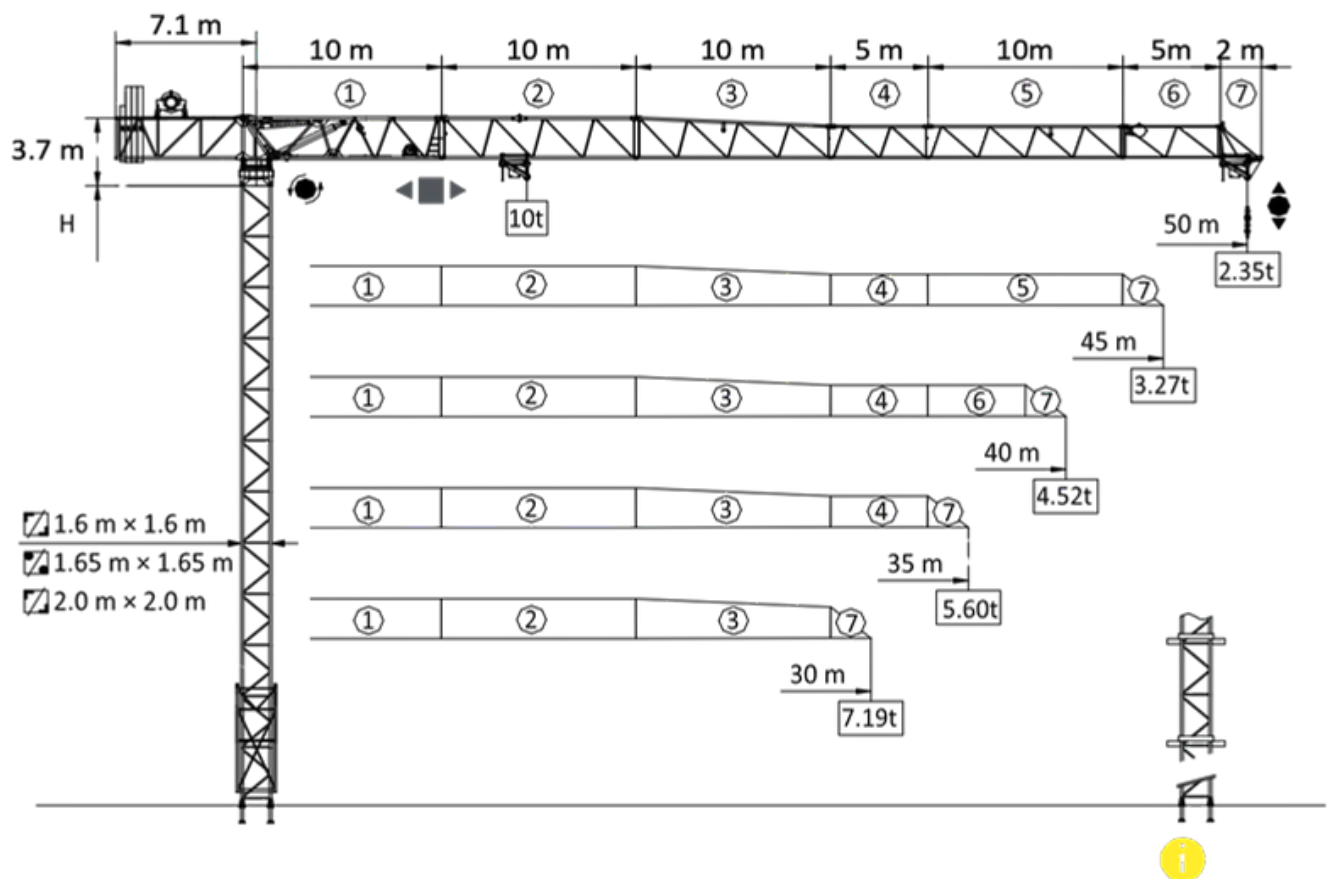


Technical drawing of a crane structure, showing dimensions and load capacities. The drawing includes a vertical mast, a horizontal jib, and a counterweight system. Key dimensions and loads are as follows:

- Vertical Mast:** Height is 3.7 m. A horizontal section is 7.1 m wide.
- Horizontal Jib:** Total length is 22.0 m. It is divided into segments of 10 m, 10 m, 5 m, 10 m, and 5 m. A 10t load is shown at the end of the 22.0 m section.
- Counterweight System:** A 2.65t counterweight is shown at the end of the jib. A 50 m vertical distance is indicated between the counterweight and the jib.
- Load Capacities:** The jib is divided into segments labeled 1 through 7. The load capacities for these segments are: 10t, 10t, 10t, 10t, 10t, 10t, and 10t.
- Dimensions:** The jib is 2.0 m wide. The counterweight is 2.65t. The vertical distance between the counterweight and the jib is 50 m.
- Legend:**
 - 1.6 m x 1.6 m
 - 1.65 m x 1.65 m
 - 2.0 m x 2.0 m

RL165-10 10T Tower Crane

Trolleying mode



Load diagram - Luffing mode (excl. trolley)

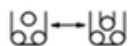


Height (m)	Configuration	m / t	12.5	15.0	17.5	20.0	22.5	25.0	27.5	30.0	32.5	35.0	37.5	40.0	42.5	45.0	47.5	50.0
50	1	4.32 ~ 35.6/5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	4.57	4.08	3.65	3.27	2.93	2.65
	2	4.32 ~ 27.2/7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.38	6.48	5.71	5.06	4.50	4.01	3.58	3.20	2.87	2.60
	3	4.32 ~ 22.0/10.0	10.00	10.00	10.00	10.00	9.72	8.39	7.30	6.40	5.63	4.98	4.42	3.93	3.51	3.14	2.81	2.55
45	1	4.01 ~ 37.3/5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	4.96	4.43	3.96	3.57		
	2	4.01 ~ 28.7/7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.01	6.19	5.49	4.88	4.36	3.90	3.52		
	3	4.01 ~ 23.3/10.0	10.00	10.00	10.00	10.00	10.00	9.08	7.91	6.94	6.11	5.41	4.81	4.29	3.84	3.47		
40	1	3.89 ~ 39.1/5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	4.83				
	2	3.89 ~ 29.5/7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.33	6.53	5.85	5.26	4.77				
	3	3.89 ~ 23.8/10.0	10.00	10.00	10.00	10.00	10.00	9.36	8.21	7.26	6.46	5.78	5.20	4.72				
35	1	3.68 ~ 35.0/5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00						
	2	3.68 ~ 29.9/7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.47	6.64	5.95						
	3	3.68 ~ 24.2/10.0	10.00	10.00	10.00	10.00	10.00	9.58	8.39	7.41	6.58	5.90						
30	1	3.37 ~ 30.0/5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00									
	2	3.37 ~ 30.0/7.50	7.50	7.50	7.50	7.50	7.50	7.50	7.50									
	3	3.37 ~ 24.3/10.0	10.00	10.00	10.00	10.00	10.00	9.61	8.44	7.49								

RL165-10

10T Tower Crane

Load diagram - Trolleying mode



 m		m / t	12.5	15.0	17.5	20.0	22.5	25.0	27.5	30.0	32.5	35.0	37.5	40.0	42.5	45.0	47.5	50.0
50		2.5 ~ 26.8/5.00	5.00	5.00	5.00	5.00	5.00	5.00	4.86	4.40	4.01	3.67	3.38	3.12	2.90	2.69	2.51	2.35
		2.5 ~ 13.9/10.0	10.00	9.26	7.87	6.81	5.98	5.31	4.76	4.30	3.91	3.57	3.28	3.02	2.80	2.59	2.41	2.25
45		2.5 ~ 31.3/5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	4.80	4.40	4.06	3.77	3.50	3.27		
		2.5 ~ 16.3/10.0	10.00	10.00	9.31	8.07	7.11	6.33	5.69	5.15	4.70	4.30	3.96	3.67	3.40	3.17		
40		2.5 ~ 36.6/5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	4.87	4.52				
		2.5 ~ 19.2/10.0	10.00	10.00	10.00	9.56	8.44	7.53	6.78	6.16	5.63	5.17	4.77	4.42				
35		2.5 ~ 35.0/5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00						
		2.5 ~ 20.6/10.0	10.00	10.00	10.00	10.00	9.11	8.13	7.33	6.66	6.09	5.60						
30		2.5 ~ 30.0/5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00								
		2.5 ~ 22.1/10.0	10.00	10.00	10.00	10.00	9.81	8.77	7.91	7.19								

Luffing mode (excl. trolley)

380V(±10%)50Hz									kW	
	H37FC25-530B	t	1.25	2.5	5	2.	5	10	37	530m 
		m/min	95	76	38	47.5	38	19		
	S110CA-180.235LC14/15(M)	r/min	0~0.7						11	
	T55FC70-b(D)	m/min	0~75						5.5	
	YG290/250	min	2(10°-87°)						30	
			78kW							