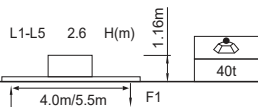


L(m)	Diagram	H1[m]			Counter weight		
		● 15	● 85	■ 65	A	B	kg
L1 40	1+2+3+(4~17)+18+19+20	H+7.8	H+37.0	H+33.4	8	-	4000
L2 36	1+2+3+(4~15)+18+19+20	H+6.7	H+32.9	H+29.6	8	-	4000
L3 32	1+2+3+(4~13)+18+19+20	H+5.7	H+28.8	H+25.9	8	-	4000
L4 28	1+2+3+(4~11)+18+19+20	H+4.6	H+24.7	H+22.1	8	-	4000
L5 24	1+2+3+(4~9)+18+19+20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

**Jib root hinge height**



L68B2	H	Jib root hinge height ( not include the fixing angle)	● In service
2.0m	H1	Height under hook	■ Out of service
	H2	Tower body height: H2 = [ H - 1.43m ]	F Reactions

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.

Please refer to the user manual for reaction force

**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
		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		
	120LVF50KL-P		m/min	0 ~ 45	0 ~ 90	90kW	
			t	8.0	4.0		
			m/min	0 ~ 30	0 ~ 60		
	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