



ESPADA

LUFFING TOWER CRANE

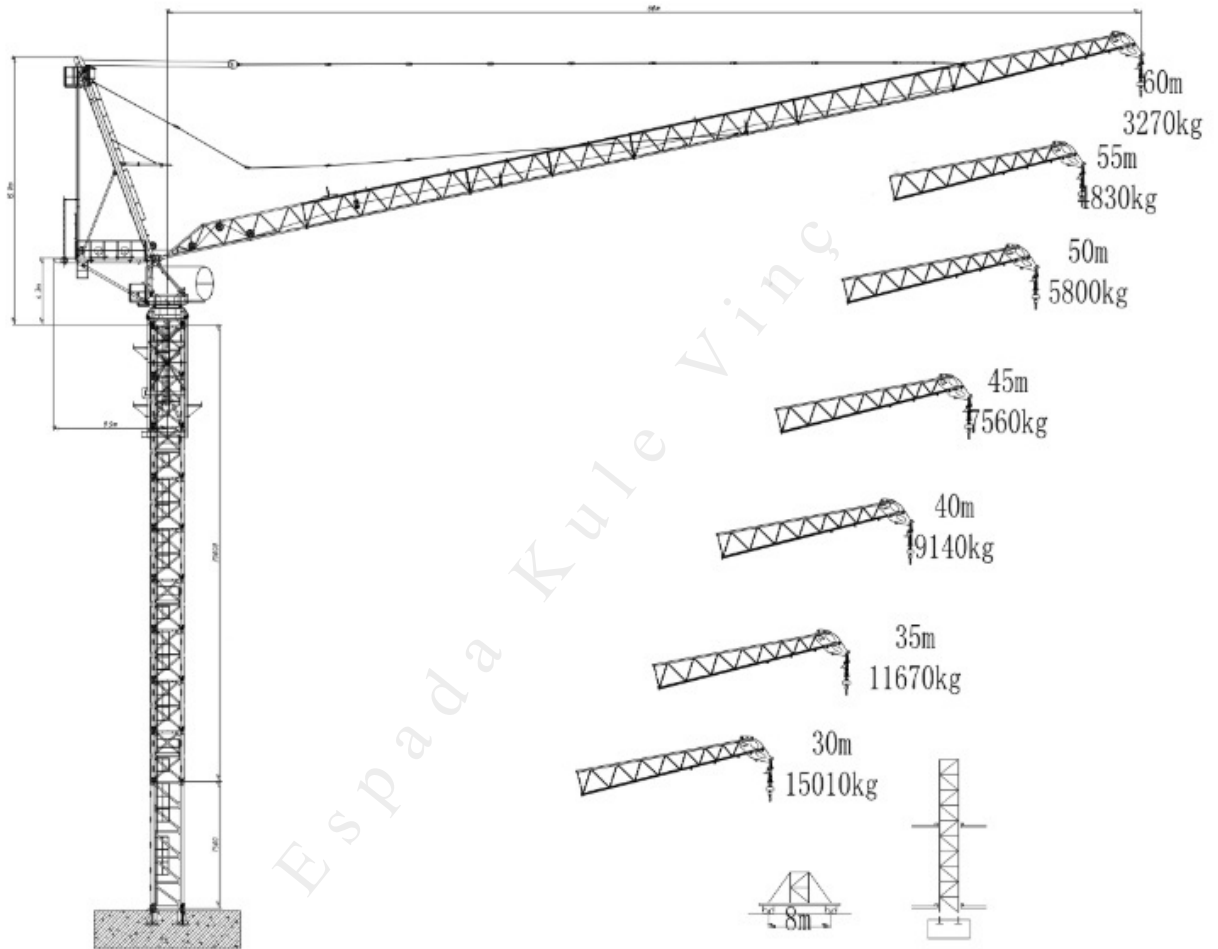
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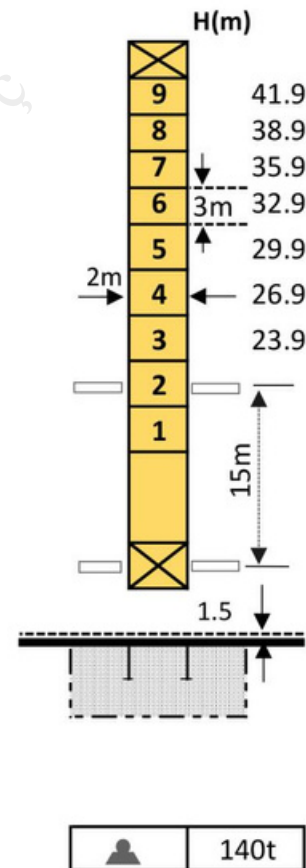
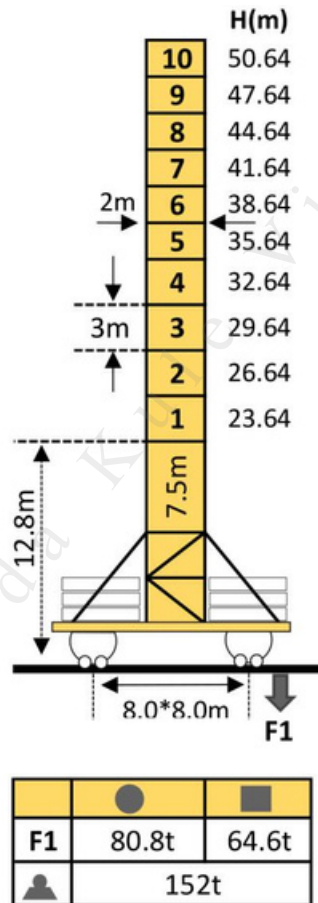
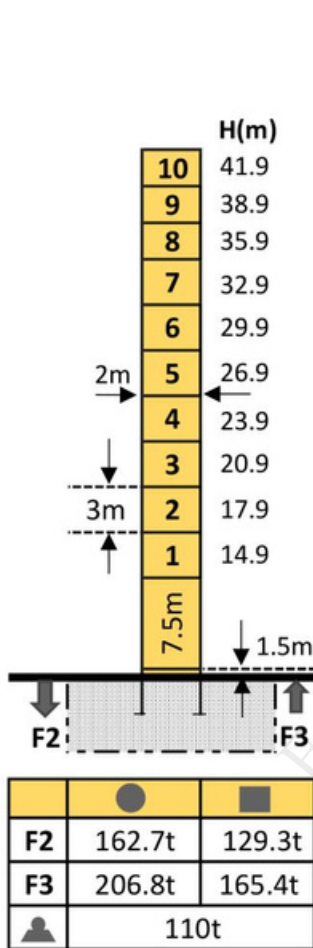
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Mast-Reaction



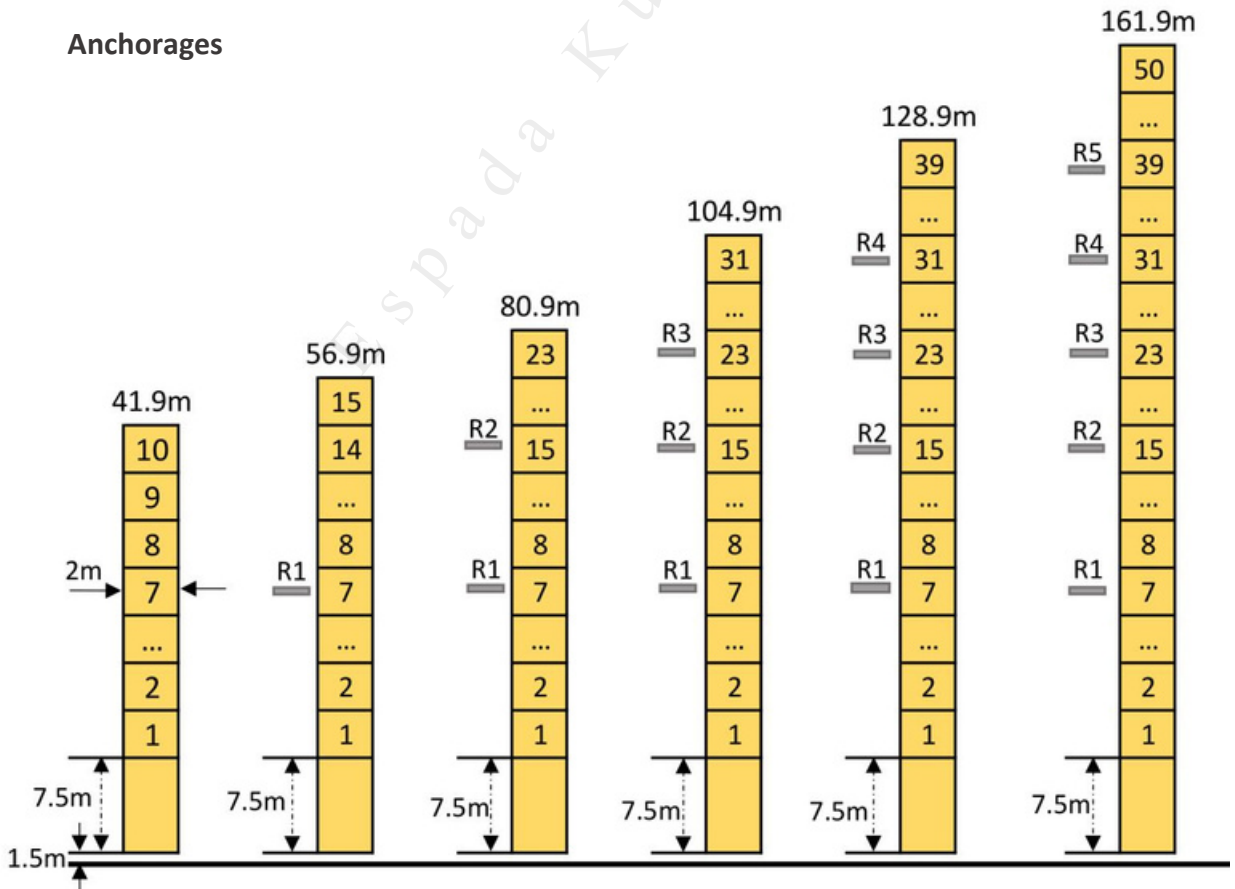
Person Total weight of free standing height(exclude counter weight ballast)
● In service ■ Out of service F Reactions



Loading Diagrams

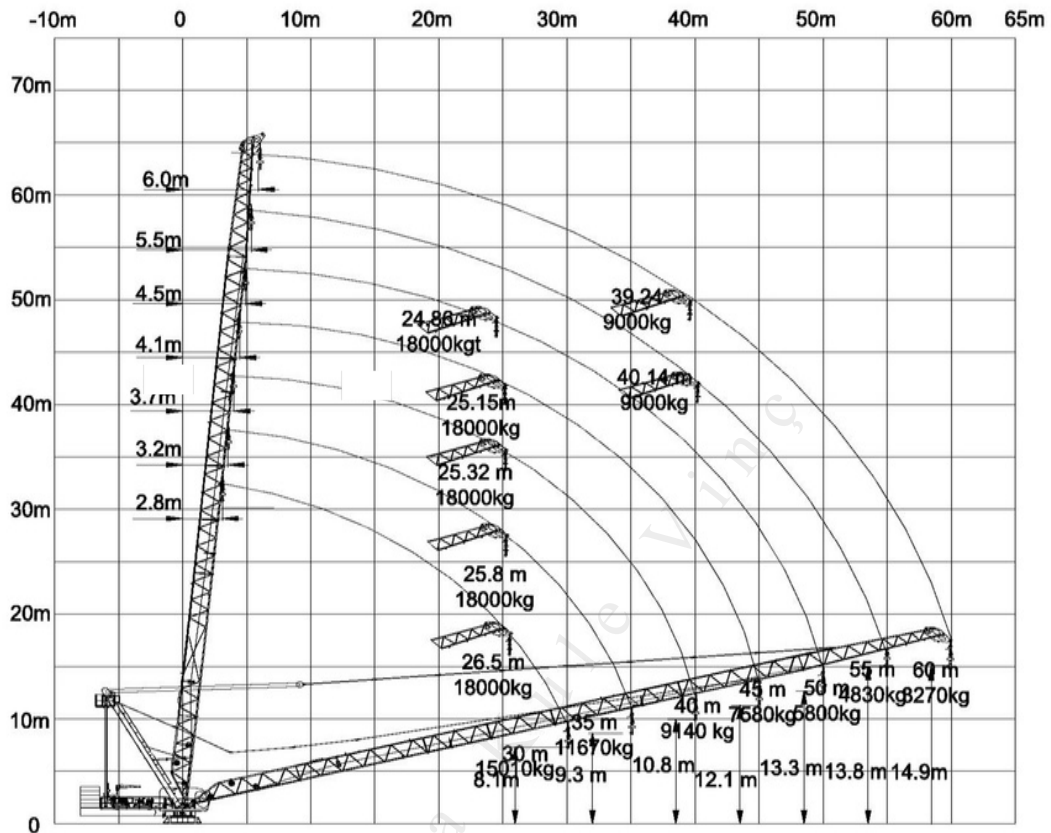
	R(cmax)	C(max)	20.0	25.0	30.0	35.0	40.0	45.0	50.0	55.0	60.0	m
60m	9.00	39.24	9.00	9.00	9.00	9.00	8.69	6.92	5.49	4.31	3.27	t
	—	—	—	—	—	—	—	—	—	—	—	t
55m	9.00	40.14	9.00	9.00	9.00	9.00	9.00	7.29	5.86	4.63		t
	—	—	—	—	—	—	—	—	—	—		t
50m	9.00	40.11	9.00	9.00	9.00	9.00	9.00	7.28	5.80			t
	18.00	24.66	18.00	17.86	13.75	10.80	8.58	8.81	5.40			t
45m	9.00	40.98	9.00	9.00	9.00	9.00	9.00	7.56				t
	18.00	25.15	18.00	18.00	14.07	11.13	8.90	7.17				t
40m	9.00	40.00	9.00	9.00	9.00	9.00	9.00					t
	18.00	25.30	18.00	18.00	14.25	11.32	9.14					t
35m	9.00	35.00	9.00	9.00	9.00	9.00						t
	18.00	25.60	18.00	18.00	14.53	11.67						t
35m	9.00	30.00	9.00	9.00	9.00							t
	18.00	26.05	18.00	18.00	15.01							t

Anchorage





Luffing jib



Mechanisms

Items	Mechanisms	Fall	Speed/Hoist weight		Rope	Motor
			M/min	t	Capacity	KW
Hoisting	120QP60H		0-70	6	800m	90
			0-35	12		
			0-23	18		
Luffing	60DVF50C		0~53m/min			50
Slewing	JH13E		0~0.7rpm			2*5.5
Power Supply			380V 50Hz/440V 60Hz			
Necessary Electric Power			162KVA			
Main electrical components: Schneider (Frequency converter, Contactor,Relay)						