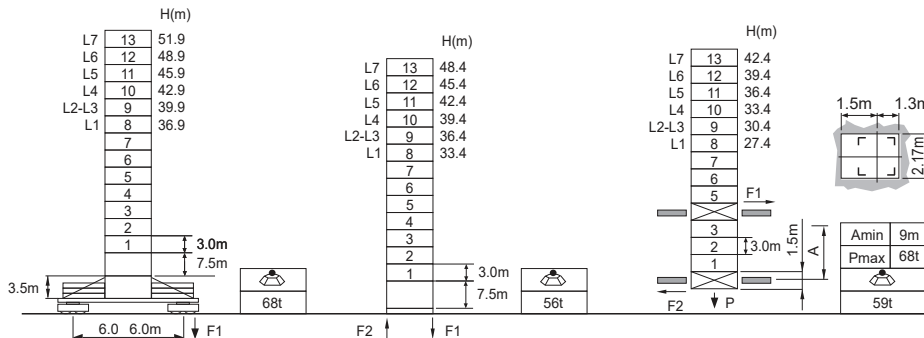


L(m)	Diagram	H1[m]			Counter weight		
		● 15	● 85	■ 65	A	B	kg
L1 55	1+2+3+4+5+6+7+8+9	H+12.0	H+54.5	H+49.3	1	3	20000
L2 50	1+2+3+5+6+7+8+9	H+10.7	H+49.5	H+44.6	1	3	20000
L3 45	1+2+3+5+6+8+9	H+9.4	H+44.3	H+39.9	1	3	20000
L4 40	1+2+3+6+7+9	H+8.0	H+39.2	H+35.2	1	3	20000
L5 35	1+2+3+6+9	H+6.7	H+34.0	H+30.5	1	3	20000
L6 30	1+2+3+9	H+5.4	H+28.9	H+25.8	1	3	20000
L7 25	1+2+9	H+4.1	H+23.7	H+21.1	1	3	20000

①	②	③	④	⑤	⑥	⑦	⑧	⑨	⑩	⑪	⑫
10.0	10.0	5.175	5.175	5.175	5.175						
5.175	5.175	6.42									

A=5000kg  
B=5000kg

**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 - 1.93m ]	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

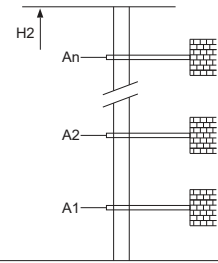
**Load diagrams**

R falls	R(C <sub>MAX</sub> )	C <sub>MAX</sub>	m	20	22	25	27	30	32	35	37	40	42	45	47	50	52	55
55m	4.4~31.4 [ 56.2 ]	7	t	7.0	7.0	7.0	7.0	7.0	6.8	5.8	5.3	4.6	4.1	3.6	3.3	2.8	2.5	2.2
50m	4.1~32.0 [ 51.5 ]	7	t	7.0	7.0	7.0	7.0	7.0	6.1	5.6	4.9	4.4	3.9	3.5	3.1			
	4.1~25.1 [ 60.6 ]	10	t	10.0	10.0	10.0	9.1	7.8	7.0	6.1	5.6	4.9	4.4	3.9	3.5	3.1		
45m	3.5~33.0 [ 44.5 ]	7	t	7.0	7.0	7.0	7.0	7.0	7.0	6.4	5.8	5.1	4.7	4.2				
	3.5~25.7 [ 56.2 ]	10	t	10.0	10.0	10.0	9.3	8.1	7.3	6.4	5.8	5.1	4.7	4.2				
	3.5~19.9 [ 64.3 ]	14	t	13.9	12.3	10.4	9.3	8.1	7.3	6.4	5.8	5.1	4.7	4.2				
40m	3.1~33.7 [ 35.2 ]	7	t	7.0	7.0	7.0	7.0	7.0	7.0	6.6	6.1	5.3						
	3.1~26.1 [ 50.5 ]	10	t	10.0	10.0	10.0	9.6	8.3	7.4	6.6	6.1	5.3						
	3.1~20.1 [ 60.5 ]	14	t	14.0	12.5	10.6	9.6	8.3	7.4	6.6	6.1	5.3						
35m	2.6~33.7 [ 21.5 ]	7	t	7.0	7.0	7.0	7.0	7.0	7.0	6.6								
	2.6~26.1 [ 43.5 ]	10	t	10.0	10.0	10.0	9.6	8.3	7.4	6.6								
	2.6~20.1 [ 55.8 ]	14	t	14.0	12.5	10.6	9.6	8.3	7.4	6.6								
30m	2.2~30.0 [ 15.0 ]	7	t	7.0	7.0	7.0	7.0	7.0										
	2.2~26.1 [ 32.4 ]	10	t	10.0	10.0	10.0	9.6	8.3										
	2.2~20.1 [ 49.1 ]	14	t	14.0	12.5	10.6	9.6	8.3										
25m	1.8~25.0 [ 15.0 ]	10	t	10.0	10.0	10.0												
	1.8~20.1 [ 35.0 ]	14	t	14.0	12.5	10.6												

**Anchorage**

An[m]	A1	A2	A3	A4	A5	A6	A7	A8	A9	A10
	30.0	51.0	72.0	93.0	114.0	135.0	156.0	177.0	198.0	-
H2 [m]	55.5	76.5	97.5	115.5	136.5	157.5	178.5	199.5	220.5	-

※ Over this height please contact us



**Mechanisms**

75LVF35KW	m/min	0 ~ 38	0 ~ 76	55kW	750m >750m※	
		t	5.0			2.5
		m/min	0 ~ 25			0 ~ 50
60VVF40KW	t	7.5	3.75	45kW		
		m/min	0 ~ 19			0 ~ 38
RCV95	rpm	15~80	2min10s	2x5.5kW		
			0 ~ 0.6			
⚡		380V 50Hz( 5%)	135kVA	kVA		
		380V 60Hz( 5%)				
		440V 60Hz( 5%)				

※ Please consult us      △ Option