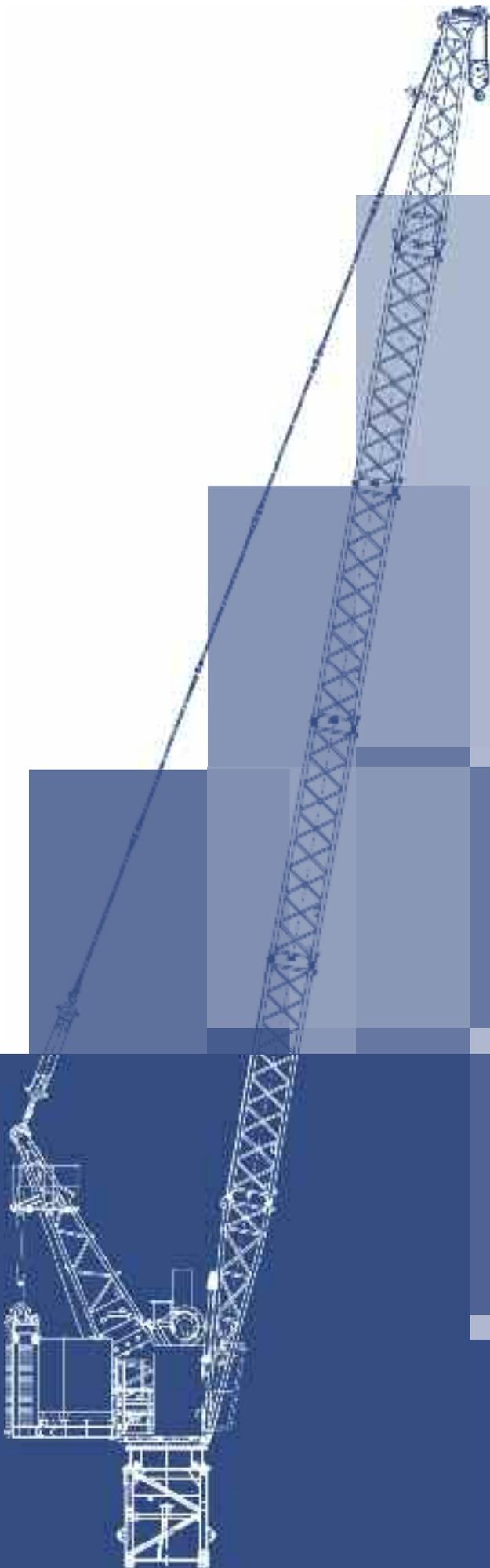




Made in Germany



WT 175L *e.tronic*

Product Information

WILBERT Tower Cranes Load tables

WT 175L e.tronic

Jib length [m]	Radius [m]		Radius [m]										Load capacity [t]	
	30	24	4	5	6	7	8	9	10	12	18	23		29
30	6.8 - 29.0						3.0	3.0	3.0	3.0	3.0	3.0	3.0	1.0
24	5.7 - 23.0					3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.8	
18	4.7 - 18.0				3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	
12	3.6 - 12.0			3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	

The loads relate to 2m hook travel. For longer hook travel distances, the loads are reduced by the additional weight of the hoist rope (with 1 fall rope = 1.3kg/m hook travel).

Jib length [m]	Radius [m]		Radius [m]										Load capacity [t]	
	30	24	4	5	6	7	8	9	10	12	18	23		29
30	6.8 - 29.0						10.1	9.9	9.3	9.3	8.1	5.1	3.1	1.0
24	5.7 - 23.0					15.0	15.0	15.0	15.0	14.1	10.6	5.5	2.8	
18	4.7 - 18.0				15.0	15.0	15.0	15.0	15.0	14.5	11.0	4.2		
12	3.6 - 12.0			15.0	15.0	15.0	15.0	15.0	15.0	14.7	8.7			

The loads relate to 2m hook travel. For longer hook travel distances, the loads are reduced by the additional weight of the hoist rope (with 5 fall rope = 6.5kg/m hook travel).

Jib length [m]	Radius [m]		Radius [m]										Load capacity [t]	
	30	24	4	5	6	7	8	9	10	12	18	23		29
30	6.8 - 29.0						6.0	6.0	6.0	6.0	6.0	5.1	3.1	1.0
24	5.7 - 23.0					6.0	6.0	6.0	6.0	6.0	6.0	5.5	2.8	
18	4.7 - 18.0				6.0	6.0	6.0	6.0	6.0	6.0	6.0	4.2		
12	3.6 - 12.0			6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0		

The loads relate to 2m hook travel. For longer hook travel distances, the loads are reduced by the additional weight of the hoist rope (with 2 fall rope = 2.6kg/m hook travel).

Jib length [m]	Radius [m]		Radius [m]										Load capacity [t]	
	30	24	4	5	6	7	8	9	10	12	18	23		29
30	6.8 - 29.0						10.1	9.9	9.3	9.3	8.1	5.1	3.1	1.0
24	5.7 - 23.0					15.0	15.0	17.7	16.6	14.1	10.6	5.5	2.8	
18	4.7 - 18.0				15.0	15.0	15.0	15.0	17.0	14.5	11.0	4.2		
12	3.6 - 12.0			18.0	15.0	15.0	15.0	15.0	17.0	14.7	8.7			

The loads relate to 2m hook travel. For longer hook travel distances, the loads are reduced by the additional weight of the hoist rope (with 6 fall rope = 7.8kg/m hook travel).

Jib length [m]	Radius [m]		Radius [m]										Load capacity [t]	
	30	24	4	5	6	7	8	9	10	12	18	23		29
30	6.8 - 29.0						9.0	9.0	9.0	9.0	8.1	5.1	3.1	1.0
24	5.7 - 23.0					9.0	9.0	9.0	9.0	9.0	9.0	5.5	2.8	
18	4.7 - 18.0				9.0	9.0	9.0	9.0	9.0	9.0	9.0	4.2		
12	3.6 - 12.0			9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	8.7		

The loads relate to 2m hook travel. For longer hook travel distances, the loads are reduced by the additional weight of the hoist rope (with 3 fall rope = 3.9kg/m hook travel).

Jib length [m]	Radius [m]		Radius [m]										Load capacity [t]	
	30	24	4	5	6	7	8	9	10	12	18	23		29
30	6.8 - 29.0						10.1	9.9	9.3	9.3	8.1	5.1	3.1	1.0
24	5.7 - 23.0					19.2	18.5	17.7	16.6	14.1	10.6	5.5	2.8	
18	4.7 - 18.0				21.0	21.0	21.0	20.4	17.0	14.5	11.0	4.2		
12	3.6 - 12.0			21.0	21.0	21.0	21.0	20.7	17.3	14.7	8.7			

The loads relate to 2m hook travel. For longer hook travel distances, the loads are reduced by the additional weight of the hoist rope (with 7 fall rope = 9.1kg/m hook travel).

Jib length [m]	Radius [m]		Radius [m]										Load capacity [t]	
	30	24	4	5	6	7	8	9	10	12	18	23		29
30	6.8 - 29.0						10.1	9.9	9.3	9.3	8.1	5.1	3.1	1.0
24	5.7 - 23.0					12.0	12.0	12.0	12.0	12.0	10.6	5.5	2.8	
18	4.7 - 18.0				12.0	12.0	12.0	12.0	12.0	12.0	11.0	4.2		
12	3.6 - 12.0			12.0	12.0	12.0	12.0	12.0	12.0	12.0	8.7			

The loads relate to 2m hook travel. For longer hook travel distances, the loads are reduced by the additional weight of the hoist rope (with 4 fall rope = 5.2kg/m hook travel).

Jib length [m]	Radius [m]		Radius [m]										Load capacity [t]	
	30	24	4	5	6	7	8	9	10	12	18	23		29
30	6.8 - 29.0						10.1	9.9	9.3	9.3	8.1	5.1	3.1	1.0
24	5.7 - 23.0					19.2	18.5	17.7	16.6	14.1	10.6	5.5	2.8	
18	4.7 - 18.0				24.0	24.0	24.0	20.4	17.0	14.5	11.0	4.2		
12	3.6 - 12.0			24.0	24.0	24.0	24.0	20.7	17.3	14.7	8.7			

The loads relate to 2m hook travel. For longer hook travel distances, the loads are reduced by the additional weight of the hoist rope (with 8 fall rope = 10.4kg/m hook travel).

The WT 175L *e.tronic* luffing jib crane. Lightweight assembly. Many possibilities.

Design. **Short and sweet.**

With an extremely short counter jib length of just 4m, the WT 175L *e.tronic* impresses everyone and is the favourite wherever space is restricted. In city centres or on construction sites with little room for manoeuvre, this crane is equally good for assembly or dismantling.

Modular system. **It's simply got it.**

The WT 175L *e.tronic*'s practical modular system can match the jib length to the task in hand – in three-metre as well as six-metre lengths, making anything possible between 12m and 36m. The lower connection of the tower head measures 2m. And because this crane's flexibility is almost legendary, it can be used with all the WT components. What's more, the WT 175L *e.tronic* can be bolted onto any kind of substructure.

Transport. **Two for one.**

The WT 175L *e.tronic* is easily transported. Only two trucks or two 40' containers are needed to get the slewing unit on the road. It not only gets to its destination quickly, it arrives in style.

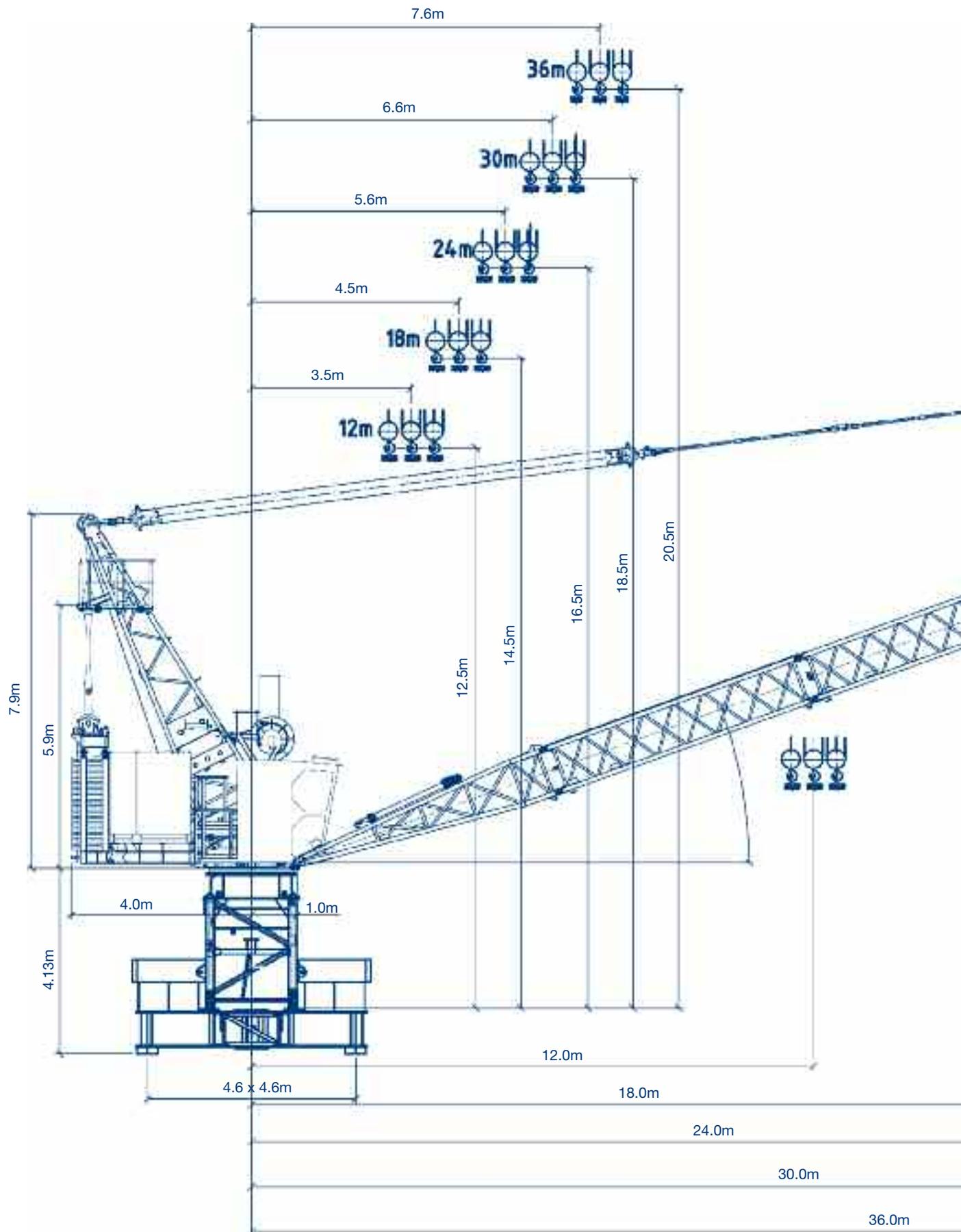
Assembly. **Up and ready in no time.**

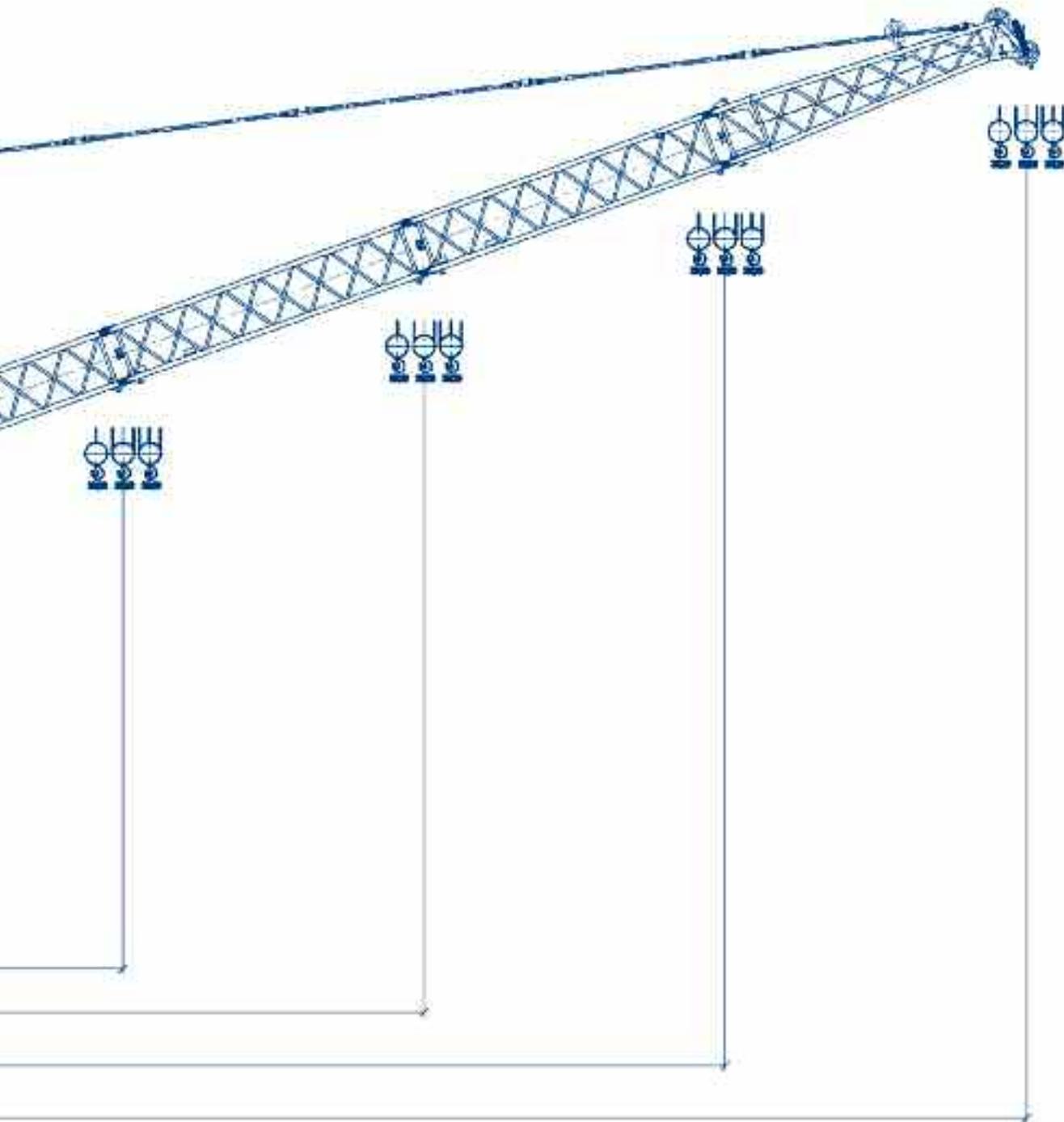
The heaviest individual part to be assembled weighs a maximum 1.5 tonnes. Instead of a truck or tower crane, any lifting equipment that can manage this weight can be used.

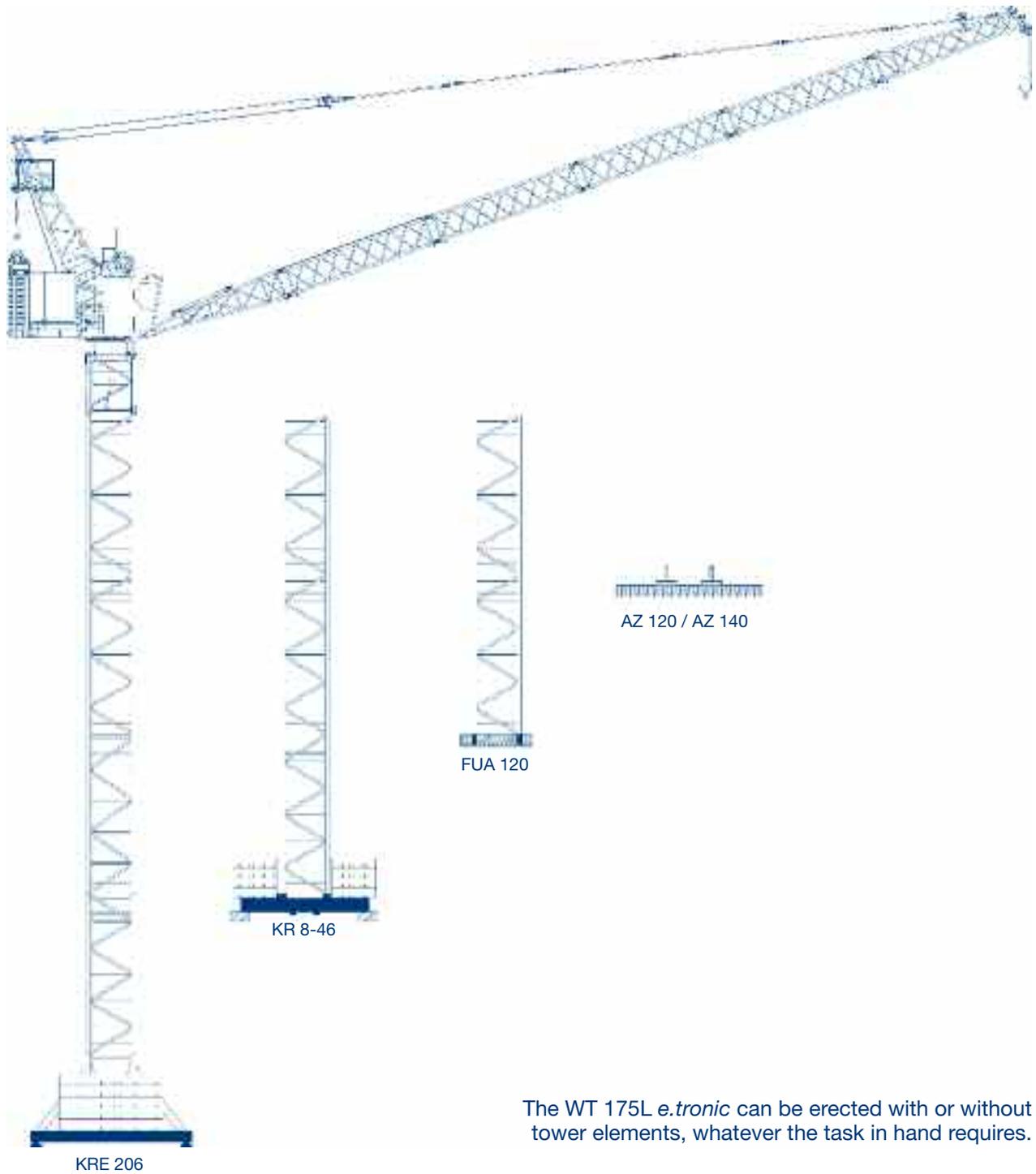
Operator cab. **Not remote, but controlled.**

The WT 175L *e.tronic* is easily operated by remote control. Those who prefer a roof over their head, simply choose the optional deluxe cab

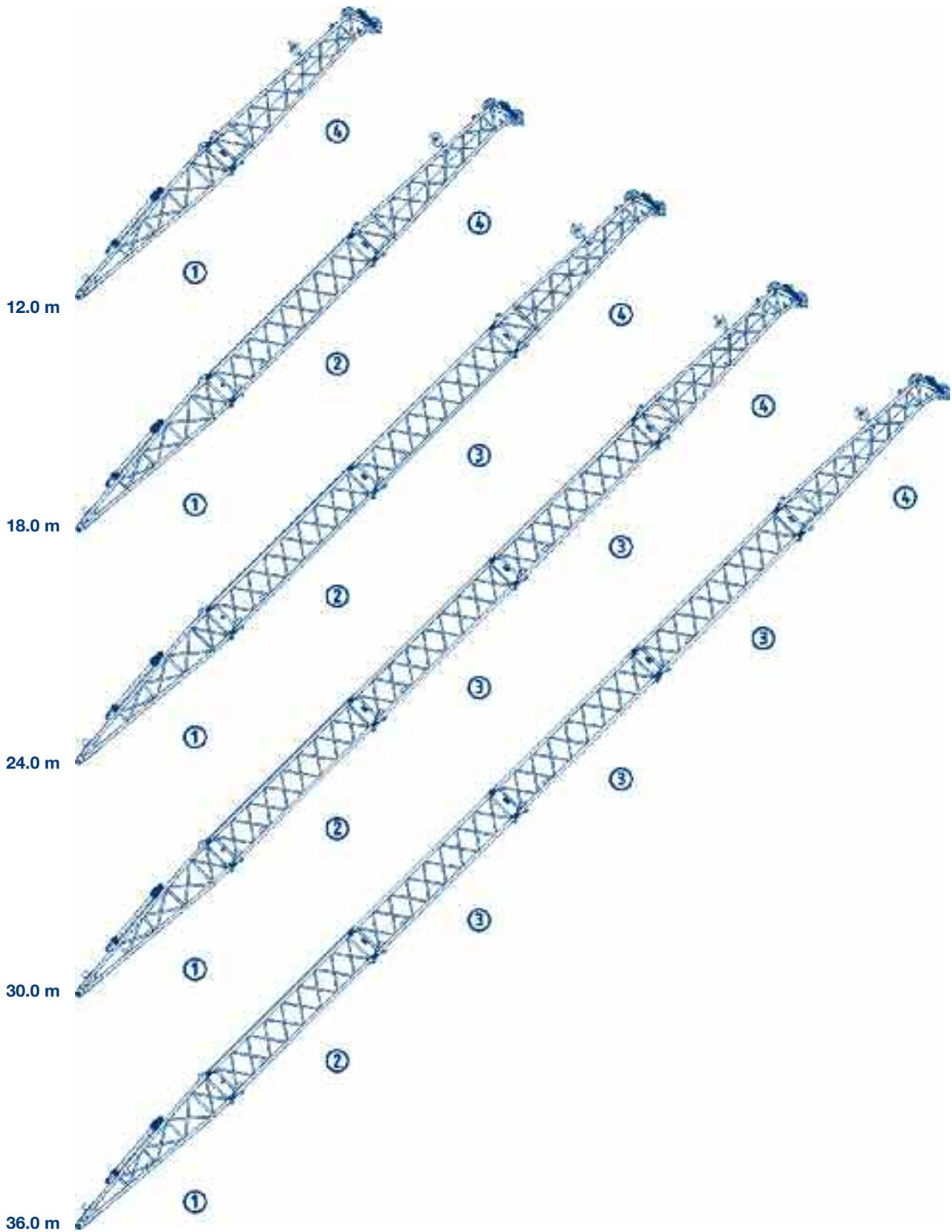
WILBERT Tower Cranes Layout drawing

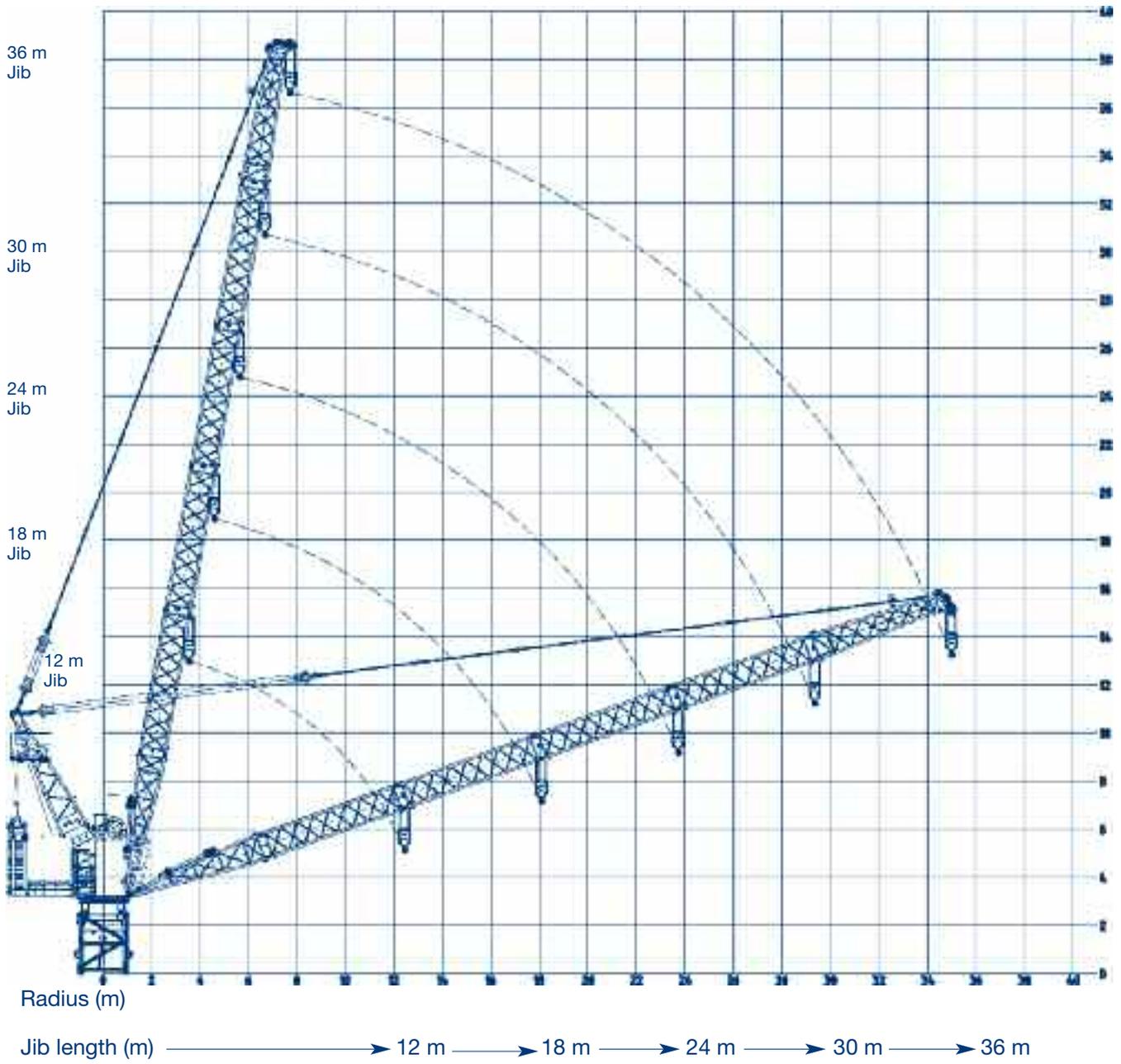




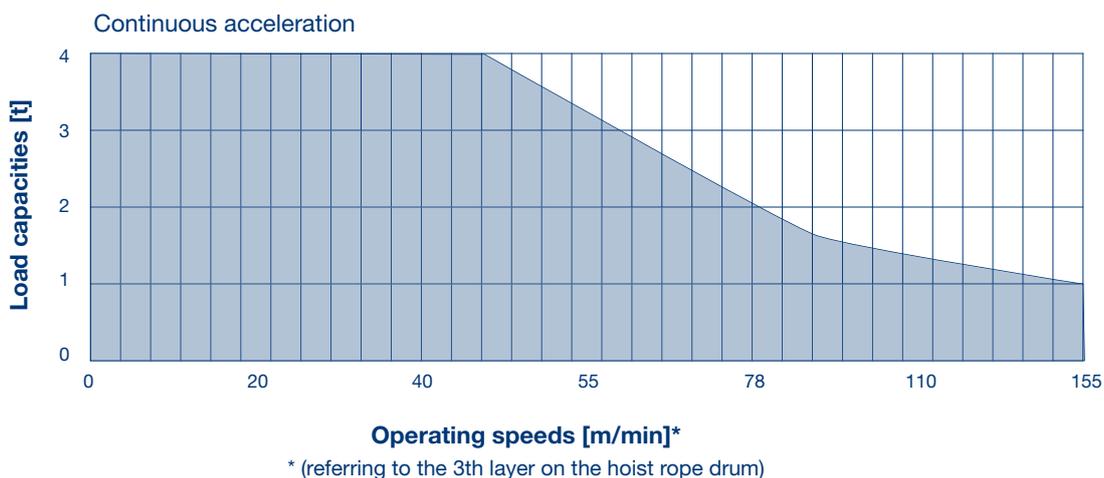


The WT 175L *e.tronic* can be erected with or without tower elements, whatever the task in hand requires.

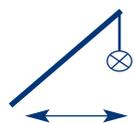




Drive [Type]	Operating speeds Load capacity	Hook travel max. [m]	Power rating [kW]
FU 37 KW	Hoisting	210	37



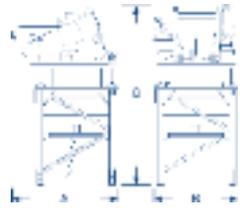
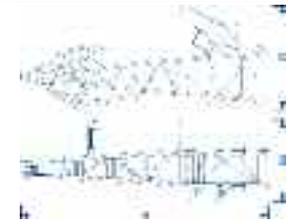
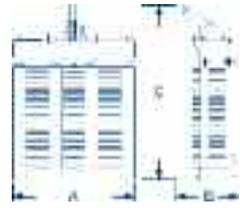
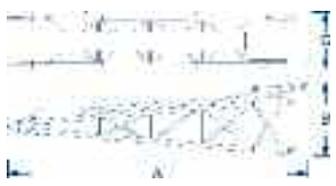
WW	Luffing	45
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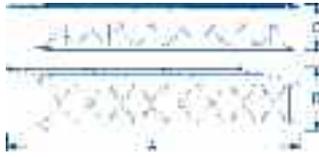


DW	Slewing	2 x 5,5
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Total connected load		
70 kVA		
Total connected load at utilisation factor 0,8		

Pos.	Qty.	Description	Package (not to scale)	A [m]	B [m]	C [m]	Weight [kg]
1	1	Slew ring with lower part of tower head		2.500	2.400	4.500	4.570
2	1	Machine platform		2.980	2.250	2.630	2.850
3	2	Complete tower head		7.750	2.420	3.134	4.840
4	1	Counterweights		2.540	1.212	3.675	18.724
5	1	Cab		3.275	1.895	2.452	1.300
6	2	Jib section 1		6.487	1.605	1.200	851
7	0-1	Jib section 2		6.838	1.495	1.187	628

Pos.	Qty.	Description	Package (not to scale)	A [m]	B [m]	C [m]	Weight [kg]
8	0-3	Jib section 3		6.838	1.495	1.187	580
9	1	Jib section 4		6.312	1.384	1.180	822
10	2	Load hook		500	270	900	360
11	1-6	Jib stay rod 4,000mm		4.140	20	125	34.5
12	1-5	Connecting lug for jib stay		320	10	125	2.6
13	2	Ladders and railings					150
14	1	Small parts					200

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