



ESPADA

LUFFING TOWER CRANE

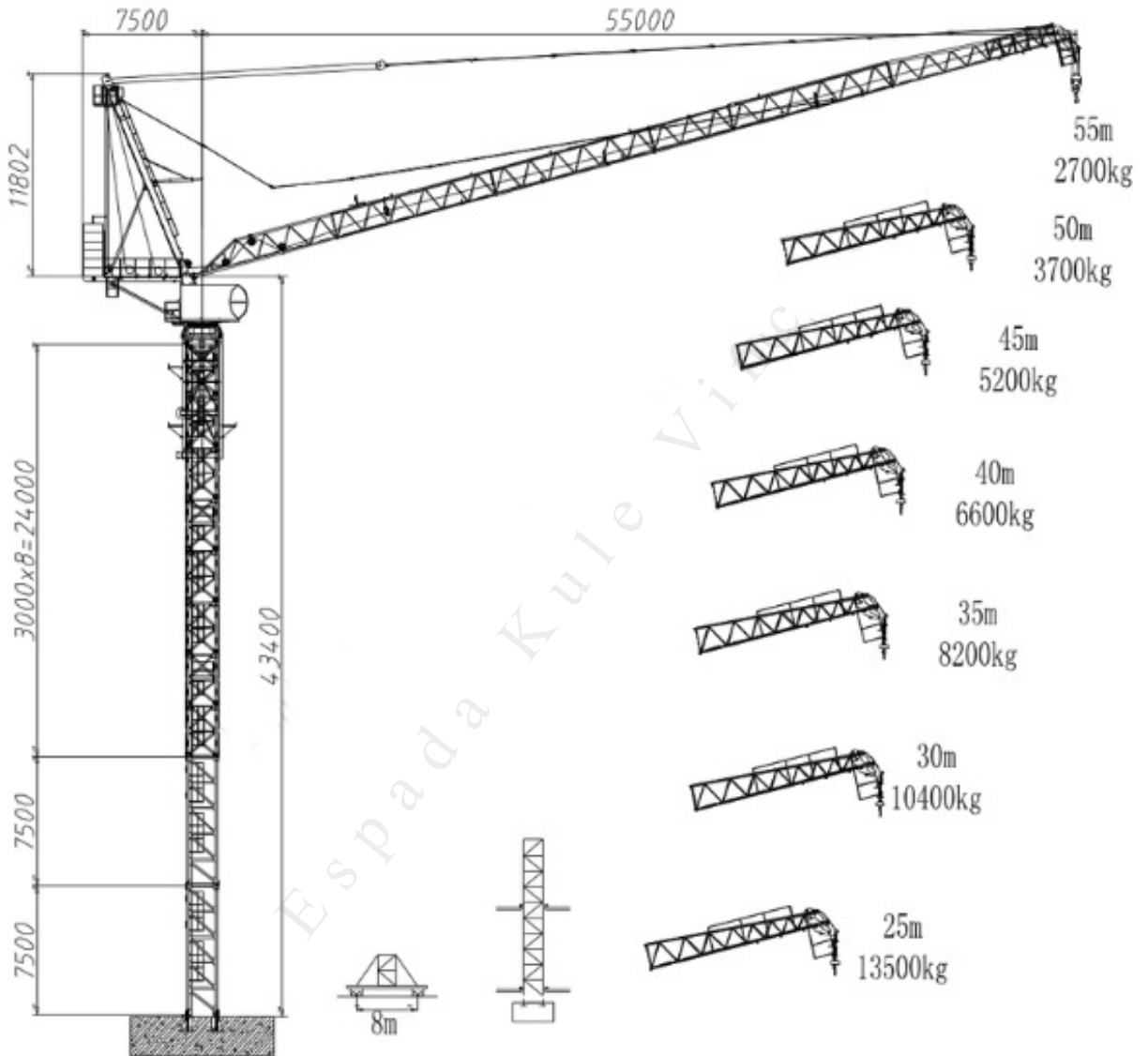
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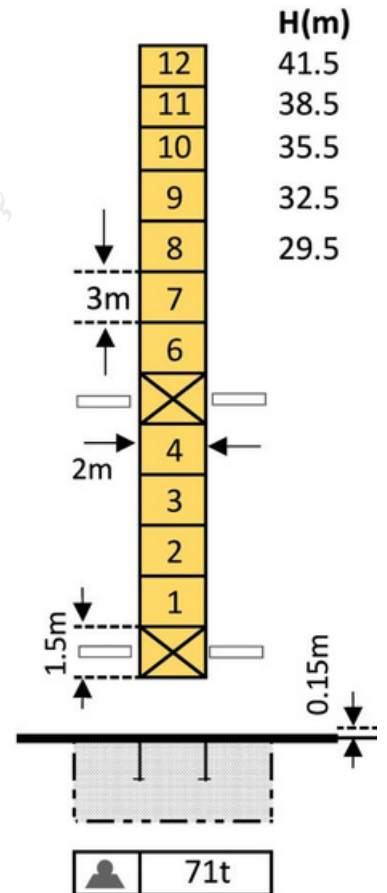
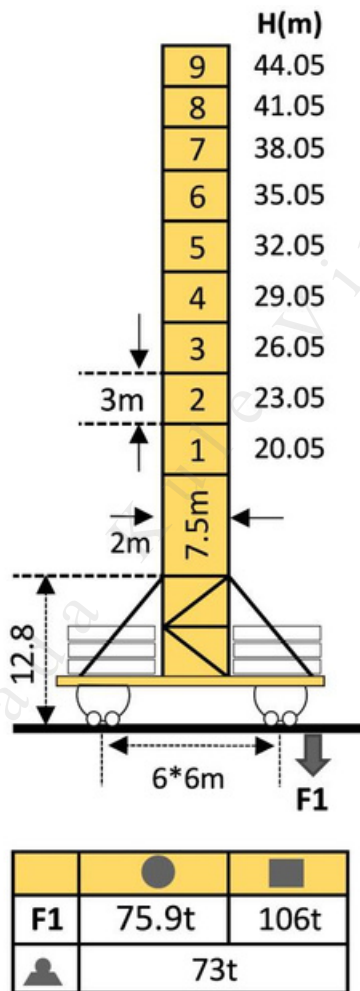
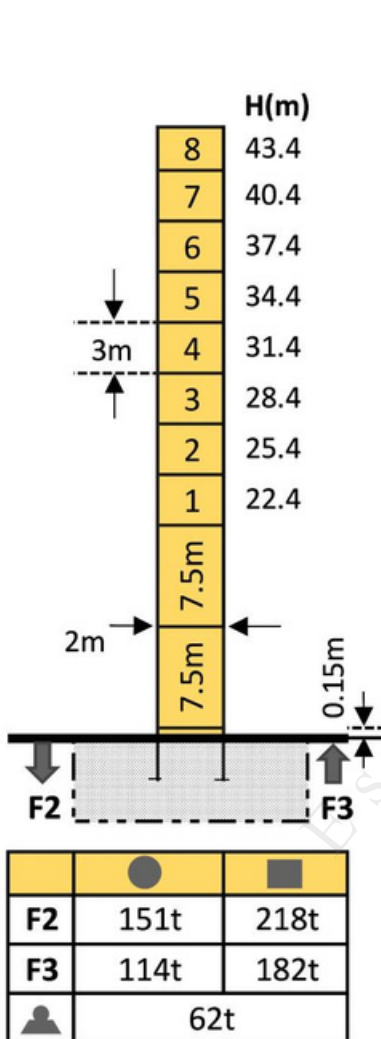
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Mast-Reaction



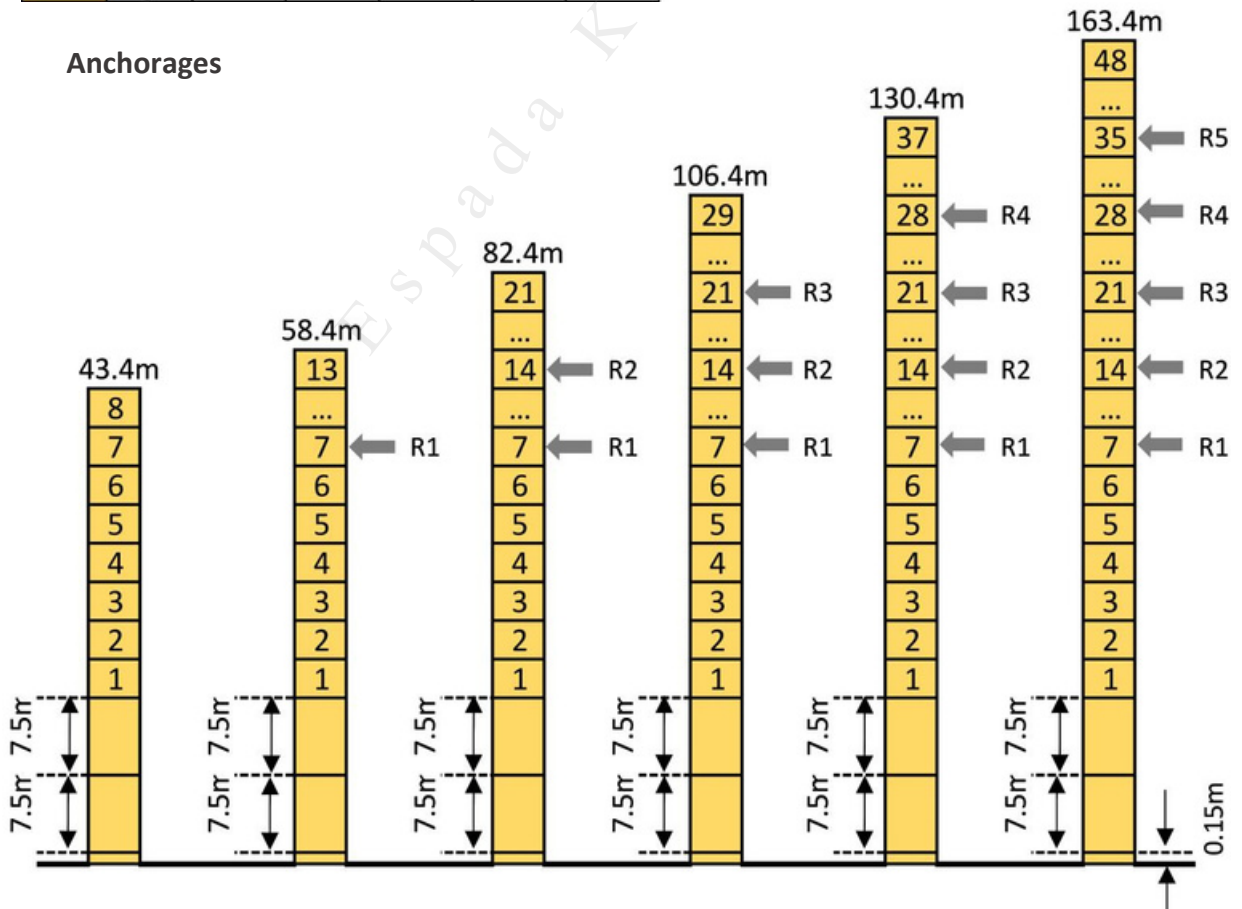
- Total weight of free standing height(exclude counter weight ballast)
● In service ■ Out of service F Reactions



Loading Diagrams

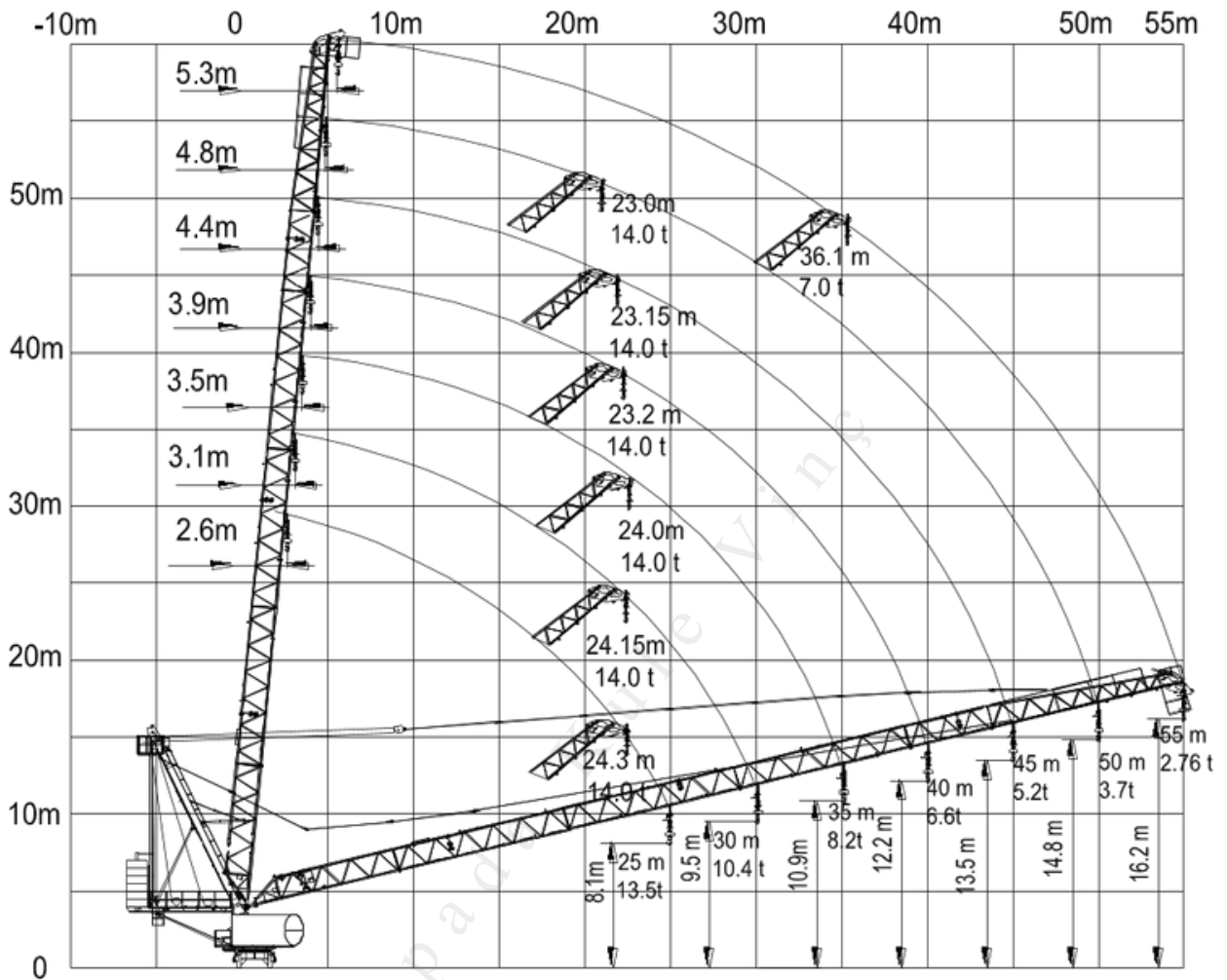
Jib		Max.load		20	23	25	30	35	40	45	50	55
m	Fall	C(max)	R(max)									
55		3500	50.00	3500	3500	3500	3500	3500	3500	3500	3500	2760
		7000	36.10	7000	7000	7000	7000	7000	5890	4620	3600	2700
		—	—	—	—	—	—	—	—	—	—	—
50		3500	50.00	3500	3500	3500	3500	3500	3500	3500	3500	
		7000	36.20	7000	7000	7000	7000	7000	6020	4770	3700	
		14000	23.00	14000	14000	12820	9780	7600	5950	4850	3580	
45		3500	45.00	3500	3500	3500	3500	3500	3500	3500		
		7000	37.80	7000	7000	7000	7000	7000	6350	5200		
		14000	23.15	14000	14000	12670	9850	7810	6260	5050		
40		3500	40.00	3500	3500	3500	3500	3500	3500			
		7000	37.95	7000	7000	7000	7000	7000	6600			
		14000	23.20	14000	14000	12720	9950	7950	6430			
35		3500	35.00	3500	3500	3500	3500	3500				
		7000	35.00	7000	7000	7000	7000	7000				
		14000	24.00	14000	14000	13210	10200	8200				
30		3500	30.00	3500	3500	3500	3500					
		7000	30.00	7000	7000	7000	7000					
		14000	24.15	14000	14000	13300	10400					
25		3500	25.00	3500	3500	3500						
		7000	25.00	7000	7000	7000						
		14000	24.30	14000	14000	13500						

Anchorage





Luffing jib



Mechanisms

Items	Mechanisms	Speed/Hoist weight						Rope Capacity	Motor(KW)
		M/min	t	M/min	t	M/min	t		
Hoisting	75QP35HS-G1							700m	55
		0-76	3.5	0-38	7.0	0-19	14.0		
				0-76	3.5	0-38	7.0		
Luffing	60LP45HZSS-C5	0-50m/min							45
Slewing	JH13E	0~0.7rpm							2*5.5
Power Supply		380V 50Hz/440V 60Hz							
Main electrical components: Schneider (Frequency converter, Contactor,Relay)									