

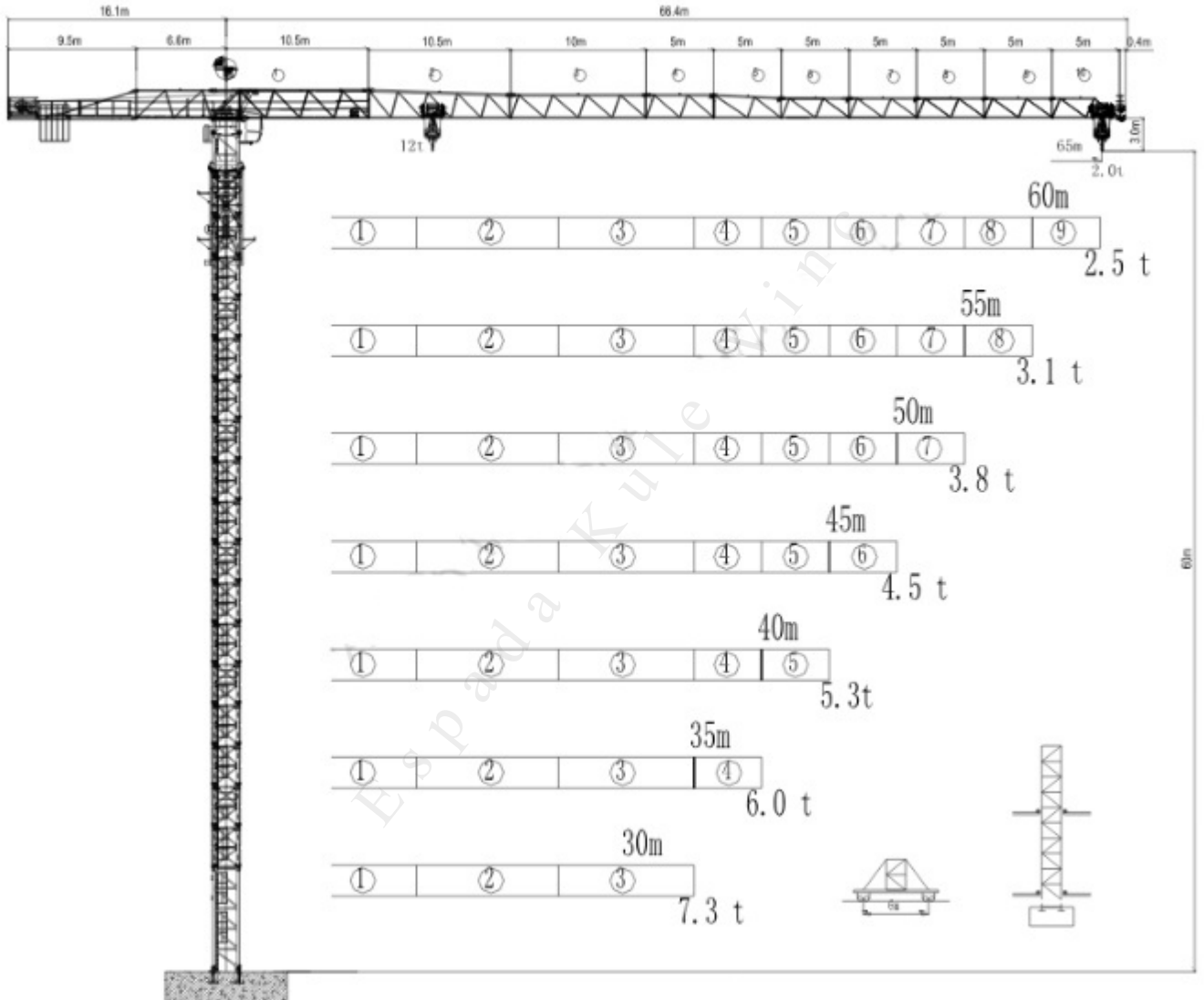


ESPADA

TOPLESS TOWER CRANE

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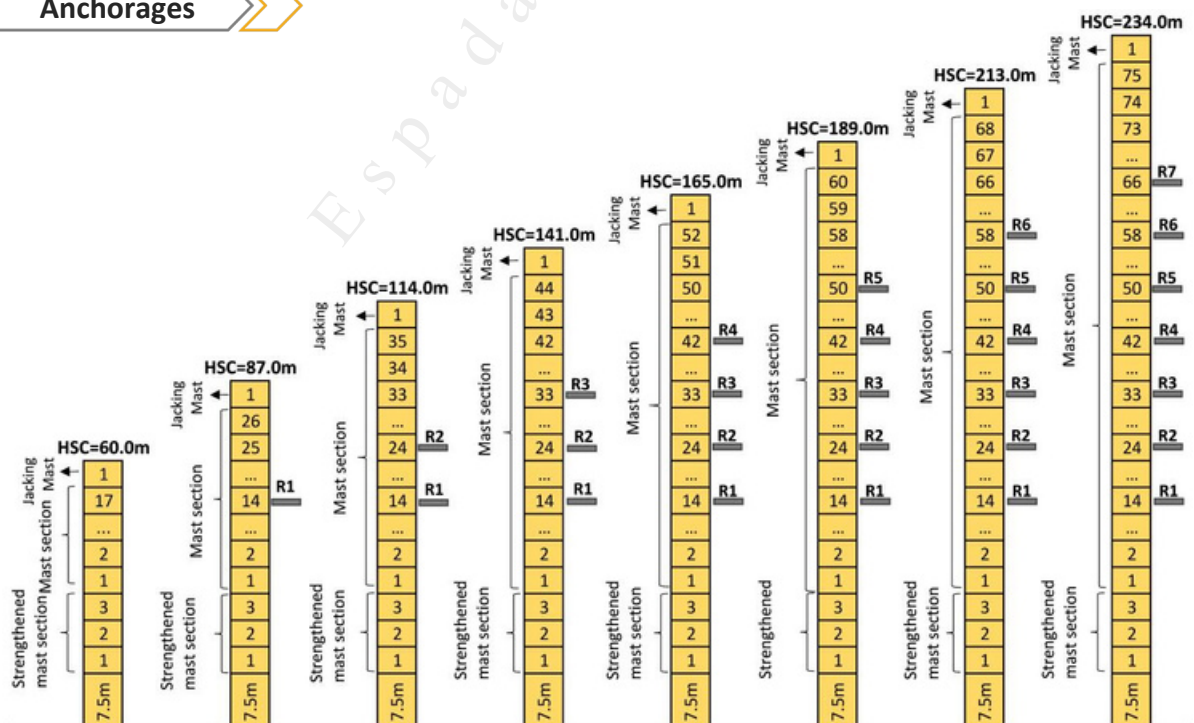
EST6520-12



Loading Diagrams

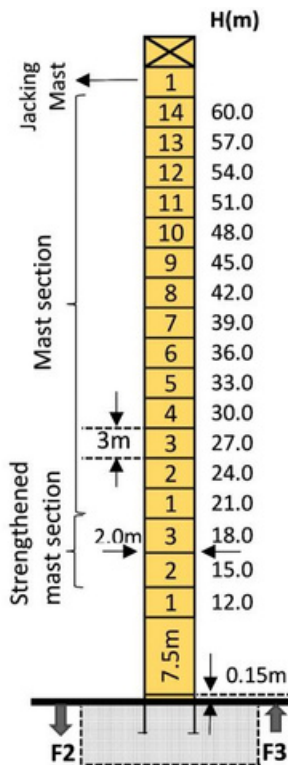
	Fall	R(Cmax)	C(max)	10.0	15.0	20.0	25.0	30.0	35.0	40.0	45.0	50.0	55.0	60.0	65.0
		m	t												
65m		15.70	12.00	12.00	9.13	7.03	5.63	4.63	3.87	3.29	3.29	2.82	2.44	2.12	1.85
	29.00	6.00	6.00	6.00	6.00	6.00	6.00	5.77	4.77	4.02	3.44	2.97	2.59	2.27	2.00
		16.70	12.00	12.00	12.00	9.82	7.58	6.09	5.02	4.22	3.60	3.10	2.69	2.35	
	30.90	6.00	6.00	6.00	6.00	6.00	6.00	5.17	4.37	3.75	3.25	2.84	2.50		
55m		17.80	12.00	12.00	12.00	10.54	8.16	6.57	5.43	4.58	3.92	3.39	2.95		
	32.90	6.00	6.00	6.00	6.00	6.00	6.00	6.00	5.58	4.73	4.06	3.53	3.10		
50m		18.80	12.00	12.00	12.00	11.21	8.69	7.01	5.81	4.91	4.21	3.65			
	34.70	6.00	6.00	6.00	6.00	6.00	6.00	6.00	5.96	5.06	4.36	3.80			
45m		19.20	12.00	12.00	12.00	11.52	8.94	7.22	5.99	5.07	4.35				
	35.60	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	5.22	4.50				
40m		19.50	12.00	12.00	12.00	11.69	9.07	7.33	6.09	5.15					
	36.10	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00	5.30					
35m		19.30	12.00	12.00	12.00	11.54	8.96	7.23	6.00						
	35.70	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00						
30m		19.40	12.00	12.00	12.00	11.65	9.04	7.30							
	36.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00							

Anchorage





Mast-Reaction



	●	■
F2	134.4t	162.9t
F3	86.9t	75.6t
	58.0t	



Total weight of free standing height(exclude counter weight ballast)

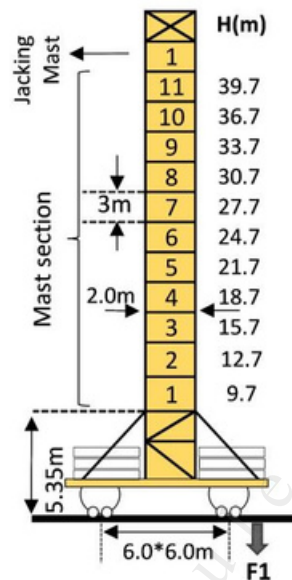


In service

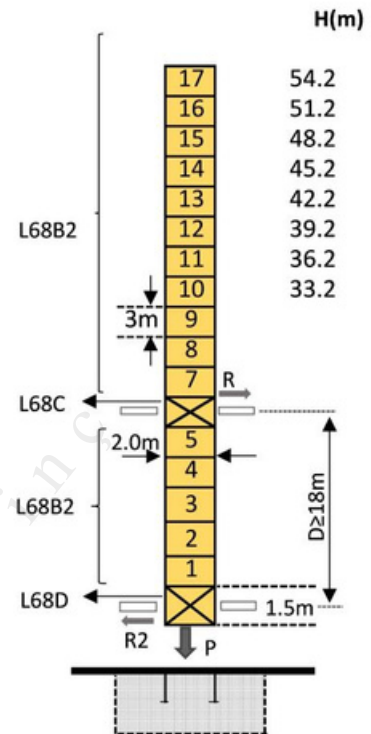


Out of service

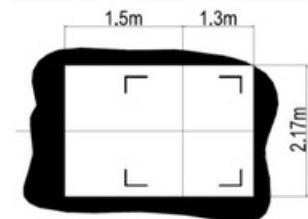
F Reactions



	●	■
F1	62.5t	56.4t
	53.0t	



Amin	Rmax	Pmax
18.0m	33.5t	114.3t
	62.9t	



Mechanisms

Items	Mechanisms	Speed/Hoist weight				Rope Capacity	Motor(KW)
		M/min	t	M/min	t		
Hoisting	55JLF30					800m	55
		0-45	6.00	0-22.5	12.00		
		0-90	3.00	0-45	6.00		
Trolley	120JXL	0-63m/min					120N.m
Slewing	JH02B	0-0.7rpm					12000N.m
Traveling	RT544	15-27m/min					4*5.2
Main electrical components: Schneider (Frequency converter, Contactor,Relay)							