0													19.2	59.4	6 200*	39.0

Capacities indicated by (b) require 1 180 kg minimum block weight.
Capacities based on structural competence are denoted by an asterisk (*).

Liftcrane Luffing Jib Intermediate Fall 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

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

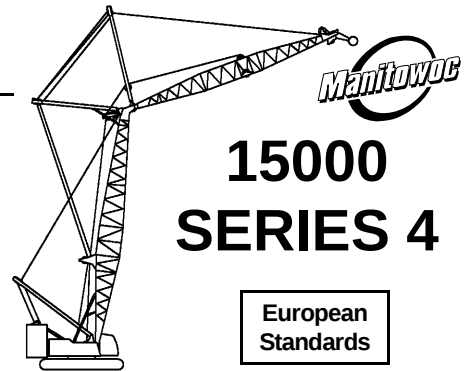
Int. Fall Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			Int. Fall Oper. Rad. m
	Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		
		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms	
12.2	74.7	80.1	26 700*													12.2
13.0	72.9	79.8	26 700*													13.0
14.0	70.7	79.5	26 200*													14.0
15.0	68.4	79.1	24 200*													15.0
16.0	66.2	78.6	22 000*	70.2	79.3	25 800*										16.0
17.0	63.8	78.2	19 500*	68.0	78.9	24 300*										17.0
18.0	61.4	77.6	17 600*	65.7	78.4	21 700*										18.0
19.0	59.0	77.0	15 900*	63.3	77.9	19 200*										19.0
20.0	56.4	76.3	14 500*	60.9	77.4	17 300*	67.2	78.4	23 400*							20.0
21.0	53.8	75.6	13 200*	58.5	76.7	15 700*	64.9	78.0	21 000*							21.0
22.0	51.2	74.8	12 100*	55.9	76.1	14 300*	62.6	77.4	18 800*							22.0
23.0	48.4	73.9	11 100*	53.3	75.3	13 100*	60.1	76.9	16 900*	66.5	77.9	22 600*				23.0
24.0	45.4	72.9	10 200*	50.6	74.5	12 000*	57.7	76.2	15 400*	64.1	77.4	20 300*				24.0
25.0	42.3	71.8	9 400*	47.8	73.6	11 000*	55.1	75.5	14 100*	61.7	76.8	18 200*				25.0
26.0	39.0	70.6	8 700*	44.8	72.6	10 200*	52.4	74.8	12 900*	59.3	76.2	16 500*				26.0
27.0	35.4	69.2	8 100*	41.6	71.5	9 400*	49.7	73.9	11 800*	56.8	75.6	15 100*				27.0
28.0	31.5	67.6	7 500*	38.3	70.2	8 700*	46.8	73.0	10 900*	54.2	74.8	13 800*				28.0
29.0	27.0	65.7	7 000*	34.6	68.8	8 000*	43.8	71.9	10 000*	51.5	74.1	12 600*	62.7	76.0	18 700	29.0
30.0	21.6	63.4	6 500*	30.6	67.2	7 500*	40.6	70.8	9 300*	48.7	73.2	11 600*	60.2	75.4	17 200	30.0
31.0				26.0	65.2	6 900*	37.2	69.5	8 600*	45.8	72.2	10 700*	57.7	74.8	15 800*	31.0
32.0				20.3	62.7	6 500*	33.4	68.0	8 000*	42.7	71.1	9 900*	55.2	74.1	14 400*	32.0
33.0							29.2	66.3	7 400*	39.5	69.9	9 200*	52.5	73.3	13 200*	33.0
34.0							24.3	64.2	6 900*	35.9	68.6	8 500*	49.8	72.5	12 100*	34.0
35.0							18.1	61.4	6 400*	32.0	67.0	7 900*	46.9	71.6	11 200*	35.0
36.0										27.6	65.2	7 300*	43.9	70.5	10 300*	36.0
37.0										22.4	62.9	6 800*	40.7	69.4	9 600*	37.0
38.0										15.4	59.7	6 300*	37.3	68.1	8 900*	38.0
39.0													33.5	66.6	8 200*	39.0
40.0													29.3	64.9	7 600*	40.0
42.0													18.4	60.0	6 600*	42.0

Capacities indicated by (b) require 1 180 kg minimum block weight.
Capacities based on structural competence are denoted by an asterisk (*).

Liftcrane Luffing Jib Intermediate Fall 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

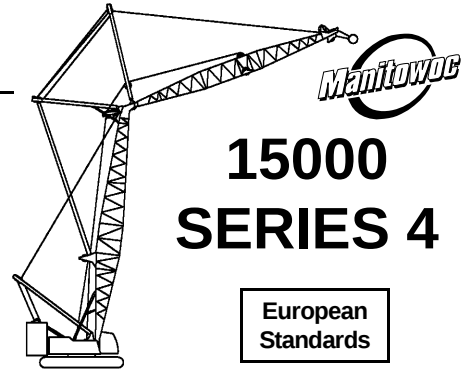
Int. Fall Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			Int. Fall Oper. Rad. m
	Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		
		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms	
12.2	72.7	76.9	26 500*										12.2
13.0	70.7	76.6	23 600*										13.0
14.0	68.1	76.2	20 200*	72.7	76.8	25 800*							14.0
15.0	65.5	75.7	17 700*	70.2	76.4	22 700*							15.0
16.0	62.9	75.2	15 700*	67.6	76.0	19 900*							16.0
17.0	60.2	74.7	14 000*	65.0	75.5	17 400*							17.0
18.0	57.4	74.0	12 600*	62.3	75.0	15 400*							18.0
19.0	54.4	73.3	11 300*	59.6	74.4	13 800*	66.8	75.6	19 300*				19.0
20.0	51.4	72.5	10 300*	56.8	73.7	12 400*	64.2	75.1	16 900*				20.0
21.0	48.3	71.6	9 400*	53.8	73.0	11 200*	61.5	74.5	15 000*				21.0
22.0	44.9	70.6	8 600*	50.8	72.2	10 200*	58.7	73.9	13 500*	65.9	75.0	18 600*	22.0
23.0	41.4	69.5	7 800*	47.6	71.3	9 300*	55.8	73.2	12 200*	63.3	74.4	16 400*	23.0
24.0	37.5	68.2	7 200*	44.2	70.3	8 500*	52.9	72.5	11 000*	60.5	73.9	14 600*	24.0
25.0	33.3	66.7	6 600*	40.6	69.1	7 800*	49.8	71.6	10 000*	57.7	73.2	13 100*	25.0
26.0	28.5	64.9	6 100*	36.7	67.8	7 200*	46.5	70.7	9 100*	54.8	72.5	11 900*	26.0
27.0	22.7	62.7	5 600*	32.4	66.2	6 600*	43.1	69.6	8 300*	51.8	71.8	10 700*	27.0
28.0				27.4	64.4	6 100*	39.4	68.4	7 600*	48.7	70.9	9 800*	28.0
29.0							35.4	67.0	7 000*	45.4	69.9	8 900*	29.0
30.0							30.9	65.4	6 500*	41.9	68.8	8 200*	30.0
31.0										25.6	63.4	5 900*	38.1
32.0							18.9	60.8	5 500*	33.9	66.1	6 900*	32.0
33.0										29.2	64.3	6 300*	33.0
34.0										23.6	62.2	5 800*	34.0
35.0										16.0	59.2	5 400*	35.0

Capacities indicated by (b) require 1 180 kg minimum block weight.
Capacities based on structural competence are denoted by an asterisk (*).

Liftcrane Luffing Jib Intermediate Fall 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

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

Int. Fall Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			Int. Fall Oper. Rad. m
	Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		
		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms	
12.2	74.7	80.1	26 700*										12.2
13.0	72.9	79.8	26 700*										13.0
14.0	70.7	79.5	26 100*										14.0
15.0	68.4	79.1	23 000*										15.0
16.0	66.2	78.6	20 000*	70.2	79.3	24 700*							16.0
17.0	63.8	78.2	17 900*	68.0	78.9	22 200*							17.0
18.0	61.4	77.6	16 100*	65.7	78.4	19 800*							18.0
19.0	59.0	77.0	14 600*	63.3	77.9	17 700*							19.0
20.0	56.4	76.3	13 300*	60.9	77.4	15 900*	67.2	78.4	21 500*				20.0
21.0	53.8	75.6	12 100*	58.5	76.7	14 400*	64.9	78.0	19 200*				21.0
22.0	51.2	74.8	11 100*	55.9	76.1	13 100*	62.6	77.4	17 200*				22.0
23.0	48.4	73.9	10 200*	53.3	75.3	12 000*	60.1	76.9	15 600*	66.5	77.9	20 800*	23.0
24.0	45.4	72.9	9 400*	50.6	74.5	11 000*	57.7	76.2	14 100*	64.1	77.4	18 700*	24.0
25.0	42.3	71.8	8 600*	47.8	73.6	10 100*	55.1	75.5	12 900*	61.7	76.8	16 800*	25.0
26.0	39.0	70.6	8 000*	44.8	72.6	9 300*	52.4	74.8	11 800*	59.3	76.2	15 200*	26.0
27.0	35.4	69.2	7 400*	41.6	71.5	8 600*	49.7	73.9	10 900*	56.8	75.6	13 800*	27.0
28.0	31.5	67.6	6 900*	38.3	70.2	7 900*	46.8	73.0	10 000*	54.2	74.8	12 600*	28.0
29.0	27.0	65.7	6 400*	34.6	68.8	7 400*	43.8	71.9	9 200*	51.5	74.1	11 600*	29.0
30.0	21.6	63.4	5 900*	30.6	67.2	6 800*	40.6	70.8	8 500*	48.7	73.2	10 600*	30.0
31.0				26.0	65.2	6 300*	37.2	69.5	7 900*	45.8	72.2	9 800*	31.0
32.0				20.3	62.7	5 900*	33.4	68.0	7 300*	42.7	71.1	9 100*	32.0
33.0							29.2	66.3	6 800*	39.5	69.9	8 400*	33.0
34.0							24.3	64.2	6 300*	35.9	68.6	7 700*	34.0
35.0							18.1	61.4	5 800*	32.0	67.0	7 200*	35.0
36.0										27.6	65.2	6 700*	36.0
37.0										22.4	62.9	6 200*	37.0
38.0										15.4	59.7	5 800*	38.0

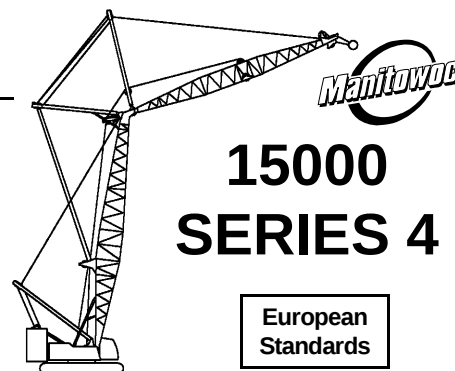
Capacities indicated by (b) require 1 180 kg minimum block weight.
Capacities based on structural competence are denoted by an asterisk (*).

Liftcrane Luffing Jib Intermediate Fall 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

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

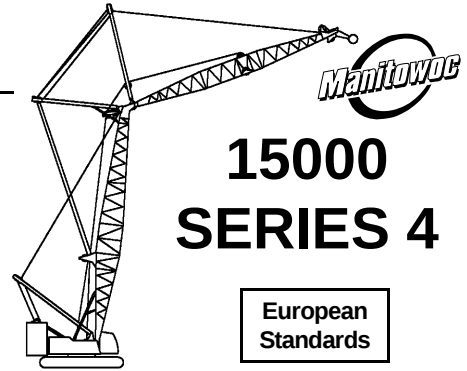
Int. Fall Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			Int. Fall Oper. Rad. m
	Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		
		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms	
12.2	72.7	76.9	24 600*										12.2
13.0	70.7	76.6	21 900*										13.0
14.0	68.1	76.2	18 700*	72.7	76.8	24 800*							14.0
15.0	65.5	75.7	16 400*	70.2	76.4	21 300*							15.0
16.0	62.9	75.2	14 500*	67.6	76.0	18 300*							16.0
17.0	60.2	74.7	13 000*	65.0	75.5	16 100*							17.0
18.0	57.4	74.0	11 600*	62.3	75.0	14 300*							18.0
19.0	54.4	73.3	10 500*	59.6	74.4	12 800*	66.8	75.6	17 900*				19.0
20.0	51.4	72.5	9 500*	56.8	73.7	11 500*	64.2	75.1	15 700*				20.0
21.0	48.3	71.6	8 700*	53.8	73.0	10 400*	61.5	74.5	13 900*				21.0
22.0	44.9	70.6	7 900*	50.8	72.2	9 400*	58.7	73.9	12 500*	65.9	75.0	17 300*	22.0
23.0	41.4	69.5	7 200*	47.6	71.3	8 600*	55.8	73.2	11 300*	63.3	74.4	15 200*	23.0
24.0	37.5	68.2	6 600*	44.2	70.3	7 800*	52.9	72.5	10 200*	60.5	73.9	13 500*	24.0
25.0	33.3	66.7	6 100*	40.6	69.1	7 200*	49.8	71.6	9 200*	57.7	73.2	12 100*	25.0
26.0	28.5	64.9	5 600*	36.7	67.8	6 600*	46.5	70.7	8 400*	54.8	72.5	11 000*	26.0
27.0	22.7	62.7	5 200*	32.4	66.2	6 000*	43.1	69.6	7 700*	51.8	71.8	9 900*	27.0
28.0				27.4	64.4	5 600*	39.4	68.4	7 100*	48.7	70.9	9 100*	28.0
29.0							35.4	67.0	6 500*	45.4	69.9	8 300*	29.0
30.0							30.9	65.4	6 000*	41.9	68.8	7 600*	30.0
31.0							25.6	63.4	5 500*	38.1	67.5	6 900*	31.0
32.0							18.9	60.8	5 100*	33.9	66.1	6 400*	32.0
33.0										29.2	64.3	5 900*	33.0
34.0										23.6	62.2	5 400*	34.0
35.0										16.0	59.2	5 000*	35.0

Capacities indicated by (b) require 1 180 kg minimum block weight.
Capacities based on structural competence are denoted by an asterisk (*).

Liftcrane Luffing Jib Intermediate Fall 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

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

Int. Fall Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			Int. Fall Oper. Rad. m
	Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		
		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms	
12.2	74.7	80.1	26 700*										12.2
13.0	72.9	79.8	25 600*										13.0
14.0	70.7	79.5	23 900*										14.0
15.0	68.4	79.1	21 000*										15.0
16.0	66.2	78.6	18 400*	70.2	79.3	23 300*							16.0
17.0	63.8	78.2	16 500*	68.0	78.9	20 400*							17.0
18.0	61.4	77.6	14 800*	65.7	78.4	18 100*							18.0
19.0	59.0	77.0	13 400*	63.3	77.9	16 200*							19.0
20.0	56.4	76.3	12 200*	60.9	77.4	14 600*	67.2	78.4	19 800*				20.0
21.0	53.8	75.6	11 100*	58.5	76.7	13 200*	64.9	78.0	17 700*				21.0
22.0	51.2	74.8	10 200*	55.9	76.1	12 100*	62.6	77.4	15 800*				22.0
23.0	48.4	73.9	9 300*	53.3	75.3	11 000*	60.1	76.9	14 400*	66.5	77.9	19 100*	23.0
24.0	45.4	72.9	8 600*	50.6	74.5	10 100*	57.7	76.2	13 000*	64.1	77.4	17 200*	24.0
25.0	42.3	71.8	7 900*	47.8	73.6	9 300*	55.1	75.5	11 900*	61.7	76.8	15 400*	25.0
26.0	39.0	70.6	7 300*	44.8	72.6	8 500*	52.4	74.8	10 800*	59.3	76.2	14 000*	26.0
27.0	35.4	69.2	6 700*	41.6	71.5	7 900*	49.7	73.9	10 000*	56.8	75.6	12 700*	27.0
28.0	31.5	67.6	6 300*	38.3	70.2	7 300*	46.8	73.0	9 200*	54.2	74.8	11 600*	28.0
29.0	27.0	65.7	5 800*	34.6	68.8	6 700*	43.8	71.9	8 400*	51.5	74.1	10 700*	29.0
30.0	21.6	63.4	5 400*	30.6	67.2	6 200*	40.6	70.8	7 800*	48.7	73.2	9 800*	30.0
31.0				26.0	65.2	5 800*	37.2	69.5	7 200*	45.8	72.2	9 000*	31.0
32.0				20.3	62.7	5 400*	33.4	68.0	6 700*	42.7	71.1	8 300*	32.0
33.0							29.2	66.3	6 200*	39.5	69.9	7 700*	33.0
34.0							24.3	64.2	5 700*	35.9	68.6	7 100*	34.0
35.0							18.1	61.4	5 300*	32.0	67.0	6 600*	35.0
36.0										27.6	65.2	6 100*	36.0
37.0										22.4	62.9	5 700*	37.0
38.0										15.4	59.7	5 300*	38.0

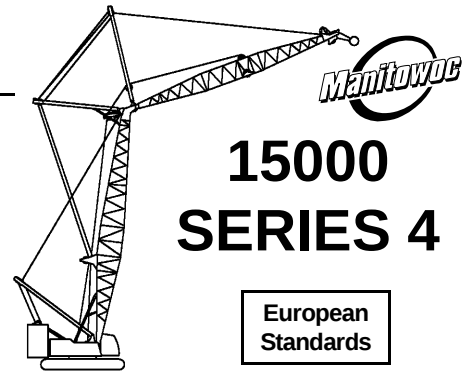
Capacities indicated by (b) require 1 180 kg minimum block weight.
Capacities based on structural competence are denoted by an asterisk (*).

Liftcrane Luffing Jib Intermediate Fall 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

Int. Fall Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			Int. Fall Oper. Rad. m
	Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		
		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms	
13.7	73.3	82.8	26 700*										13.7
14.0	72.7	82.7	26 000*										14.0
15.0	70.7	82.4	23 700*										15.0
16.0	68.7	82.0	21 400*	72.3	82.5	25 300*							16.0
17.0	66.6	81.5	19 200*	70.3	82.2	23 400*							17.0
18.0	64.5	81.1	17 400*	68.3	81.8	21 100*							18.0
19.0	62.4	80.5	15 700*	66.2	81.3	19 000*							19.0
20.0	60.2	80.0	14 300*	64.1	80.8	17 100*	69.7	81.7	22 700*				20.0
21.0	58.0	79.3	13 100*	62.0	80.3	15 600*	67.6	81.3	20 500*				21.0
22.0	55.7	78.7	12 000*	59.8	79.7	14 200*	65.5	80.9	18 500*				22.0
23.0	53.4	77.9	11 100*	57.5	79.1	13 000*	63.4	80.4	16 800*				23.0
24.0	50.9	77.1	10 200*	55.2	78.4	11 900*	61.3	79.8	15 300*				24.0
25.0	48.4	76.2	9 400*	52.9	77.6	11 000*	59.1	79.2	13 900*	64.8	80.3	18 000*	25.0
26.0	45.8	75.2	8 700*	50.4	76.8	10 200*	56.8	78.6	12 800*	62.7	79.8	16 400*	26.0
27.0	43.0	74.2	8 100*	47.9	75.9	9 400*	54.5	77.8	11 800*	60.5	79.2	14 900*	27.0
28.0	40.1	73.0	7 500*	45.2	74.9	8 700*	52.1	77.1	10 900*	58.3	78.6	13 700*	28.0
29.0	37.0	71.7	7 000*	42.4	73.8	8 100*	49.6	76.2	10 100*	56.0	77.9	12 600*	29.0
30.0	33.6	70.2	6 500*	39.5	72.6	7 500*	47.0	75.3	9 300*	53.7	77.2	11 600*	30.0
31.0	29.9	68.5	6 100*	36.3	71.3	7 000*	44.4	74.3	8 600*	51.3	76.4	10 700*	31.0
32.0	25.7	66.5	5 700*	32.9	69.8	6 500*	41.5	73.2	8 000*	48.8	75.5	9 900*	32.0
33.0	20.7	64.0	5 300*	29.1	68.0	6 100*	38.5	71.9	7 500*	46.2	74.5	9 200*	33.0
34.0				24.8	65.9	5 700*	35.3	70.5	6 900*	43.4	73.5	8 500*	34.0
35.0				19.5	63.3	5 300*	31.7	68.9	6 500*	40.5	72.3	7 900*	35.0
36.0							27.8	67.1	6 000*	37.4	71.0	7 400*	36.0
37.0							23.2	64.9	5 600*	34.1	69.6	6 900*	37.0
38.0							17.4	62.0	5 200*	30.5	67.9	6 400*	38.0
39.0										26.3	66.0	6 000*	39.0
40.0										21.4	63.6	5 600*	40.0

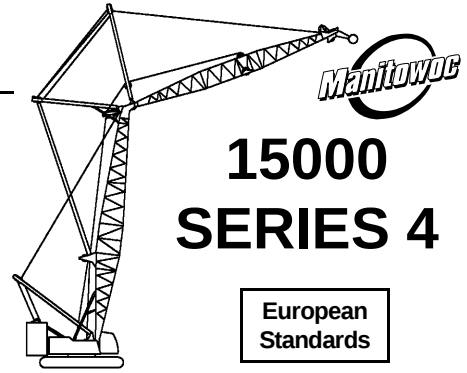
Capacities indicated by (b) require 1 180 kg minimum block weight.
Capacities based on structural competence are denoted by an asterisk (*).

Liftcrane Luffing Jib Intermediate Fall 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

Int. Fall Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			Int. Fall Oper. Rad. m
	Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall		
		Ang. Deg.	Elev. m		Capacity Kilograms	Ang. Deg.		Elev. m	Capacity Kilograms		Ang. Deg.	Elev. m	
13.7	74.9	86.0	26 200*										13.7
14.0	74.4	85.9	25 500*										14.0
15.0	72.6	85.6	23 000*										15.0
16.0	70.7	85.2	20 800*										16.0
17.0	68.9	84.9	18 900*		85.4	22 600*							17.0
18.0	67.0	84.4	17 300*	70.4	85.1	20 500*							18.0
19.0	65.1	84.0	15 900*	68.5	84.7	18 600*							19.0
20.0	63.2	83.5	14 600*	66.6	84.2	17 000*							20.0
21.0	61.3	82.9	13 500*	64.7	83.7	15 700*							21.0
22.0	59.3	82.3	12 400*	62.8	83.2	14 400*	67.9	84.2	18 300*				22.0
23.0	57.2	81.7	11 400*	60.8	82.7	13 300*	66.0	83.8	16 700*				23.0
24.0	55.1	81.0	10 500*	58.8	82.1	12 300*	64.1	83.3	15 300*				24.0
25.0	53.0	80.2	9 600*	56.8	81.4	11 400*	62.2	82.8	14 100*				25.0
26.0	50.8	79.4	8 900*	54.7	80.7	10 400*	60.2	82.2	13 100*	65.4	83.2	16 300*	26.0
27.0	48.5	78.5	8 200*	52.5	79.9	9 600*	58.2	81.6	12 100*	63.5	82.7	15 000*	27.0
28.0	46.1	77.5	7 500*	50.3	79.1	8 800*	56.1	80.9	11 200*	61.5	82.1	13 800*	28.0
29.0	43.6	76.5	7 000*	48.0	78.2	8 100*	54.0	80.2	10 300*	59.5	81.5	12 800*	29.0
30.0	41.0	75.4	6 400*	45.6	77.2	7 500*	51.8	79.4	9 500*	57.5	80.9	11 800*	30.0
31.0	38.3	74.1	5 900*	43.1	76.2	6 900*	49.6	78.5	8 700*	55.4	80.2	11 000*	31.0
32.0	35.3	72.7	5 500*	40.5	75.0	6 400*	47.2	77.6	8 100*	53.3	79.5	10 200*	32.0
33.0	32.1	71.2	5 100*	37.7	73.7	5 900*	44.8	76.6	7 500*	51.1	78.7	9 400*	33.0
34.0	28.6	69.4	4 700*	34.7	72.3	5 500*	42.3	75.5	6 900*	48.8	77.8	8 600*	34.0
35.0	24.6	67.3	4 300*	31.4	70.7	5 100*	39.6	74.3	6 400*	46.4	76.8	8 000*	35.0
36.0	19.9	64.7	4 000*	27.9	68.8	4 700*	36.7	73.0	5 900*	44.0	75.8	7 400*	36.0
37.0				23.7	66.7	4 300*	33.7	71.5	5 400*	41.4	74.7	6 800*	37.0
38.0				18.8	63.9	4 000*	30.3	69.8	5 000*	38.6	73.4	6 300*	38.0
39.0							26.6	67.9	4 700*	35.7	72.1	5 800*	39.0
40.0							22.3	65.6	4 300*	32.6	70.5	5 400*	40.0
42.0										25.2	66.7	4 600*	42.0
44.0										14.6	60.8	4 000*	44.0

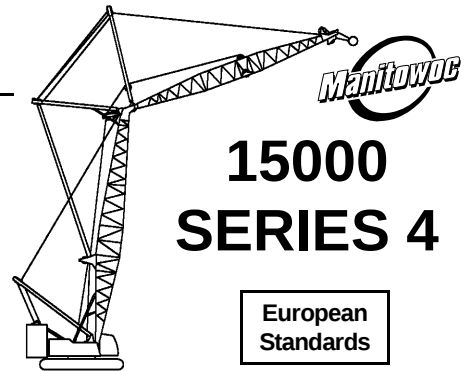
Capacities indicated by (b) require 1 180 kg minimum block weight.
Capacities based on structural competence are denoted by an asterisk (*).

Liftcrane Luffing Jib Intermediate Fall 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

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

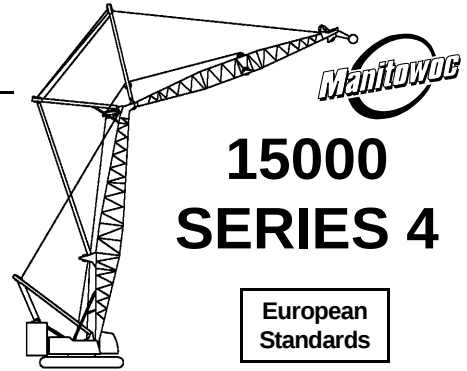
Int. Fall Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			Int. Fall Oper. Rad. m
	Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall		
		Ang. Deg.	Elev. m		Capacity Kilograms	Ang. Deg.		Elev. m	Capacity Kilograms	
15.2	73.7	88.7	23 900*							15.2
16.0	72.4	88.5	22 500*							16.0
17.0	70.7	88.1	20 600*							17.0
18.0	69.1	87.7	18 900*							18.0
19.0	67.4	87.3	17 500*	70.4	87.9	20 400*				19.0
20.0	65.6	86.9	16 200*	68.7	87.5	18 700*				20.0
21.0	63.9	86.4	15 000*	67.0	87.1	17 300*				21.0
22.0	62.1	85.8	14 000*	65.3	86.7	16 000*	69.9	87.5	19 900*	22.0
23.0	60.3	85.3	13 000*	63.5	86.2	14 900*	68.2	87.1	18 300*	23.0
24.0	58.4	84.7	12 100*	61.7	85.6	13 800*	66.4	86.7	16 900*	24.0
25.0	56.6	84.0	11 300*	59.9	85.0	12 900*	64.7	86.2	15 700*	25.0
26.0	54.6	83.3	10 500*	58.1	84.4	12 000*	62.9	85.7	14 600*	26.0
27.0	52.6	82.5	9 700*	56.2	83.7	11 200*	61.1	85.1	13 600*	27.0
28.0	50.6	81.7	9 000*	54.2	83.0	10 500*	59.3	84.5	12 600*	28.0
29.0	48.5	80.8	8 400*	52.2	82.2	9 700*	57.5	83.9	11 800*	29.0
30.0	46.3	79.8	7 800*	50.2	81.4	9 000*	55.5	83.2	11 100*	30.0
31.0	44.1	78.8	7 200*	48.1	80.5	8 400*	53.6	82.5	10 400*	31.0
32.0	41.7	77.7	6 700*	45.9	79.5	7 800*	51.6	81.7	9 700*	32.0
33.0	39.3	76.5	6 200*	43.6	78.5	7 300*	49.5	80.8	9 000*	33.0
34.0	36.7	75.2	5 800*	41.2	77.3	6 700*	47.4	79.9	8 300*	34.0
35.0	33.9	73.7	5 400*	38.7	76.1	6 300*	45.2	78.9	7 800*	35.0
36.0	30.8	72.1	5 000*	36.1	74.8	5 800*	42.9	77.8	7 200*	36.0
37.0	27.5	70.2	4 700*	33.3	73.3	5 500*	40.5	76.7	6 700*	37.0
38.0	23.7	68.0	4 100*	30.2	71.6	5 100*	37.9	75.4	6 300*	38.0
39.0	19.2	65.3	3 500*	26.8	69.7	4 700*	35.2	74.0	5 800*	39.0
40.0				22.9	67.4	4 400*	32.3	72.4	5 400*	40.0
42.0							25.6	68.7	4 700*	42.0
44.0							16.4	63.2	3 900*	44.0

Capacities indicated by (b) require 1 180 kg minimum block weight.
Capacities based on structural competence are denoted by an asterisk (*).

Liftcrane Luffing Jib Intermediate Fall 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		



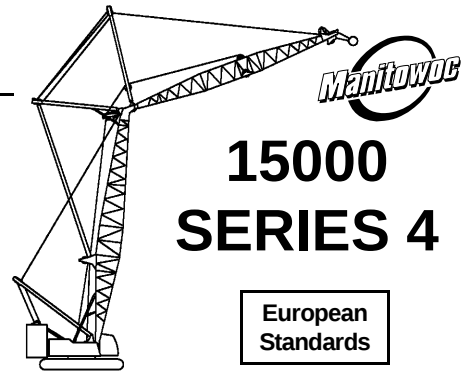
**15000
SERIES 4**

European
Standards

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

Int. Fall Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			Int. Fall Oper. Rad. m
	Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall		
		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms	
15.2	75.0	91.9	22 600*							15.2
16.0	73.8	91.7	21 300*							16.0
17.0	72.3	91.4	19 600*							17.0
18.0	70.8	91.0	18 100*							18.0
19.0	69.2	90.6	16 600*	72.0	91.2	19 400*				19.0
20.0	67.6	90.2	15 400*	70.4	90.8	17 800*				20.0
21.0	66.0	89.8	14 200*	68.9	90.4	16 400*				21.0
22.0	64.4	89.3	13 200*	67.3	90.0	15 200*				22.0
23.0	62.8	88.8	12 300*	65.7	89.6	14 100*	69.9	90.4	17 400*	23.0
24.0	61.1	88.2	11 400*	64.1	89.1	13 100*	68.4	90.0	16 100*	24.0
25.0	59.5	87.6	10 600*	62.5	88.5	12 100*	66.8	89.6	14 900*	25.0
26.0	57.7	87.0	9 900*	60.8	88.0	11 300*	65.2	89.1	13 800*	26.0
27.0	56.0	86.3	9 200*	59.1	87.4	10 500*	63.6	88.6	12 800*	27.0
28.0	54.2	85.6	8 600*	57.4	86.7	9 800*	61.9	88.1	11 900*	28.0
29.0	52.4	84.8	8 000*	55.6	86.0	9 100*	60.3	87.5	11 100*	29.0
30.0	50.5	84.0	7 500*	53.8	85.3	8 500*	58.6	86.9	10 300*	30.0
31.0	48.6	83.1	7 000*	52.0	84.5	8 000*	56.8	86.2	9 600*	31.0
32.0	46.6	82.2	6 600*	50.1	83.7	7 400*	55.1	85.5	9 000*	32.0
33.0	44.5	81.2	6 100*	48.1	82.8	6 900*	53.2	84.8	8 400*	33.0
34.0	42.3	80.1	5 700*	46.1	81.8	6 500*	51.4	84.0	7 900*	34.0
35.0	40.1	78.9	5 300*	44.1	80.8	6 100*	49.5	83.1	7 300*	35.0
36.0	37.7	77.6	4 900*	41.9	79.7	5 700*	47.5	82.2	6 900*	36.0
37.0	35.3	76.2	4 500*	39.6	78.5	5 300*	45.5	81.2	6 400*	37.0
38.0	32.6	74.7	4 200*	37.2	77.2	4 900*	43.4	80.2	6 000*	38.0
39.0	29.7	72.9	3 700*	34.7	75.8	4 500*	41.2	79.0	5 600*	39.0
40.0	26.5	71.0	3 100*	32.0	74.2	4 200*	38.9	77.8	5 300*	40.0
42.0				25.8	70.4	3 500*	33.9	75.0	4 500*	42.0
44.0				17.7	65.2	2 400*	28.1	71.5	3 900*	44.0
46.0							20.8	66.9	3 200*	46.0

Capacities indicated by (b) require 1 180 kg minimum block weight.
Capacities based on structural competence are denoted by an asterisk (*).



**15000
SERIES 4**

European
Standards

**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, 21.3m (70 Ft.) Luffing Jib

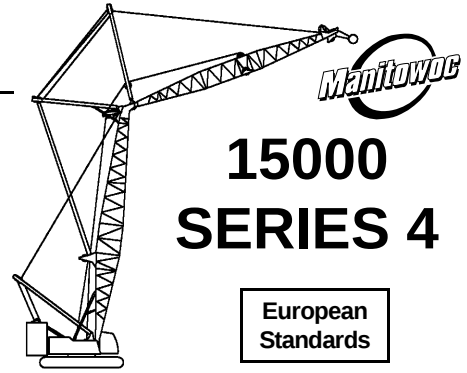
Int. Fall Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Int. Fall Oper. Rad. m
	Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall		
	Ang. Deg.	Elev. m	Capacity Kilograms	Ang. Deg.	Elev. m	Capacity Kilograms	Ang. Deg.	Elev. m	Capacity Kilograms	Ang. Deg.	Elev. m	Capacity Kilograms	Ang. Deg.	Elev. m	Capacity Kilograms	Ang. Deg.	Elev. m	Capacity Kilograms	
12.2	53.4	66.2	15 500* ^b	53.9	66.2	16 000* ^b													
13.0	48.2	65.5	13 800*																
14.0	41.0	64.4	11 700*																
15.0	32.5	62.9	10 300*																
16.0																			
17.0							52.9	65.7	15 700* ^b										
18.0																			
19.0																			
20.0																			
21.0																			
22.0																			
25.0																			
26.0																			
27.0																			
29.0																			
30.0																			
31.0																			
32.0																			

Capacities indicated by (b) require 1 180 kg minimum block weight.
Capacities based on structural competence are denoted by an asterisk (*).

Liftcrane Luffing Jib Intermediate Fall Capacities

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

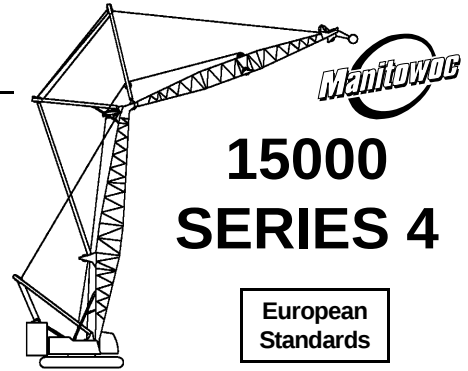
Maximum Operating Wind Speeds (all boom lengths)	
13 m/s with 21.3m thru 33.5m Luffing Jib	
11 m/s with 36.6m thru 42.7m Luffing Jib	
9 m/s with 45.7m thru 51.8m Luffing Jib	
7 m/s with 54.9m thru 67.1m Luffing Jib	
5 m/s with 70.1m and 73.2m Luffing Jib	



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

Int. Fall Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Int. Fall Oper. Rad. m	
	Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall			
		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		
10.7	62.2	67.3	17 200* b															10.7		
11.0	60.4	67.1	16 300* b															11.0		
12.0	54.5	66.4	13 500*															12.0		
13.0	48.2	65.5	11 300*															13.0		
14.0	41.0	64.4	9 700*															14.0		
15.0	32.5	62.9	8 500*	53.9	66.2	13 300*												15.0		
16.0			47.5	65.3	11 300*	16.0														
17.0			40.3	64.1	9 700*	17.0														
18.0						52.9												65.7	13 100*	18.0
19.0						46.4												64.8	11 200*	19.0
20.0							39.0	63.6	9 500*	57.8	65.9	15 600* b						20.0		
21.0									51.8	65.1	12 800*	21.0								
22.0									45.1	64.1	10 800*	22.0								
23.0									37.4	62.9	9 400*	23.0								
24.0												61.4						65.2	17 900* b	24.0
25.0												55.6	64.6	14 800*				25.0		
26.0												49.4	63.7	12 100*				26.0		
27.0												42.4	62.6	10 400*				27.0		
29.0												34.2	61.2	9 000*				29.0		
30.0																		53.0	62.7	13 600*
31.0															46.1	61.7	11 600*	31.0		
32.0															38.7	60.5	9 800*	32.0		
															29.4	58.8	8 600*			

Capacities indicated by (b) require 1 180 kg minimum block weight.
Capacities based on structural competence are denoted by an asterisk (*).



15000 SERIES 4

European
Standards

**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

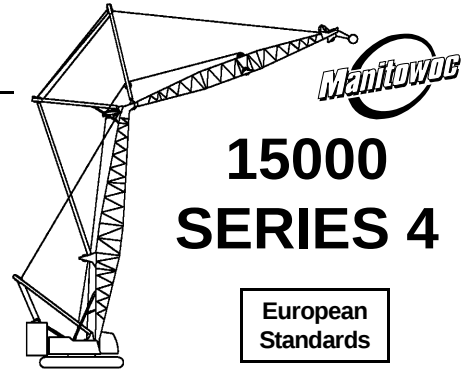
Int. Fall Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Int. Fall Oper. Rad. m
	Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		
		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms	
10.7	62.2	67.3	15 200*b																
11.0	60.4	67.1	14 400*b																
12.0	54.5	66.4	11 900*																
13.0	48.2	65.5	9 900*																
14.0	41.0	64.4	8 500*																
15.0	32.5	62.9	7 300*	59.8	66.9	14 400*													
16.0				53.9	66.2	11 600*													
17.0				47.5	65.3	9 800*													
18.0				40.3	64.1	8 400*													
19.0				58.9	66.5	14 100*b													
20.0				52.9	65.7	11 500*													
21.0				46.4	64.8	9 700*													
22.0				39.0	63.6	8 300*													
23.0				57.8	65.9	13 800*b													
24.0				51.8	65.1	11 200*													
25.0				45.1	64.1	9 500*													
26.0				37.4	62.9	8 200*													
27.0																			
28.0																			
29.0																			
30.0																			
31.0																			
32.0																			

Capacities indicated by (b) require 1 180 kg minimum block weight.
Capacities based on structural competence are denoted by an asterisk (*).

Liftcrane Luffing Jib Intermediate Fall Capacities

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

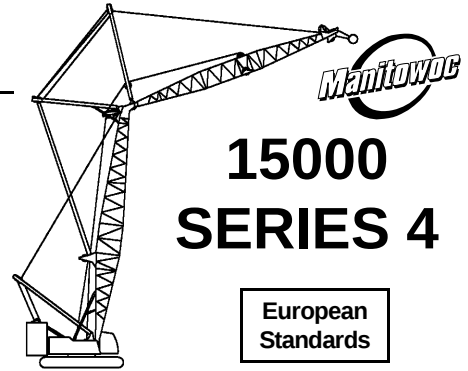
Maximum Operating Wind Speeds (all boom lengths)	
13 m/s with 21.3m thru 33.5m Luffing Jib	
11 m/s with 36.6m thru 42.7m Luffing Jib	
9 m/s with 45.7m thru 51.8m Luffing Jib	
7 m/s with 54.9m thru 67.1m Luffing Jib	
5 m/s with 70.1m and 73.2m Luffing Jib	



54.5m (179 Ft.) Boom, 30.5m (100 Ft.) Luffing Jib

Int. Fall Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Int. Fall Oper. Rad. m						
	Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall								
	Ang. Deg.	Elev. m	Capacity Kilograms	Ang. Deg.	Elev. m	Capacity Kilograms	Ang. Deg.	Elev. m	Capacity Kilograms	Ang. Deg.	Elev. m	Capacity Kilograms	Ang. Deg.	Elev. m	Capacity Kilograms	Ang. Deg.	Elev. m	Capacity Kilograms							
10.7	68.3	70.7	22 000* b																10.7						
11.0	66.9	70.6	20 800* b																11.0						
12.0	62.6	70.1	17 100*																12.0						
13.0	58.1	69.4	14 300*																13.0						
14.0	53.4	68.7	12 300*																14.0						
15.0	48.4	67.8	10 700*	57.7	69.2	14 200*	65.8	70.0	20 400* b										15.0						
16.0	42.8	66.7	9 400*	52.9	68.5	12 200*													16.0						
17.0	36.6	65.4	8 300*	47.8	67.6	10 700*													61.5	69.5	16 600*	17.0			
18.0	29.1	63.7	7 400*	42.2	66.5	9 300*													56.9	68.8	14 000*	18.0			
19.0				35.9	65.1	8 300*													52.1	68.0	12 100*	19.0			
20.0							47.0	67.1	10 600*	60.6	68.9	16 400*							20.0						
21.0							41.3	66.0	9 300*	56.1	68.2	13 900*							21.0						
22.0							34.7	64.6	8 200*	51.2	67.4	11 900*							22.0						
23.0										46.0	66.4	10 400*							23.0						
24.0										40.1	65.3	9 100*							24.0						
25.0										33.4	63.8	8 100*	59.0	67.6	15 700*				25.0						
26.0													54.3	66.8	13 300*				26.0						
27.0													49.3	66.0	11 500*				27.0						
28.0													43.9	65.0	10 000*				28.0						
29.0													37.8	63.7	8 800*				29.0						
30.0													30.6	62.1	7 800*	51.9	65.0	12 600*	30.0						
31.0																									31.0
32.0																									32.0
33.0																									33.0
34.0																									34.0
35.0																26.4	59.6	7 500*	35.0						

Capacities indicated by (b) require 1 180 kg minimum block weight.
Capacities based on structural competence are denoted by an asterisk (*).



Liftcrane Luffing Jib Intermediate Fall 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

Int. Fall Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Int. Fall Oper. Rad. m
	Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		
		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms	
10.7	62.2	67.3	14 300*															10.7	
11.0	60.4	67.1	13 500*															11.0	
12.0	54.5	66.4	11 200*															12.0	
13.0	48.2	65.5	9 400*	59.8	66.9	13 500*												13.0	
14.0	41.0	64.4	8 100*	53.9	66.2	11 000*												14.0	
15.0	32.5	62.9	7 000*	47.5	65.3	9 300*												15.0	
16.0				40.3	64.1	8 000*	58.9	66.5	13 300*									16.0	
17.0							52.9	65.7	10 800*									17.0	
18.0							46.4	64.8	9 200*									18.0	
19.0							39.0	63.6	7 900*	57.8	65.9	13 000*						19.0	
20.0										51.8	65.1	10 600*						20.0	
21.0										45.1	64.1	9 000*						21.0	
22.0										37.4	62.9	7 800*						22.0	
23.0													61.4	65.2	14 900*			23.0	
24.0													55.6	64.6	12 300*			24.0	
25.0													49.4	63.7	10 100*			25.0	
26.0													42.4	62.6	8 700*			26.0	
27.0													34.2	61.2	7 500*			27.0	
29.0																53.0	62.7	11 300*	
30.0																46.1	61.7	9 600*	
31.0																38.7	60.5	8 200*	
32.0																29.4	58.8	7 100*	

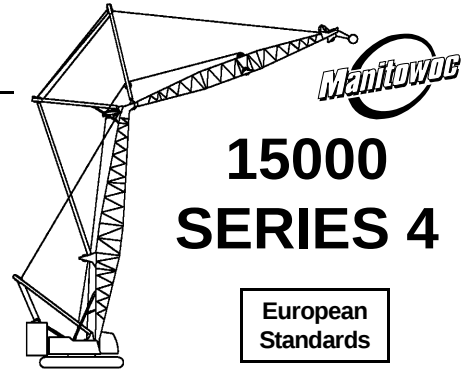
Capacities indicated by (b) require 1 180 kg minimum block weight.
Capacities based on structural competence are denoted by an asterisk (*).

Liftcrane Luffing Jib Intermediate Fall 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)

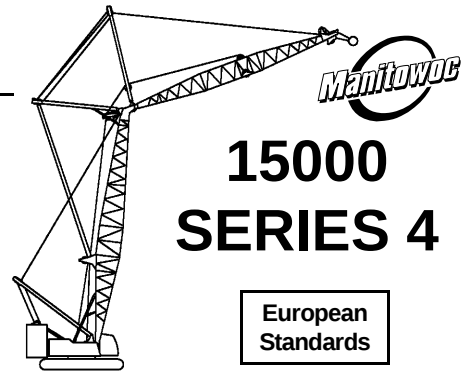
13 m/s with 21.3m thru 33.5m Luffing Jib
11 m/s with 36.6m thru 42.7m Luffing Jib
9 m/s with 45.7m thru 51.8m Luffing Jib
7 m/s with 54.9m thru 67.1m Luffing Jib
5 m/s with 70.1m and 73.2m Luffing Jib



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

Int. Fall Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Int. Fall Oper. Rad. m
	Jib		Intermediate Fall	Jib		Intermediate Fall	Jib		Intermediate Fall	Jib		Intermediate Fall	Jib		Intermediate Fall	Jib		Intermediate Fall	
	Ang. Deg.	Elev. m		Capacity Kilograms	Ang. Deg.		Elev. m	Capacity Kilograms		Ang. Deg.	Elev. m		Capacity Kilograms	Ang. Deg.		Elev. m	Capacity Kilograms		
10.7	68.3	70.7	19 900*																10.7
11.0	66.9	70.6	18 800*																11.0
12.0	62.6	70.1	15 500*																12.0
13.0	58.1	69.4	12 900*	66.5	70.4	18 800*													13.0
14.0	53.4	68.7	11 100*	62.2	69.9	15 200*													14.0
15.0	48.4	67.8	9 600*	57.7	69.2	12 800*													15.0
16.0	42.8	66.7	8 400*	52.9	68.5	11 000*	65.8	70.0	18 400*										16.0
17.0	36.6	65.4	7 500*	47.8	67.6	9 600*	61.5	69.5	14 900*										17.0
18.0	29.1	63.7	6 600*	42.2	66.5	8 400*	56.9	68.8	12 600*										18.0
19.0				35.9	65.1	7 400*	52.1	68.0	10 900*										19.0
20.0							47.0	67.1	9 500*	60.6	68.9	14 700*							20.0
21.0							41.3	66.0	8 300*	56.1	68.2	12 600*							21.0
22.0							34.7	64.6	7 300*	51.2	67.4	10 700*							22.0
23.0										46.0	66.4	9 300*							23.0
24.0										40.1	65.3	8 200*							24.0
25.0										33.4	63.8	7 300*	59.0	67.6	14 200*				25.0
26.0													54.3	66.8	11 900*				26.0
27.0													49.3	66.0	10 300*				27.0
28.0													43.9	65.0	9 000*				28.0
29.0													37.8	63.7	8 000*				29.0
30.0													30.6	62.1	7 100*				30.0
31.0																51.9	65.0	11 400*	31.0
32.0																46.7	64.0	9 800*	32.0
33.0																41.0	62.9	8 600*	33.0
34.0																34.5	61.5	7 600*	34.0
35.0																26.4	59.6	6 700*	35.0

Capacities indicated by (b) require 1 180 kg minimum block weight.
Capacities based on structural competence are denoted by an asterisk (*).



Liftcrane Luffing Jib Intermediate Fall 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

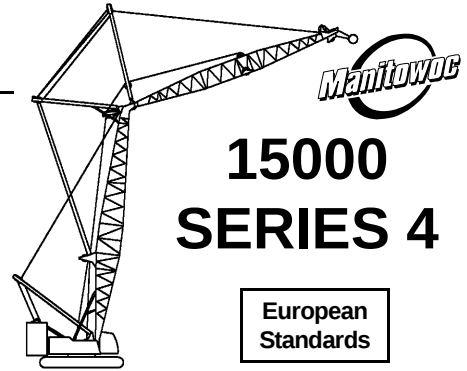
54.5m (179 Ft.) Boom, 39.6m (130 Ft.) Luffing Jib

Int. Fall Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			Int. Fall Oper. Rad. m
	Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		
		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms	
10.7	72.1	74.0	25 200*													10.7
11.0	71.0	73.9	23 800*													11.0
12.0	67.6	73.5	19 600*													12.0
13.0	64.1	73.0	16 300*	70.6	73.7	23 300*										13.0
14.0	60.4	72.4	14 100*	67.2	73.3	19 300*										14.0
15.0	56.6	71.7	12 300*	63.7	72.8	16 300*										15.0
16.0	52.7	71.0	10 800*	60.0	72.2	14 000*										16.0
17.0	48.5	70.1	9 600*	56.3	71.6	12 200*	66.7	72.9	19 100*							17.0
18.0	43.9	69.1	8 500*	52.3	70.8	10 700*	63.1	72.4	16 200*							18.0
19.0	39.0	67.8	7 700*	48.0	69.9	9 500*	59.4	71.8	13 800*							19.0
20.0	33.4	66.4	6 900*	43.5	68.8	8 500*	55.6	71.1	12 100*	66.0	72.4	18 700*				20.0
21.0	26.6	64.5	6 200*	38.4	67.6	7 600*	51.6	70.3	10 700*	62.4	71.8	15 900*				21.0
22.0				32.7	66.1	6 900*	47.3	69.4	9 500*	58.8	71.2	13 600*				22.0
23.0							42.7	68.3	8 400*	54.9	70.5	11 900*				23.0
24.0							37.6	67.1	7 600*	50.8	69.7	10 500*				24.0
25.0							31.7	65.5	6 800*	46.5	68.8	9 400*				25.0
26.0										41.8	67.7	8 300*	61.1	70.5	15 200*	26.0
27.0										36.6	66.3	7 500*	57.3	69.9	13 300*	27.0
28.0										30.5	64.7	6 700*	53.4	69.2	11 500*	28.0
29.0													49.3	68.3	10 200*	29.0
30.0													44.8	67.3	9 100*	30.0
31.0													39.9	66.1	8 100*	31.0
32.0													34.4	64.7	7 300*	32.0
33.0													28.0	62.9	6 600*	33.0

Liftcrane Luffing Jib Intermediate Fall 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

Int. Fall Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			Int. Fall Oper. Rad. m
	Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		
		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms	
10.7	74.8	77.2	26 700*													10.7
11.0	73.8	77.1	26 200*													11.0
12.0	71.0	76.8	24 800*													12.0
13.0	68.1	76.4	22 100*													13.0
14.0	65.1	75.9	18 400*	70.7	76.6	25 300*										14.0
15.0	62.0	75.4	16 100*	67.8	76.2	21 500*										15.0
16.0	58.8	74.7	14 200*	64.8	75.7	18 300*										16.0
17.0	55.6	74.1	12 600*	61.7	75.2	16 000*	70.2	76.2	24 800*							17.0
18.0	52.1	73.3	11 300*	58.5	74.6	14 100*	67.3	75.8	21 100*							18.0
19.0	48.5	72.4	10 100*	55.2	73.9	12 500*	64.3	75.3	18 100*							19.0
20.0	44.7	71.4	9 100*	51.8	73.1	11 200*	61.2	74.8	15 800*							20.0
21.0	40.6	70.2	8 300*	48.2	72.2	10 100*	58.0	74.1	14 000*							21.0
22.0	36.1	68.9	7 500*	44.3	71.2	9 100*	54.7	73.4	12 500*	63.7	74.8	18 000*				22.0
23.0	30.9	67.3	6 800*	40.2	70.0	8 300*	51.2	72.6	11 200*	60.6	74.2	15 600*				23.0
24.0	24.8	65.2	6 200*	35.6	68.6	7 500*	47.6	71.7	10 000*	57.4	73.6	13 800*				24.0
25.0				30.4	67.0	6 800*	43.7	70.7	9 100*	54.1	72.8	12 300*				25.0
26.0							39.4	69.5	8 200*	50.6	72.0	11 000*				26.0
27.0							34.8	68.1	7 500*	46.9	71.1	9 900*				27.0
28.0							29.4	66.4	6 800*	42.9	70.0	9 000*	59.4	72.9	15 200*	28.0
29.0										38.6	68.8	8 200*	56.2	72.2	13 400*	29.0
30.0										33.9	67.3	7 400*	52.8	71.4	12 000*	30.0
31.0										28.4	65.5	6 800*	49.2	70.6	10 800*	31.0
32.0										21.5	63.2	6 200*	45.4	69.6	9 700*	32.0
33.0													41.4	68.5	8 800*	33.0
34.0													36.9	67.2	8 000*	34.0
35.0													31.9	65.6	7 300*	35.0
36.0													26.0	63.7	6 600*	36.0

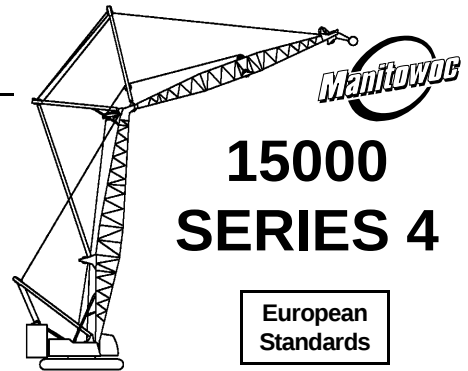
Capacities indicated by (b) require 1 180 kg minimum block weight.
Capacities based on structural competence are denoted by an asterisk (*).

Liftcrane Luffing Jib Intermediate Fall 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

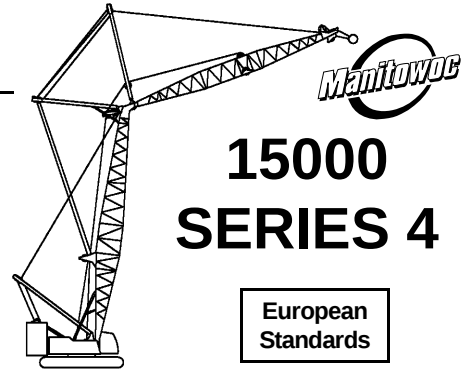
Int. Fall Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			Int. Fall Oper. Rad. m
	Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		
		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms	
12.2	73.0	79.9	26 700*													12.2
13.0	71.0	79.7	24 800*													13.0
14.0	68.4	79.2	22 400*	73.2	79.8	26 300*										14.0
15.0	65.8	78.8	19 600*	70.7	79.5	25 000*										15.0
16.0	63.2	78.3	17 200*	68.1	79.1	22 700*										16.0
17.0	60.5	77.7	15 400*	65.6	78.6	19 400*										17.0
18.0	57.7	77.1	13 800*	62.9	78.1	17 200*										18.0
19.0	54.8	76.4	12 400*	60.2	77.5	15 300*	67.7	78.7	22 000*							19.0
20.0	51.8	75.6	11 300*	57.4	76.9	13 800*	65.1	78.2	19 200*							20.0
21.0	48.6	74.7	10 300*	54.5	76.2	12 400*	62.5	77.7	17 000*							21.0
22.0	45.3	73.7	9 400*	51.4	75.4	11 300*	59.7	77.1	15 200*							22.0
23.0	41.8	72.6	8 600*	48.3	74.5	10 200*	56.9	76.5	13 700*	64.6	77.7	19 000*				23.0
24.0	38.0	71.3	7 900*	44.9	73.5	9 400*	54.0	75.7	12 400*	62.0	77.2	16 900*				24.0
25.0	33.8	69.9	7 300*	41.4	72.4	8 600*	50.9	74.9	11 200*	59.2	76.6	15 000*				25.0
26.0	29.0	68.1	6 700*	37.6	71.1	7 900*	47.7	74.0	10 300*	56.4	75.9	13 600*				26.0
27.0	23.4	66.0	6 200*	33.3	69.6	7 300*	44.4	73.0	9 400*	53.4	75.1	12 300*				27.0
28.0				28.5	67.8	6 700*	40.8	71.8	8 600*	50.4	74.3	11 200*				28.0
29.0							36.9	70.5	7 900*	47.1	73.4	10 200*	61.1	75.9	16 400*	29.0
30.0							32.6	69.0	7 200*	43.7	72.3	9 300*	58.2	75.2	14 700*	30.0
31.0							27.6	67.2	6 700*	40.1	71.2	8 500*	55.3	74.5	13 200*	31.0
32.0							21.6	64.8	6 200*	36.1	69.8	7 800*	52.3	73.7	12 000*	32.0
33.0										31.7	68.2	7 200*	49.2	72.9	10 900*	33.0
34.0										26.6	66.3	6 700*	45.9	71.9	10 000*	34.0
35.0										20.3	63.9	6 100*	42.4	70.8	9 200*	35.0
36.0													38.7	69.6	8 400*	36.0
37.0													34.6	68.2	7 700*	37.0
38.0													29.9	66.5	7 100*	38.0
39.0													24.5	64.4	6 600*	39.0

Capacities indicated by (b) require 1 180 kg minimum block weight.
Capacities based on structural competence are denoted by an asterisk (*).

Liftcrane Luffing Jib Intermediate Fall 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

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

Int. Fall Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			Int. Fall Oper. Rad. m
	Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		
		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms	
12.2	74.9	83.1	26 700*										12.2
13.0	73.2	82.9	26 700*										13.0
14.0	70.9	82.5	26 200*										14.0
15.0	68.7	82.1	24 500*										15.0
16.0	66.4	81.7	22 300*	70.7	82.4	26 100*							16.0
17.0	64.1	81.2	19 800*	68.5	82.0	25 000*							17.0
18.0	61.7	80.7	17 800*	66.2	81.5	22 300*							18.0
19.0	59.2	80.1	16 100*	63.8	81.0	19 700*							19.0
20.0	56.7	79.4	14 600*	61.4	80.5	17 800*	68.1	81.6	24 600*				20.0
21.0	54.1	78.7	13 300*	59.0	79.9	16 100*	65.8	81.1	21 900*				21.0
22.0	51.4	77.9	12 200*	56.5	79.2	14 600*	63.4	80.6	19 600*				22.0
23.0	48.7	77.0	11 200*	53.9	78.5	13 300*	61.0	80.1	17 700*				23.0
24.0	45.7	76.0	10 300*	51.2	77.7	12 200*	58.6	79.5	16 000*				24.0
25.0	42.6	74.9	9 500*	48.4	76.8	11 200*	56.0	78.8	14 600*	63.0	80.1	19 400*	25.0
26.0	39.4	73.7	8 800*	45.4	75.8	10 400*	53.4	78.0	13 400*	60.6	79.5	17 500*	26.0
27.0	35.8	72.4	8 200*	42.3	74.7	9 600*	50.7	77.2	12 200*	58.1	78.9	15 900*	27.0
28.0	31.9	70.8	7 600*	39.0	73.5	8 800*	47.9	76.3	11 200*	55.6	78.2	14 500*	28.0
29.0	27.5	68.9	7 000*	35.4	72.1	8 200*	44.9	75.3	10 300*	52.9	77.4	13 300*	29.0
30.0	22.2	66.7	6 600*	31.5	70.5	7 600*	41.8	74.2	9 600*	50.2	76.6	12 200*	30.0
31.0				27.0	68.6	7 100*	38.4	73.0	8 800*	47.4	75.7	11 200*	31.0
32.0				21.6	66.3	6 600*	34.8	71.6	8 200*	44.4	74.7	10 300*	32.0
33.0							30.8	69.9	7 600*	41.2	73.5	9 500*	33.0
34.0							26.2	68.0	7 100*	37.8	72.3	8 800*	34.0
35.0							20.6	65.5	6 600*	34.1	70.8	8 200*	35.0
36.0										30.0	69.1	7 600*	36.0
37.0										25.3	67.1	7 100*	37.0
38.0										19.4	64.5	6 600*	38.0

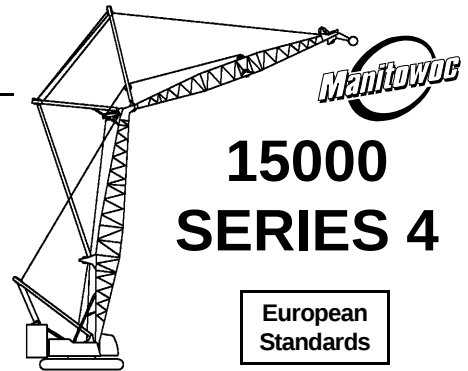
Capacities indicated by (b) require 1 180 kg minimum block weight.
Capacities based on structural competence are denoted by an asterisk (*).

Liftcrane Luffing Jib Intermediate Fall 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

Int. Fall Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			Int. Fall Oper. Rad. m
	Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		
		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms	
12.2	73.0	79.9	26 700*										12.2
13.0	71.0	79.7	23 900*										13.0
14.0	68.4	79.2	20 600*	73.2	79.8	26 000*							14.0
15.0	65.8	78.8	18 000*	70.7	79.5	23 400*							15.0
16.0	63.2	78.3	15 900*	68.1	79.1	20 700*							16.0
17.0	60.5	77.7	14 200*	65.6	78.6	17 900*							17.0
18.0	57.7	77.1	12 700*	62.9	78.1	15 900*							18.0
19.0	54.8	76.4	11 500*	60.2	77.5	14 200*	67.7	78.7	20 400*				19.0
20.0	51.8	75.6	10 400*	57.4	76.9	12 700*	65.1	78.2	17 800*				20.0
21.0	48.6	74.7	9 500*	54.5	76.2	11 500*	62.5	77.7	15 800*				21.0
22.0	45.3	73.7	8 700*	51.4	75.4	10 400*	59.7	77.1	14 100*				22.0
23.0	41.8	72.6	7 900*	48.3	74.5	9 500*	56.9	76.5	12 600*	64.6	77.7	17 600*	23.0
24.0	38.0	71.3	7 300*	44.9	73.5	8 700*	54.0	75.7	11 400*	62.0	77.2	15 700*	24.0
25.0	33.8	69.9	6 700*	41.4	72.4	7 900*	50.9	74.9	10 400*	59.2	76.6	13 900*	25.0
26.0	29.0	68.1	6 200*	37.6	71.1	7 300*	47.7	74.0	9 400*	56.4	75.9	12 500*	26.0
27.0	23.4	66.0	5 700*	33.3	69.6	6 700*	44.4	73.0	8 600*	53.4	75.1	11 300*	27.0
28.0				28.5	67.8	6 100*	40.8	71.8	7 900*	50.4	74.3	10 300*	28.0
29.0							36.9	70.5	7 300*	47.1	73.4	9 400*	29.0
30.0							32.6	69.0	6 700*	43.7	72.3	8 600*	30.0
31.0							27.6	67.2	6 200*	40.1	71.2	7 900*	31.0
32.0							21.6	64.8	5 700*	36.1	69.8	7 300*	32.0
33.0										31.7	68.2	6 700*	33.0
34.0										26.6	66.3	6 200*	34.0
35.0										20.3	63.9	5 700*	35.0

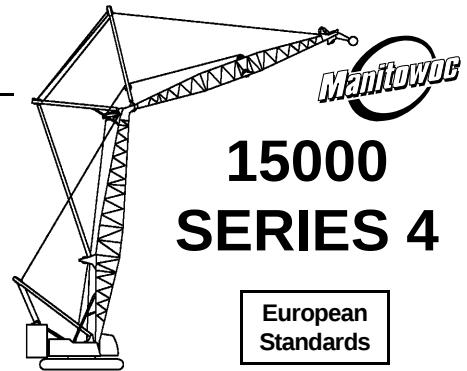
Capacities indicated by (b) require 1 180 kg minimum block weight.
Capacities based on structural competence are denoted by an asterisk (*).

Liftcrane Luffing Jib Intermediate Fall 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

Int. Fall Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			Int. Fall Oper. Rad. m
	Jib		Intermediate Fall Capacity Kilograms	Jib		Intermediate Fall Capacity Kilograms	Jib		Intermediate Fall Capacity Kilograms	Jib		Intermediate Fall Capacity Kilograms	
	Ang. Deg.	Elev. m		Ang. Deg.	Elev. m		Ang. Deg.	Elev. m		Ang. Deg.	Elev. m		
12.2	74.9	83.1	26 700*										12.2
13.0	73.2	82.9	26 700*										13.0
14.0	70.9	82.5	25 900*										14.0
15.0	68.7	82.1	23 000*										15.0
16.0	66.4	81.7	20 400*	70.7	82.4	25 100*							16.0
17.0	64.1	81.2	18 200*	68.5	82.0	22 900*							17.0
18.0	61.7	80.7	16 300*	66.2	81.5	20 400*							18.0
19.0	59.2	80.1	14 800*	63.8	81.0	18 100*							19.0
20.0	56.7	79.4	13 400*	61.4	80.5	16 300*	68.1	81.6	22 600*				20.0
21.0	54.1	78.7	12 200*	59.0	79.9	14 800*	65.8	81.1	20 100*				21.0
22.0	51.4	77.9	11 200*	56.5	79.2	13 400*	63.4	80.6	18 000*				22.0
23.0	48.7	77.0	10 300*	53.9	78.5	12 300*	61.0	80.1	16 200*				23.0
24.0	45.7	76.0	9 400*	51.2	77.7	11 200*	58.6	79.5	14 700*				24.0
25.0	42.6	74.9	8 700*	48.4	76.8	10 300*	56.0	78.8	13 400*	63.0	80.1	17 900*	25.0
26.0	39.4	73.7	8 100*	45.4	75.8	9 500*	53.4	78.0	12 200*	60.6	79.5	16 100*	26.0
27.0	35.8	72.4	7 500*	42.3	74.7	8 700*	50.7	77.2	11 200*	58.1	78.9	14 600*	27.0
28.0	31.9	70.8	6 900*	39.0	73.5	8 100*	47.9	76.3	10 300*	55.6	78.2	13 300*	28.0
29.0	27.5	68.9	6 400*	35.4	72.1	7 500*	44.9	75.3	9 500*	52.9	77.4	12 200*	29.0
30.0	22.2	66.7	6 000*	31.5	70.5	7 000*	41.8	74.2	8 800*	50.2	76.6	11 200*	30.0
31.0				27.0	68.6	6 500*	38.4	73.0	8 100*	47.4	75.7	10 300*	31.0
32.0				21.6	66.3	6 000*	34.8	71.6	7 500*	44.4	74.7	9 500*	32.0
33.0							30.8	69.9	7 000*	41.2	73.5	8 700*	33.0
34.0							26.2	68.0	6 500*	37.8	72.3	8 100*	34.0
35.0							20.6	65.5	6 000*	34.1	70.8	7 500*	35.0
36.0										30.0	69.1	7 000*	36.0
37.0										25.3	67.1	6 500*	37.0
38.0										19.4	64.5	6 000*	38.0

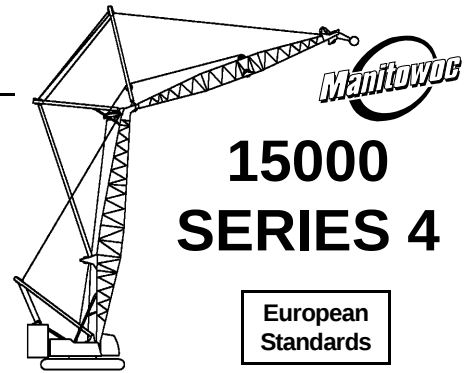
Capacities indicated by (b) require 1 180 kg minimum block weight.
Capacities based on structural competence are denoted by an asterisk (*).

Liftcrane Luffing Jib Intermediate Fall 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

Int. Fall Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			Int. Fall Oper. Rad. m
	Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		
		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms	
12.2	73.0	79.9	25 100*										12.2
13.0	71.0	79.7	22 400*										13.0
14.0	68.4	79.2	19 100*	73.2	79.8	25 700*							14.0
15.0	65.8	78.8	16 700*	70.7	79.5	22 000*							15.0
16.0	63.2	78.3	14 800*	68.1	79.1	19 000*							16.0
17.0	60.5	77.7	13 200*	65.6	78.6	16 700*							17.0
18.0	57.7	77.1	11 800*	62.9	78.1	14 700*							18.0
19.0	54.8	76.4	10 700*	60.2	77.5	13 100*	67.7	78.7	18 900*				19.0
20.0	51.8	75.6	9 700*	57.4	76.9	11 800*	65.1	78.2	16 500*				20.0
21.0	48.6	74.7	8 800*	54.5	76.2	10 600*	62.5	77.7	14 600*				21.0
22.0	45.3	73.7	8 000*	51.4	75.4	9 600*	59.7	77.1	13 000*				22.0
23.0	41.8	72.6	7 300*	48.3	74.5	8 800*	56.9	76.5	11 700*	64.6	77.7	16 300*	23.0
24.0	38.0	71.3	6 700*	44.9	73.5	8 000*	54.0	75.7	10 600*	62.0	77.2	14 500*	24.0
25.0	33.8	69.9	6 200*	41.4	72.4	7 300*	50.9	74.9	9 600*	59.2	76.6	12 900*	25.0
26.0	29.0	68.1	5 700*	37.6	71.1	6 700*	47.7	74.0	8 800*	56.4	75.9	11 600*	26.0
27.0	23.4	66.0	5 200*	33.3	69.6	6 200*	44.4	73.0	8 000*	53.4	75.1	10 500*	27.0
28.0				28.5	67.8	5 700*	40.8	71.8	7 300*	50.4	74.3	9 500*	28.0
29.0							36.9	70.5	6 700*	47.1	73.4	8 700*	29.0
30.0							32.6	69.0	6 200*	43.7	72.3	8 000*	30.0
31.0							27.6	67.2	5 700*	40.1	71.2	7 300*	31.0
32.0							21.6	64.8	5 200*	36.1	69.8	6 700*	32.0
33.0										31.7	68.2	6 100*	33.0
34.0										26.6	66.3	5 700*	34.0
35.0										20.3	63.9	5 200*	35.0

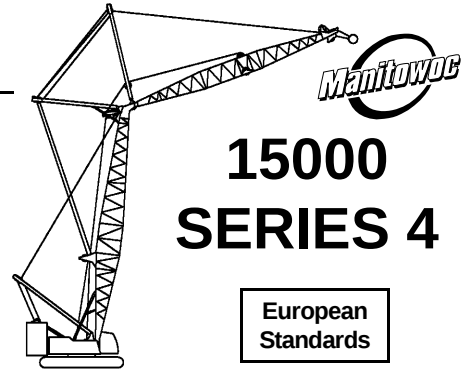
Capacities indicated by (b) require 1 180 kg minimum block weight.
Capacities based on structural competence are denoted by an asterisk (*).

Liftcrane Luffing Jib Intermediate Fall 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

Int. Fall Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			Int. Fall Oper. Rad. m
	Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall		
		Ang. Deg.	Elev. m		Capacity Kilograms	Ang. Deg.		Elev. m	Capacity Kilograms		Ang. Deg.	Elev. m	
12.2	74.9	83.1	26 700*										12.2
13.0	73.2	82.9	25 800*										13.0
14.0	70.9	82.5	24 300*										14.0
15.0	68.7	82.1	21 400*										15.0
16.0	66.4	81.7	18 700*	70.7	82.4	24 000*							16.0
17.0	64.1	81.2	16 700*	68.5	82.0	21 000*							17.0
18.0	61.7	80.7	15 000*	66.2	81.5	18 600*							18.0
19.0	59.2	80.1	13 600*	63.8	81.0	16 700*							19.0
20.0	56.7	79.4	12 300*	61.4	80.5	15 000*	68.1	81.6	20 800*				20.0
21.0	54.1	78.7	11 300*	59.0	79.9	13 600*	65.8	81.1	18 600*				21.0
22.0	51.4	77.9	10 300*	56.5	79.2	12 300*	63.4	80.6	16 600*				22.0
23.0	48.7	77.0	9 400*	53.9	78.5	11 200*	61.0	80.1	14 900*				23.0
24.0	45.7	76.0	8 600*	51.2	77.7	10 300*	58.6	79.5	13 500*				24.0
25.0	42.6	74.9	8 000*	48.4	76.8	9 500*	56.0	78.8	12 300*	63.0	80.1	16 500*	25.0
26.0	39.4	73.7	7 400*	45.4	75.8	8 700*	53.4	78.0	11 200*	60.6	79.5	14 800*	26.0
27.0	35.8	72.4	6 800*	42.3	74.7	8 000*	50.7	77.2	10 300*	58.1	78.9	13 500*	27.0
28.0	31.9	70.8	6 300*	39.0	73.5	7 400*	47.9	76.3	9 500*	55.6	78.2	12 300*	28.0
29.0	27.5	68.9	5 800*	35.4	72.1	6 800*	44.9	75.3	8 700*	52.9	77.4	11 200*	29.0
30.0	22.2	66.7	5 400*	31.5	70.5	6 300*	41.8	74.2	8 000*	50.2	76.6	10 300*	30.0
31.0				27.0	68.6	5 900*	38.4	73.0	7 400*	47.4	75.7	9 400*	31.0
32.0				21.6	66.3	5 400*	34.8	71.6	6 800*	44.4	74.7	8 700*	32.0
33.0							30.8	69.9	6 300*	41.2	73.5	8 000*	33.0
34.0							26.2	68.0	5 900*	37.8	72.3	7 400*	34.0
35.0							20.6	65.5	5 500*	34.1	70.8	6 900*	35.0
36.0										30.0	69.1	6 400*	36.0
37.0										25.3	67.1	5 900*	37.0
38.0										19.4	64.5	5 500*	38.0

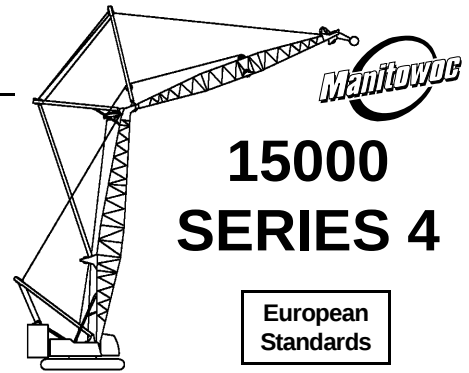
Capacities indicated by (b) require 1 180 kg minimum block weight.
Capacities based on structural competence are denoted by an asterisk (*).

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

Int. Fall Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			Int. Fall Oper. Rad. m
	Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		
		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms	
13.7	73.5	85.8	26 700*										13.7
14.0	72.9	85.8	26 100*										14.0
15.0	70.9	85.4	24 000*										15.0
16.0	68.9	85.0	21 700*										16.0
17.0	66.9	84.6	19 500*	70.7	85.2	23 900*							17.0
18.0	64.8	84.1	17 600*	68.7	84.8	21 600*							18.0
19.0	62.6	83.6	15 900*	66.6	84.4	19 500*							19.0
20.0	60.5	83.0	14 500*	64.5	83.9	17 500*	70.4	84.9	23 700*				20.0
21.0	58.2	82.4	13 200*	62.4	83.4	15 900*	68.4	84.5	21 400*				21.0
22.0	56.0	81.7	12 200*	60.2	82.8	14 500*	66.3	84.0	19 300*				22.0
23.0	53.6	81.0	11 200*	58.0	82.2	13 300*	64.2	83.6	17 400*				23.0
24.0	51.2	80.2	10 300*	55.7	81.5	12 200*	62.1	83.0	15 900*				24.0
25.0	48.7	79.3	9 500*	53.4	80.8	11 200*	59.9	82.4	14 500*	65.9	83.5	19 000*	25.0
26.0	46.1	78.3	8 800*	50.9	80.0	10 400*	57.6	81.8	13 300*	63.8	83.0	17 200*	26.0
27.0	43.3	77.3	8 100*	48.4	79.1	9 600*	55.3	81.1	12 200*	61.7	82.4	15 700*	27.0
28.0	40.4	76.1	7 600*	45.8	78.1	8 800*	53.0	80.3	11 200*	59.5	81.9	14 400*	28.0
29.0	37.3	74.8	7 000*	43.0	77.1	8 200*	50.5	79.5	10 300*	57.2	81.2	13 200*	29.0
30.0	34.0	73.4	6 500*	40.1	75.9	7 600*	48.0	78.6	9 600*	54.9	80.5	12 100*	30.0
31.0	30.3	71.7	6 100*	37.0	74.6	7 100*	45.4	77.6	8 900*	52.5	79.7	11 200*	31.0
32.0	26.2	69.7	5 700*	33.7	73.1	6 600*	42.6	76.6	8 300*	50.1	78.9	10 300*	32.0
33.0	21.3	67.3	5 300*	29.9	71.4	6 100*	39.6	75.4	7 700*	47.5	78.0	9 600*	33.0
34.0				25.7	69.4	5 700*	36.5	74.0	7 100*	44.9	77.0	8 900*	34.0
35.0				20.7	66.9	5 400*	33.1	72.5	6 600*	42.1	75.9	8 300*	35.0
36.0							29.3	70.8	6 200*	39.1	74.7	7 700*	36.0
37.0							25.0	68.7	5 800*	35.9	73.3	7 200*	37.0
38.0							19.7	66.1	5 400*	32.4	71.8	6 700*	38.0
39.0										28.6	70.0	6 200*	39.0
40.0										24.1	67.8	5 800*	40.0

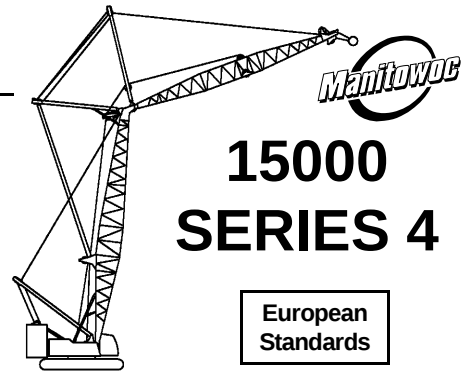
Capacities indicated by (b) require 1 180 kg minimum block weight.
Capacities based on structural competence are denoted by an asterisk (*).

Liftcrane Luffing Jib Intermediate Fall 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

Int. Fall Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			Int. Fall Oper. Rad. m
	Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		
		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms	
13.7	75.0	89.0	26 000*										13.7
14.0	74.5	88.9	25 400*										14.0
15.0	72.7	88.6	23 200*										15.0
16.0	70.9	88.3	21 100*										16.0
17.0	69.1	87.9	19 200*		88.5	23 200*							17.0
18.0	67.2	87.5	17 500*	70.7	88.1	21 000*							18.0
19.0	65.3	87.0	16 100*	68.9	87.7	19 000*							19.0
20.0	63.4	86.5	14 800*	67.0	87.3	17 400*							20.0
21.0	61.5	86.0	13 700*	65.1	86.8	16 000*							21.0
22.0	59.5	85.4	12 600*	63.2	86.3	14 700*	68.6	87.4	18 900*				22.0
23.0	57.4	84.7	11 500*	61.3	85.8	13 600*	66.7	86.9	17 300*				23.0
24.0	55.3	84.0	10 600*	59.3	85.2	12 600*	64.8	86.4	15 900*				24.0
25.0	53.2	83.3	9 700*	57.2	84.5	11 600*	62.9	85.9	14 600*				25.0
26.0	51.0	82.5	9 000*	55.1	83.8	10 600*	60.9	85.4	13 500*	66.4	86.4	17 100*	26.0
27.0	48.7	81.6	8 200*	53.0	83.1	9 800*	58.9	84.8	12 500*	64.5	85.9	15 700*	27.0
28.0	46.3	80.7	7 600*	50.8	82.3	9 000*	56.9	84.1	11 600*	62.5	85.4	14 500*	28.0
29.0	43.9	79.6	7 000*	48.5	81.4	8 300*	54.8	83.4	10 700*	60.6	84.8	13 400*	29.0
30.0	41.3	78.5	6 500*	46.1	80.4	7 600*	52.6	82.7	9 800*	58.6	84.2	12 400*	30.0
31.0	38.6	77.2	6 000*	43.6	79.4	7 000*	50.4	81.8	9 000*	56.5	83.5	11 500*	31.0
32.0	35.6	75.9	5 500*	41.0	78.2	6 500*	48.1	80.9	8 300*	54.4	82.8	10 600*	32.0
33.0	32.5	74.3	5 100*	38.3	77.0	6 000*	45.7	79.9	7 700*	52.2	82.0	9 800*	33.0
34.0	29.0	72.6	4 700*	35.3	75.6	5 500*	43.2	78.9	7 100*	50.0	81.2	9 000*	34.0
35.0	25.1	70.5	4 300*	32.1	74.0	5 100*	40.6	77.7	6 600*	47.7	80.3	8 300*	35.0
36.0	20.4	68.0	4 000*	28.6	72.2	4 700*	37.8	76.5	6 100*	45.3	79.3	7 700*	36.0
37.0				24.7	70.2	4 400*	34.8	75.0	5 600*	42.7	78.2	7 100*	37.0
38.0				19.9	67.6	4 100*	31.6	73.4	5 200*	40.1	77.1	6 600*	38.0
39.0							28.0	71.6	4 800*	37.3	75.7	6 100*	39.0
40.0							24.0	69.5	4 400*	34.3	74.3	5 600*	40.0
42.0										27.3	70.8	4 800*	42.0
44.0										18.0	65.7	4 100*	44.0

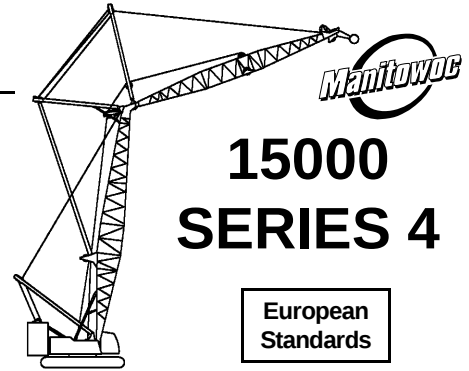
Capacities indicated by (b) require 1 180 kg minimum block weight.
Capacities based on structural competence are denoted by an asterisk (*).

Liftcrane Luffing Jib Intermediate Fall 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

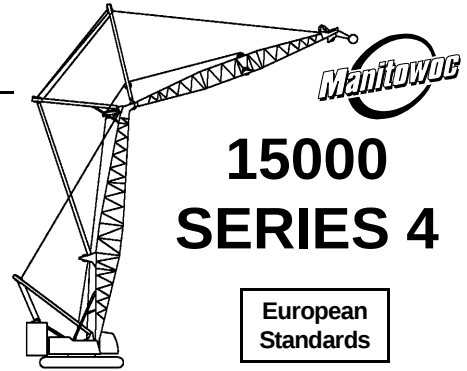
Int. Fall Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			Int. Fall Oper. Rad. m
	Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		
		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms	
15.2	73.8	91.8	23 200*							15.2
16.0	72.6	91.5	22 200*							16.0
17.0	70.9	91.2	20 800*	74.1	91.7	24 500*				17.0
18.0	69.2	90.8	19 200*	72.4	91.4	22 500*				18.0
19.0	67.5	90.4	17 700*	70.7	91.0	20 700*				19.0
20.0	65.8	89.9	16 400*	69.1	90.6	19 000*				20.0
21.0	64.1	89.4	15 200*	67.4	90.2	17 600*				21.0
22.0	62.3	88.9	14 100*	65.6	89.7	16 300*				22.0
23.0	60.5	88.3	13 200*	63.9	89.2	15 100*	68.8	90.2	18 900*	23.0
24.0	58.6	87.7	12 300*	62.1	88.7	14 100*	67.1	89.8	17 500*	24.0
25.0	56.8	87.1	11 400*	60.3	88.1	13 100*	65.3	89.4	16 200*	25.0
26.0	54.8	86.3	10 600*	58.4	87.5	12 200*	63.6	88.9	15 000*	26.0
27.0	52.9	85.6	9 800*	56.6	86.9	11 400*	61.8	88.3	14 000*	27.0
28.0	50.8	84.8	9 100*	54.6	86.2	10 700*	60.0	87.7	13 000*	28.0
29.0	48.7	83.9	8 400*	52.7	85.4	9 900*	58.1	87.1	12 200*	29.0
30.0	46.6	83.0	7 800*	50.6	84.6	9 100*	56.2	86.4	11 400*	30.0
31.0	44.3	81.9	7 200*	48.5	83.7	8 500*	54.3	85.7	10 700*	31.0
32.0	42.0	80.8	6 800*	46.4	82.7	7 900*	52.3	84.9	9 900*	32.0
33.0	39.5	79.6	6 300*	44.1	81.7	7 300*	50.3	84.1	9 200*	33.0
34.0	36.9	78.3	5 800*	41.7	80.6	6 800*	48.2	83.2	8 600*	34.0
35.0	34.2	76.9	5 400*	39.3	79.4	6 400*	46.0	82.3	8 000*	35.0
36.0	31.2	75.2	5 000*	36.7	78.1	5 900*	43.7	81.2	7 400*	36.0
37.0	27.9	73.4	4 600*	33.9	76.6	5 500*	41.4	80.1	6 900*	37.0
38.0	24.2	71.2	3 900*	30.8	74.9	5 100*	38.9	78.9	6 400*	38.0
39.0	19.8	68.6	3 200*	27.5	73.1	4 800*	36.2	77.5	6 000*	39.0
40.0				23.7	70.9	4 400*	33.4	76.0	5 600*	40.0
42.0							26.9	72.4	4 800*	42.0
44.0							18.4	67.4	4 200*	44.0

Capacities indicated by (b) require 1 180 kg minimum block weight.
Capacities based on structural competence are denoted by an asterisk (*).

Liftcrane Luffing Jib Intermediate Fall Capacities

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

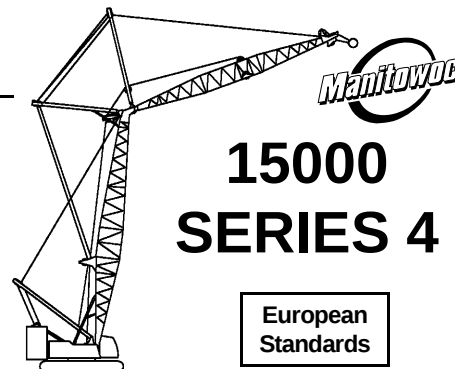
Maximum Operating Wind Speeds (all boom lengths)	
13 m/s with 21.3m thru 33.5m Luffing Jib	
11 m/s with 36.6m thru 42.7m Luffing Jib	
9 m/s with 45.7m thru 51.8m Luffing Jib	
7 m/s with 54.9m thru 67.1m Luffing Jib	
5 m/s with 70.1m and 73.2m Luffing Jib	



57.5m (189 Ft.) Boom, 21.3m (70 Ft.) Luffing Jib

Int. Fall Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Int. Fall Oper. Rad. m			
	Jib		Intermediate Fall	Jib		Intermediate Fall	Jib		Intermediate Fall	Jib		Intermediate Fall	Jib		Intermediate Fall	Jib		Intermediate Fall				
	Ang. Deg.	Elev. m		Ang. Deg.	Elev. m		Capacity Kilograms	Ang. Deg.		Elev. m	Capacity Kilograms		Ang. Deg.	Elev. m		Capacity Kilograms	Ang. Deg.			Elev. m	Capacity Kilograms	Ang. Deg.
12.2	54.0	69.3	15 800* ^b																12.2			
13.0	48.9	68.6	14 000*																13.0			
14.0	41.8	67.5	12 000*																14.0			
15.0	33.5	66.0	10 500*																15.0			
16.0																			41.9	67.4	12 200*	16.0
17.0				33.5	65.9	10 500*	41.8	67.0	12 400*										17.0			
18.0				22.2	63.7	9 200*													18.0			
19.0																			19.0			
20.0																			55.0	68.5	17 100* ^b	20.0
21.0																			48.7	67.6	14 500*	21.0
22.0										41.6	66.5	12 300*	47.9	66.4	14 400*				22.0			
26.0												26.0										
27.0												40.7							65.2	12 400*	27.0	
28.0												32.1							63.7	10 700*	28.0	
31.0																						46.3
32.0																38.9	63.3	12 100*	32.0			
33.0																29.7	61.7	10 500*	33.0			

Capacities indicated by (b) require 1 180 kg minimum block weight.
Capacities based on structural competence are denoted by an asterisk (*).



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

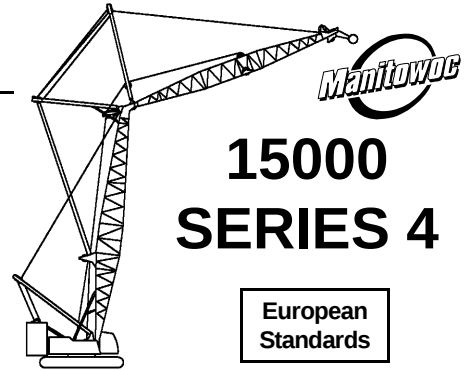
Int. Fall Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Int. Fall Oper. Rad. m
	Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall		
		Ang. Deg.	Elev. m		Capacity Kilograms	Ang. Deg.		Elev. m	Capacity Kilograms		Ang. Deg.	Elev. m		Capacity Kilograms	Ang. Deg.		Elev. m	Capacity Kilograms	
12.2	54.0	69.3	13 200*															12.2	
13.0	48.9	68.6	11 700*															13.0	
14.0	41.8	67.5	9 900*	55.2	69.3	13 900*												14.0	
15.0	33.5	66.0	8 600*	48.9	68.5	11 800*												15.0	
16.0				41.9	67.4	10 000*												16.0	
17.0				33.5	65.9	8 700*	55.2	69.0	14 100*									17.0	
18.0				22.2	63.7	7 600*	48.9	68.1	11 900*									18.0	
19.0							41.8	67.0	10 100*									19.0	
20.0										55.0	68.5	14 200*						20.0	
21.0										48.7	67.6	12 000*						21.0	
22.0										41.6	66.5	10 200*						22.0	
25.0													54.3	67.3	14 400* ^b			25.0	
26.0													47.9	66.4	11 900*			26.0	
27.0													40.7	65.2	10 200*			27.0	
28.0													32.1	63.7	8 800*			28.0	
31.0																46.3	64.6	11 800*	31.0
32.0																38.9	63.3	10 000*	32.0
33.0																29.7	61.7	8 700*	33.0

Capacities indicated by (b) require 1 180 kg minimum block weight.
Capacities based on structural competence are denoted by an asterisk (*).

Liftcrane Luffing Jib Intermediate Fall Capacities

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

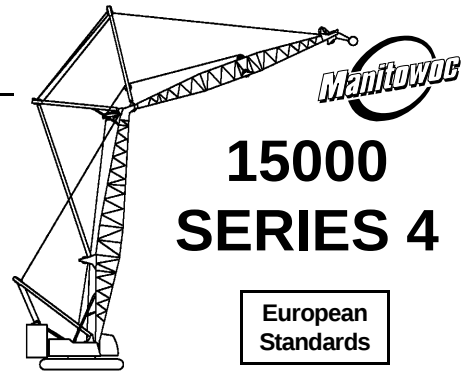
Maximum Operating Wind Speeds (all boom lengths)	
13 m/s with 21.3m thru 33.5m Luffing Jib	
11 m/s with 36.6m thru 42.7m Luffing Jib	
9 m/s with 45.7m thru 51.8m Luffing Jib	
7 m/s with 54.9m thru 67.1m Luffing Jib	
5 m/s with 70.1m and 73.2m Luffing Jib	



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

Int. Fall Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Int. Fall Oper. Rad. m
	Jib		Intermediate Fall	Jib		Intermediate Fall	Jib		Intermediate Fall	Jib		Intermediate Fall	Jib		Intermediate Fall	Jib		Intermediate Fall	
	Ang. Deg.	Elev. m		Ang. Deg.	Elev. m		Ang. Deg.	Elev. m		Ang. Deg.	Elev. m		Ang. Deg.	Elev. m		Ang. Deg.	Elev. m		
10.7	62.8	70.4	15 700* b																
11.0	61.0	70.2	14 800* b																
12.0	55.2	69.5	12 200*																
13.0	48.9	68.6	10 100*																
14.0	41.8	67.5	8 700*																
15.0	33.5	66.0	7 500*	48.9	68.5	10 400*	55.2	69.0	12 500*										
16.0			41.9	67.4	8 700*														
17.0			33.5	65.9	7 600*														
18.0			22.2	63.7	6 600*														
19.0				41.8	67.0	8 800*													
20.0									55.0	68.5	12 400*	54.3	67.3	12 600*					
21.0								48.7	67.6	10 400*									
22.0								41.6	66.5	8 900*									
25.0																			
26.0																			
27.0												40.7	65.2	8 900*	59.1	66.3	15 000*		
28.0												32.1	63.7	7 700*					
29.0																			
30.0																			
31.0																			
32.0															38.9	63.3	8 700*	32.0	
33.0															29.7	61.7	7 500*	33.0	

Capacities indicated by (b) require 1 180 kg minimum block weight.
Capacities based on structural competence are denoted by an asterisk (*).



Liftcrane Luffing Jib Intermediate Fall 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

Int. Fall Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Int. Fall Oper. Rad. m		
	Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall				
		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms			
10.7	68.7	73.8	22 700*b																		
11.0	67.3	73.6	21 400*b																		
12.0	63.1	73.1	17 600*																		
13.0	58.6	72.5	14 600*																		
14.0	53.9	71.8	12 600*																		
15.0	48.9	70.9	10 900*	58.6	72.4	15 000*															
16.0	43.4	69.8	9 600*	53.9	71.6	12 700*															
17.0	37.3	68.6	8 500*	48.9	70.8	11 000*													63.1	72.7	18 100*
18.0	29.9	66.9	7 500*	43.5	69.7	9 700*													58.6	72.0	15 200*
19.0				37.3	68.4	8 500*													53.9	71.3	12 800*
20.0				30.0	66.8	7 600*	48.9	70.4	11 100*	62.9	72.2	18 200*									
21.0				20.1	64.4	6 700*	43.4	69.4	9 700*	58.5	71.5	15 300*									
22.0							37.2	68.1	8 600*	53.8	70.8	12 900*									
23.0										48.7	69.9	11 200*									
24.0										43.2	68.9	9 800*									
25.0										37.1	67.6	8 700*	57.9	70.3	15 200*						
26.0																					
27.0																					
28.0																					
29.0																					
30.0													36.3	66.3	8 700*						
31.0													28.7	64.5	7 700*						
32.0													18.1	61.9	6 800*						
33.0																					
34.0																					
35.0																34.7	64.3	8 600*	35.0		
36.0																26.6	62.5	7 600*	36.0		

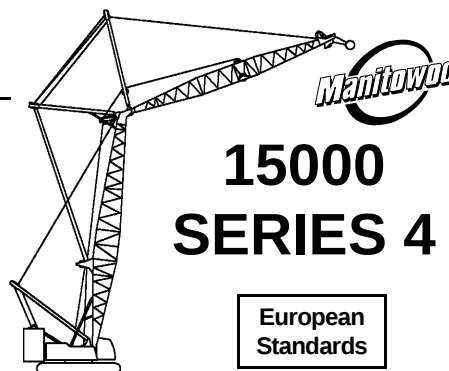
Capacities indicated by (b) require 1 180 kg minimum block weight.
Capacities based on structural competence are denoted by an asterisk (*).

Liftcrane Luffing Jib Intermediate Fall 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

Int. Fall Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Int. Fall Oper. Rad. m
	Jib		Intermediate Fall	Jib		Intermediate Fall	Jib		Intermediate Fall	Jib		Intermediate Fall	Jib		Intermediate Fall	Jib		Intermediate Fall	
	Ang. Deg.	Elev. m		Capacity Kilograms	Ang. Deg.		Elev. m	Capacity Kilograms		Ang. Deg.	Elev. m		Capacity Kilograms	Ang. Deg.		Elev. m	Capacity Kilograms		
10.7	62.8	70.4	14 800*	61.0	70.0	14 300*	55.2	69.3	11 500*										
11.0	61.0	70.2	14 000*																
12.0	55.2	69.5	11 500*																
13.0	48.9	68.6	9 600*																
14.0	41.8	67.5	8 200*																
15.0	33.5	66.0	7 200*	48.9	68.5	9 700*	60.9	69.7	14 500*										
16.0				41.9	67.4	8 300*													
17.0				33.5	65.9	7 200*													
18.0				22.2	63.7	6 300*													
19.0				41.8	67.0	8 400*													
20.0										60.8	69.2	14 700*							
21.0										55.0	68.5	11 800*							
22.0										48.7	67.6	9 800*							
25.0										41.6	66.5	8 400*							
26.0																			
27.0													54.3	67.3	11 900*				
28.0													47.9	66.4	9 900*				
31.0																			
32.0																			
33.0																			
27.0													40.7	65.2	8 400*				
28.0													32.1	63.7	7 300*				
31.0																			
32.0																			
33.0																			
																46.3	64.6	9 800*	
																38.9	63.3	8 300*	
																29.7	61.7	7 200*	

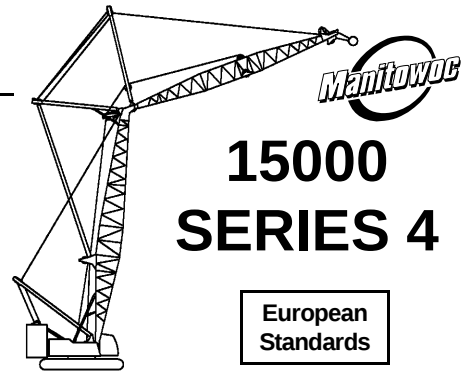
Capacities indicated by (b) require 1 180 kg minimum block weight.
Capacities based on structural competence are denoted by an asterisk (*).

Liftcrane Luffing Jib Intermediate Fall 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

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

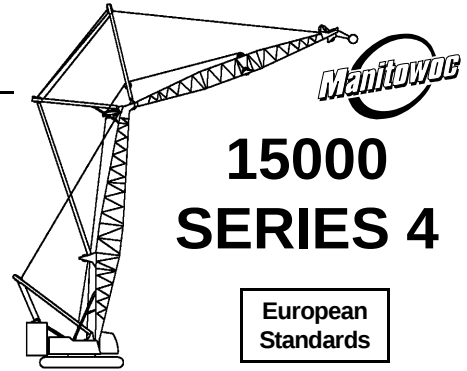
Int. Fall Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			Int. Fall Oper. Rad. m			
	Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall					
		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms				
10.7	68.7	73.8	20 500*													10.7			
11.0	67.3	73.6	19 400*													11.0			
12.0	63.1	73.1	15 900*													12.0			
13.0	58.6	72.5	13 200*													67.3	73.5	19 800*	13.0
14.0	53.9	71.8	11 300*													63.1	73.0	15 900*	14.0
15.0	48.9	70.9	9 800*	58.6	72.4	13 300*	67.3	73.2	20 200*							15.0			
16.0	43.4	69.8	8 600*	53.9	71.6	11 400*										16.0			
17.0	37.3	68.6	7 600*	48.9	70.8	9 900*										63.1	72.7	16 100*	17.0
18.0	29.9	66.9	6 700*	43.5	69.7	8 700*										58.6	72.0	13 500*	18.0
19.0				37.3	68.4	7 700*										53.9	71.3	11 500*	19.0
20.0				30.0	66.8	6 800*	48.9	70.4	10 000*	62.9	72.2	16 400*				20.0			
21.0				20.1	64.4	6 100*	43.4	69.4	8 800*	58.5	71.5	13 800*				21.0			
22.0							37.2	68.1	7 700*	53.8	70.8	11 600*				22.0			
23.0										48.7	69.9	10 100*				23.0			
24.0										43.2	68.9	8 800*				24.0			
25.0										37.1	67.6	7 800*	57.9	70.3	13 700*	25.0			
26.0																53.2	69.6	11 800*	26.0
27.0																48.1	68.7	10 100*	27.0
28.0																42.6	67.6	8 900*	28.0
29.0																			29.0
30.0													36.3	66.3	7 800*	30.0			
31.0													28.7	64.5	6 900*	31.0			
32.0													18.1	61.9	6 200*	32.0			

Capacities indicated by (b) require 1 180 kg minimum block weight.
Capacities based on structural competence are denoted by an asterisk (*).

Liftcrane Luffing Jib Intermediate Fall 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

Int. Fall Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			Int. Fall Oper. Rad. m
	Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		
		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms	
10.7	72.5	77.1	26 000*													10.7
11.0	71.3	76.9	24 600*													11.0
12.0	67.9	76.5	20 100*													12.0
13.0	64.4	76.0	16 700*													13.0
14.0	60.8	75.5	14 400*	67.9	76.4	20 400*										14.0
15.0	57.0	74.8	12 500*	64.4	75.9	17 100*										15.0
16.0	53.1	74.1	11 000*	60.8	75.3	14 500*										16.0
17.0	48.9	73.2	9 700*	57.1	74.7	12 600*	67.9	76.1	20 600*							17.0
18.0	44.4	72.2	8 700*	53.1	73.9	11 100*	64.4	75.6	17 400*							18.0
19.0	39.5	71.0	7 700*	48.9	73.1	9 800*	60.8	75.0	14 700*							19.0
20.0	34.0	69.5	7 000*	44.5	72.1	8 700*	57.0	74.4	12 800*							20.0
21.0	27.4	67.7	6 300*	39.5	70.9	7 800*	53.1	73.6	11 200*							21.0
22.0				34.0	69.4	7 000*	48.9	72.7	9 900*	60.7	74.5	15 000*				22.0
23.0				27.4	67.6	6 300*	44.4	71.7	8 800*	56.9	73.9	12 900*				23.0
24.0				18.6	65.0	5 700*	39.5	70.5	7 900*	53.0	73.1	11 300*				24.0
25.0							34.0	69.1	7 100*	48.8	72.2	10 000*				25.0
26.0										44.3	71.2	8 900*				26.0
27.0										39.4	70.0	8 000*				27.0
28.0										33.8	68.6	7 200*	56.5	72.6	13 000*	28.0
29.0													52.5	71.9	11 300*	29.0
30.0													48.3	71.0	10 000*	30.0
31.0													43.7	69.9	8 900*	31.0
32.0													38.8	68.7	8 000*	32.0
33.0													33.1	67.2	7 200*	33.0
34.0													26.3	65.3	6 500*	34.0
35.0													16.9	62.5	5 800*	35.0

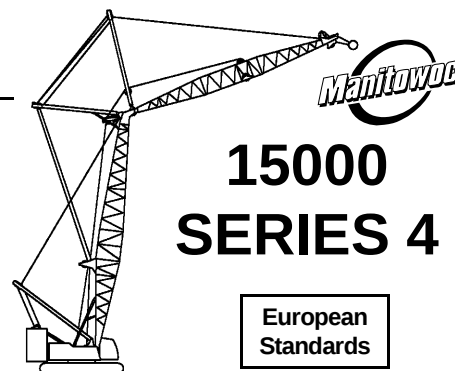
Capacities indicated by (b) require 1 180 kg minimum block weight.
Capacities based on structural competence are denoted by an asterisk (*).

Liftcrane Luffing Jib Intermediate Fall 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

Int. Fall Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			Int. Fall Oper. Rad. m
	Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		
		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms	
10.7	75.1	80.2	26 700*													10.7
11.0	74.1	80.2	26 400*													11.0
12.0	71.3	79.8	25 300*													12.0
13.0	68.4	79.4	22 700*													13.0
14.0	65.4	78.9	18 900*	71.3	79.7	25 700*										14.0
15.0	62.3	78.4	16 400*	68.4	79.3	22 200*										15.0
16.0	59.2	77.8	14 400*	65.4	78.8	19 100*										16.0
17.0	55.9	77.1	12 800*	62.3	78.3	16 500*										17.0
18.0	52.5	76.4	11 400*	59.2	77.7	14 500*										18.0
19.0	48.9	75.5	10 200*	55.9	77.0	12 900*	65.4	78.5	19 500*							19.0
20.0	45.1	74.5	9 300*	52.5	76.2	11 500*	62.3	78.0	16 700*							20.0
21.0	41.1	73.4	8 400*	48.9	75.4	10 300*	59.2	77.4	14 700*							21.0
22.0	36.6	72.0	7 600*	45.1	74.4	9 300*	55.9	76.7	13 100*	65.3	78.0	19 600*				22.0
23.0	31.5	70.5	6 900*	41.1	73.2	8 500*	52.5	75.9	11 600*	62.2	77.5	16 900*				23.0
24.0	25.5	68.5	6 300*	36.6	71.9	7 700*	48.9	75.0	10 500*	59.1	76.9	14 800*				24.0
25.0				31.5	70.3	7 000*	45.1	74.1	9 400*	55.8	76.2	13 100*				25.0
26.0				25.5	68.4	6 400*	41.0	72.9	8 500*	52.4	75.4	11 800*				26.0
27.0				17.6	65.6	5 800*	36.6	71.6	7 700*	48.8	74.5	10 500*				27.0
28.0							31.5	70.0	7 100*	45.0	73.5	9 500*				28.0
29.0										40.9	72.4	8 600*	58.9	75.7	15 000*	29.0
30.0										36.4	71.1	7 800*	55.4	74.9	13 300*	30.0
31.0										31.3	69.5	7 100*	52.0	74.2	11 800*	31.0
32.0										25.3	67.5	6 500*	48.4	73.3	10 600*	32.0
33.0													44.6	72.3	9 600*	33.0
34.0													40.4	71.1	8 700*	34.0
35.0													35.9	69.7	7 900*	35.0
36.0													30.7	68.1	7 200*	36.0
37.0													24.5	66.1	6 500*	37.0
38.0													16.0	63.1	5 900*	38.0

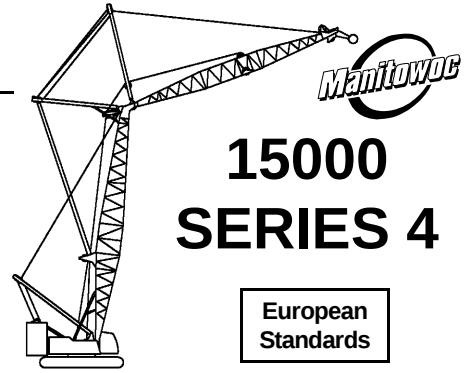
Capacities indicated by (b) require 1 180 kg minimum block weight.
Capacities based on structural competence are denoted by an asterisk (*).

Liftcrane Luffing Jib Intermediate Fall 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

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

Int. Fall Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			Int. Fall Oper. Rad. m		
	Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall				
		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms			
12.2	73.2	83.0	26 700*										12.2		
13.0	71.2	82.7	25 100*										13.0		
14.0	68.7	82.3	23 000*										14.0		
15.0	66.1	81.8	20 100*										15.0		
16.0	63.4	81.3	17 500*	68.7	82.2	23 100*							16.0		
17.0	60.7	80.8	15 600*	66.1	81.7	20 000*							17.0		
18.0	57.9	80.1	14 000*	63.5	81.2	17 700*							18.0		
19.0	55.1	79.4	12 600*	60.7	80.7	15 800*	68.7 66.1 63.4	81.8 81.4 80.9	23 400* 20 300* 17 900*				19.0		
20.0	52.1	78.7	11 400*	58.0	80.0	14 100*									20.0
21.0	48.9	77.8	10 400*	55.1	79.3	12 700*									21.0
22.0	45.6	76.8	9 500*	52.1	78.5	11 600*	60.7	80.3	15 900*				22.0		
23.0	42.1	75.7	8 700*	49.0	77.7	10 500*	57.9	79.7	14 300*	66.0	80.9	20 400*	23.0		
24.0	38.4	74.5	8 000*	45.7	76.7	9 600*	55.1	79.0	12 900*	63.4	80.4	18 100*	24.0		
25.0	34.2	73.0	7 300*	42.2	75.6	8 800*	52.1	78.2	11 700*	60.7	79.8	16 100*	25.0		
26.0	29.6	71.3	6 700*	38.4	74.3	8 100*	48.9	77.3	10 600*	57.9	79.2	14 400*	26.0		
27.0	24.0	69.2	6 200*	34.2	72.9	7 400*	45.6	76.4	9 700*	55.0	78.5	13 000*	27.0		
28.0				29.6	71.2	6 800*	42.1	75.3	8 900*	52.0	77.7	11 700*	28.0		
29.0				24.0	69.1	6 300*	38.4	74.0	8 100*	48.8	76.8	10 700*	29.0		
30.0				16.7	66.2	5 800*	34.2	72.6	7 500*	45.5	75.8	9 800*	30.0		
31.0							29.5	70.9	6 900*	42.0	74.7	9 000*	31.0		
32.0							24.0	68.7	6 300*	38.2	73.5	8 200*	32.0		
33.0										34.1	72.1	7 600*	33.0		
34.0										29.4	70.3	7 000*	34.0		
35.0										23.8	68.2	6 400*	35.0		

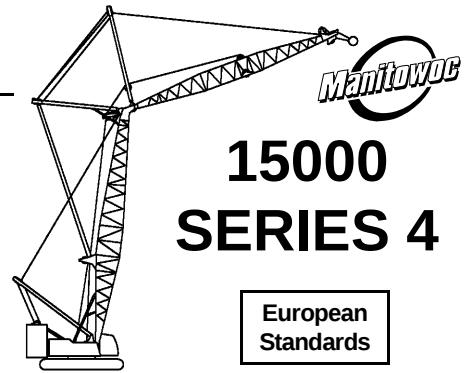
Capacities indicated by (b) require 1 180 kg minimum block weight.
Capacities based on structural competence are denoted by an asterisk (*).

Liftcrane Luffing Jib Intermediate Fall 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

Int. Fall Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			Int. Fall Oper. Rad. m
	Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall		
		Ang. Deg.	Elev. m		Capacity Kilograms	Ang. Deg.		Elev. m	Capacity Kilograms		Ang. Deg.	Elev. m	
12.2	75.2	86.2	26 700*										12.2
13.0	73.4	85.9	26 700*										13.0
14.0	71.2	85.6	26 300*										14.0
15.0	68.9	85.2	24 800*										15.0
16.0	66.6	84.7	22 700*	71.2	85.4	26 500*							16.0
17.0	64.3	84.2	20 100*	68.9	85.1	25 800*							17.0
18.0	61.9	83.7	18 100*	66.6	84.6	23 100*							18.0
19.0	59.5	83.1	16 300*	64.3	84.1	20 300*							19.0
20.0	57.0	82.5	14 800*	61.9	83.6	18 200*	68.9	84.7	25 800*				20.0
21.0	54.4	81.7	13 500*	59.5	83.0	16 500*	66.6	84.3	23 000*				21.0
22.0	51.7	81.0	12 300*	57.0	82.3	15 000*	64.3	83.8	20 500*				22.0
23.0	48.9	80.1	11 300*	54.4	81.6	13 700*	61.9	83.3	18 400*				23.0
24.0	46.0	79.1	10 400*	51.7	80.8	12 500*	59.5	82.7	16 600*				24.0
25.0	43.0	78.1	9 600*	49.0	80.0	11 400*	57.0	82.0	15 100*	64.2	83.3	20 600*	25.0
26.0	39.7	76.9	8 900*	46.0	79.0	10 500*	54.4	81.3	13 800*	61.8	82.8	18 500*	26.0
27.0	36.2	75.5	8 200*	43.0	77.9	9 700*	51.7	80.5	12 600*	59.4	82.2	16 800*	27.0
28.0	32.3	74.0	7 600*	39.7	76.7	9 000*	48.9	79.6	11 600*	56.9	81.5	15 300*	28.0
29.0	28.0	72.2	7 100*	36.2	75.4	8 300*	46.0	78.7	10 700*	54.3	80.8	14 000*	29.0
30.0	22.8	69.9	6 600*	32.3	73.9	7 700*	43.0	77.6	9 900*	51.6	80.0	12 800*	30.0
31.0				28.0	72.0	7 200*	39.7	76.4	9 100*	48.9	79.1	11 700*	31.0
32.0				22.8	69.8	6 700*	36.2	75.1	8 400*	45.9	78.2	10 800*	32.0
33.0				16.1	66.7	6 200*	32.3	73.5	7 800*	42.9	77.1	10 000*	33.0
34.0							28.0	71.7	7 300*	39.6	75.9	9 200*	34.0
35.0							22.8	69.4	6 700*	36.1	74.6	8 600*	35.0
36.0										32.2	73.0	7 900*	36.0
37.0										27.8	71.2	7 300*	37.0
38.0										22.6	68.9	6 800*	38.0

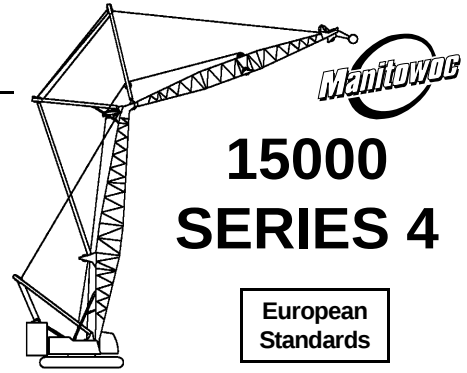
Capacities indicated by (b) require 1 180 kg minimum block weight.
Capacities based on structural competence are denoted by an asterisk (*).

Liftcrane Luffing Jib Intermediate Fall 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)**

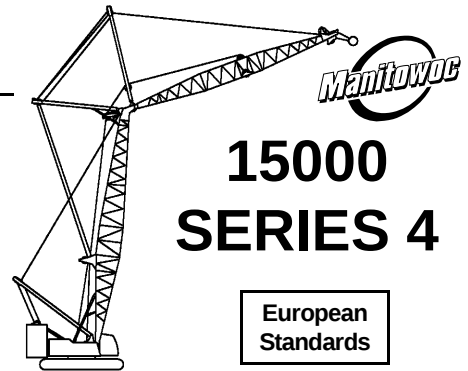
13 m/s with 21.3m thru 33.5m Luffing Jib
11 m/s with 36.6m thru 42.7m Luffing Jib
9 m/s with 45.7m thru 51.8m Luffing Jib
7 m/s with 54.9m thru 67.1m Luffing Jib
5 m/s with 70.1m and 73.2m Luffing Jib



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

Int. Fall Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			Int. Fall Oper. Rad. m
	Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		
		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms	
12.2	73.2	83.0	26 700*										12.2
13.0	71.2	82.7	24 200*										13.0
14.0	68.7	82.3	21 100*										14.0
15.0	66.1	81.8	18 400*										15.0
16.0	63.4	81.3	16 200*	68.7	82.2	21 400*							16.0
17.0	60.7	80.8	14 400*	66.1	81.7	18 500*							17.0
18.0	57.9	80.1	12 900*	63.5	81.2	16 400*							18.0
19.0	55.1	79.4	11 700*	60.7	80.7	14 600*	68.7	81.8	21 600*				19.0
20.0	52.1	78.7	10 500*	58.0	80.0	13 100*	66.1	81.4	18 800*				20.0
21.0	48.9	77.8	9 600*	55.1	79.3	11 800*	63.4	80.9	16 500*				21.0
22.0	45.6	76.8	8 700*	52.1	78.5	10 700*	60.7	80.3	14 700*				22.0
23.0	42.1	75.7	8 000*	49.0	77.7	9 700*	57.9	79.7	13 200*	66.0	80.9	18 900*	23.0
24.0	38.4	74.5	7 400*	45.7	76.7	8 800*	55.1	79.0	11 900*	63.4	80.4	16 700*	24.0
25.0	34.2	73.0	6 800*	42.2	75.6	8 100*	52.1	78.2	10 800*	60.7	79.8	14 800*	25.0
26.0	29.6	71.3	6 200*	38.4	74.3	7 400*	48.9	77.3	9 800*	57.9	79.2	13 300*	26.0
27.0	24.0	69.2	5 700*	34.2	72.9	6 800*	45.6	76.4	8 900*	55.0	78.5	12 000*	27.0
28.0				29.6	71.2	6 300*	42.1	75.3	8 200*	52.0	77.7	10 900*	28.0
29.0				24.0	69.1	5 800*	38.4	74.0	7 500*	48.8	76.8	9 900*	29.0
30.0				16.7	66.2	5 400*	34.2	72.6	6 900*	45.5	75.8	9 000*	30.0
31.0							29.5	70.9	6 300*	42.0	74.7	8 300*	31.0
32.0							24.0	68.7	5 800*	38.2	73.5	7 600*	32.0
33.0										34.1	72.1	7 000*	33.0
34.0										29.4	70.3	6 400*	34.0
35.0										23.8	68.2	5 900*	35.0

Capacities indicated by (b) require 1 180 kg minimum block weight.
Capacities based on structural competence are denoted by an asterisk (*).



**15000
SERIES 4**

European
Standards

**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

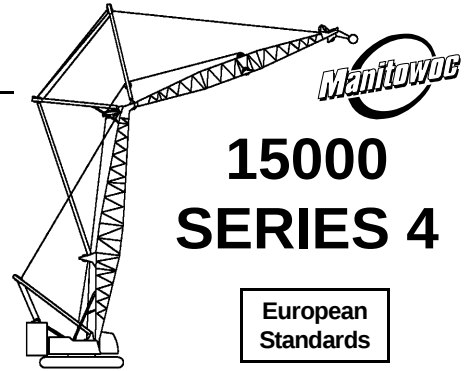
Int. Fall Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Int. Fall Oper. Rad. m			
	Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall					
		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms				
12.2	54.7	72.4	16 200 b	43.4	70.6	12 700*												12.2				
13.0	49.6	71.7	14 400*																13.0			
14.0	42.6	70.6	12 200*																14.0			
15.0	34.5	69.2	10 600*																15.0			
16.0																			16.0			
17.0				35.4	69.2	10 900*	44.5	70.4	13 100*									17.0				
18.0				25.0	67.3	9 500*													18.0			
19.0																			36.7	69.1	11 300*	19.0
20.0																			26.8	67.3	9 800*	20.0
21.0																						21.0
22.0										45.4	70.1	13 600*						22.0				
23.0										37.8	68.8	11 600*							23.0			
24.0										28.3	67.1	10 100*							24.0			
26.0																			52.9	70.0	16 600*	26.0
27.0										46.4	69.0	14 200*							46.4	69.0	14 200*	27.0
28.0													38.9	67.8	12 100*			28.0				
31.0																			53.0	68.3	16 500 b	31.0
32.0																			46.5	67.4	14 400	32.0
33.0																			39.1	66.2	12 400*	33.0

Capacities indicated by (b) require 1 180 kg minimum block weight.
Capacities based on structural competence are denoted by an asterisk (*).

Liftcrane Luffing Jib Intermediate Fall Capacities

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

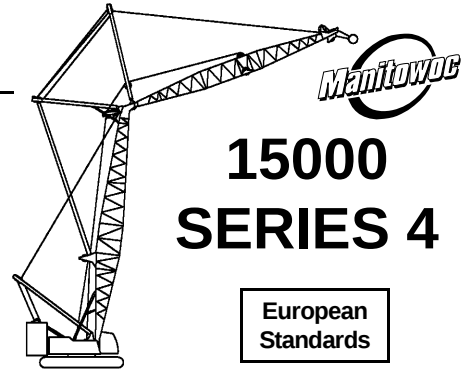
Maximum Operating Wind Speeds (all boom lengths)	
13 m/s with 21.3m thru 33.5m Luffing Jib	
11 m/s with 36.6m thru 42.7m Luffing Jib	
9 m/s with 45.7m thru 51.8m Luffing Jib	
7 m/s with 54.9m thru 67.1m Luffing Jib	
5 m/s with 70.1m and 73.2m Luffing Jib	



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

Int. Fall Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Int. Fall Oper. Rad. m
	Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall		Jib	Intermediate Fall		
	Ang. Deg.	Elev. m	Capacity Kilograms	Ang. Deg.	Elev. m	Capacity Kilograms	Ang. Deg.	Elev. m	Capacity Kilograms	Ang. Deg.	Elev. m	Capacity Kilograms	Ang. Deg.	Elev. m	Capacity Kilograms	Ang. Deg.	Elev. m	Capacity Kilograms	
12.2	54.7	72.4	13 600*																12.2
13.0	49.6	71.7	12 000*																13.0
14.0	42.6	70.6	10 100*	56.4	72.5	14 600*													14.0
15.0	34.5	69.2	8 800*	50.3	71.7	12 300*													15.0
16.0				43.4	70.6	10 400*													16.0
17.0				35.4	69.2	9 000*	57.3	72.3	15 300* ^b										17.0
18.0				25.0	67.3	7 800*	51.2	71.4	12 800*										18.0
19.0							44.5	70.4	10 700*										19.0
20.0							36.7	69.1	9 300*	58.1	71.8	16 000* ^b							20.0
21.0							26.8	67.3	8 100*	52.0	71.1	13 300*							21.0
22.0										45.4	70.1	11 100*							22.0
23.0										37.8	68.8	9 600*							23.0
24.0										28.3	67.1	8 300*							24.0
25.0													58.9	70.7	17 200* ^b				25.0
26.0													52.9	70.0	13 800*				26.0
27.0													46.4	69.0	11 600*				27.0
28.0													38.9	67.8	10 000*				28.0
31.0																53.0	68.3	14 400*	31.0
32.0																46.5	67.4	11 900*	32.0
33.0																39.1	66.2	10 100*	33.0

Capacities indicated by (b) require 1 180 kg minimum block weight.
Capacities based on structural competence are denoted by an asterisk (*).



Liftcrane Luffing Jib Intermediate Fall 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	

**European
Standards**

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

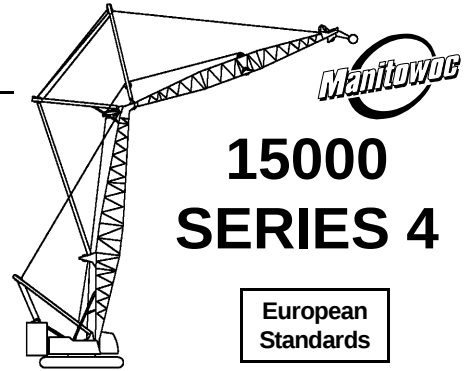
Int. Fall Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Int. Fall Oper. Rad. m
	Jib		Intermediate Fall	Jib		Intermediate Fall	Jib		Intermediate Fall	Jib		Intermediate Fall	Jib		Intermediate Fall	Jib		Intermediate Fall	
	Ang. Deg.	Elev. m		Capacity Kilograms	Ang. Deg.		Elev. m	Capacity Kilograms		Ang. Deg.	Elev. m		Capacity Kilograms	Ang. Deg.		Elev. m	Capacity Kilograms		
12.2	54.7	72.4	11 900*																12.2
13.0	49.6	71.7	10 500*																13.0
14.0	42.6	70.6	8 800*	56.4	72.5	12 900*													14.0
15.0	34.5	69.2	7 600*	50.3	71.7	10 800*													15.0
16.0				43.4	70.6	9 100*													16.0
17.0				35.4	69.2	7 800*	57.3	72.3	13 500*										17.0
18.0				25.0	67.3	6 800*	51.2	71.4	11 300*										18.0
19.0							44.5	70.4	9 400*	63.7	72.5	17 900* b							19.0
20.0							36.7	69.1	8 100*	58.1	71.8	13 900*							20.0
21.0							26.8	67.3	7 000*	52.0	71.1	11 500*							21.0
22.0										45.4	70.1	9 700*							22.0
23.0										37.8	68.8	8 400*							23.0
24.0										28.3	67.1	7 200*							24.0
25.0													58.9	70.7	15 100* b				25.0
26.0													52.9	70.0	12 100*				26.0
27.0													46.4	69.0	10 100*				27.0
28.0													38.9	67.8	8 700*				28.0
31.0																53.0	68.3	12 600*	31.0
32.0																46.5	67.4	10 400*	32.0
33.0																39.1	66.2	8 800*	33.0

Capacities indicated by (b) require 1 180 kg minimum block weight.
Capacities based on structural competence are denoted by an asterisk (*).

Liftcrane Luffing Jib Intermediate Fall Capacities

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

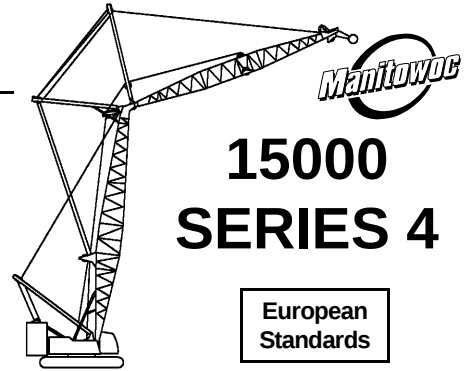
Maximum Operating Wind Speeds (all boom lengths)	
13 m/s with 21.3m thru 33.5m Luffing Jib	
11 m/s with 36.6m thru 42.7m Luffing Jib	
9 m/s with 45.7m thru 51.8m Luffing Jib	
7 m/s with 54.9m thru 67.1m Luffing Jib	
5 m/s with 70.1m and 73.2m Luffing Jib	



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

Int. Fall Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Int. Fall Oper. Rad. m
	Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		Jib Ang. Deg.	Intermediate Fall		
		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms		Elev. m	Capacity Kilograms	
12.2	62.7	76.1	17 300*															12.2	
13.0	59.1	75.6	15 200*															13.0	
14.0	54.4	74.8	12 800*	64.0	76.1	18 700*												14.0	
15.0	49.5	74.0	11 100*	59.6	75.5	15 600*												15.0	
16.0	44.0	73.0	9 800*	55.0	74.8	13 100*												16.0	
17.0	38.0	71.7	8 600*	50.0	73.9	11 400*	64.6	75.8	19 600*									17.0	
18.0	30.8	70.1	7 600*	44.6	72.9	10 000*	60.3	75.2	16 300*									18.0	
19.0				38.7	71.7	8 800*	55.7	74.6	13 600*									19.0	
20.0				31.6	70.2	7 800*	50.8	73.7	11 800*	65.2	75.4	20 500*						20.0	
21.0				22.5	68.0	6 900*	45.5	72.8	10 300*	60.8	74.8	17 000*						21.0	
22.0							39.6	71.6	9 100*	56.3	74.2	14 100*						22.0	
23.0							32.8	70.1	8 000*	51.4	73.4	12 200*						23.0	
24.0							24.1	68.0	7 100*	46.2	72.4	10 600*						24.0	
25.0										40.4	71.2	9 300*						25.0	
26.0										33.7	69.8	8 200*	61.4	73.7	17 800*			26.0	
27.0										25.4	67.8	7 300*	56.9	73.1	15 000*			27.0	
28.0													52.1	72.3	12 600*			28.0	
29.0													46.9	71.3	11 000*			29.0	
30.0													41.2	70.2	9 700*			30.0	
31.0													34.7	68.8	8 500*			31.0	
32.0													26.7	67.0	7 600*	57.0	71.4	14 200	
33.0																52.2	70.7	12 800	
34.0																47.0	69.7	11 400*	
35.0																41.3	68.6	9 900*	
36.0																34.8	67.2	8 700*	

Capacities indicated by (b) require 1 180 kg minimum block weight.
Capacities based on structural competence are denoted by an asterisk (*).



15000 SERIES 4

European
Standards

**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

Int. Fall Oper. Rad. m	88 Degree Boom Angle			86 Degree Boom Angle			83 Degree Boom Angle			80 Degree Boom Angle			75 Degree Boom Angle			70 Degree Boom Angle			Int. Fall Oper. Rad. m		
	Jib		Intermediate Fall	Jib		Intermediate Fall	Jib		Intermediate Fall	Jib		Intermediate Fall	Jib		Intermediate Fall	Jib		Intermediate Fall			
	Ang. Deg.	Elev. m		Capacity Kilograms	Ang. Deg.		Elev. m	Capacity Kilograms		Ang. Deg.	Elev. m		Capacity Kilograms	Ang. Deg.		Elev. m	Capacity Kilograms			Ang. Deg.	Elev. m
10.7	63.4	73.4	15 200* b																		
11.0	61.5	73.2	14 400* b																		
12.0	55.8	72.5	11 800*																		
13.0	49.6	71.7	9 800*																62.1	73.2	15 100*
14.0	42.6	70.6	8 400*																56.4	72.5	12 000*
15.0	34.5	69.2	7 300*	50.3	71.7	10 100*	63.0	72.9	16 000* b												
16.0				43.4	70.6	8 600*															
17.0				35.4	69.2	7 500*													57.3	72.3	12 500*
18.0				25.0	67.3	6 500*													51.2	71.4	10 400*
19.0																			44.5	70.4	8 900*
20.0							36.7	69.1	7 700*	58.1	71.8	13 100*							20.0		
21.0							26.8	67.3	6 700*	52.0	71.1	10 900*							21.0		
22.0										45.4	70.1	9 200*							22.0		
23.0										37.8	68.8	8 000*							23.0		
24.0										28.3	67.1	6 900*							24.0		
25.0													58.9	70.7	14 200*				25.0		
26.0													52.9	70.0	11 400*				26.0		
27.0													46.4	69.0	9 600*				27.0		
28.0													38.9	67.8	8 300*				28.0		
31.0																53.0	68.3	11 900*	31.0		
32.0																46.5	67.4	9 900*	32.0		
33.0																39.1	66.2	8 400*	33.0		

Capacities indicated by (b) require 1 180 kg minimum block weight.
Capacities based on structural competence are denoted by an asterisk (*).