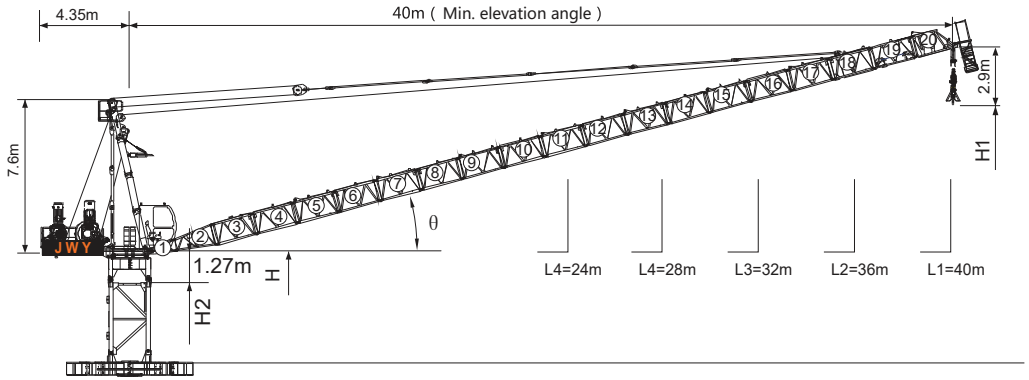
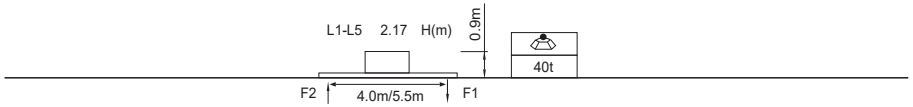


L(m)			H1 [m]			Counter weight		
			● 15	● 85	■ 65	A	B	[kg]
L1	40	1+2+3+(4~17)+18+19+20	H+7.8	H+37.0	H+33.4	8	-	4000
L2	36	1+2+3+(4~15)+18+19+20	H+6.7	H+32.9	H+29.6	8	-	4000
L3	32	1+2+3+(4~13)+18+19+20	H+5.7	H+28.8	H+25.9	8	-	4000
L4	28	1+2+3+(4~11)+18+19+20	H+4.6	H+24.7	H+22.1	8	-	4000
L5	24	1+2+3+(4~9)+18+19+20	H+3.6	H+21.8	H+18.4	8	-	4000

①	1.175	②	2.0	③	2.0	④⑥⑧⑩⑫⑭⑯	2.07	A= 500 kg
⑱	2.07	⑲	2.07	⑳	2.06	⑤⑦⑨⑪⑬⑮⑰	2.07	B= - kg

Jib root hinge height



H20 ⊿1.95m		
	H	Jib root hinge height (not include the fixing angle)
	H1	Height under hook
	H2	Tower body height: H2 = [H - 1.27m]

Total weight of free standing height (excludes counter weight and ballast)
Total weight of counter weight
Please consult with us in case higher freestanding height needed.

● In service
■ Out of service
F Reactions
Please refer to the user manual for reaction force

Load diagrams

R	falls	R(C$_{MAX}$)	C$_{MAX}$	m	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40
40m		4.6~24.3 [54.7]	10	t	10.0	10.0	10.0	10.0	10.0	10.0	10.0	9.05	8.02	7.13	6.35	5.67	5.05	4.50	4.00
		4.6~18.3 [64.6]	15	t	15.0	15.0	15.0	15.0	13.33	11.65	10.24	9.05	8.02	7.13	6.35	5.67	5.05	4.50	4.00
		4.6~14.7 [70.2]	20	t	20.0	20.0	17.97	15.39	13.33	11.65	10.24	9.05	8.02	7.13	6.35	5.67	5.05	4.50	4.00
36m		4.2~24.6 [49.2]	10	t	10.0	10.0	10.0	10.0	10.0	10.0	10.0	9.18	8.15	7.26	6.48	5.78	5.16		
		4.2~18.4 [61.2]	15	t	15.0	15.0	15.0	15.0	13.47	11.78	10.37	9.18	8.15	7.26	6.48	5.78	5.16		
		4.2~14.8 [67.7]	20	t	20.0	20.0	18.11	15.53	13.47	11.78	10.37	9.18	8.15	7.26	6.48	5.78	5.16		
32m		3.8~25.1 [41.0]	10	t	10.0	10.0	10.0	10.0	10.0	10.0	10.0	9.53	8.5	7.61	6.82				
		3.8~18.8 [56.2]	15	t	15.0	15.0	15.0	15.0	13.83	12.14	10.73	9.53	8.5	7.61	6.82				
		3.8~15.0 [64.0]	20	t	20.0	20.0	18.47	15.89	13.83	12.14	10.73	9.53	8.5	7.61	6.82				
28m		3.6~25.8 [27.2]	10	t	10.0	10.0	10.0	10.0	10.0	10.0	10.0	9.88	8.85						
		3.6~19.1 [49.5]	15	t	15.0	15.0	15.0	15.0	14.19	12.49	11.08	9.88	8.85						
		3.6~15.2 [59.4]	20	t	20.0	20.0	18.84	16.25	14.19	12.49	11.08	9.88	8.85						
24m		3.2~24.0 [15.0]	10	t	10.0	10.0	10.0	10.0	10.0	10.0	10.0								
		3.2~19.6 [38.2]	15	t	15.0	15.0	15.0	15.0	14.65	12.96	11.53								
		3.2~15.5 [52.5]	20	t	20.0	20.0	19.31	16.73	14.65	12.96	11.53								

Mechanisms

	100LVF50KL		m/min	0~44	0~88	75kW
			t	8.0	4.0	
			m/min	0~29.3	0~58.6	
			t	12.0	6.0	1000m
			m/min	0~22	0~44	>1000m※
			t	16.0	8.0	
	120LVF50KL-P		m/min	0~45	0~90	90kW
			t	8.0	4.0	
			m/min	0~30	0~60	
			t	12.0	6.0	1200m
			m/min	0~22.5	0~45	>1200m※
			t	16.0	8.0	
	75VVF40KL	15~80		1min40s		55kW
	RCV95	rpm		0~0.8		2x5.5kW
	380V 50Hz(±5%) 380V 60Hz(±5%) 440V 60Hz(±5%)			100LVF50KL 170kVA 120LVF50KL-P 185kVA		kVA

※ Please consult us △ Option