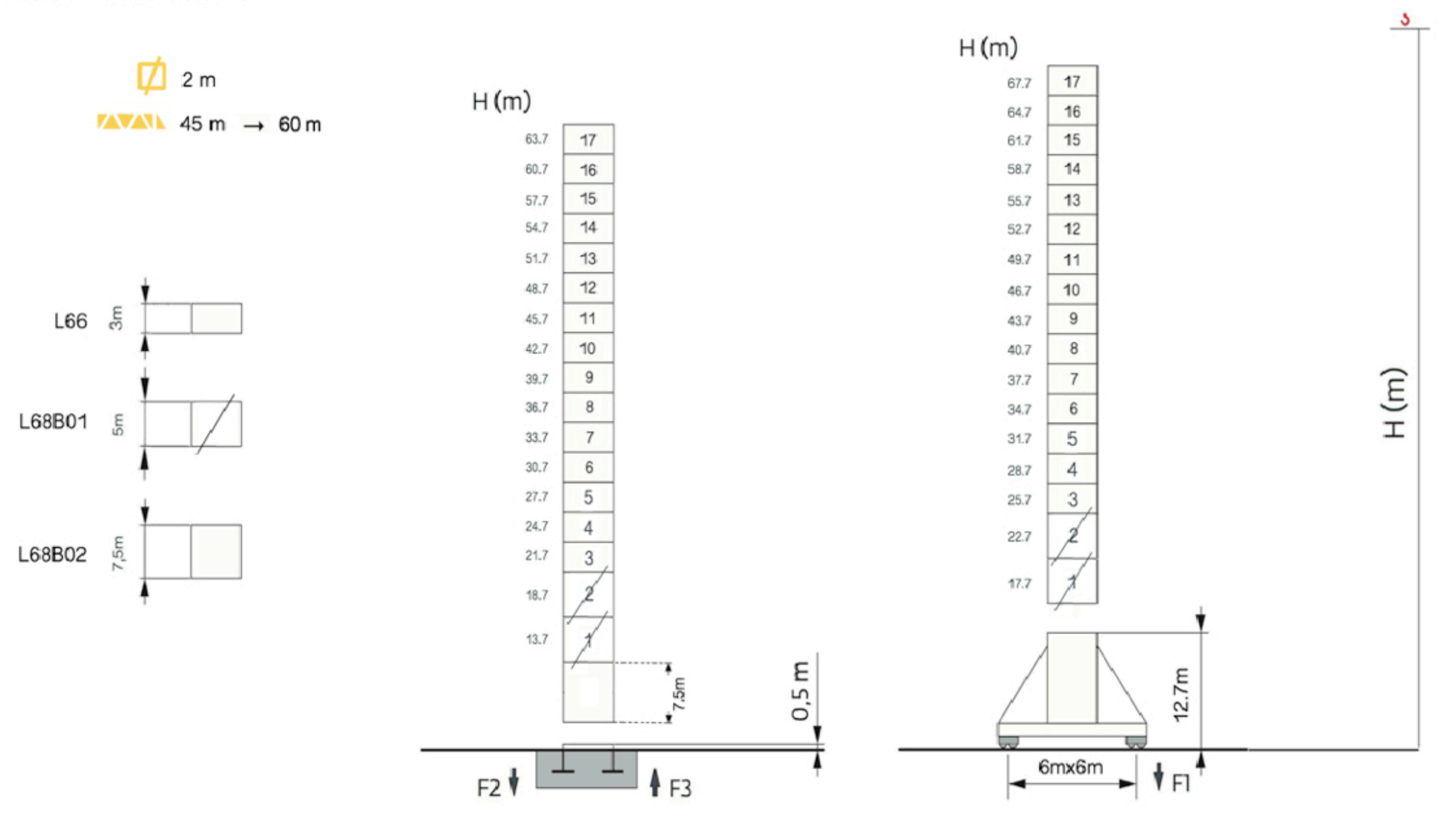
TOWERWORK

LS170 60

Mast - Reactions



Load Diagrams

60m		2.5 ▶ 13.4	16	18	20	22	24	26	28	30	32	34	36	38	40	42	44	46	48	50	52	54	56	58	60	m
		10	8.21	7.21	6.41	5.75	5.21	4.74	4.35	4	3.70	3.44	3.2	2.99	2.8	2.63	2.47	2.33	2.2	2.08	1.98	1.88	1.78	1.71	1.65	t
		5						4.82	4.43	4.08	3.78	3.52	3.28	3.07	2.88	2.71	2.55	2.33	2.28	2.16	2.05	1.94	1.85	1.76	1.7	t

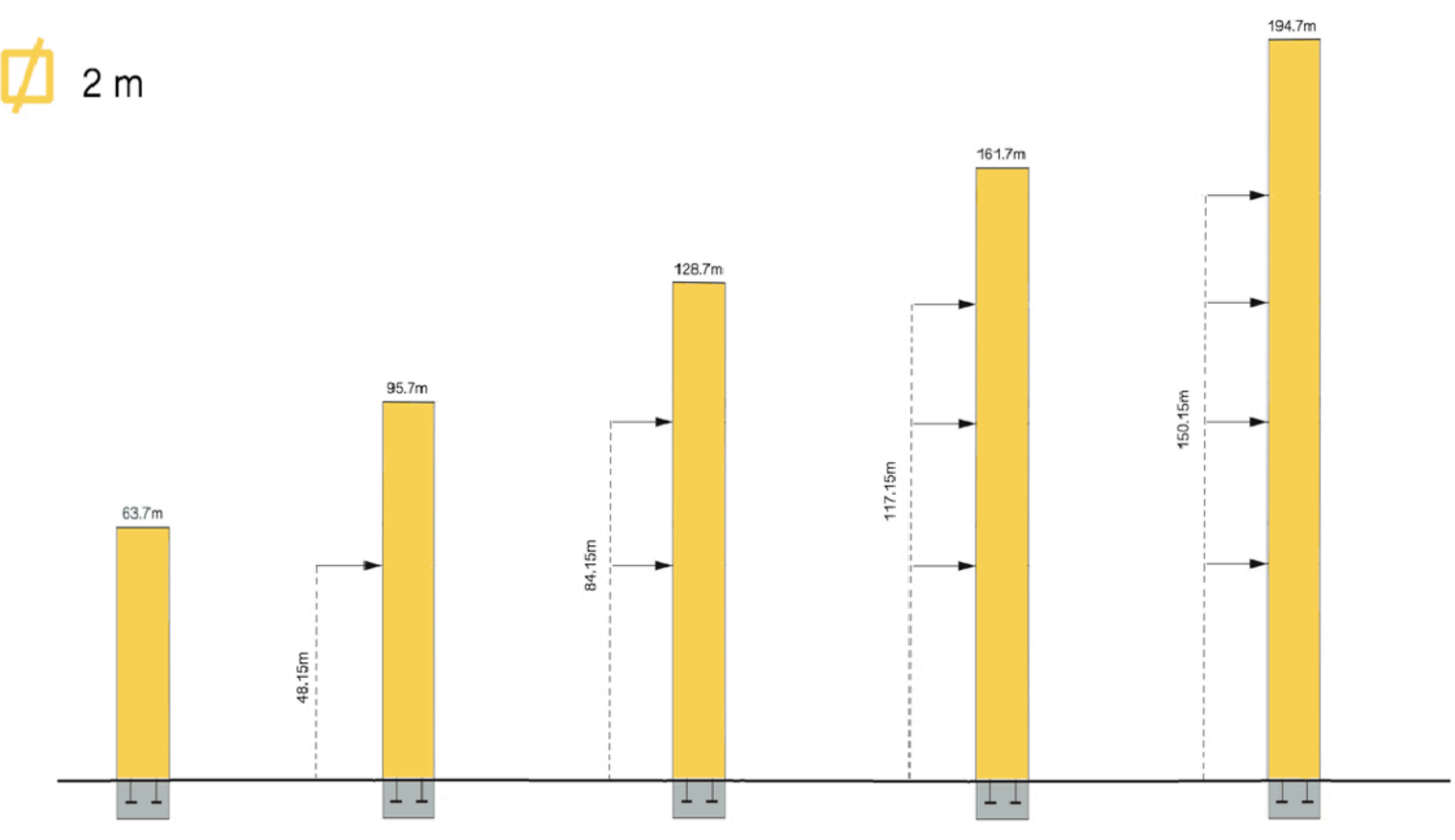
55m		2.5 ▶ 14.3	16	18	20	22	24	26	28	30	32	34	36	38	40	42	44	46	48	50	52	55	m
		10	8.84	7.77	6.91	6.21	5.62	5.13	4.7	4.33	4.01	3.73	3.48	3.25	3.05	2.86	2.7	2.61	2.54	2.28	2.16	2	t
		5							4.78	4.41	4.09	3.81	3.56	3.33	3.13	2.94	2.78	2.7	2.62	2.36	2.24	2.08	t

50m		2.5 ▶ 14.3	16	18	20	22	24	26	28	30	32	34	36	38	40	42	44	46	48	50	m
		10	8.9	7.82	6.96	6.25	5.66	5.16	4.74	4.37	4.04	3.76	3.5	3.22	3.01	2.89	2.72	2.57	2.42	2.3	t
		5							4.82	4.45	4.12	3.84	3.55	3.32	3.14	2.97	2.8	2.65	2.5	2.38	t

45m		2.5 ▶ 14	16	18	20	22	24	26	28	30	32	34	36	38	40	42	45	m
		10	8.69	7.63	6.79	6.09	5.51	4.94	4.6	4.24	3.92	3.64	3.39	3.13	2.98	2.79	2.63	t
		5							4.68	4.32	4	3.72	3.47	3.21	3.02	2.87	2.55	t

Anchorages

2 m

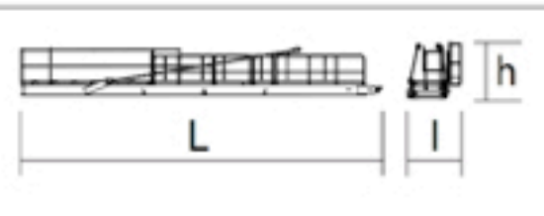
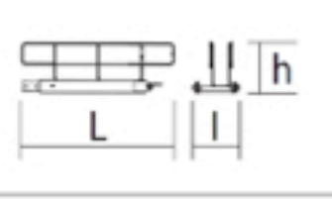
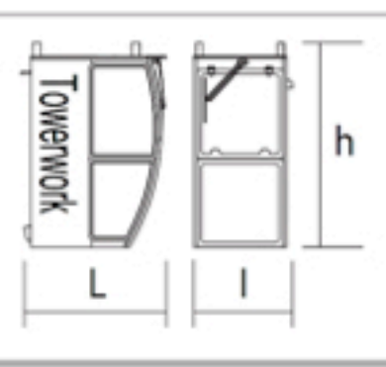
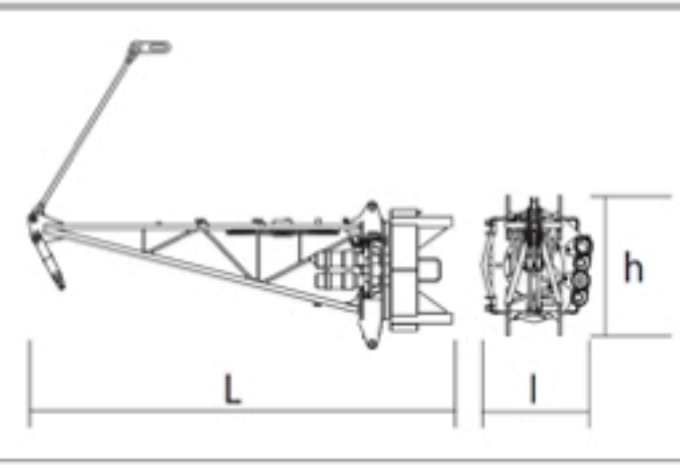
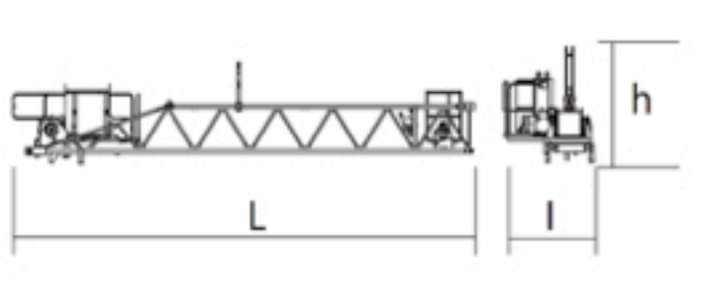
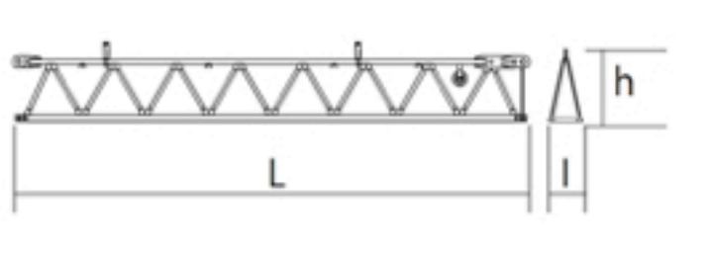
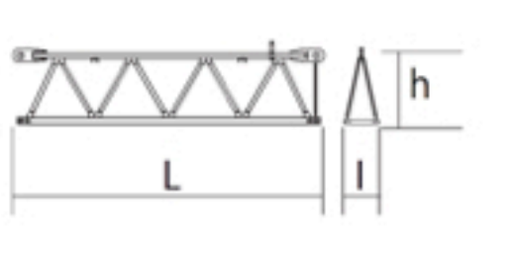
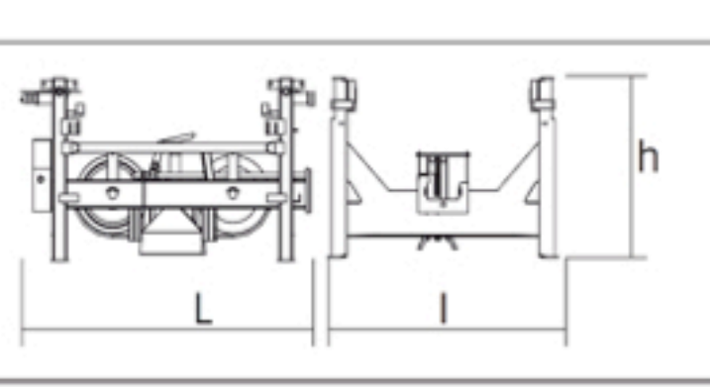
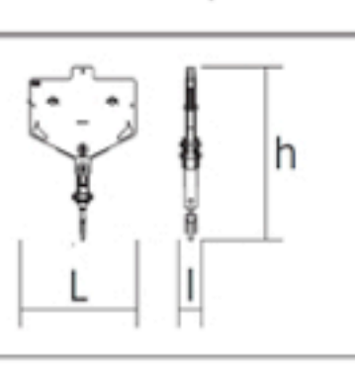


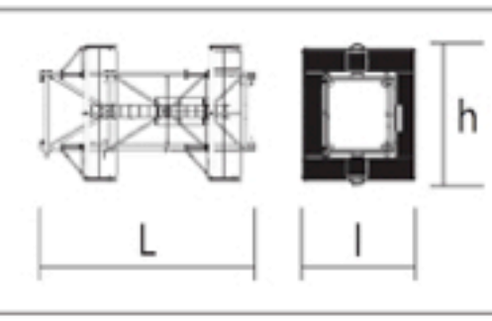
Mechanisms

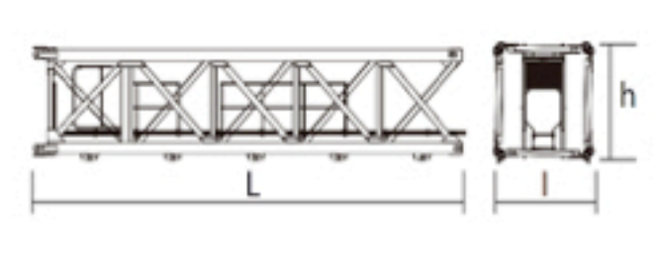
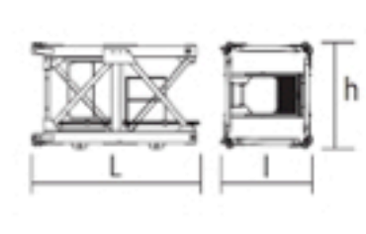
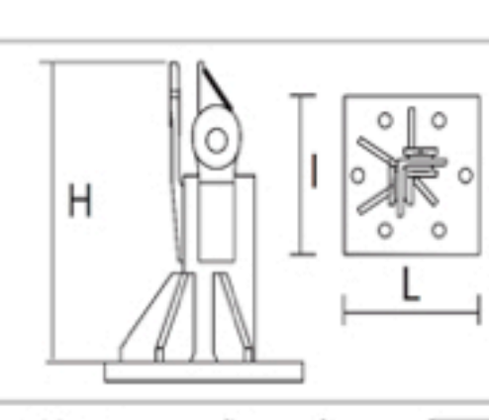
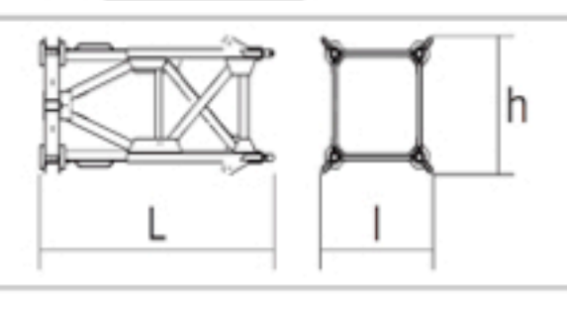
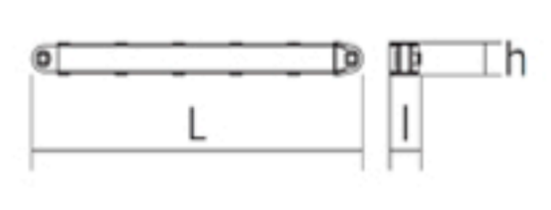
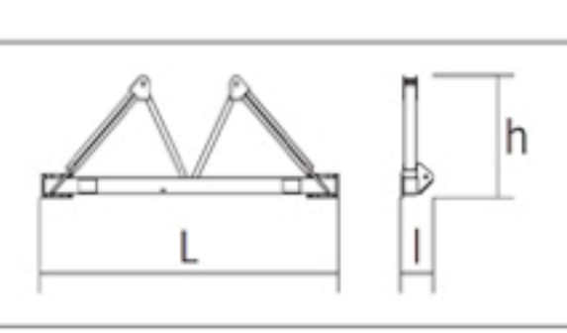
400 V - 50 Hz							hp	kW	
	Hoisting	m/min	0 → 42	0 → 85	0 → 21	0 → 42	53.3	45	500m
		t	5	2.5	10	5			
	Trolleying	m/min	0 → 58					5.5	
	Slewing	rpm	0 → 0.8				2 x 5.5	2 x 5.5	
	Travelling	2 m	20				4 x 4.6	4 x 3.4	

Main Supply	IEC 38 / CEI 38	400 V (+6% -10%) 50 Hz
Necessary Electric Power	81.1kW	

Dimensions and Weight

Slewing crane part	60 m - 60LVF		**L (m)**	**l (m)**	**h (m)**	**kg (+/- 5%)**
Counter-jib			6.83	2.60	1.50	1080
			6.75	1.56	1.50	1125
Cab			2.30	1.40	2.24	385
Cathead			11.90	2.68	2.5	8475
Jib section		①	10.18	1.62	1.77	1600
Jib section		② ④ ⑤	10,19 10.19 10.19	1,48 1.48 1.48	1,63 1.61 1.61	1090 840 750
Jib section		③ ⑥ ⑦ ⑧ ⑨	5,19 5,19 5,19 5,19 0.90	1,48 1,48 1,48 1,48 1,75	1,61 1,32 1,32 1,32 1,55	465 390 365 365 105
Trolley		8 t 4 t	1.90	1.80	0.74	415
Pulley block		8 t 4 t	1.17	0.26	1.29	360

Telescoping equipment			**L (m)**	**l (m)**	**h (m)**	**kg (+/- 5%)**
Telescopic cage		2m	7.26	4.30	4.30	6650

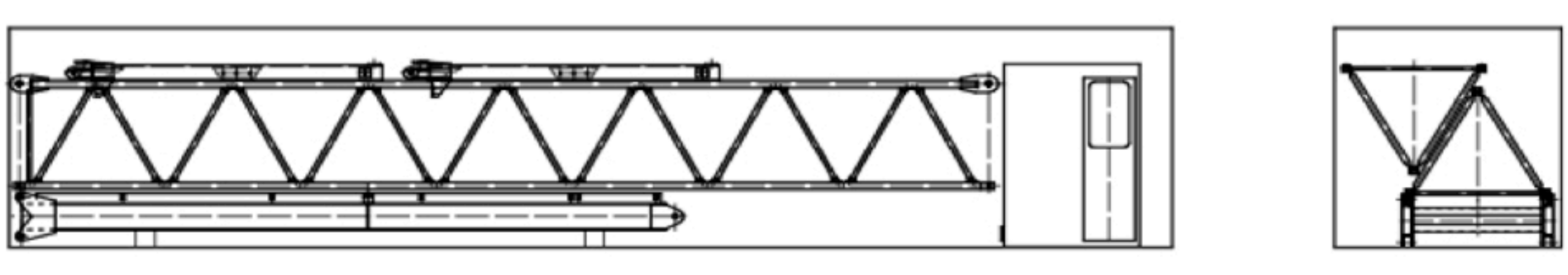
Masts						
		2 m	7,76	2,08	2,1	4345
L 66 A2 L 68 B2		2 m 2 m	3,26 3,26	2,08 2,08	2,1 2,1	1235 1335
Crane bases						
Fixing angles			0.76 1.19	0.6 0.6	0.6 0,6	225 285
Basic mast unit			4.82	2.43	2.43	4165
Struts			4.51	0.26	0,27	380
Half-bearer			6.7	0.70	2.31	1725

Shipping

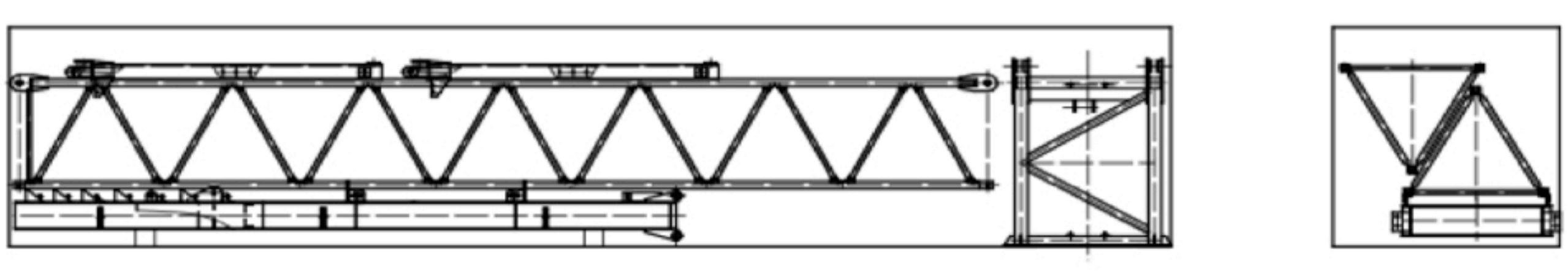
x 6

x 4

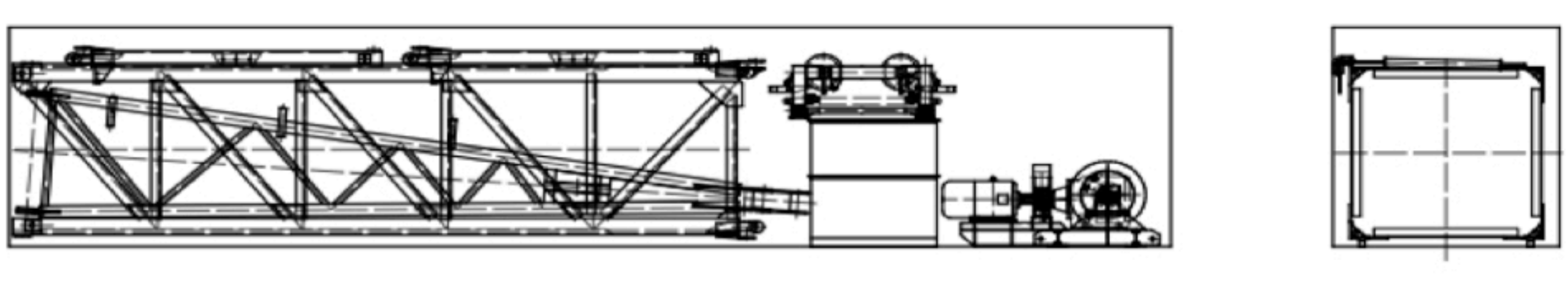
1#40HQ



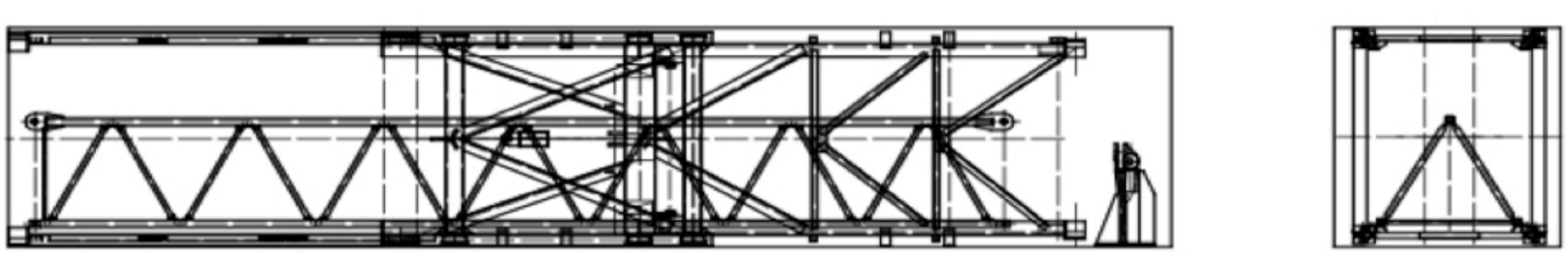
2#40HQ



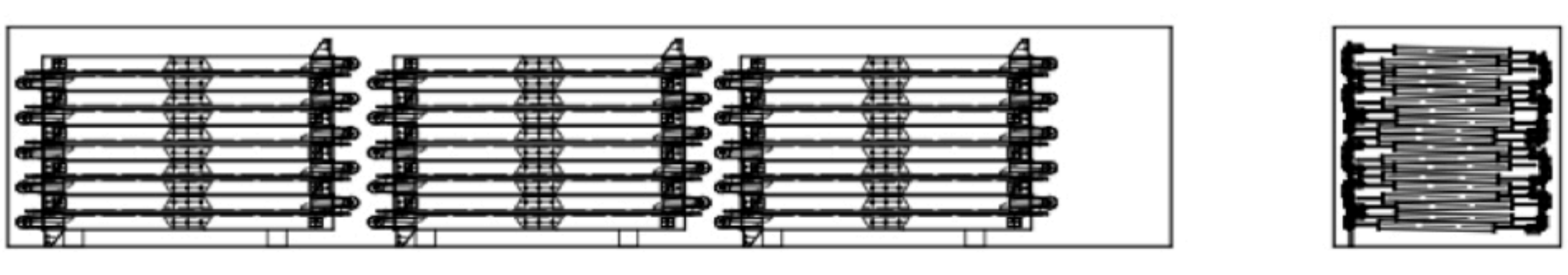
3#40HQ



4#40HQ



5#40HQ



6#40HQ