

Build the future

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Tower crane

ED150F-10

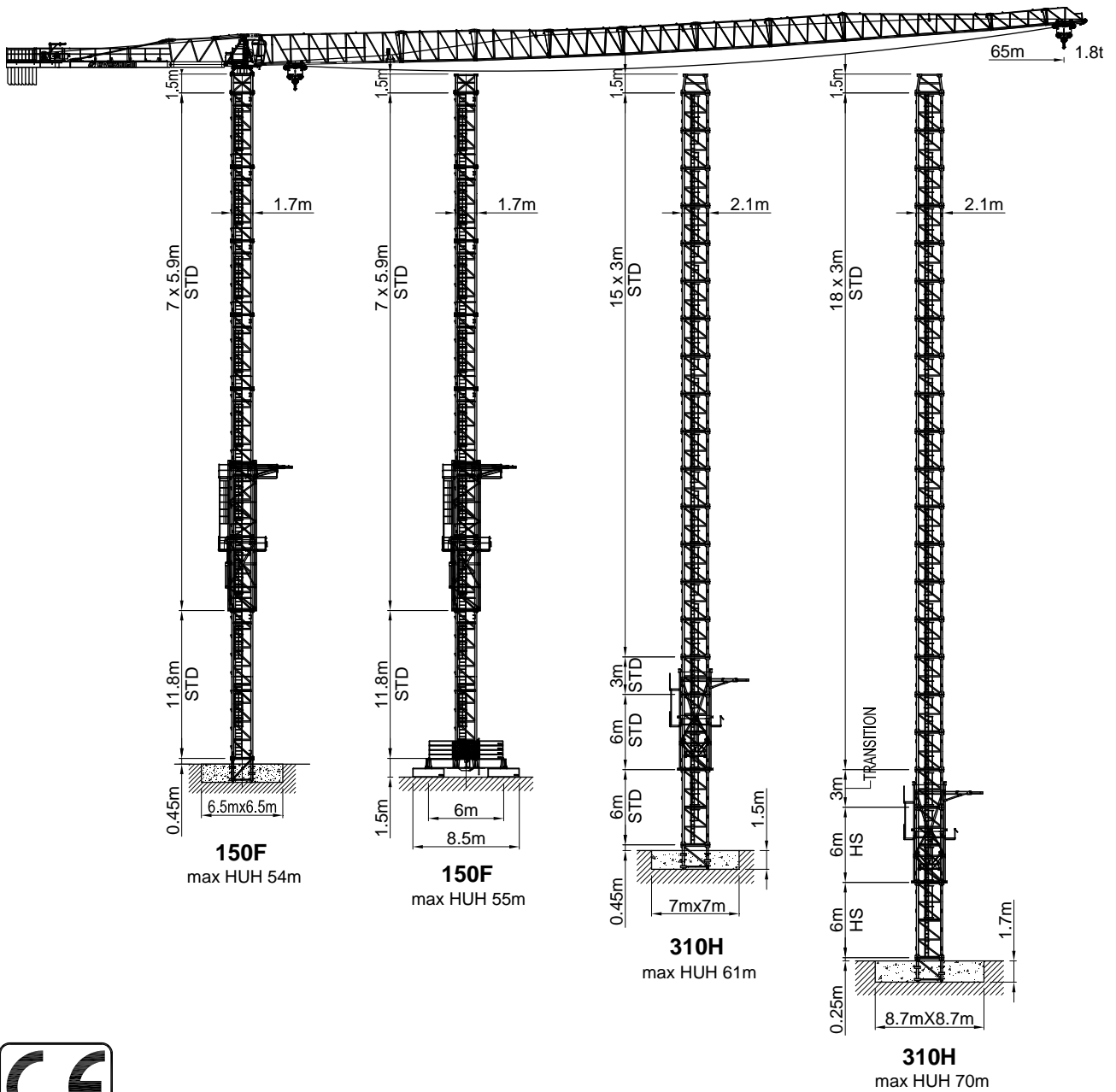


Fig.70

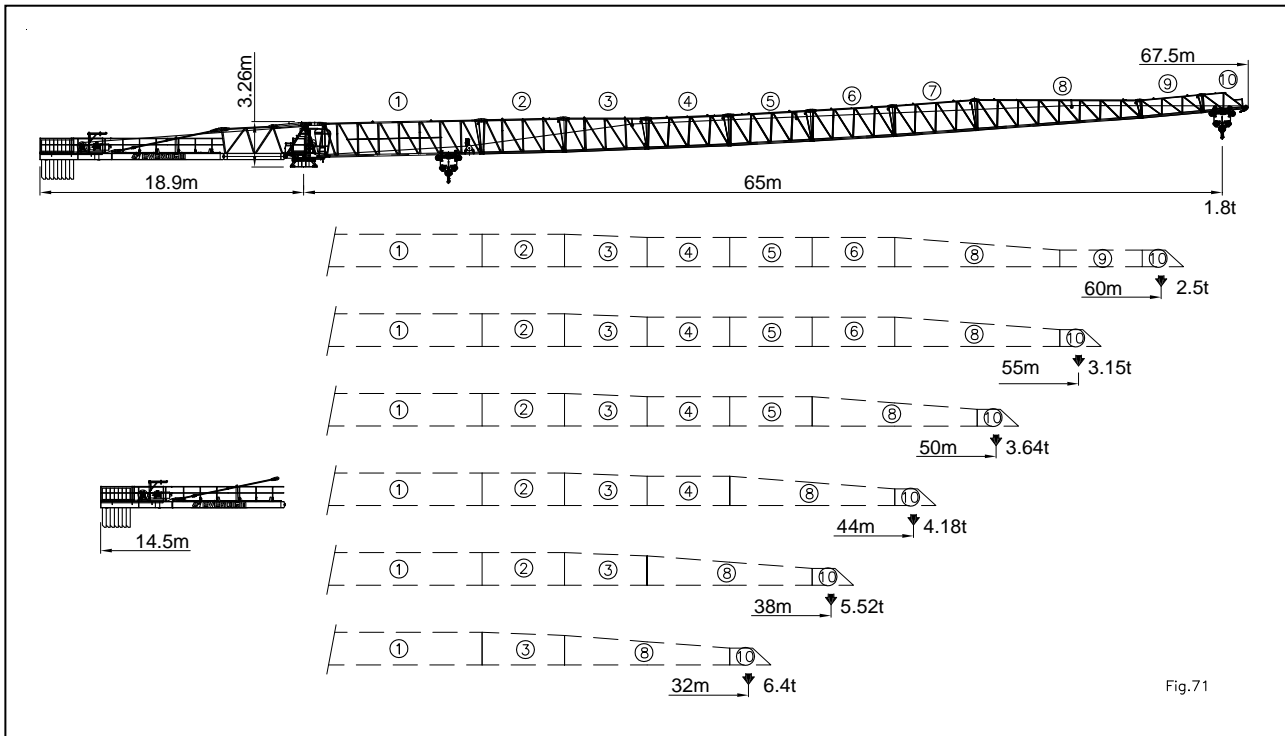


• FEM 1.001 A4

HUH : Height under hook

01. Jib combination

ED150F-10



02. Radius and capacity

Jib length m	Max capacity (m/kg)		Radius & Hoisting capacity										
	2 fall	4 fall	m / kg	15	20	26	32	38	44	50	55	60	65
65	2.4 – 28 5,000	2.4 – 15 10,000	4 fall	10,000	7,338	5,496	4,344	3,556	2,983	2,547	2,257	2,015	1,800
			2 fall	5,000	5,000	5,000	4,344	3,556	2,983	2,547	2,257	2,015	1,800
60	2.4 – 31 5,000	2.4 – 16 10,000	4 fall	10,000	7,956	6,069	4,890	4,083	3,496	3,050	2,753	2,500	
			2 fall	5,000	5,000	5,000	4,890	4,083	3,496	3,050	2,753	2,500	
55	2.4 – 34 5,000	2.4 – 17 10,000	4 fall	10,000	8,437	6,520	5,322	4,503	3,908	3,456	3,155		
			2 fall	5,000	5,000	5,000	5,000	4,503	3,908	3,456	3,155		
50	2.4 – 36 5,000	2.4 – 18 10,000	4 fall	10,000	9,085	6,991	5,682	4,786	4,135	3,640			
			2 fall	5,000	5,000	5,000	5,000	4,786	4,135	3,640			
44	2.4 – 36 5,000	2.4 – 19 10,000	4 fall	10,000	9,266	7,115	5,771	4,851	4,182				
			2 fall	5,000	5,000	5,000	5,000	4,851	4,182				
38	2.4 – 38 5,000	2.4 – 19.5 10,000	4 fall	10,000	9,618	7,625	6,379	5,526					
			2 fall	5,000	5,000	5,000	5,000	5,000					
32	2.4 – 32 5,000	2.4 – 19.8 10,000	4 fall	10,000	10,000	7,734	6,406						
			2 fall	5,000	5,000	5,000	5,000						

03. Driving performance

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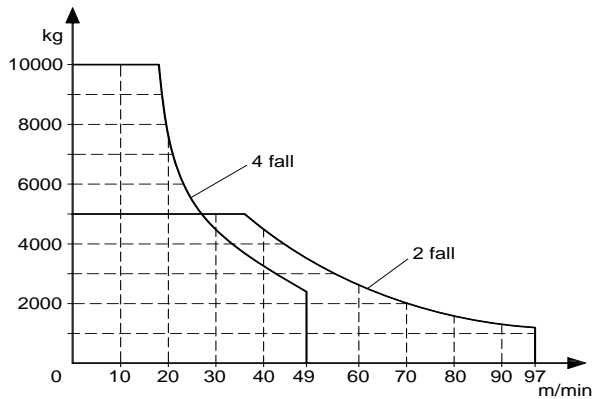
Hoist winch 37kW – 37HF550 – AC – Stepless




2 Part	1,200kg	0 ~ 97m/min
Line	5,000kg	0 ~ 36m/min



4 Part	2,400kg	0 ~ 48m/min
Line	10,000kg	0 ~ 18m/min



Electrical information

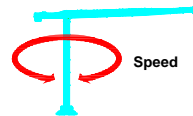
Power supply  3ph x 380V, 50/60Hz (Standard)
3ph x 415V, 50/60Hz (Option)

Control circuit 24Vdc

Power consumption 70kVA

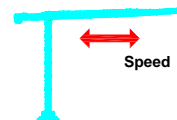
Power cable PNCT x 35SQ x 4Core

Slewing machinery - 2Drive units - AC - Stepless



2 x 5.5kW – AC
0 ~ 0.69rpm

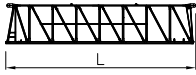

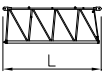



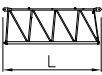

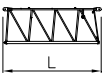

Trolley winch 6.6kW - AC - Stepless



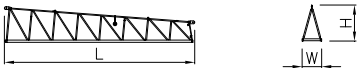


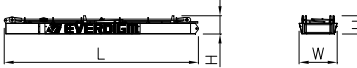












0 ~ 5,000kg 0 ~ 71m/min
10,000kg 0 ~ 36m/min

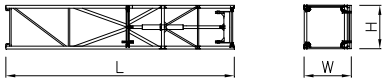
04. Packing list | continued |

Upper part



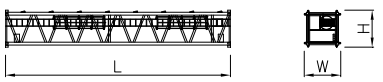

Description	Q'ty	Sketch	Demension(m)			Weight(kg)			
			L	W	H	Unit	Total		
Jib single Element	No. 1	1			11.955	1.400	2.520	3,464	-
	No. 2	1			6.185	1.240	2.520	1,250	-
	No. 3	1			6.185	1.240	2.520	1,130	-
	No. 4	1			6.170	1.240	2.280	916	-
	No. 5	1			6.170	1.240	2.280	834	-

Description	Q'ty	Sketch	Demension(m)			Weight(kg)	
			L	W	H	Unit	Total
No. 6	1		6.160	1.240	2.280	689	-
No. 7	1		6.160	1.240	2.270	643	-
No. 8	1		12.050	1.240	2.270	1,258	-
No. 9	1		4.640	1.240	1.350	362	-
No. 10	1		3.360	1.240	1.350	268	-
Initial counter jib ass'y, Tie rod, Handrail etc.	1		8.155	1.597	0.760	4,690	-
End counter jib ass'y, Hoist winch, Handrail etc.	1		5.220	1.528	1.547	3,460	-
Expansion frame	1		4.705	1.360	2.491	2,880	-
Turn table ass'y, Slewing ass'y etc.	1		2.194	2.688	2.063	3,150	-
Top head & Connection plate	1		2.031	1.279	2.348	1,075	-
Operating cabin & Platform ass'y	1		2.460	1.914	2.422	1,200	-
Panel frame & Electric panel	1		1.425	2.165	2.135	630	-
Trolley winch ass'y	1		1.442	0.540	0.891	320	-
Trolley ass'y	1		1.880	1.478	0.755	292	-
Hook block ass'y	1		1.290	0.291	1.819	265	-
Counter weight block	8		1.240	0.285	2.700	1,850	14,800


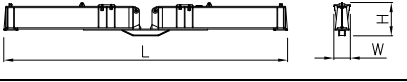

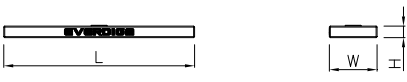
Climbing equipment

Description	Q'ty	Sketch	Demension(m)			Weight(kg)	
			L	W	H	Unit	Total
Climbing cage ass'y	1		12.000	2.485	2.280	6,180	-

Mast

Connection mast	1		1.550	1.896	1.896	1,005	-
5.9m Mast section	-		5.900	1.856	1.856	2,978	-
11.8m Mast section	1		11.800	1.856	1.856	5,824	-
Foundation anchor	1		1.910	2.000	2.000	1098	-

Undercarriage

Main frame(6mx6m)	1		8.935	0.800	0.866	3,715	-
Main frame(6mx6m)	1		8.935	0.520	1.046	3,755	-
Suport block	4		2.500	1.250	0.700	5,000	20,000
Ballast weight	-		5.900	1.500	0.360	7,500	

07. Tie schedule

max HUH 225.1m

