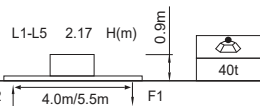


L(m)	Diagram	H1[m]			Counter weight		
		● 15	● 85	■ 65	A	B	kg
L1 40	1+2+3+(4~17)+18+19+20	H+7.8	H+37.0	H+33.4	8	-	4000
L2 36	1+2+3+(4~15)+18+19+20	H+6.7	H+32.9	H+29.6	8	-	4000
L3 32	1+2+3+(4~13)+18+19+20	H+5.7	H+28.8	H+25.9	8	-	4000
L4 28	1+2+3+(4~11)+18+19+20	H+4.6	H+24.7	H+22.1	8	-	4000
L5 24	1+2+3+(4~9)+18+19+20	H+3.6	H+21.8	H+18.4	8	-	4000
① 1.175	② 2.0	③ 2.0	④ ⑥ ⑧ ⑩ ⑫ ⑭ ⑯	⑮ 2.07	A= 500 kg B= - kg		
⑱ 2.07	⑳ 2.06	㉑ 2.06	㉒ ⑤ ⑦ ⑨ ⑪ ⑬ ⑮ ⑰	㉓ 2.07			

**Jib root hinge height**



H20	H	Jib root hinge height ( not include the fixing angle)	● In service
1.95m	H1	Height under hook	■ Out of service
	H2	Tower body height: H2 = [ H - 1.27m ]	F Reactions
		⚖ Total weight of free standing height (excludes counter weight and ballast)	Please refer to the user manual for reaction force
		⚖ Total weight of counter weight	
Please consult with us in case higher freestanding height needed.			

**Load diagrams**

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

※ Please consult us      △ Option