



ESPADA

TOPLESS TOWER CRANE

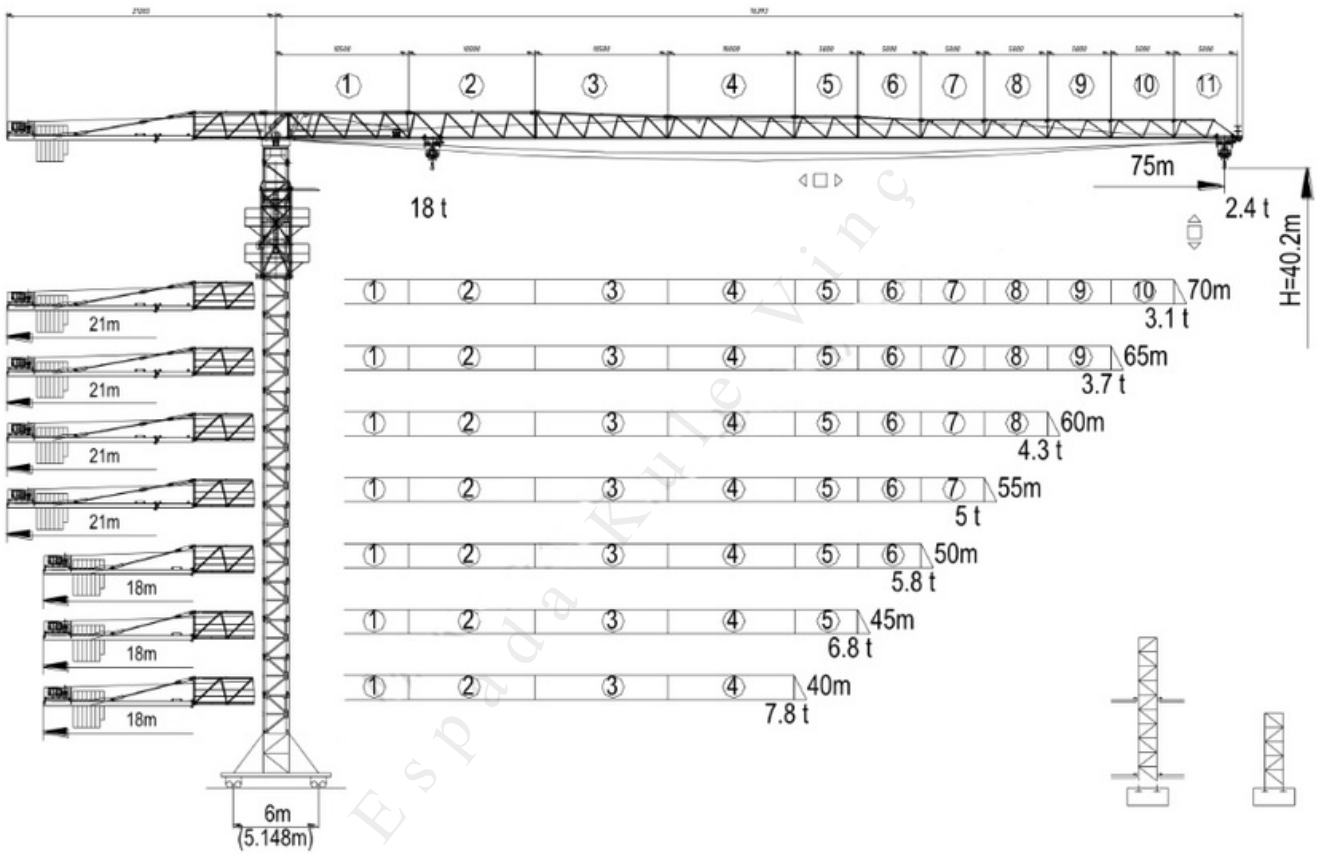
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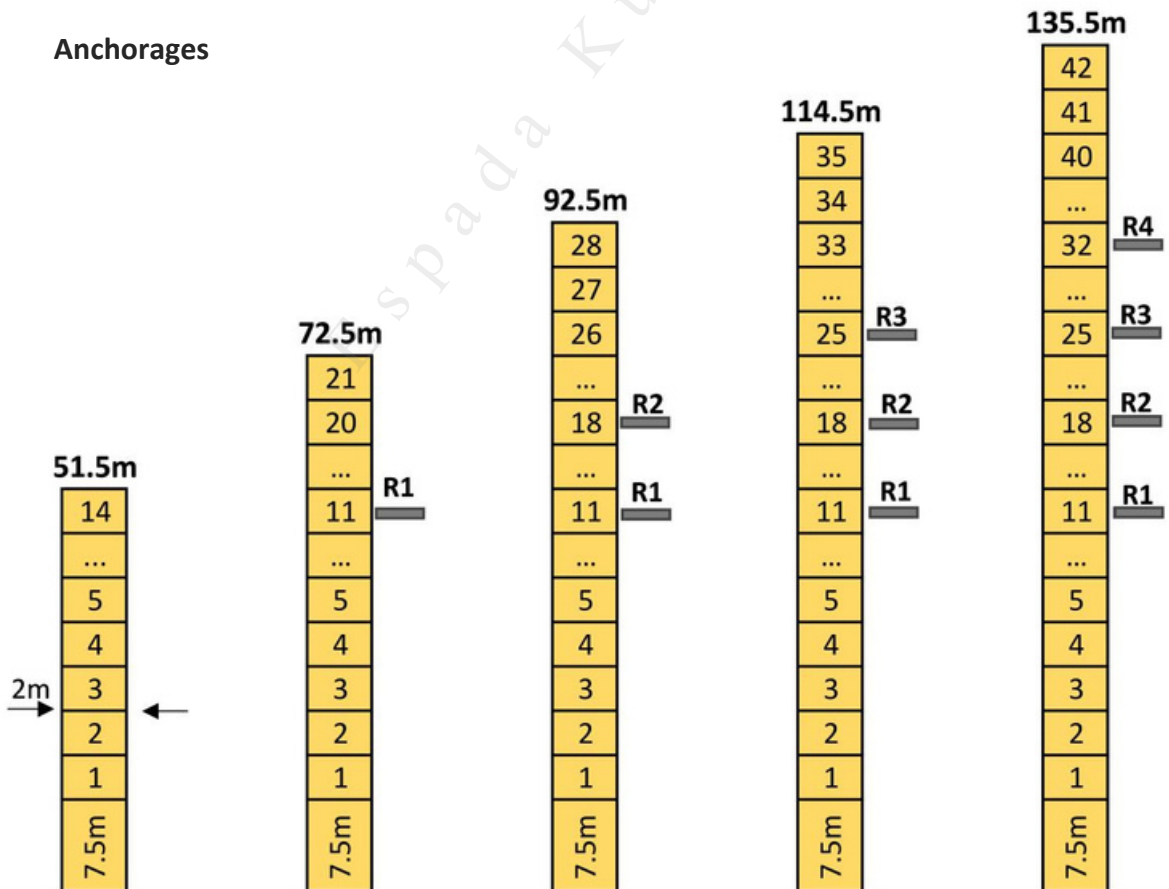




Loading Diagrams

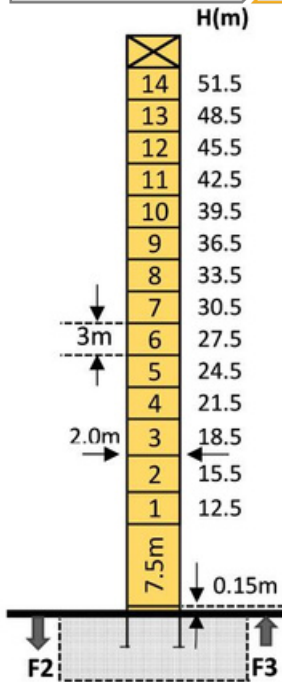
	Fall	R(Cmax)	C(max)	10.0	15.0	20.0	25.0	30.0	35.0	40.0	45.0	50.0	55.0	60.0	65.0	70.0	75.0
		m	t														
75m		12.70	18.00	18.00	15.92	11.44	8.82	7.10	5.89	4.99	4.30	3.75	3.29	2.92	2.6	2.33	2.10
		26.20	9.00	9.00	9.00	9.00	9.00	7.36	6.16	5.27	4.58	4.03	3.58	3.21	2.90	2.63	2.40
70m		14.40	18.00	18.00	18.00	12.87	9.97	8.08	6.74	5.74	4.97	4.36	3.86	3.45	3.10	2.80	
		29.30	9.00	9.00	9.00	9.00	9.00	8.75	7.06	6.06	5.28	4.67	4.17	3.75	3.40	3.10	
65m		15.70	18.00	18.00	18.00	13.98	10.88	8.84	7.40	6.34	5.51	4.85	4.32	3.88	3.50		
		31.10	9.00	9.00	9.00	9.00	9.00	9.00	7.58	6.52	5.70	5.05	4.51	4.07	3.70		
60m		16.40	18.00	18.00	18.00	14.88	11.43	9.30	7.79	6.68	5.81	5.13	4.57	4.10			
		32.20	9.00	9.00	9.00	9.00	9.00	9.00	7.97	6.86	6.00	5.32	4.76	4.30			
55m		17.00	18.00	18.00	18.00	15.35	11.96	9.74	8.17	7.00	6.10	5.38	4.80				
		33.30	9.00	9.00	9.00	8.00	8.00	8.00	8.00	7.19	6.29	5.58	5.00				
50m		17.60	18.00	18.00	18.00	15.90	12.40	10.10	8.48	7.27	6.34	5.60					
		34.20	9.00	9.00	9.00	9.00	9.00	9.00	8.77	7.47	6.54	5.80					
45m		18.20	18.00	18.00	18.00	16.00	12.87	10.49	8.81	7.56	6.60						
		34.20	9.00	9.00	9.00	9.00	9.00	9.00	9.00	7.76	6.80						
40m		18.20	18.00	18.00	18.00	16.00	12.93	10.54	8.85	7.60							
		35.30	9.00	9.00	9.00	9.00	9.00	9.00	9.00	7.80							

Anchorage

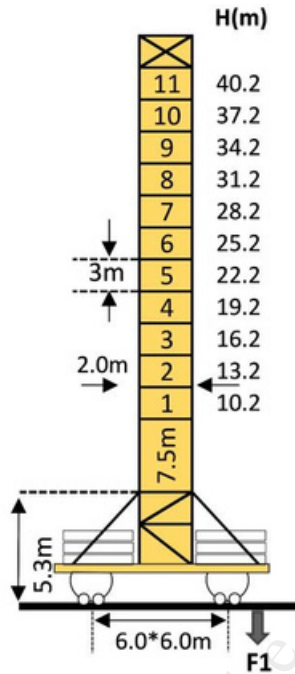




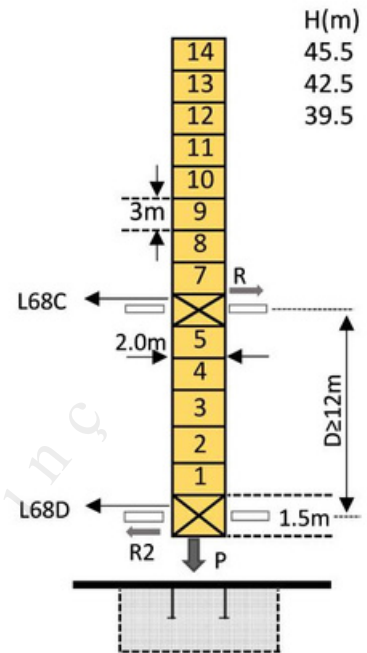
Mast-Reaction



	In service	Out of service
F2	151.0t	129.0t
F3	95.0t	80.0t
Person	71.0t	

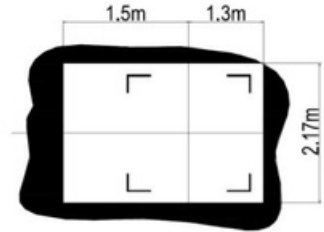


	In service	Out of service
F1	84.0t	78.0t
Person	67.0t	



Amin	Rmax	Pmax
12.0m	25.0t	100.0t
Person	68.7t	

- Total weight of free standing height(exclude counter weight ballast)
 In service Out of service F Reactions



Mechanisms

Items	Mechanisms	Speed/Hoist weight				Rope Capacity	Motor(KW)
		M/min	t	M/min	t		
Hoisting	90LVF40					670m	90
		0-40	9.00	0-20	18.00		
		0-80	4.50	0-40	9.00		
Trolley	X185K	0-60m/min					185N.m
Slewing	RCV145	0-0.7rpm					12000N.m
Traveling	5.5TRVF	0-30m/min					4*5.5
Main electrical components: Schneider (Frequency converter, Contactor,Relay)							