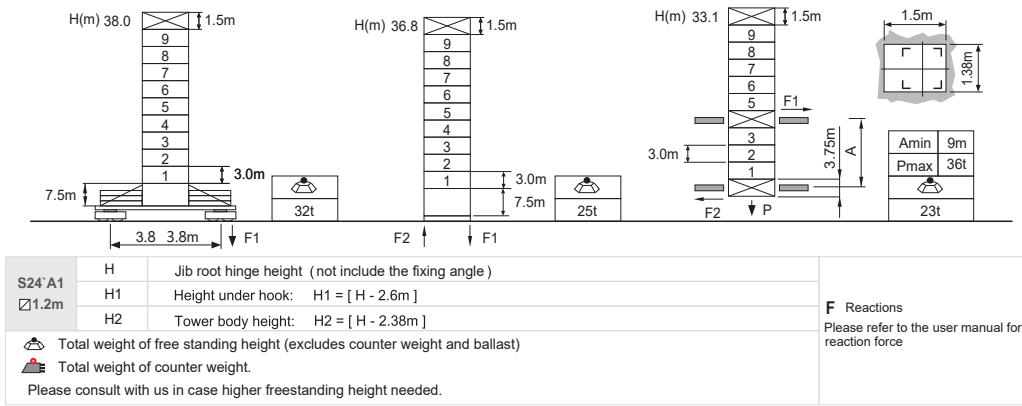


Jib root hinge height



Load diagrams

R	falls	R(C _{MAX})	C _{MAX}	m	15	17	20	22	25	27	30	32	35	37	40	42	45	47	50
50m		3.2~28.4	2.5	t	2.5	2.5	2.5	2.5	2.5	2.5	2.35	2.19	1.98	1.86	1.70	1.60	1.48	1.40	1.30
		3.2~14.3	5	t	4.77	4.15	3.45	3.09	2.66	2.43	2.13	1.97	1.75	1.64	1.48	1.38	1.26	1.18	1.08
45m		3.2~30.5	2.5	t	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.38	2.15	2.02	1.85	1.74	1.61		
		3.2~15.4	5	t	5.0	4.50	3.75	3.36	2.90	2.65	2.33	2.16	1.93	1.80	1.63	1.52	1.39		
40m		3.2~32.1	2.5	t	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.26	2.13	1.95				
		3.2~16.8	5	t	5.0	4.74	3.95	3.55	3.06	2.80	2.47	2.28	2.04	1.91	1.73				
35m		3.2~32.1	2.5	t	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.26					
		3.2~16.8	5	t	5.0	4.74	3.95	3.55	3.06	2.80	2.47	2.28	2.04						
30m		3.2~30.0	2.5	t	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5							
		3.2~16.8	5	t	5.0	4.74	3.95	3.55	3.06	2.80	2.47								
25m		3.2~25.0	2.5	t	2.5	2.5	2.5	2.5	2.5										
		3.2~16.8	5	t	5.0	4.74	3.95	3.55	3.06										
20m		3.2~20.0	2.5	t	2.5	2.5	2.5												
		3.2~16.3	5	t	5.0	4.74	3.95												

Anchorage

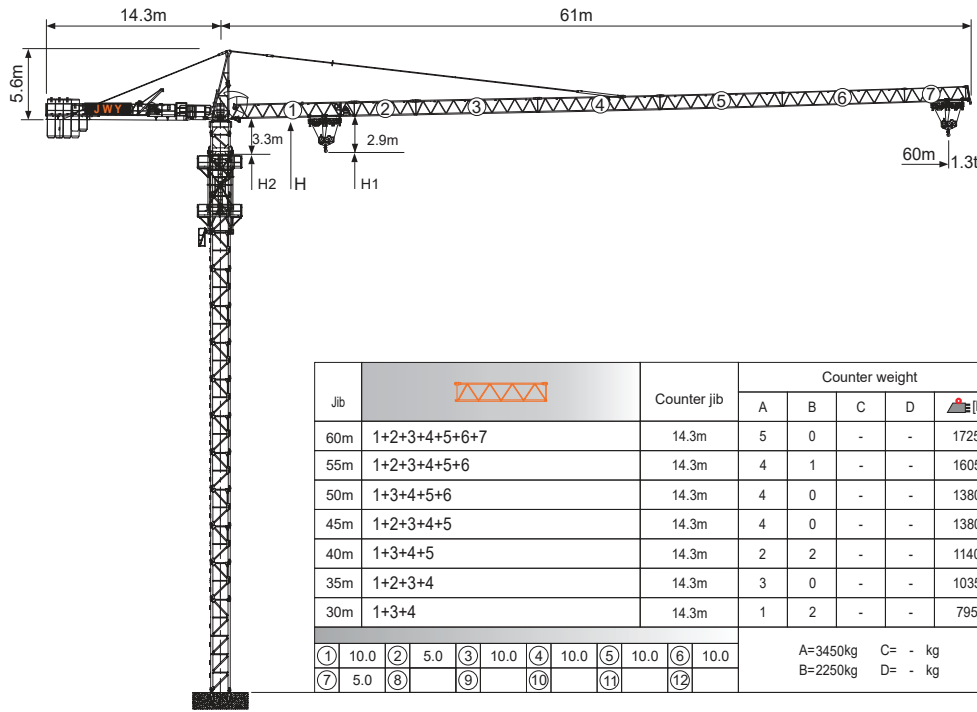
An[m]	A1	A2	A3	A4	A5	A6	A7	A8	A9	A10
	24.0	36.0	48.0	60.0	72.0	84.0	96.0	108.0	-	-
H2 [m]	49.5	61.5	73.5	85.5	97.5	106.5	118.5	130.5	-	-

※ Over this height please contact us

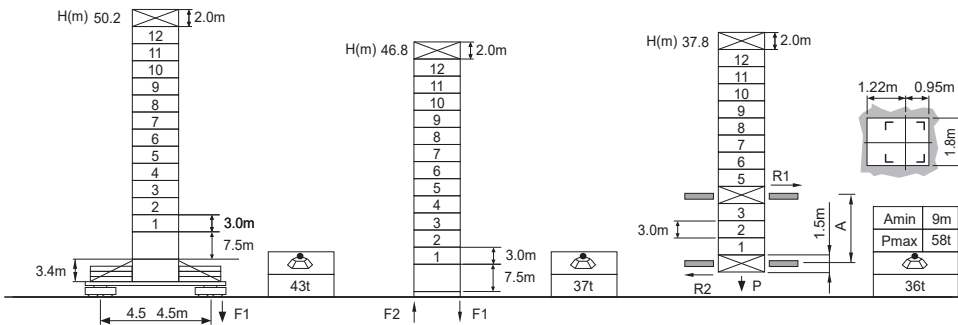
Mechanisms

	25LVF13	m/min	42	63	18.5KW	360m >360m※
		t	2.5	1.25		
		m/min	21	31.5		
		t	5.0	2.5		
	DVF	m/min	0~58		5.5kW	
	RCV95	rpm	0~0.8		5.5kW	
	380V 50Hz(5%) 380V 60Hz(5%) 440V 60Hz(5%)		35kVA		kVA	

※ Please consult us △ Option



Jib root hinge height



L46A1	H	Jib root hinge height (not include the fixing angle)	F Reactions Please refer to the user manual for reaction force
1.6m	H1	Height under hook: H1 = [H - 2.9m]	
	H2	Tower body height: H2 = [H - 3.3m]	

⚖️ 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.

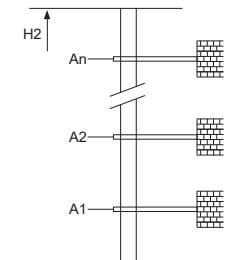
Load diagrams

R	falls	R(C _{MAX})	C _{MAX}	m	15	17	20	22	25	27	30	32	35	37	40	42	45	47	50	52	55	57	60
60m	⚖️	3.1~29.3	3	t	3.0	3.0	3.0	3.0	3.0	3.0	2.92	2.72	2.46	2.31	2.11	1.99	1.84	1.75	1.62	1.55	1.45	1.39	1.30
	⚖️	3.1~14.7	6	t	5.9	5.14	4.28	3.84	3.31	3.02	2.66	2.46	2.20	2.05	1.85	1.73	1.58	1.49	1.36	1.29	1.19	1.13	1.04
55m	⚖️	3.1~31.9	3	t	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.99	2.71	2.54	2.33	2.20	2.04	1.94	1.80	1.72	1.61		
	⚖️	3.1~16.1	6	t	6.0	5.66	4.72	4.24	3.66	3.35	2.95	2.73	2.45	2.28	2.07	1.94	1.78	1.68	1.54	1.46	1.35		
50m	⚖️	3.1~37.9	3	t	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.83	2.68	2.48	2.36	2.20				
	⚖️	3.1~19.1	6	t	6.0	6.0	5.72	5.15	4.46	4.09	3.62	3.36	3.02	2.83	2.57	2.42	2.22	2.10	1.94				
45m	⚖️	3.1~39.1	3	t	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.93	2.78	2.57					
	⚖️	3.1~19.7	6	t	6.0	6.0	5.92	5.33	4.62	4.23	3.75	3.48	3.13	2.93	2.67	2.52	2.31						
40m	⚖️	3.1~40.0	3	t	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0								
	⚖️	3.1~20.5	6	t	6.0	6.0	6.0	5.56	4.82	4.42	3.92	3.64	3.28	3.07	2.8								
35m	⚖️	3.1~35.0	3	t	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.93	2.78	2.57					
	⚖️	3.1~20.5	6	t	6.0	6.0	6.0	5.56	4.82	4.42	3.92	3.64	3.28										
30m	⚖️	3.1~30.0	3	t	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0								
	⚖️	3.1~20.5	6	t	6.0	6.0	6.0	5.56	4.82	4.42	3.92	3.64	3.28										

Anchorage

An[m]	A1	A2	A3	A4	A5	A6	A7	A8	A9	A10
	33.0	54.0	75.0	96.0	117.0	138.0	-	-	-	-
H2 [m]	67.5	88.5	106.5	127.5	148.5	169.5	-	-	-	-

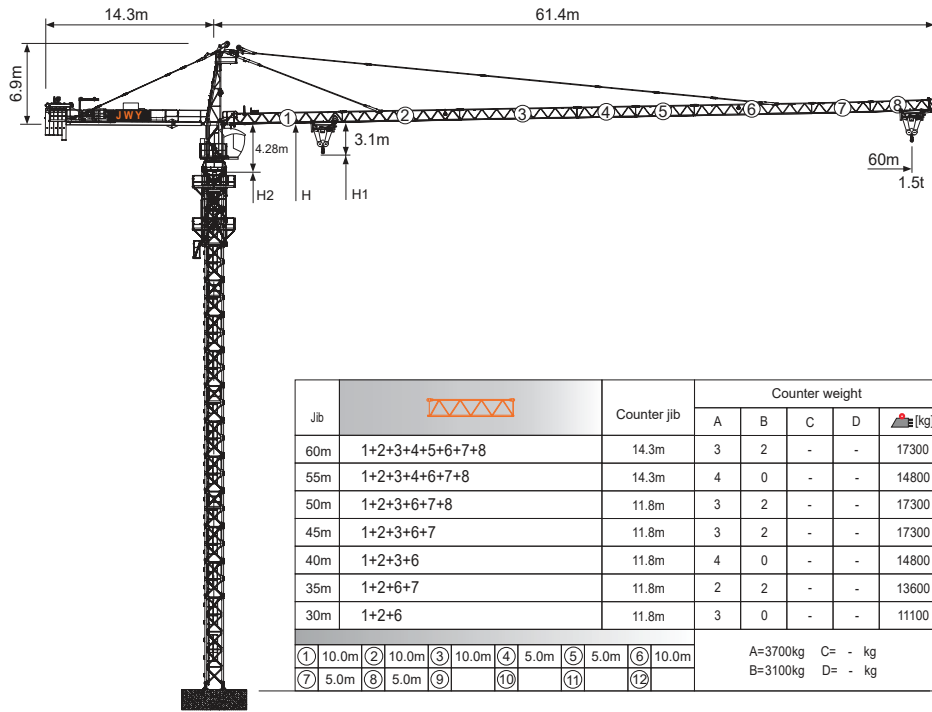
※ Over this height please contact us



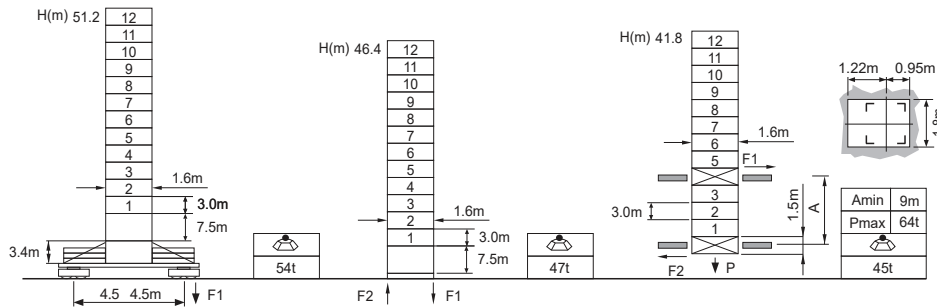
Mechanisms

⬆️	40QP20HS-CG5	⚖️	m/min	40	80	30KW	500m >500m※
		t		3	1.5		
⬆️	DVF	⚖️	m/min	0~60		5.5kW	
		t					
⬆️	RCV95	⚖️	rpm	0~0.7		2×5.5kW	
		t					
⚡				380V 50Hz(5%) 380V 60Hz(5%) 440V 60Hz(5%)		55kVA	kVA

※ Please consult us △ Option



Jib root hinge height



L46A1	H	Jib root hinge height (not include the fixing angle)	F Reactions Please refer to the user manual for reaction force
1.6m	H1	Height under hook: $H1 = [H - 3.1m]$	
	H2	Tower body height: $H2 = [H - 4.28m]$	

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.

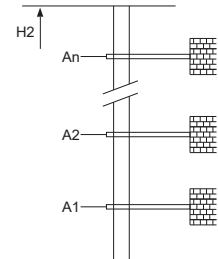
Load diagrams

R	falls	R(C _{MAX})	C _{MAX}	m	15	17	20	22	25	27	30	32	35	37	40	42	45	47	50	52	55	57	60
60m		2.9~28.3	4	t	4.0	4.0	4.0	4.0	4.0	4.0	3.73	3.45	3.09	2.89	2.62	2.46	2.24	2.12	1.95	1.84	1.70	1.62	1.50
		2.9~15.3	8	t	8.0	7.04	5.86	5.25	4.52	4.13	3.63	3.35	2.99	2.79	2.52	2.36	2.14	2.02	1.85	1.74	1.60	1.52	1.40
55m		2.9~30.2	4	t	4.0	4.0	4.0	4.0	4.0	4.0	4.0	3.74	3.26	3.13	2.85	2.67	2.45	2.31	2.13	2.02	1.87		
		2.9~16.4	8	t	8.0	7.58	6.32	5.67	4.89	4.47	3.94	3.64	3.26	3.03	2.75	2.57	2.35	2.21	2.03	1.92	1.77		
50m		2.9~32.0	4	t	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	3.60	3.36	3.06	2.88	2.64	2.49	2.30				
		2.9~17.3	8	t	8.0	8.0	6.75	6.06	5.23	4.78	4.22	3.90	3.50	3.26	2.96	2.78	2.54	2.39	2.20				
45m		2.9~33.6	4	t	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	3.81	3.57	3.25	3.06	2.80					
		2.9~18.2	8	t	8.0	8.0	7.12	6.40	5.53	5.06	4.47	4.14	3.71	3.47	3.15	2.96	2.70						
40m		2.9~34.9	4	t	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	3.98	3.73	3.40							
		2.9~18.9	8	t	8.0	8.0	7.42	6.67	5.77	5.28	4.67	4.33	3.88	3.63	3.30								
35m		2.9~34.9	4	t	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	3.98							
		2.9~18.9	8	t	8.0	8.0	7.42	6.67	5.77	5.28	4.67	4.33	3.88										
30m		2.9~30.0	4	t	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0											
		2.9~18.9	8	t	8.0	8.0	7.42	6.67	5.77	5.28	4.67												

Anchorage

An[m]	A1	A2	A3	A4	A5	A6	A7	A8	A9	A10
	33.0	54.0	75.0	96.0	117.0	138.0	-	-	-	-
H2 [m]	67.5	88.5	106.5	127.5	148.5	169.5	*	-	-	-

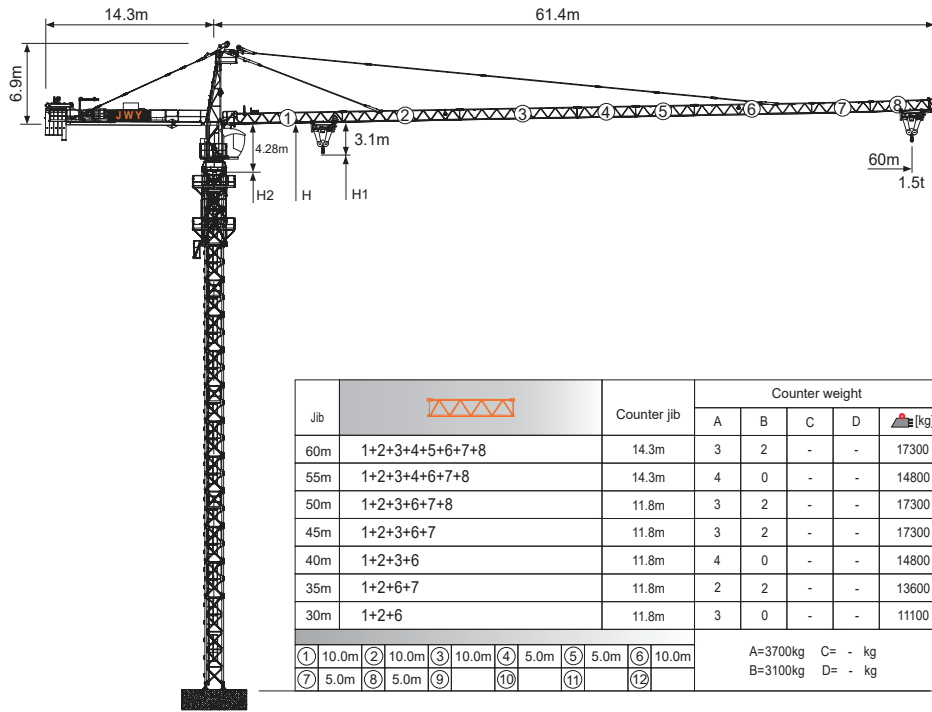
* Over this height please contact us



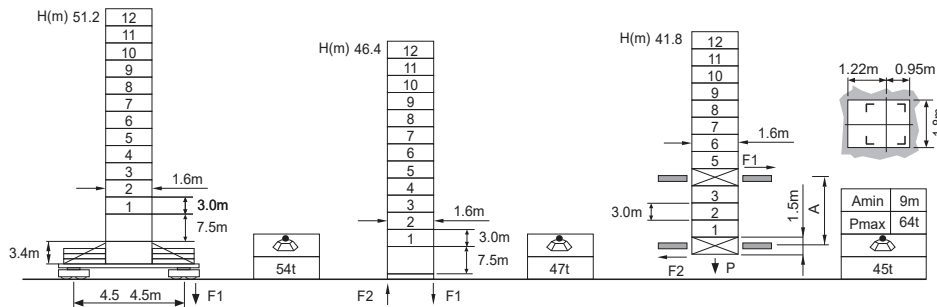
Mechanisms

	50QP20HS-CG5		m/min	40	80	37KW	
		t	4	2			
	DVF		m/min	0~60		5.5kW	
		t	8	4			
	RCV95		rpm	0~0.7		2x5.5kW	
				380V 50Hz(5%) 380V 60Hz(5%) 440V 60Hz(5%)		65kVA	kVA

* Please consult us △ Option



Jib root hinge height



L46A1	H	Jib root hinge height (not include the fixing angle)	F Reactions Please refer to the user manual for reaction force
1.6m	H1	Height under hook: H1 = [H - 3.1m]	
	H2	Tower body height: H2 = [H - 4.28m]	

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.

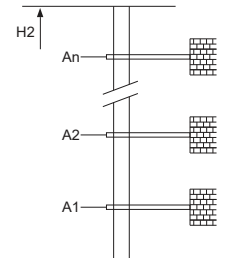
Load diagrams

R	falls	R(C _{MAX})	C _{MAX}	m	15	17	20	22	25	27	30	32	35	37	40	42	45	47	50	52	55	57	60
60m		2.9~23.3	5	t	5.0	5.0	5.0	5.0	4.62	4.23	3.73	3.45	3.09	2.89	2.62	2.46	2.24	2.12	1.95	1.84	1.70	1.62	1.50
		2.9~12.4	10	t	8.09	7.04	5.86	5.25	4.52	4.13	3.63	3.35	2.99	2.79	2.52	2.36	2.14	2.02	1.85	1.74	1.60	1.52	1.40
55m		2.9~24.9	5	t	5.0	5.0	5.0	5.0	4.99	4.57	4.04	3.74	3.26	3.13	2.85	2.67	2.45	2.31	2.13	2.02	1.87		
		2.9~13.3	10	t	8.70	7.58	6.32	5.67	4.89	4.47	3.94	3.64	3.26	3.03	2.75	2.57	2.35	2.21	2.03	1.92	1.77		
50m		2.9~26.4	5	t	5.0	5.0	5.0	5.0	5.0	4.88	4.32	4.0	3.60	3.36	3.06	2.88	2.64	2.49	2.30				
		2.9~14.1	10	t	9.27	8.08	6.75	6.06	5.23	4.78	4.22	3.90	3.50	3.26	2.96	2.78	2.54	2.39	2.20				
45m		2.9~27.7	5	t	5.0	5.0	5.0	5.0	5.0	4.57	4.24	3.81	3.57	3.25	3.06	2.80							
		2.9~14.8	10	t	9.77	8.52	7.12	6.40	5.53	5.06	4.47	4.14	3.71	3.47	3.15	2.96	2.70						
40m		2.9~28.8	5	t	5.0	5.0	5.0	5.0	5.0	5.0	4.77	4.43	3.98	3.73	3.40								
		2.9~15.3	10	t	10.0	8.88	7.42	6.67	5.77	5.28	4.67	4.33	3.88	3.63	3.30								
35m		2.9~28.8	5	t	5.0	5.0	5.0	5.0	5.0	5.0	4.77	4.43	3.98										
		2.9~15.3	10	t	10.0	8.88	7.42	6.67	5.77	5.28	4.67	4.33	3.88										
30m		2.9~28.8	5	t	5.0	5.0	5.0	5.0	5.0	5.0	4.77												
		2.9~15.3	10	t	10.0	8.88	7.42	6.67	5.77	5.28	4.67												

Anchorage

An[m]	A1	A2	A3	A4	A5	A6	A7	A8	A9	A10
	33.0	54.0	75.0	96.0	117.0	138.0	-	-	-	-
H2 [m]	67.5	88.5	106.5	127.5	148.5	169.5	※	-	-	-

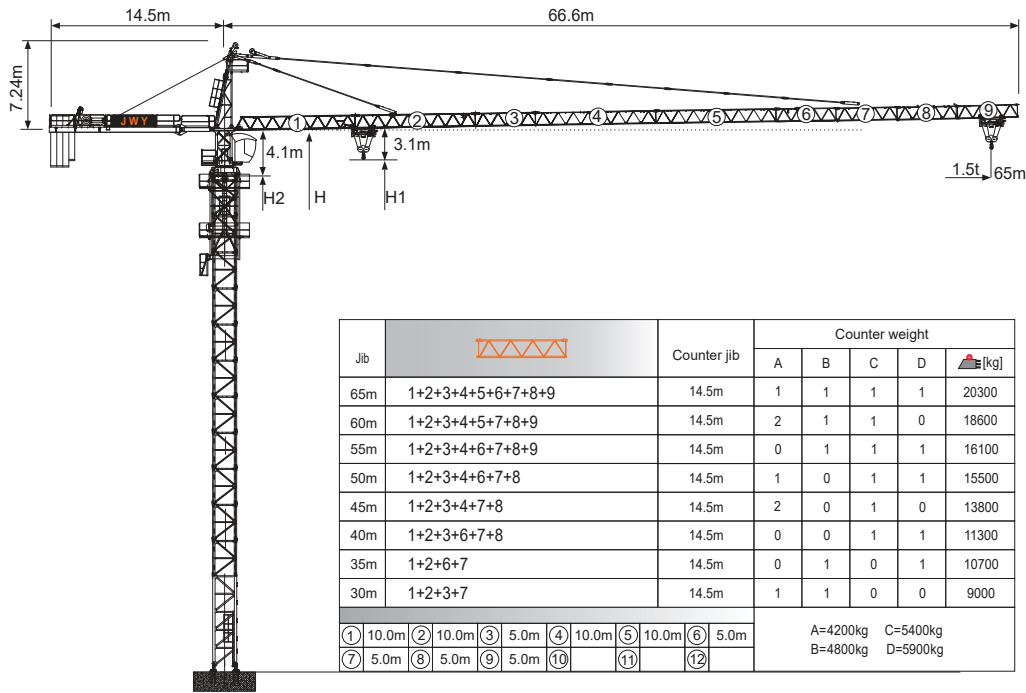
※ Over this height please contact us



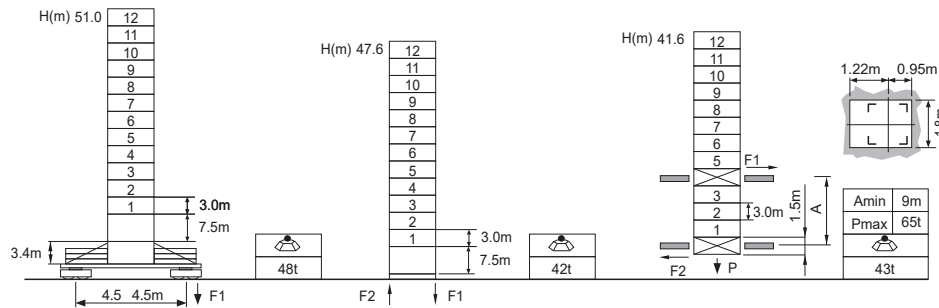
Mechanisms

	60QP20HB-G1		m/min	40	80	45KW	
			t	5	2.5		
	DVF		m/min	0~60		5.5kW	
			t	10			
	RCV95		rpm	0~0.7		2x5.5KW	
			380V 50Hz(5%) 380V 60Hz(5%) 440V 60Hz(5%)	75kVA		kVA	

※ Please consult us △ Option



Jib root hinge height



L46A1 1.6m	H	Jib root hinge height (not include the fixing angle)	F Reactions Please refer to the user manual for reaction force
	H1	Height under hook: H1 = [H - 3.1m]	
	H2	Tower body height: H2 = [H - 4.1m]	
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.			

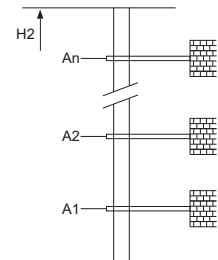
Load diagrams

R	falls	R(C _{MAX})	C _{MAX}	m	15	17	20	22	25	27	30	32	35	37	40	42	45	47	50	52	55	57	60	62	65
65m	☺	2.4 - 30.6	4	t	4.0	4.0	4.0	4.0	4.0	4.0	4.0	3.80	3.41	3.19	2.90	2.72	2.49	2.36	2.17	2.06	1.91	1.81	1.69	1.61	1.50
	☹	2.4 - 16.6	8	t	8.0	7.70	6.42	5.76	4.97	4.54	4.0	3.70	3.31	3.09	2.80	2.62	2.39	2.26	2.07	1.96	1.81	1.71	1.59	1.51	1.40
60m	☺	2.4 - 18.7	8	t	8.0	8.0	7.36	6.62	5.72	5.24	4.63	4.29	3.85	3.60	3.27	3.07	2.81	2.66	2.45	2.32	2.25	2.04	1.90		
	☹	2.4 - 37.5	4	t	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	3.71	3.50	3.22	3.05	2.82	2.69	2.50		
55m	☺	2.4 - 20.3	8	t	8.0	8.0	8.0	7.25	6.28	5.75	5.09	4.72	4.25	3.97	3.61	3.40	3.12	2.95	2.72	2.59	2.40				
	☹	2.4 - 39.4	4	t	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	3.93	3.71	3.41	3.24	3.00				
50m	☺	2.4 - 21.3	8	t	8.0	8.0	8.0	7.65	6.63	6.08	5.39	5.00	4.50	4.21	3.83	3.61	3.31	3.14	2.90						
	☹	2.4 - 40.2	4	t	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	3.80	3.50							
45m	☺	2.4 - 21.8	8	t	8.0	8.0	8.0	7.82	6.79	6.22	5.52	5.12	4.61	4.32	3.93	3.70	3.40								
	☹	2.4 - 40.0	4	t	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0							
40m	☺	2.4 - 21.9	8	t	8.0	8.0	8.0	7.94	6.74	6.18	5.48	5.08	4.58	4.28	3.90										
	☹	2.4 - 35.0	4	t	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0											
35m	☺	2.4 - 21.9	8	t	8.0	8.0	8.0	7.94	6.74	6.18	5.48	5.08	4.58												
	☹	2.4 - 30.0	4	t	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0													
30m	☺	2.4 - 21.9	8	t	8.0	8.0	8.0	7.94	6.74	6.18	5.48														
	☹																								

Anchorage

An[m]	A1	A2	A3	A4	A5	A6	A7	A8	A9	A10
	33.0	54.0	75.0	96.0	117.0	138.0	-	-	-	-
H2 [m]	67.5	88.5	106.5	127.5	148.5	169.5	*	-	-	-

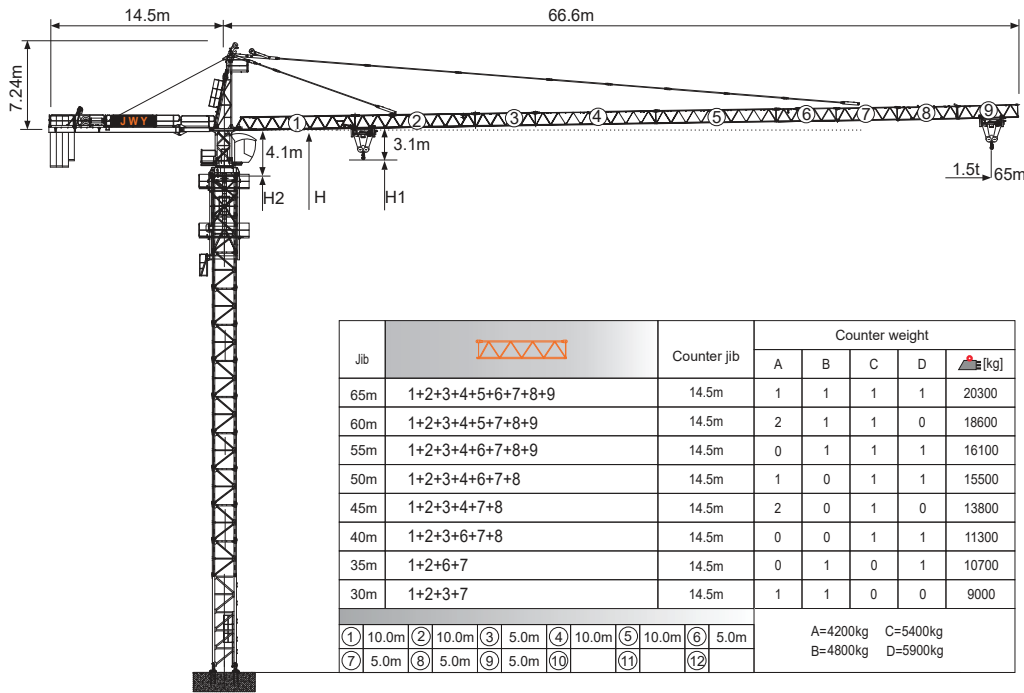
* Over this height please contact us



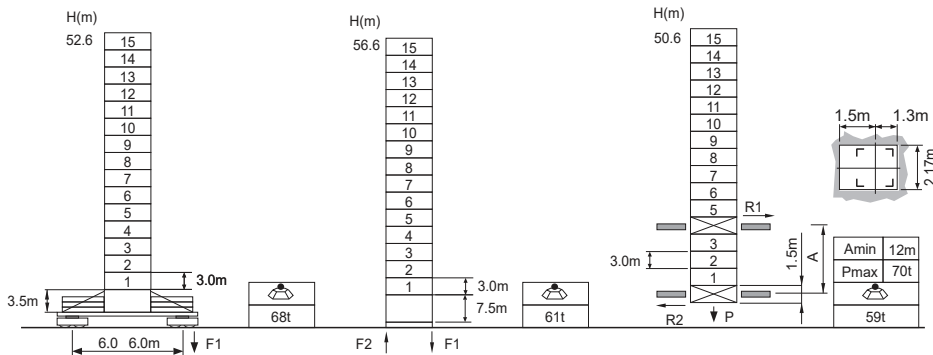
Mechanisms

☺	50QP20HS-CG5	m/min	40	80	37kW	500m >500m*
		t	4	2		
☺	50LVF20KL-C	m/min	20	40	37kW	710m >710m*
		t	8	4		
☺	DVF	m/min	0 ~ 60		5.5kW	
		t	0 ~ 84			
☺	JH13F	rpm	0 ~ 0.7		2x5.5kW	
		t	0 ~ 21			
⚡		380V 50Hz(5%)			65kVA	kVA
		380V 60Hz(5%)				
⚡		440V 60Hz(5%)				
		t	8	4		

* Please consult us △ Option



Jib root hinge height



L68B2 2.0m	H	Jib root hinge height (not include the fixing angle)	F Reactions Please refer to the user manual for reaction force
	H1	Height under hook: H1 = [H - 3.1m]	
	H2	Tower body height: H2 = [H - 4.1m]	
Please consult with us in case higher freestanding height needed.			

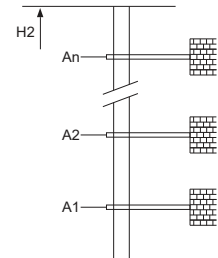
Load diagrams

R	falls	R(C _{MAX})	C _{MAX}	m	15	17	20	22	25	27	30	32	35	37	40	42	45	47	50	52	55	57	60	62	65
65m		2.4 - 30.6	4	t	4.0	4.0	4.0	4.0	4.0	4.0	4.0	3.80	3.41	3.19	2.90	2.72	2.49	2.36	2.17	2.06	1.91	1.81	1.69	1.61	1.50
		2.4 - 16.6	8	t	8.0	7.70	6.42	5.76	4.97	4.54	4.0	3.70	3.31	3.09	2.80	2.62	2.39	2.26	2.07	1.96	1.81	1.71	1.59	1.51	1.40
60m		2.4 - 34.6	4	t	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	3.95	3.70	3.37	3.17	2.91	2.76	2.55	2.42	2.25	2.14	2.00		
		2.4 - 18.7	8	t	8.0	8.0	7.36	6.62	5.72	5.24	4.63	4.29	3.85	3.60	3.27	3.07	2.81	2.66	2.45	2.32	2.15	2.04	1.90		
55m		2.4 - 37.5	4	t	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	3.71	3.50	3.22	3.05	2.82	2.69	2.50			
		2.4 - 20.3	8	t	8.0	8.0	8.0	7.25	6.28	5.75	5.09	4.72	4.25	3.97	3.61	3.40	3.12	2.95	2.72	2.59	2.40				
50m		2.4 - 39.4	4	t	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	3.93	3.71	3.41	3.24	3.00					
		2.4 - 21.3	8	t	8.0	8.0	8.0	7.65	6.63	6.08	5.39	5.00	4.50	4.21	3.83	3.61	3.31	3.14	2.90						
45m		2.4 - 40.2	4	t	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	3.80	3.50								
		2.4 - 21.8	8	t	8.0	8.0	8.0	7.82	6.79	6.22	5.52	5.12	4.61	4.32	3.93	3.70	3.40								
40m		2.4 - 40.0	4	t	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0								
		2.4 - 21.9	8	t	8.0	8.0	8.0	7.94	6.74	6.18	5.48	5.08	4.58	4.28	3.90										
35m		2.4 - 35.0	4	t	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0											
		2.4 - 21.9	8	t	8.0	8.0	8.0	7.94	6.74	6.18	5.48	5.08	4.58												
30m		2.4 - 30.0	4	t	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0												
		2.4 - 21.9	8	t	8.0	8.0	8.0	7.94	6.74	6.18	5.48	5.08	4.58												

Anchorage

An[m]	A1	A2	A3	A4	A5	A6	A7	A8	A9	A10
	42.0	69.0	96.0	123.0	150.0	177.0	204.0	231.0	-	-
H2 [m]	82.5	106.5	133.5	160.5	187.5	214.5	241.5	268.5	-	-

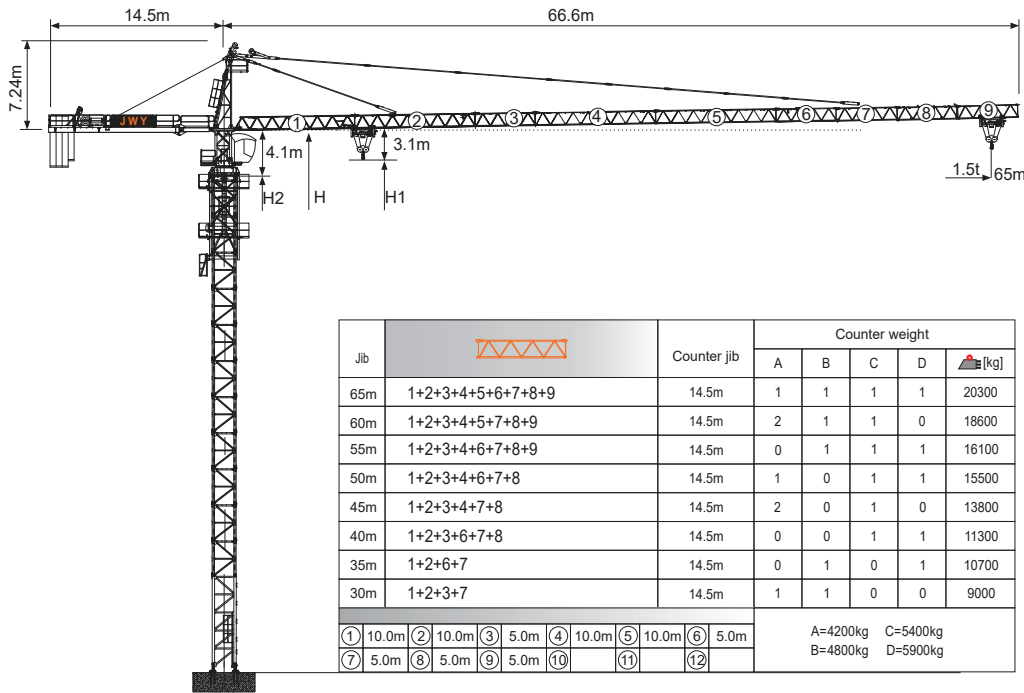
※ Over this height please contact us



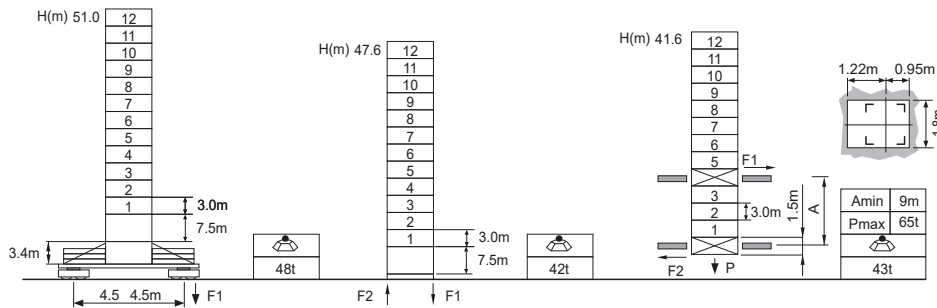
Mechanisms

	50QP20HS-CG5		m/min	40	80	37kW	
		t	4	2			
	50LVF20KL-C		m/min	20	40	37kW	
		t	8	4			
	△		m/min	0 ~ 42	0 ~ 84	37kW	
		t	4	2			
	△		m/min	0 ~ 21	0 ~ 42	37kW	
		t	8	4			
	DVF	m/min	0 ~ 60		5.5kW		
	JH13F	rpm	0 ~ 0.7		2 × 5.5kW		
			380V 50Hz(5%) 380V 60Hz(5%) 440V 60Hz(5%)		65kVA	kVA	

※ Please consult us △ Option



Jib root hinge height



L46A1 1.6m	H	Jib root hinge height (not include the fixing angle)	F Reactions Please refer to the user manual for reaction force
	H1	Height under hook: H1 = [H - 3.1m]	
	H2	Tower body height: H2 = [H - 4.1m]	

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.

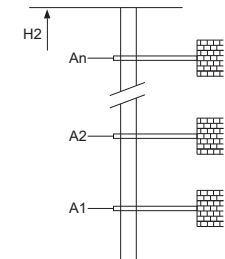
Load diagrams

R	falls	R(C _{MAX})	C _{MAX}	m	15	17	20	22	25	27	30	32	35	37	40	42	45	47	50	52	55	57	60	62	65
65m		2.4 - 25.3	5	t	5.0	5.0	5.0	5.0	5.0	4.64	4.1	3.80	3.41	3.19	2.90	2.72	2.49	2.36	2.17	2.06	1.91	1.81	1.69	1.61	1.50
		2.4 - 13.5	10	t	8.84	7.70	6.42	5.76	4.97	4.54	4.0	3.70	3.31	3.09	2.80	2.62	2.39	2.26	2.07	1.96	1.81	1.71	1.59	1.51	1.40
60m		2.4 - 28.6	5	t	5.0	5.0	5.0	5.0	5.0	5.0	4.73	4.39	3.95	3.70	3.37	3.17	2.91	2.76	2.55	2.42	2.25	2.14	2.00		
		2.4 - 15.2	10	t	10.0	8.81	7.36	6.62	5.72	5.24	4.63	4.29	3.85	3.60	3.27	3.07	2.81	2.66	2.45	2.32	2.15	2.04	1.90		
55m		2.4 - 31.0	5	t	5.0	5.0	5.0	5.0	5.0	5.0	4.82	4.35	4.07	3.71	3.50	3.22	3.05	2.82	2.69	2.50					
		2.4 - 16.5	10	t	10.0	9.62	8.06	7.25	6.28	5.75	5.09	4.72	4.25	3.97	3.61	3.40	3.12	2.95	2.72	2.59	2.40				
50m		2.4 - 32.5	5	t	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	4.60	4.31	3.93	3.71	3.41	3.24	3.00						
		2.4 - 17.3	10	t	10.0	10.0	8.50	7.65	6.63	6.08	5.39	5.00	4.50	4.21	3.83	3.61	3.31	3.14	2.90						
45m		2.4 - 33.2	5	t	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	4.71	4.42	4.03	3.80	3.50								
		2.4 - 17.7	10	t	10.0	10.0	8.69	7.82	6.79	6.22	5.52	5.12	4.61	4.32	3.93	3.70	3.40								
40m		2.4 - 33.6	5	t	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	4.68	4.38	4.00										
		2.4 - 17.9	10	t	10.0	10.0	8.82	7.77	6.74	6.18	5.48	5.08	4.58	4.28	3.90										
35m		2.4 - 33.6	5	t	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	4.68												
		2.4 - 17.9	10	t	10.0	10.0	8.82	7.77	6.74	6.18	5.48	5.08	4.58												
30m		2.4 - 30.0	5	t	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	4.68												
		2.4 - 17.9	10	t	10.0	10.0	8.82	7.77	6.74	6.18	5.48	5.08	4.58												

Anchorage

An[m]	A1	A2	A3	A4	A5	A6	A7	A8	A9	A10
	33.0	54.0	75.0	96.0	117.0	138.0	-	-	-	-
H2 [m]	67.5	88.5	106.5	127.5	148.5	169.5	*	-	-	-

* Over this height please contact us

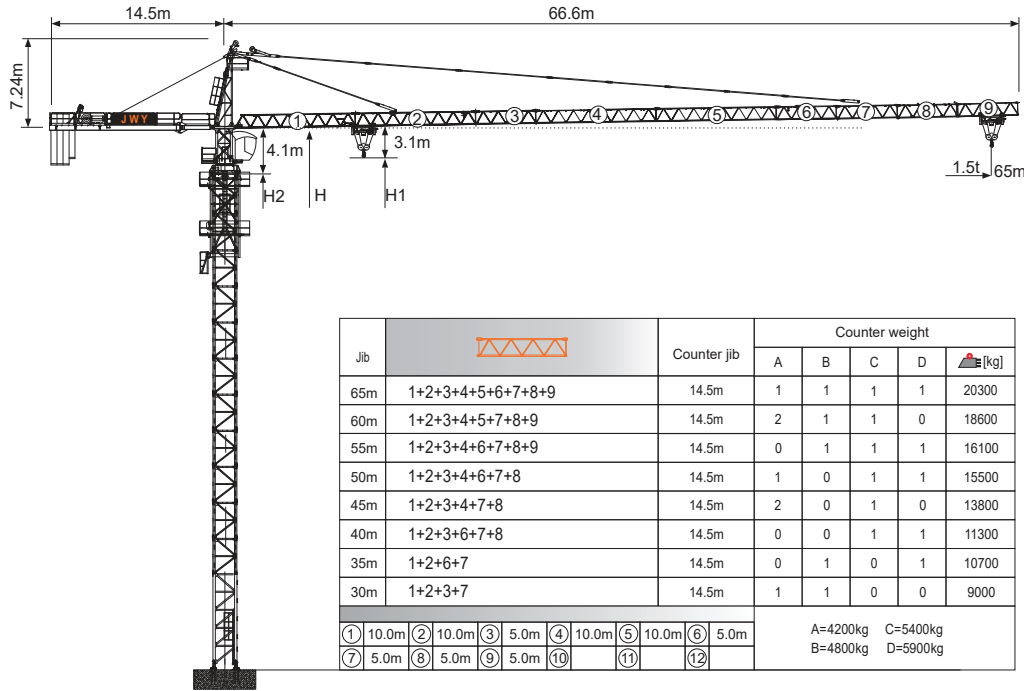


Mechanisms

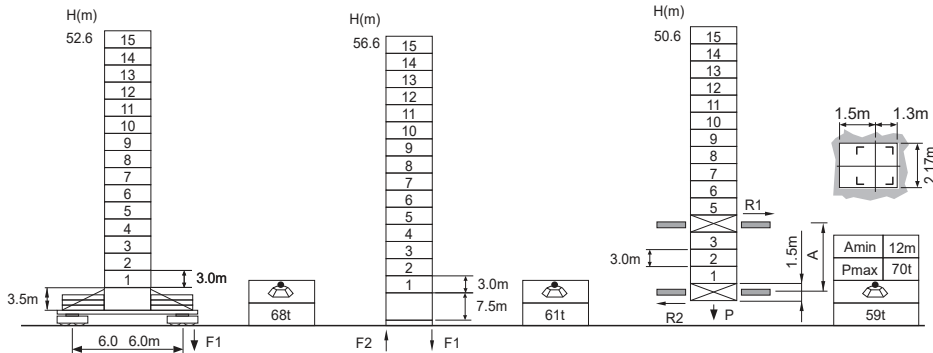
	60QP25HB-G1		m/min	0 ~ 45	0 ~ 90	45kW	
			t	5	2.5		
	60LVF25KL		m/min	0 ~ 22.5	0 ~ 45	45kW	
			t	10	5		
	DVF		m/min	0 ~ 42	0 ~ 84	45kW	
			t	5	2.5		
	JH13F		m/min	0 ~ 21	0 ~ 42	45kW	
			t	10	5		
	380V 50Hz(5%) 380V 60Hz(5%) 440V 60Hz(5%)		m/min	0 ~ 60	0 ~ 7	5.5kW	
			rpm	0 ~ 0.7	2 x 5.5kW		
	380V 50Hz(5%) 380V 60Hz(5%) 440V 60Hz(5%)		m/min	75kVA		kVA	
			rpm				

* Please consult us

△ Option



Jib root hinge height



L68B2 2.0m	H	Jib root hinge height (not include the fixing angle)	F Reactions Please refer to the user manual for reaction force
	H1	Height under hook: $H1 = [H - 3.1m]$	
	H2	Tower body height: $H2 = [H - 4.1m]$	

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.

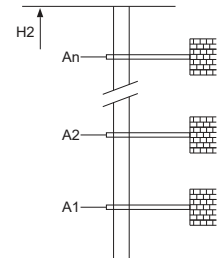
Load diagrams

R	falls	R(C _{MAX})	C _{MAX}	m	15	17	20	22	25	27	30	32	35	37	40	42	45	47	50	52	55	57	60	62	65
65m		2.4 - 25.3	5	t	5.0	5.0	5.0	5.0	5.0	4.64	4.1	3.80	3.41	3.19	2.90	2.72	2.49	2.36	2.17	2.06	1.91	1.81	1.69	1.61	1.50
		2.4 - 13.5	10	t	8.84	7.70	6.42	5.76	4.97	4.54	4.0	3.70	3.31	3.09	2.80	2.62	2.39	2.26	2.07	1.96	1.81	1.71	1.59	1.51	1.40
60m		2.4 - 15.2	10	t	10.0	8.81	7.36	6.62	5.72	5.24	4.63	4.29	3.85	3.60	3.27	3.07	2.81	2.66	2.45	2.32	2.15	2.04	1.90		
		2.4 - 31.0	5	t	5.0	5.0	5.0	5.0	5.0	5.0	5.0	4.82	4.35	4.07	3.71	3.50	3.22	3.05	2.82	2.69	2.50				
55m		2.4 - 16.5	10	t	10.0	9.62	8.06	7.25	6.28	5.75	5.09	4.72	4.25	3.97	3.61	3.40	3.12	2.95	2.72	2.59	2.40				
		2.4 - 32.5	5	t	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	4.60	4.31	3.93	3.71	3.41	3.24	3.00						
50m		2.4 - 17.3	10	t	10.0	10.0	8.50	7.65	6.63	6.08	5.39	5.00	4.50	4.21	3.83	3.61	3.31	3.14	2.90						
		2.4 - 33.2	5	t	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	4.71	4.42	4.03	3.80	3.50								
45m		2.4 - 17.7	10	t	10.0	10.0	8.69	7.82	6.79	6.22	5.52	5.12	4.61	4.32	3.93	3.70	3.40								
		2.4 - 33.6	5	t	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	4.68	4.38	4.00										
40m		2.4 - 17.9	10	t	10.0	10.0	8.82	7.77	6.74	6.18	5.48	5.08	4.58	4.28	3.90										
		2.4 - 33.6	5	t	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	4.68												
35m		2.4 - 17.9	10	t	10.0	10.0	8.82	7.77	6.74	6.18	5.48	5.08	4.58												
		2.4 - 30.0	5	t	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0												
30m		2.4 - 17.9	10	t	10.0	10.0	8.82	7.77	6.74	6.18	5.48	5.08	4.58												

Anchorage

An[m]	A1	A2	A3	A4	A5	A6	A7	A8	A9	A10
	42.0	69.0	96.0	123.0	150.0	177.0	204.0	231.0	-	-
H2 [m]	82.5	106.5	133.5	160.5	187.5	214.5	241.5	268.5	-	-

※ Over this height please contact us

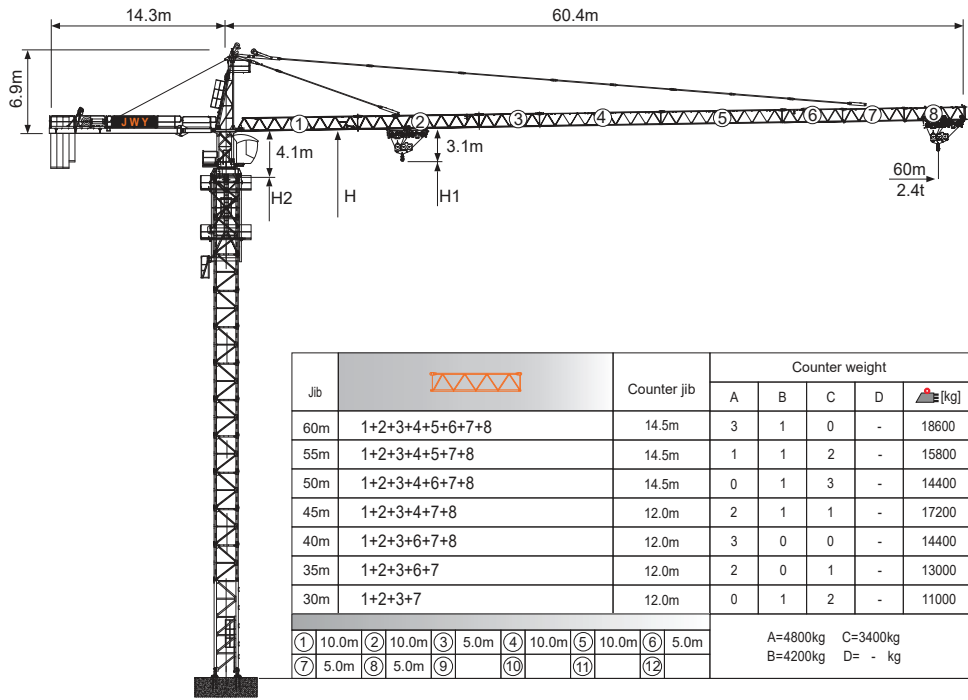


Mechanisms

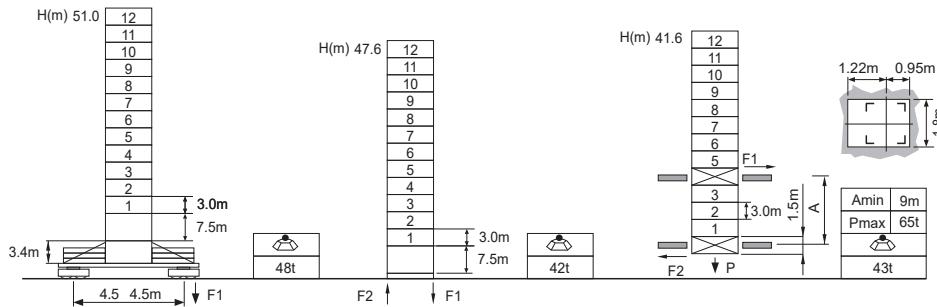
	60QP25HB-G1		m/min	0 ~ 45	0 ~ 90	45kW	
			t	5	2.5		
	60LVF25KL		m/min	0 ~ 22.5	0 ~ 45	45kW	
			t	10	5		
	DVF		m/min	0 ~ 60		5.5kW	
			t				
	JH13F		rpm	0 ~ 0.7		2 x 5.5kW	
			t				
	380V 50Hz(5%) 380V 60Hz(5%) 440V 60Hz(5%)		m/min		0 ~ 60	75kVA	kVA
			t				

※ Please consult us

△ Option



Jib root hinge height



L46A1	H	Jib root hinge height (not include the fixing angle)
⊠1.6m	H1	Height under hook: $H1 = [H - 3.1m]$
	H2	Tower body height: $H2 = [H - 4.1m]$

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

F Reactions
Please refer to the user manual for reaction force

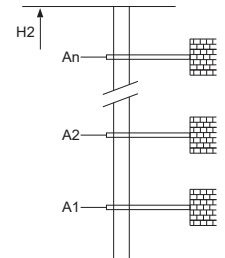
Load diagrams

R	falls	R(C _{MAX})	C _{MAX}	m	15	17	20	22	25	27	30	32	35	37	40	42	45	47	50	52	55	57	60
60m	⚖️	3.0-31.3	5	t	5.0	5.0	5.0	5.0	5.0	5.0	5.0	4.89	4.43	4.17	3.82	3.62	3.35	3.19	2.97	2.84	2.66	2.55	2.40
	⚖️	3.0-15.8	10	t	10.0	9.27	7.77	6.99	6.06	5.55	4.92	4.58	4.11	3.84	3.50	3.29	3.02	2.86	2.64	2.51	2.33	2.22	2.07
55m	⚖️	3.0-32.3	5	t	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	4.45	4.3	4.09	3.87	3.58	3.41	3.18	3.04	2.85		
	⚖️	3.0-16.8	10	t	10.0	9.89	8.29	7.47	6.48	5.94	5.27	4.89	4.41	4.13	3.76	3.54	3.25	3.08	2.85	2.71	2.52		
50m	⚖️	3.0-35.1	5	t	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	4.72	4.33	4.10	3.80	3.62	3.37				
	⚖️	3.0-17.7	10	t	10.0	10.0	8.78	7.91	6.87	6.30	5.59	5.19	4.68	4.39	4.00	3.77	3.47	3.29	3.05				
45m	⚖️	3.0-32.3	5	t	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	4.99	4.58	4.34	4.02				
	⚖️	3.0-18.6	10	t	10.0	10.0	9.28	8.36	7.27	6.67	5.93	5.51	4.97	4.66	4.25	4.01	3.69						
40m	⚖️	3.0-37.6	5	t	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	4.68								
	⚖️	3.0-19.0	10	t	10.0	10.0	9.48	8.54	7.43	6.82	6.06	5.63	5.08	4.77	4.35								
35m	⚖️	3.0-35.0	5	t	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0										
	⚖️	3.0-19.0	10	t	10.0	10.0	9.48	8.54	7.43	6.82	6.06	5.63	5.08										
30m	⚖️	3.0-30.0	5	t	5.0	5.0	5.0	5.0	5.0	5.0	5.0												
	⚖️	3.0-19.0	10	t	10.0	10.0	9.48	8.54	7.43	6.82	6.06												

Anchorage

An [m]	A1	A2	A3	A4	A5	A6	A7	A8	A9	A10
An [m]	33.0	54.0	75.0	96.0	117.0	138.0	-	-	-	-
H2 [m]	67.5	88.5	106.5	127.5	148.5	169.5	※	-	-	-

※ Over this height please contact us

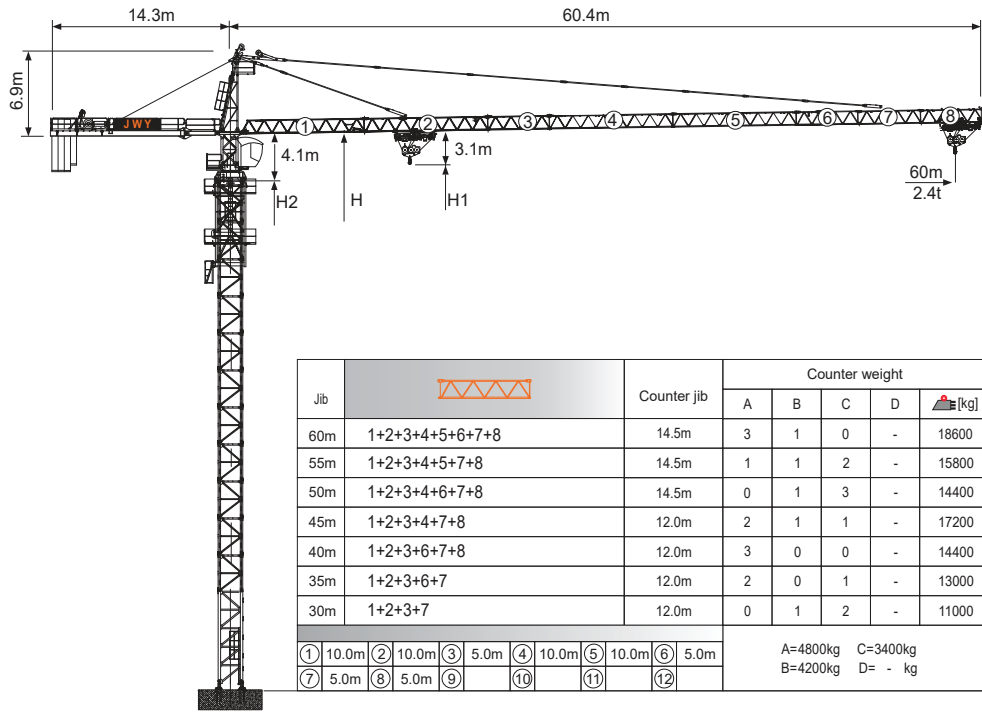


Mechanisms

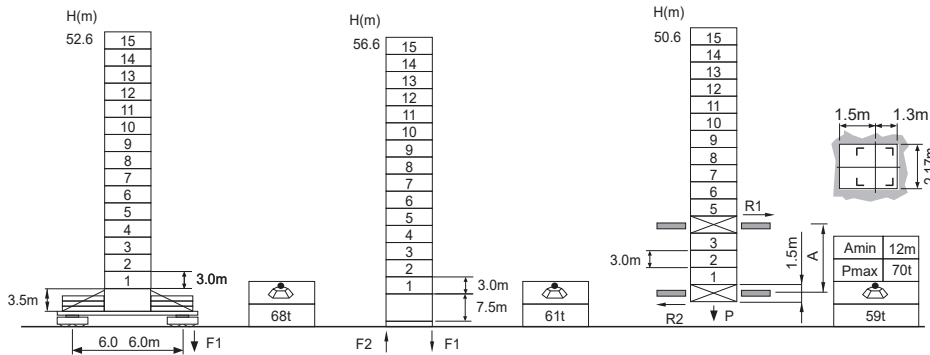
⚙️	60QP25HB-G1	⚙️	m/min	0 ~ 45	0 ~ 90	45kW	⚙️
			t	5	2.5		
⚙️	60LVF25KL	⚙️	m/min	0 ~ 22.5	0 ~ 45	45kW	⚙️
			t	10	5		
⚙️	DVF	⚙️	m/min	0 ~ 60		5.5kW	
			t	5			
⚙️	RCV95	⚙️	rpm	0 ~ 0.7		2x5.5kW	
			t	5			
⚡			380V 50Hz(5%)			75kVA	kVA
			380V 60Hz(5%)				
			440V 60Hz(5%)				

※ Please consult us

⊠ Option



Jib root hinge height



L68B2 2.0m	H	Jib root hinge height (not include the fixing angle)
	H1	Height under hook: $H1 = [H - 3.1m]$
	H2	Tower body height: $H2 = [H - 4.1m]$

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.

F Reactions
Please refer to the user manual for reaction force

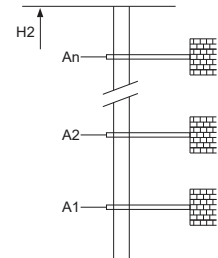
Load diagrams

R	falls	R(C _{MAX})	C _{MAX}	m	15	17	20	22	25	27	30	32	35	37	40	42	45	47	50	52	55	57	60
60m		3.0-31.3	5	t	5.0	5.0	5.0	5.0	5.0	5.0	5.0	4.89	4.43	4.17	3.82	3.62	3.35	3.19	2.97	2.84	2.66	2.55	2.40
		3.0-15.8	10	t	10.0	9.27	7.77	6.99	6.06	5.55	4.92	4.58	4.11	3.84	3.50	3.29	3.02	2.86	2.64	2.51	2.33	2.22	2.07
55m		3.0-32.3	5	t	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	4.45	4.3	4.09	3.87	3.58	3.41	3.18	3.04	2.85		
		3.0-16.8	10	t	10.0	9.89	8.29	7.47	6.48	5.94	5.27	4.89	4.41	4.13	3.76	3.54	3.25	3.08	2.85	2.71	2.52		
50m		3.0-35.1	5	t	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	4.72	4.33	4.10	3.80	3.62	3.37				
		3.0-17.7	10	t	10.0	10.0	8.78	7.91	6.87	6.30	5.59	5.19	4.68	4.39	4.00	3.77	3.47	3.29	3.05				
45m		3.0-36.9	5	t	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	4.99	4.58	4.34	4.02						
		3.0-18.6	10	t	10.0	10.0	9.28	8.36	7.27	6.67	5.93	5.51	4.97	4.66	4.25	4.01	3.69						
40m		3.0-37.6	5	t	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	4.68								
		3.0-19.0	10	t	10.0	10.0	9.48	8.54	7.43	6.82	6.06	5.63	5.08	4.77	4.35								
35m		3.0-35.0	5	t	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0								
		3.0-19.0	10	t	10.0	10.0	9.48	8.54	7.43	6.82	6.06	5.63	5.08										
30m		3.0-30.0	5	t	5.0	5.0	5.0	5.0	5.0	5.0	5.0												
		3.0-19.0	10	t	10.0	10.0	9.48	8.54	7.43	6.82	6.06												

Anchorage

An[m]	A1	A2	A3	A4	A5	A6	A7	A8	A9	A10
An[m]	42.0	69.0	96.0	123.0	150.0	177.0	204.0	231.0	-	-
H2 [m]	82.5	106.5	133.5	160.5	187.5	214.5	241.5	268.5	-	-

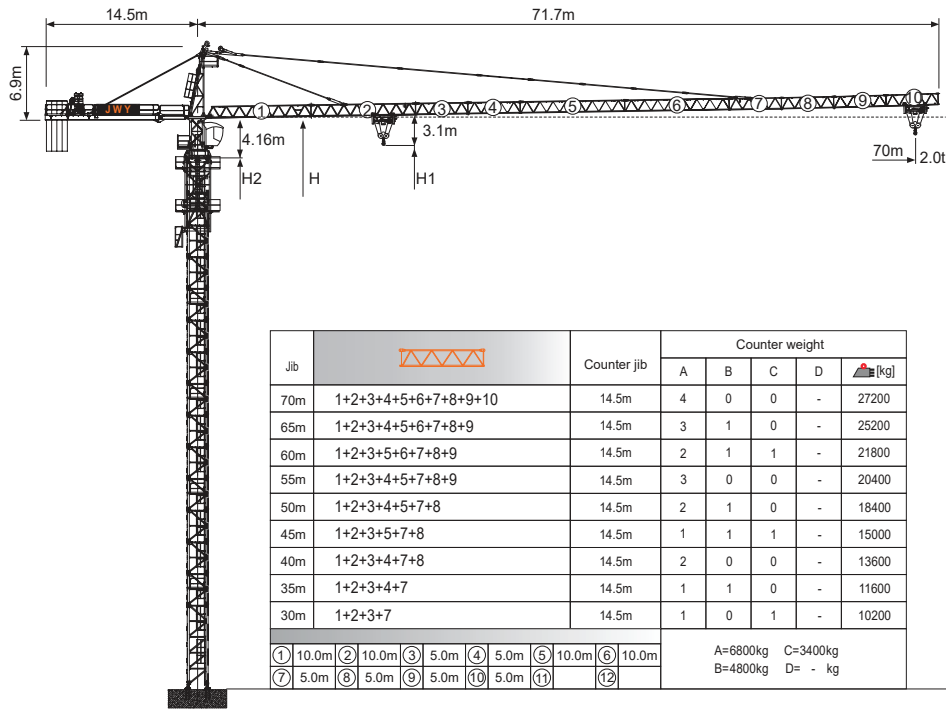
※ Over this height please contact us



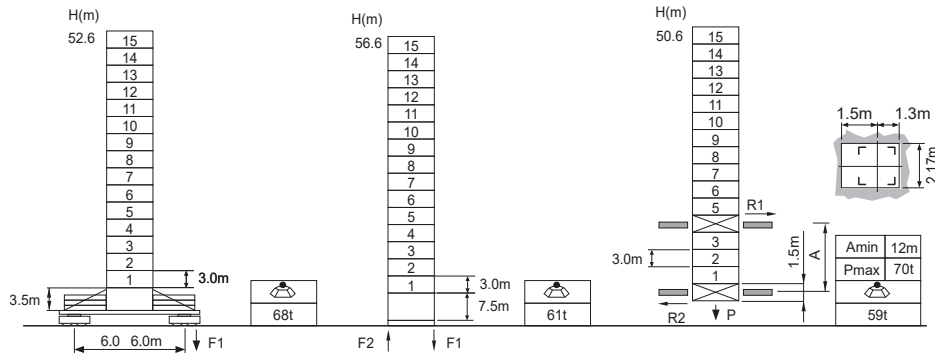
Mechanisms

Mechanism	Model	Speed	Power		Capacity
			45kW	5.5kW	
	60QP25HB-G1	m/min	0 ~ 45	0 ~ 90	45kW
		t	5	2.5	
	60LVF25KL	m/min	0 ~ 22.5	0 ~ 45	45kW
		t	10	5	
	DVF	m/min	0 ~ 42	0 ~ 84	45kW
		t	5	2.5	
	RCV95	m/min	0 ~ 21	0 ~ 42	45kW
		t	10	5	
	380V 50Hz(5%) 380V 60Hz(5%) 440V 60Hz(5%)	m/min		0 ~ 60	5.5kW
		rpm		0 ~ 0.7	
	380V 50Hz(5%) 380V 60Hz(5%) 440V 60Hz(5%)	m/min		0 ~ 60	5.5kW
		rpm		0 ~ 0.7	

※ Please consult us △ Option



Jib root hinge height



L68B2 2.0m	H	Jib root hinge height (not include the fixing angle)	F Reactions Please refer to the user manual for reaction force
	H1	Height under hook: $H1 = [H - 3.1m]$	
	H2	Tower body height: $H2 = [H - 4.16m]$	

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

Load diagrams

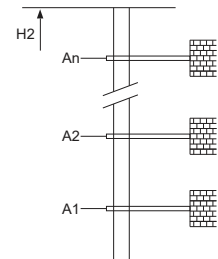
R	falls	R(C _{MAX})	C _{MAX}	m	15	17	20	22	25	27	30	32	35	37	40	42	45	47	50	52	55	57	60	62	65	67	70	
70m		3.0-33.9	5	t	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	4.83	4.52	4.12	3.89	3.57	3.38	3.13	2.98	2.77	2.64	2.47	2.36	2.22	2.13	2.00	
		3.0-18.2	10	t	10.0	10.0	8.97	8.07	6.99	6.40	5.67	5.26	4.73	4.42	4.02	3.79	3.47	3.28	3.03	2.88	2.67	2.54	2.37	2.26	2.12	2.03	1.90	
65m		3.0-34.9	5	t	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	4.99	4.67	4.26	4.02	3.69	3.50	3.24	3.08	2.87	2.74	2.56	2.45	2.30			
		3.0-18.8	10	t	10.0	10.0	9.25	8.32	7.21	6.61	5.85	5.43	4.89	4.57	4.16	3.92	3.59	3.40	3.14	2.98	2.77	2.64	2.46	2.35	2.20			
60m		3.0-37.4	5	t	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	4.62	4.36	4.02	3.81	3.53	3.36	3.13	3.00	2.80					
		3.0-19.9	10	t	10.0	10.0	9.97	8.98	7.79	7.15	6.34	5.88	5.30	4.96	4.52	4.26	3.92	3.71	3.43	3.26	3.03	2.90	2.70					
55m		3.0-39.9	5	t	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	4.98	4.71	4.34	4.12	3.82	3.64	3.40							
		3.0-21.4	10	t	10.0	10.0	10.0	9.64	8.37	7.68	6.82	6.34	5.71	5.35	4.88	4.61	4.24	4.02	3.72	3.54	3.30							
50m		3.0-41.4	5	t	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	4.92	4.54	4.31	4.00									
		3.0-22.3	10	t	10.0	10.0	10.0	10.0	8.73	8.02	7.12	6.62	5.97	5.60	5.11	4.82	4.44	4.21	3.90									
45m		3.0-43.5	5	t	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	4.80											
		3.0-23.4	10	t	10.0	10.0	9.48	10.0	9.21	8.46	7.52	6.99	6.31	5.92	5.41	5.11	4.70											
40m		3.0-40.0	5	t	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0											
		3.0-24.1	10	t	10.0	10.0	10.0	10.0	9.51	8.74	7.77	7.23	6.53	6.13	5.60													
35m		3.0-35.0	5	t	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0														
		3.0-24.1	10	t	10.0	10.0	10.0	10.0	9.51	8.74	7.77	7.23	6.53															
30m		3.0-30.0	5	t	5.0	5.0	5.0	5.0	5.0	5.0	5.0																	
		3.0-24.1	10	t	10.0	10.0	10.0	10.0	9.51	8.74	7.77																	

Anchorage

An[m]	A1	A2	A3	A4	A5	A6	A7	A8	A9	A10
	42.0	69.0	96.0	123.0	150.0	177.0	204.0	231.0	-	-

H2 [m]	82.5	106.5	133.5	160.5	187.5	214.5	241.5	268.5	-	-
								※		

※ Over this height please contact us

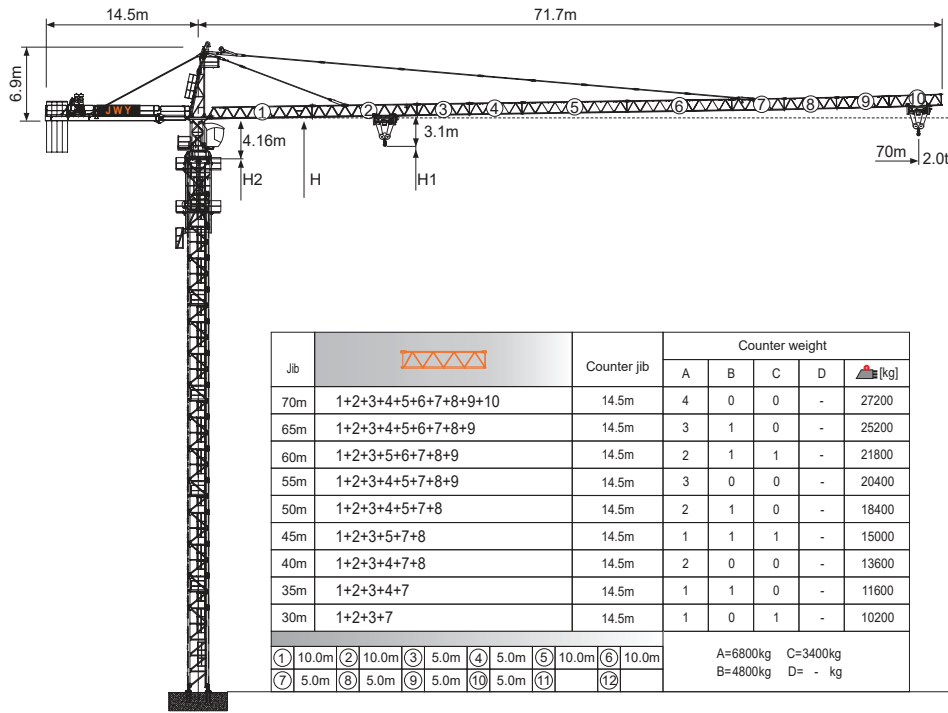


Mechanisms

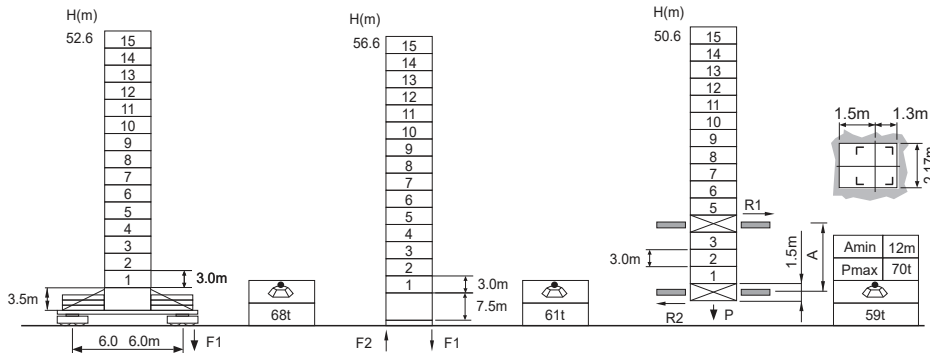
	60QP25HB-G1		m/min	0 ~ 45	0 ~ 90	45kW	
			t	5	2.5		
	60LVF25KL		m/min	0 ~ 22.5	0 ~ 45	45kW	
			t	10	5		
	DVF		m/min	0 ~ 60		5.5kW	
	JH13F		rpm	0 ~ 0.7		2x5.5kW	
			380V 50Hz(5%)		75kVA	kVA	
			380V 60Hz(5%)				
			440V 60Hz(5%)				

※ Please consult us

△ Option



Jib root hinge height



L68B2 2.0m	H	Jib root hinge height (not include the fixing angle)	F Reactions Please refer to the user manual for reaction force
	H1	Height under hook: $H1 = [H - 3.1m]$	
	H2	Tower body height: $H2 = [H - 4.16m]$	

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

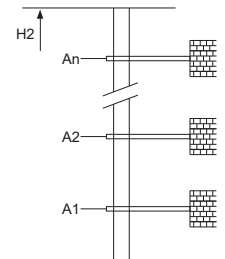
Load diagrams

R	falls	R(C _{max})	C _{max}	m	15	17	20	22	25	27	30	32	35	37	40	42	45	47	50	52	55	57	60	62	65	67	70
70m		3.0 - 28.9	6	t	6.0	6.0	6.0	6.0	6.0	6.0	5.77	5.36	4.83	4.52	4.12	3.89	3.57	3.38	3.13	2.98	2.77	2.64	2.47	2.36	2.22	2.13	2.00
		3.0 - 15.4	12	t	12.0	10.72	8.97	8.07	6.99	6.40	5.67	5.26	4.73	4.42	4.02	3.79	3.47	3.28	3.03	2.88	2.67	2.54	2.37	2.26	2.12	2.03	1.90
65m		3.0 - 29.8	6	t	6.0	6.0	6.0	6.0	6.0	6.0	5.95	5.53	4.99	4.67	4.26	4.02	3.69	3.50	3.24	3.08	2.87	2.74	2.56	2.45	2.30		
		3.0 - 15.8	12	t	12.0	11.04	9.25	8.32	7.21	6.61	5.85	5.43	4.89	4.57	4.16	3.92	3.59	3.40	3.14	2.98	2.77	2.64	2.46	2.35	2.20		
60m		3.0 - 31.9	6	t	6.0	6.0	6.0	6.0	6.0	6.0	6.0	5.98	5.40	5.06	4.62	4.36	4.02	3.81	3.53	3.36	3.13	3.00	2.80				
		3.0 - 16.9	12	t	12.0	11.89	9.97	8.98	7.79	7.15	6.34	5.88	5.30	4.96	4.52	4.26	3.92	3.71	3.43	3.26	3.03	2.90	2.70				
55m		3.0 - 34.0	6	t	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	5.81	5.45	4.98	4.71	4.34	4.12	3.82	3.64	3.40						
		3.0 - 18.1	12	t	12.0	12.0	10.70	9.64	8.37	7.68	6.82	6.34	5.71	5.35	4.88	4.61	4.24	4.02	3.72	3.54	3.30						
50m		3.0 - 35.3	6	t	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	5.70	5.21	4.92	4.54	4.31	4.00					
		3.0 - 18.8	12	t	12.0	12.0	11.15	10.05	8.73	8.02	7.12	6.62	5.97	5.60	5.11	4.82	4.44	4.21	3.90								
45m		3.0 - 37.1	6	t	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	5.51	5.21	4.80								
		3.0 - 19.7	12	t	12.0	12.0	11.75	10.59	9.21	8.46	7.52	6.99	6.31	5.92	5.41	5.11	4.70										
40m		3.0 - 38.2	6	t	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	5.7								
		3.0 - 20.3	12	t	12.0	12.0	12.0	10.93	9.51	8.74	7.77	7.23	6.53	6.13	5.60												
35m		3.0 - 35.0	6	t	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0													
		3.0 - 20.3	12	t	12.0	12.0	12.0	10.93	9.51	8.74	7.77	7.23	6.53														
30m		3.0 - 30.0	6	t	6.0	6.0	6.0	6.0	6.0	6.0	6.0																
		3.0 - 20.3	12	t	12.0	12.0	12.0	10.93	9.51	8.74	7.77																

Anchorage

An[m]	A1	A2	A3	A4	A5	A6	A7	A8	A9	A10
	42.0	69.0	96.0	123.0	150.0	177.0	204.0	231.0	-	-
H2 [m]	82.5	106.5	133.5	160.5	187.5	214.5	241.5	268.5 ※	-	-

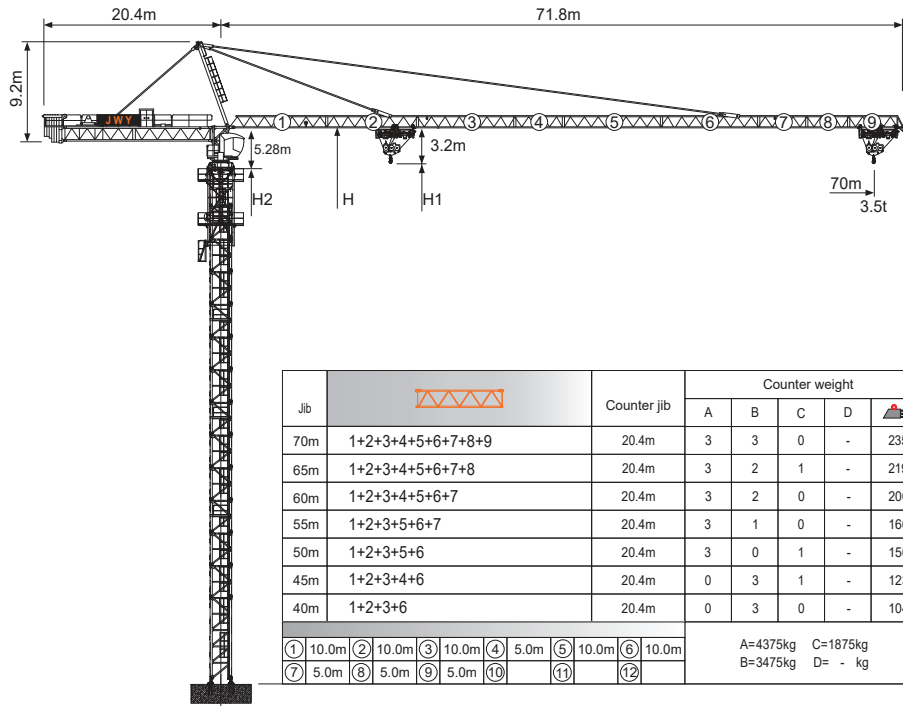
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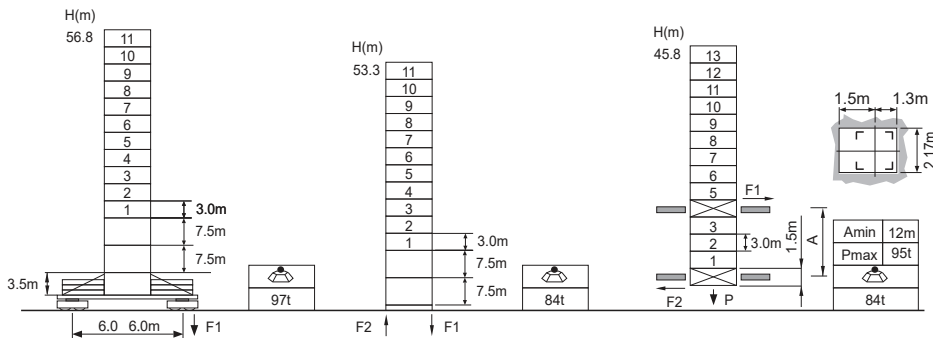
Mechanisms

	75QP30HS-G8		m/min	0 ~ 45	0 ~ 90	55kW	
			t	6.0	3.0		
	DVF		m/min	0 ~ 22.5	0 ~ 45	5.5kW	660m >660m※
			t	12.0	6.0		
	JH13F		rpm	0 ~ 0.7		2 x 5.5kW	
				380V 50Hz(5%) 380V 60Hz(5%) 440V 60Hz(5%)	85kVA		kVA

※ Please consult us △ Option



Jib root hinge height



L68B2	H	Jib root hinge height (not include the fixing angle)	
□ 2.0m	H1	Height under hook: $H1 = [H - 3.2m]$	
	H2	Tower body height: $H2 = [H - 5.28m]$	

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.

F Reactions
 Please refer to the user manual for reaction force

Load diagrams

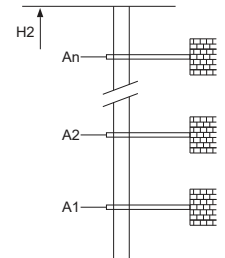
R	falls	R(C _{MAX})	C _{MAX}	m	15	17	20	22	25	27	30	32	35	37	40	42	45	47	50	52	55	57	60	22	65	67	70	
70m		3.3-34.0	8	t	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	7.75	7.29	6.69	6.33	5.86	5.58	5.20	4.97	4.66	4.47	4.21	4.05	3.83	3.69	3.50	
		3.3-17.1	16	t	16.0	16.0	13.49	12.14	10.52	9.63	8.53	7.91	7.12	6.66	6.06	5.70	5.23	4.95	4.57	4.34	4.03	3.84	3.58	3.42	3.20	3.06	2.87	
65m		3.3-35.4	8t	t	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	7.63	7.00	6.63	6.14	5.85	5.45	5.21	4.89	4.69	4.42	4.25	4.02			
		3.3-17.8	16	t	16.0	16.0	14.12	12.71	11.02	10.10	8.95	8.31	7.48	7.00	6.37	6.00	5.51	5.22	4.82	4.58	4.26	4.06	3.79	3.62	3.39			
60m		3.3-36.5	8	t	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	7.90	7.25	6.87	6.36	6.06	5.65	5.41	5.07	4.87	4.59					
		3.3-18.4	16	t	16	16	14.62	13.17	11.42	10.47	9.29	8.62	7.76	7.27	6.62	6.24	5.73	5.43	5.02	4.77	4.44	4.23	3.95					
55m		3.3-37.7	8	t	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	7.50	7.11	6.59	6.27	5.85	5.60	5.25							
		3.3-18.9	16	t	16.0	16.0	15.12	13.62	11.82	10.84	9.62	8.93	8.05	7.54	6.87	6.48	5.95	5.64	5.22	4.97	4.62							
50m		3.3-38.8	8	t	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	7.75	7.35	6.81	6.49	6.05								
		3.3-19.5	16	t	16.0	16.0	15.62	14.07	12.22	11.21	9.95	9.25	8.33	7.81	7.12	6.72	6.18	5.85	5.42									
45m		3.3-40.0	8	t	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	7.59	7.03										
		3.3-20.1	16	t	16.0	16.0	16.0	14.53	12.62	11.58	10.29	9.56	8.62	8.08	7.37	6.95	6.40											
40m		3.3-40.0	8	t	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0												
		3.3-20.1	16	t	16.0	16.0	16.0	15.21	13.22	12.14	10.79	10.03	9.05	8.48	7.75													

Anchorage

An[m]	A1	A2	A3	A4	A5	A6	A7	A8	A9	A10
	37.5	64.5	91.5	118.5	145.5	172.5	199.5	226.5	253.5	-

H2 [m]	75.0	102.0	129.0	156.0	183.0	210.0	237.0	224.0	291.0	*

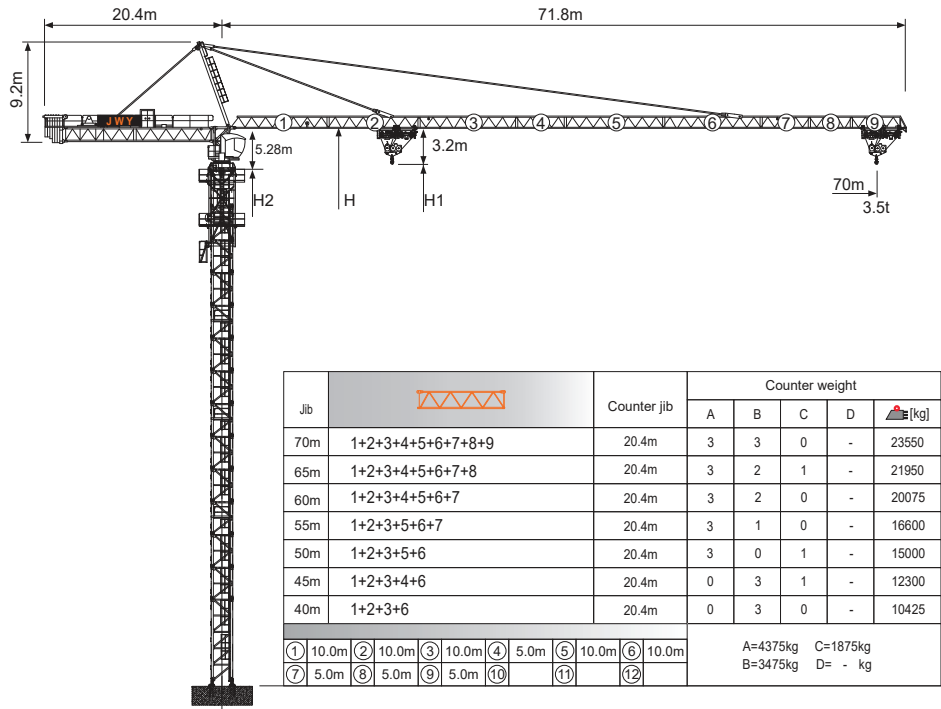
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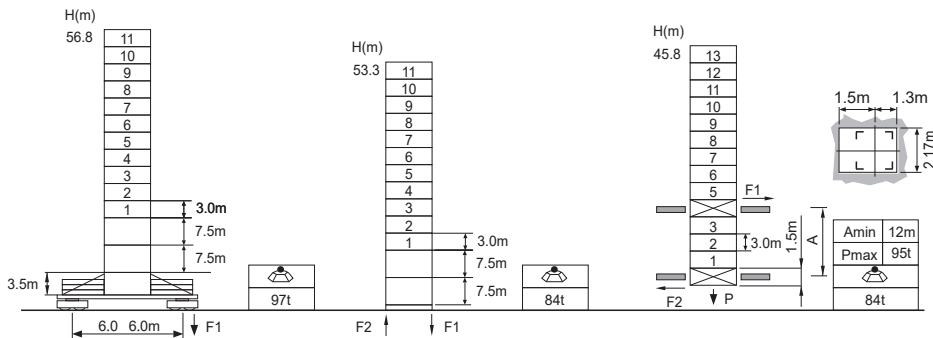
Mechanisms

	75JLF40		m/min	50	74	75KW	
			t	8	4		
	DVF		m/min	0 ~ 65		7.5kW	
			t	16			
	RCV145		rpm	0 ~ 0.8		2x7.5kW	
	380V 50Hz(5%) 380V 60Hz(5%) 440V 60Hz(5%)			115kVA		kVA	

* Please consult us △ Option



Jib root hinge height



L68B2	H	Jib root hinge height (not include the fixing angle)
□ 2.0m	H1	Height under hook: $H1 = [H - 3.2m]$
	H2	Tower body height: $H2 = [H - 5.28m]$

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.

F Reactions
Please refer to the user manual for reaction force

Load diagrams

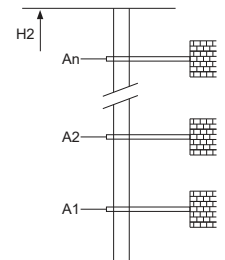
R	falls	R(C _{MAX})	C _{MAX}	m	15	17	20	22	25	27	30	32	35	37	40	42	45	47	50	52	55	57	60	62	65	67	70	
70m		3.3-44.1	6	t	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	5.86	5.58	5.20	4.97	4.66	4.47	4.21	4.05	3.83	3.69	3.50	
		3.3-22.8	12	t	12.0	12.0	12.0	12.0	10.52	9.63	8.53	7.91	7.12	6.66	6.06	5.70	5.23	4.95	4.57	4.34	4.03	3.84	3.58	3.42	3.20	3.06	2.87	
65m		3.3-46.5	6	t	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	5.85	5.45	5.21	4.89	4.69	4.42	4.25	4.02				
		3.3-23.7	12	t	12.0	12.0	12.0	12.0	11.02	10.10	8.95	8.31	7.48	7.00	6.37	6.00	5.51	5.22	4.82	4.58	4.26	4.06	3.79	3.62	3.39			
60m		3.3-48.6	6	t	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	5.65	5.41	5.07	4.87	4.59							
		3.3-24.5	12	t	12.0	12.0	12.0	12.0	11.42	10.47	9.29	8.62	7.76	7.27	6.62	6.24	5.73	5.43	5.02	4.77	4.44	4.23	3.95					
55m		3.3-49.1	6	t	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	5.85	5.60	5.25									
		3.3-24.7	12	t	12.0	12.0	12.0	12.0	11.82	10.84	9.62	8.93	8.05	7.54	6.87	6.48	5.95	5.64	5.22	4.97	4.62							
50m		3.3-50.0	6	t	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
		3.3-26.0	12	t	12.0	12.0	12.0	12.0	12.0	11.21	9.95	9.25	8.33	7.81	7.12	6.72	6.18	5.85	5.42									
45m		3.3-45.0	6	t	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
		3.3-26.8	12	t	12.0	12.0	12.0	12.0	12.0	11.58	10.29	9.56	8.62	8.08	7.37	6.95	6.40											
40m		3.3-40.0	6	t	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
		3.3-27.2	12	t	12.0	12.0	12.0	12.0	12.0	10.79	10.03	9.05	8.48	7.75														

Anchorage

An[m]	A1	A2	A3	A4	A5	A6	A7	A8	A9	A10
	37.5	64.5	91.5	118.5	145.5	172.5	199.5	226.5	253.5	-

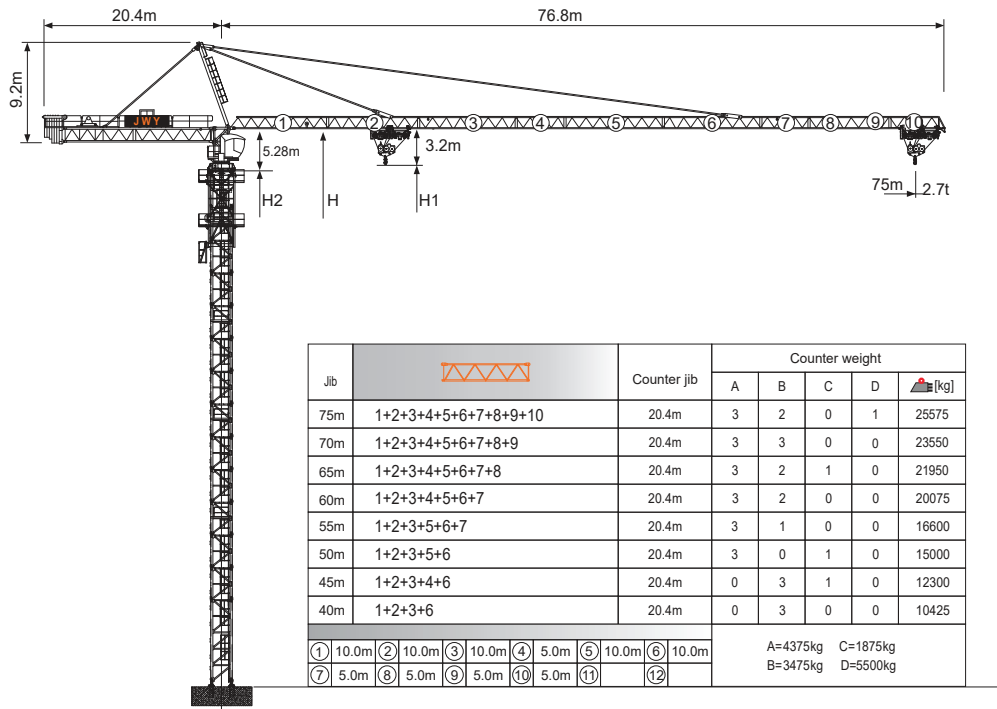
H2 [m]	75.0	102.0	129.0	156.0	183.0	210.0	237.0	224.0	291.0	-
									*	

* Over this height please contact us

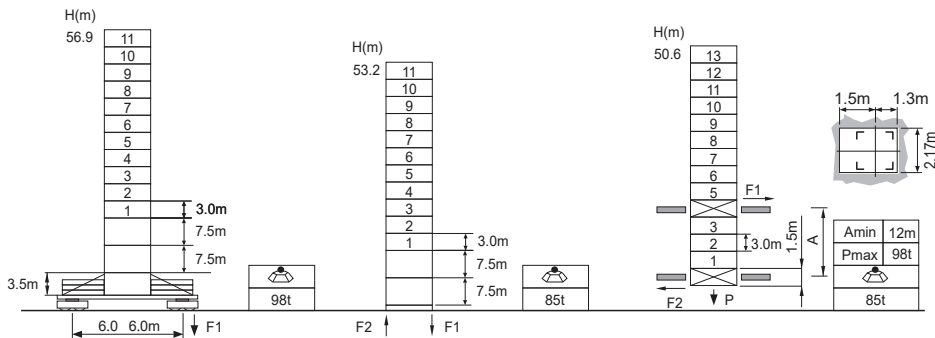


Mechanisms

	75QFK30		m/min	45	90	55KW	
		t	6	3			
	DVF		m/min	22.5	40	2x7.5KW	730m >730m*
		t	12	6			
	RCV145		rpm	0 ~ 65	0 ~ 0.8	kVA	
			380V 50Hz(5%)	90kVA			
			380V 60Hz(5%) 440V 60Hz(5%)				
* Please consult us		△ Option					



Jib root hinge height



L68B2	H	Jib root hinge height (not include the fixing angle)
2.0m	H1	Height under hook: $H1 = [H - 3.2m]$
	H2	Tower body height: $H2 = [H - 5.28m]$

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.

F Reactions
Please refer to the user manual for reaction force

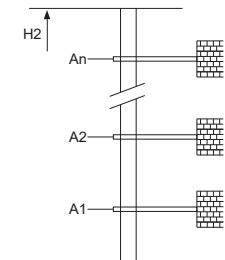
Load diagrams

R	falls	R(C _{MAX})	C _{MAX}	m	15	17	20	22	25	27	30	32	35	37	40	42	45	47	50	52	55	57	60	62	65	67	70	72	75
75m		3.3~29.5	8	t	8.0	8.0	8.0	8.0	8.0	7.87	7.33	6.64	6.24	5.71	5.41	5.00	4.75	4.42	4.22	3.95	3.76	3.56	3.42	3.23	3.11	2.94	2.84	2.70	
70m		3.3~14.8	16	t	15.85	13.83	11.55	10.37	8.96	8.19	7.24	6.70	6.01	5.61	5.08	4.77	4.36	4.12	3.79	3.59	3.32	3.16	2.93	2.79	2.60	2.48	2.31	2.21	
70m		3.3~34.0	8	t	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	7.75	7.29	6.69	6.33	5.86	5.58	5.20	4.97	4.66	4.47	4.21	4.05	3.83	3.69	3.50		
70m		3.3~17.1	16	t	16.0	16.0	13.48	12.14	10.52	9.63	8.53	7.91	7.12	6.66	6.06	5.70	5.23	4.95	4.57	4.34	4.03	3.84	3.58	3.42	3.20	3.06	2.87		
65m		3.3~35.4	8	t	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	7.63	7.00	6.63	6.14	5.85	5.45	5.21	4.89	4.69	4.42	4.25	4.02				
65m		3.3~17.8	16	t	16.0	16.0	14.12	12.71	11.02	10.10	8.95	8.31	7.48	7.00	6.37	6.00	5.51	5.22	4.82	4.58	4.26	4.06	3.79	3.62	3.39				
60m		3.3~36.5	8	t	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	7.90	7.25	6.87	6.36	6.06	5.65	5.41	5.07	4.87	4.59						
60m		3.3~18.4	16	t	16	16	14.62	13.17	11.42	10.47	9.29	8.62	7.76	7.27	6.62	6.24	5.73	5.43	5.02	4.77	4.44	4.23	3.95						
60m		3.3~37.7	8	t	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	7.50	7.11	6.59	6.27	5.85	5.60	5.25								
60m		3.3~18.9	16	t	16.0	16.0	15.12	13.62	11.82	10.84	9.62	8.93	8.05	7.54	6.87	6.48	5.95	5.64	5.22	4.97	4.62								
60m		3.3~38.8	8	t	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	7.75	7.35	6.81	6.49	6.05										
60m		3.3~19.5	16	t	16.0	16.0	15.62	14.07	12.23	11.21	9.95	9.25	8.33	7.81	7.12	6.72	6.18	5.85	5.42										
60m		3.3~40.0	8	t	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	7.59	7.03												
60m		3.3~20.1	16	t	16.0	16.0	16.0	14.53	12.62	11.58	10.29	9.56	8.62	8.08	7.37	6.95	6.40												
45m		3.3~40.0	8	t	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0												
40m		3.3~20.1	16	t	16.0	16.0	16.0	15.21	13.22	12.14	10.79	10.03	9.05	8.48	7.75														

Anchorage

An[m]	A1	A2	A3	A4	A5	A6	A7	A8	A9	A10
An	37.5	64.5	91.5	118.5	145.5	172.5	199.5	226.5	253.5	-
H2 [m]	75.0	102.0	129.0	156.0	183.0	210.0	237.0	224.0	291.0	-

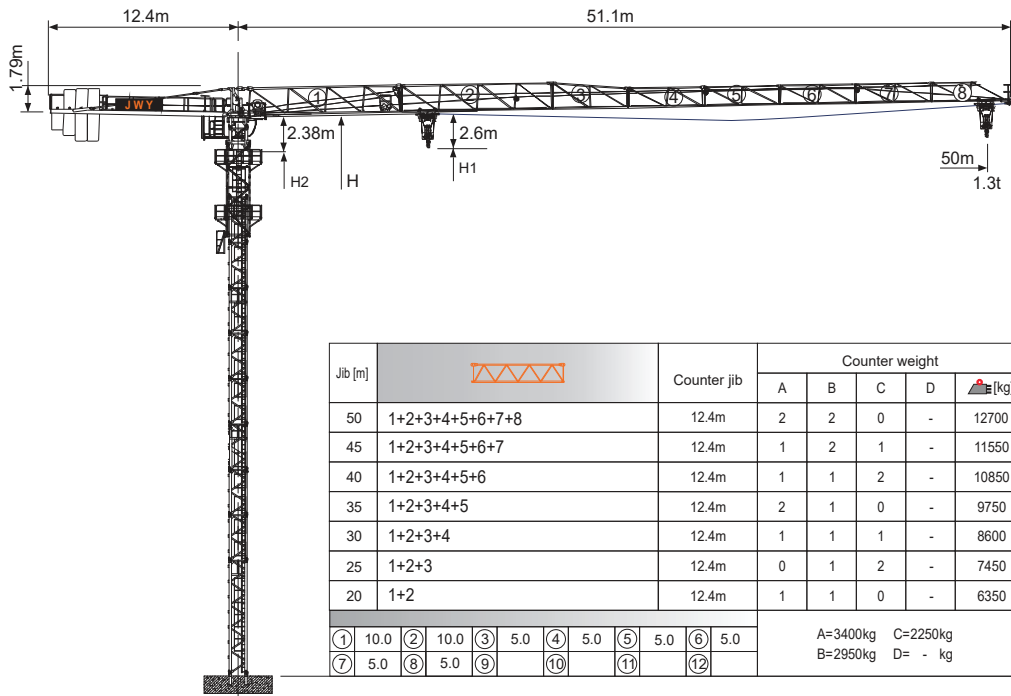
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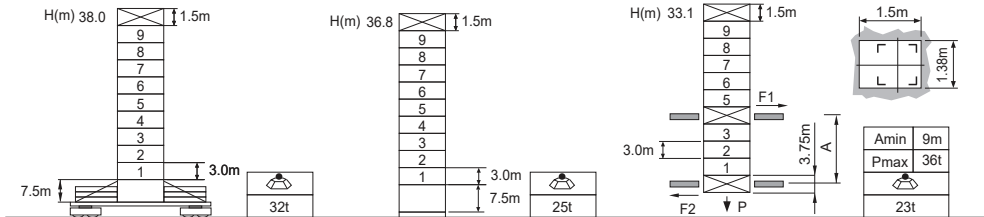
Mechanisms

	75JLF40	m/min	50	74	75KW	
		t	8	4		
	DVF	m/min	0~65		7.5kW	
	RCV145	rpm	0~0.8		2x7.5kW	
	380V 50Hz(5%) 380V 60Hz(5%) 440V 60Hz(5%)		115kVA		kVA	

※ Please consult us △ Option



Jib root hinge height



S24A1	H	Jib root hinge height (not include the fixing angle)	
□1.2m	H1	Height under hook: H1 = [H - 2.6m]	
	H2	Tower body height: H2 = [H - 2.38m]	

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.

F Reactions
Please refer to the user manual for reaction force

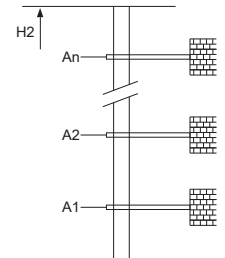
Load diagrams

R	falls	R(C _{MAX})	C _{MAX}	m	12	15	17	20	22	25	27	30	32	35	37	40	42	45	47	50
50m		2.3~25.1	3.0	t	3.0	3.0	3.0	3.0	3.0	3.0	2.76	2.44	2.26	2.03	1.90	1.73	1.63	1.49	1.41	1.30
		2.3~13.1	6.0	t	6.0	5.19	4.52	3.77	3.38	2.91	2.66	2.34	2.16	1.93	1.80	1.63	1.53	1.39	1.31	1.20
45m		2.3~28.0	3.0	t	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.77	2.57	2.32	2.17	1.98	1.86	1.71		
		2.3~14.6	6.0	t	6.0	5.86	5.11	4.27	3.83	3.31	3.03	2.67	2.47	2.22	2.07	1.88	1.76	1.61		
40m		2.3~30.9	3.0	t	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.89	2.60	2.44	2.23				
		2.3~16.2	6.0	t	6.0	6.0	5.70	4.77	4.29	3.71	3.40	3.01	2.79	2.50	2.34	2.13				
35m		2.3~33.8	3.0	t	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.89		
		2.3~17.7	6.0	t	6.0	6.0	6.0	5.27	4.74	4.11	3.77	3.34	3.10	2.50						
30m		2.3~30.0	3.0	t	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0		
		2.3~17.7	6.0	t	6.0	6.0	6.0	5.27	4.74	4.11	3.77	3.34								
25m		2.3~25.0	3.0	t	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0		
		2.3~17.7	6.0	t	6.0	6.0	6.0	5.27	4.74	4.11										
20m		2.3~20.0	3.0	t	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0		
		2.3~17.7	6.0	t	6.0	6.0	6.0	5.27	4.74	4.11										

Anchorage

An [m]	A1	A2	A3	A4	A5	A6	A7	A8	A9	A10
	24.0	36.0	48.0	60.0	72.0	84.0	96.0	108.0	-	-
H2 [m]	49.5	61.5	73.5	85.5	97.5	106.5	118.5	130.5	-	-

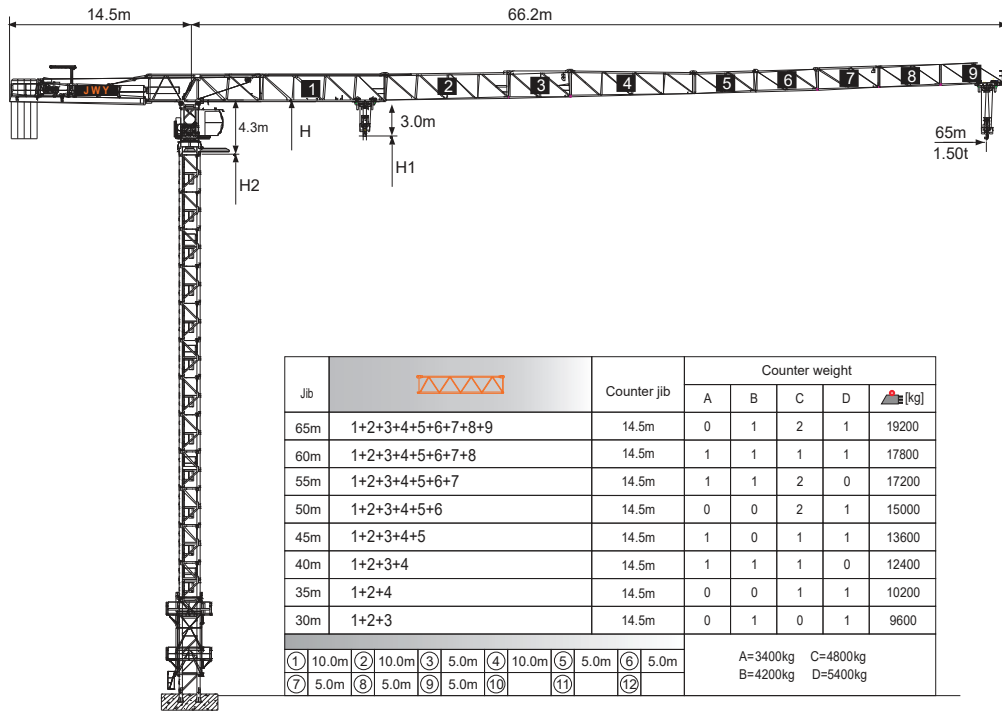
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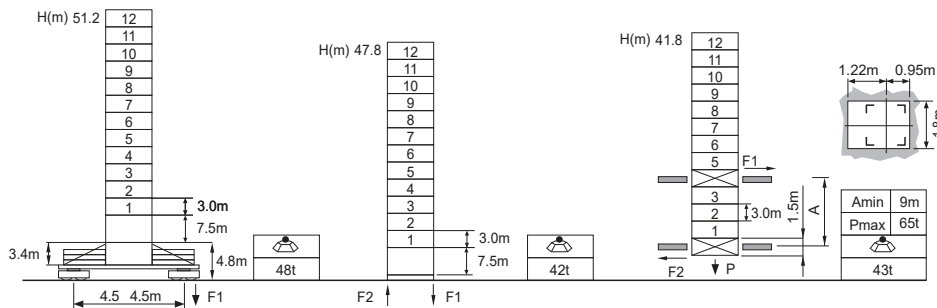
Mechanisms

Icon	Model	Unit	Values		Power
			Value 1	Value 2	
	30LVF15	m/min	42	63	22kW
		t	3.0	1.5	
	DVF	m/min	0~58		5.5kW
		t	6.0		
	RCV95	rpm	0~0.8		5.5kW
	380V 50Hz(5%)		35kVA		kVA
	380V 60Hz(5%)				
	440V 60Hz(5%)				

※ Please consult us △ Option



Jib root hinge height



L46A1	H	Jib root hinge height (not include the fixing angle)
□1.6m	H1	Height under hook: H1 = [H - 3.0m]
	H2	Tower body height: H2 = [H - 4.3m]

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.

F Reactions
Please refer to the user manual for reaction force

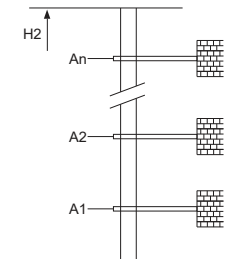
Load diagrams

R	falls	R(C _{MAX})	C _{MAX}	m	15	17	20	22	25	27	30	32	35	37	40	42	45	47	50	52	55	57	60	62	65
65m		3.0~30.2	4	t	4.0	4.0	4.0	4.0	4.0	4.0	4.0	3.80	3.41	3.19	2.90	2.72	2.49	2.36	2.17	2.06	1.90	1.81	1.69	1.61	1.50
		3.0~16.3	8	t	8.0	7.70	6.42	5.76	4.97	4.54	4.00	3.70	3.31	3.09	2.80	2.62	2.39	2.26	2.07	1.96	1.80	1.71	1.59	1.51	1.40
60m		3.0~34.6	4	t	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	3.76	3.43	3.23	2.96	2.81	2.59	2.47	2.29	2.19	2.04		
		3.0~18.6	8	t	8.0	8.0	7.48	6.72	5.82	5.33	4.71	4.36	3.92	3.66	3.33	3.13	2.86	2.71	2.49	2.37	2.19	2.09	1.94		
55m		3.0~39.2	4	t	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	3.95	3.75	3.45	3.27	3.03	2.89	2.69				
		3.0~21.1	8	t	8.0	8.0	8.0	7.72	6.70	6.14	5.44	5.05	4.55	4.26	3.85	3.65	3.35	3.17	2.93	2.79	2.59				
50m		3.0~39.2	4	t	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	3.95	3.75	3.45	3.27	3.03					
		3.0~21.1	8	t	8.0	8.0	8.0	7.72	6.70	6.14	5.44	5.05	4.55	4.26	3.85	3.65	3.35	3.17	2.93						
45m		3.0~39.2	4	t	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	3.95	3.75	3.45							
		3.0~21.1	8	t	8.0	8.0	8.0	7.72	6.70	6.14	5.44	5.05	4.55	4.26	3.85	3.65	3.35								
40m		3.0~39.2	4	t	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	3.95									
		3.0~21.1	8	t	8.0	8.0	8.0	7.72	6.70	6.14	5.44	5.05	4.55	4.26	3.85										
35m		3.0~35.0	4	t	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0									
		3.0~21.1	8	t	8.0	8.0	8.0	7.72	6.70	6.14	5.44	5.05	4.55												
30m		3.0~30.0	4	t	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0									
		3.0~21.1	8	t	8.0	8.0	8.0	7.72	6.70	6.14	5.44	5.05													

Anchorage

An[m]	A1	A2	A3	A4	A5	A6	A7	A8	A9	A10
	33.0	54.0	75.0	96.0	117.0	138.0	-	-	-	-
H2 [m]	67.5	88.5	106.5	127.5	148.5	169.5	※	-	-	-

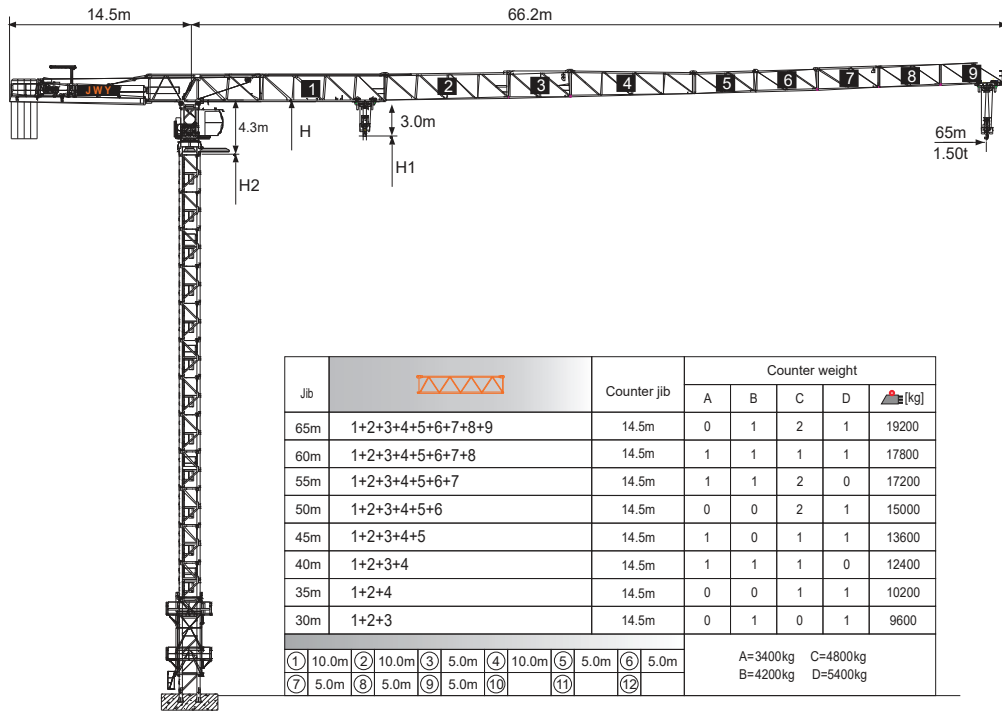
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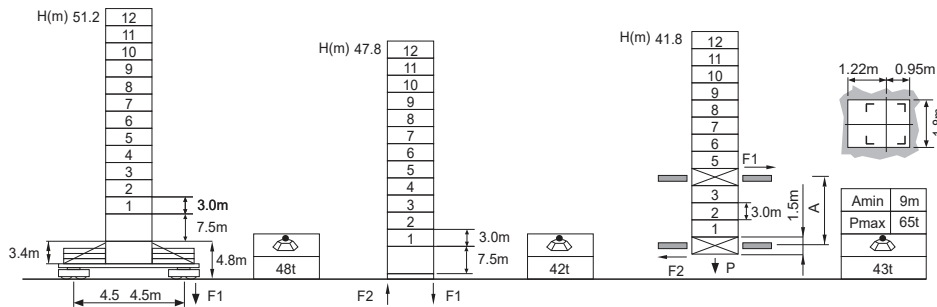
Mechanisms

	50QP20HS-CG5		m/min	40	80	37KW	
		t	4	2			
	50LVF20K-LC		m/min	20	40	37kW	
		t	8	4			
	50LVF20K-LC		m/min	0 ~ 42	0 ~ 84	37kW	
		t	4	2			
	50LVF20K-LC		m/min	0 ~ 21	0 ~ 42	37kW	
		t	8	4			
	DVF	m/min	0 ~ 60		5.5kW		
	JH13F	rpm	0 ~ 0.7		2×5.5kW		
			380V 50Hz(5%) 380V 60Hz(5%) 440V 60Hz(5%)		65kVA	kVA	

※ Please consult us △ Option



Jib root hinge height



L46A1	H	Jib root hinge height (not include the fixing angle)	F Reactions Please refer to the user manual for reaction force
□1.6m	H1	Height under hook: H1 = [H - 3.0m]	
	H2	Tower body height: H2 = [H - 4.3m]	

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.

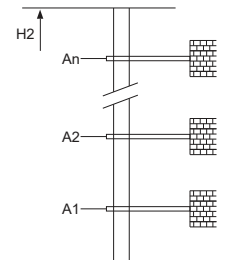
Load diagrams

R	falls	R(C _{MAX})	C _{MAX}	m	15	17	20	22	25	27	30	32	35	37	40	42	45	47	50	52	55	57	60	62	65
65m		3.0-25.0	5	t	5.0	5.0	5.0	5.0	5.0	4.64	4.10	3.80	3.41	3.19	2.90	2.72	2.49	2.36	2.17	2.06	1.90	1.81	1.69	1.61	1.50
		3.0-13.3	10	t	8.84	7.70	6.42	5.76	4.97	4.54	4.00	3.70	3.31	3.09	2.80	2.62	2.39	2.26	2.07	1.96	1.80	1.71	1.59	1.51	1.40
60m		3.0-15.2	10	t	10.0	8.95	7.48	6.72	5.82	5.33	4.71	4.36	3.92	3.66	3.33	3.13	2.86	2.71	2.49	2.37	2.19	2.09	1.90		
		3.0-32.4	5	t	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	4.65	4.36	3.95	3.75	3.45	3.27	3.03	2.89	2.69				
55m		3.0-17.2	10	t	10.0	10.0	8.48	7.72	6.70	6.14	5.44	5.05	4.55	4.26	3.85	3.65	3.35	3.17	2.93	2.79	2.59				
		3.0-32.4	5	t	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	4.65	4.36	3.95	3.75	3.45	3.27	3.03						
50m		3.0-17.2	10	t	10.0	10.0	8.48	7.72	6.70	6.14	5.44	5.05	4.55	4.26	3.85	3.65	3.35	3.17	2.93						
		3.0-32.4	5	t	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	4.65	4.36	3.95	3.75	3.45	3.27	3.03						
45m		3.0-17.2	10	t	10.0	10.0	8.48	7.72	6.70	6.14	5.44	5.05	4.55	4.26	3.85	3.65	3.35								
		3.0-32.4	5	t	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	4.65	4.36	3.95	3.75	3.45								
40m		3.0-17.2	10	t	10.0	10.0	8.48	7.72	6.70	6.14	5.44	5.05	4.55	4.26	3.85										
		3.0-32.4	5	t	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	4.65	4.36	3.95										
35m		3.0-17.2	10	t	10.0	10.0	8.48	7.72	6.70	6.14	5.44	5.05	4.55	4.26	3.85										
		3.0-32.4	5	t	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	4.65	4.36	3.95										
30m		3.0-17.2	10	t	10.0	10.0	8.48	7.72	6.70	6.14	5.44	5.05	4.55	4.26	3.85										
		3.0-30.0	5	t	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	4.65	4.36	3.95										

Anchorage

An[m]	A1	A2	A3	A4	A5	A6	A7	A8	A9	A10
	33.0	54.0	75.0	96.0	117.0	138.0	-	-	-	-
H2 [m]	67.5	88.5	106.5	127.5	148.5	169.5	*	-	-	-

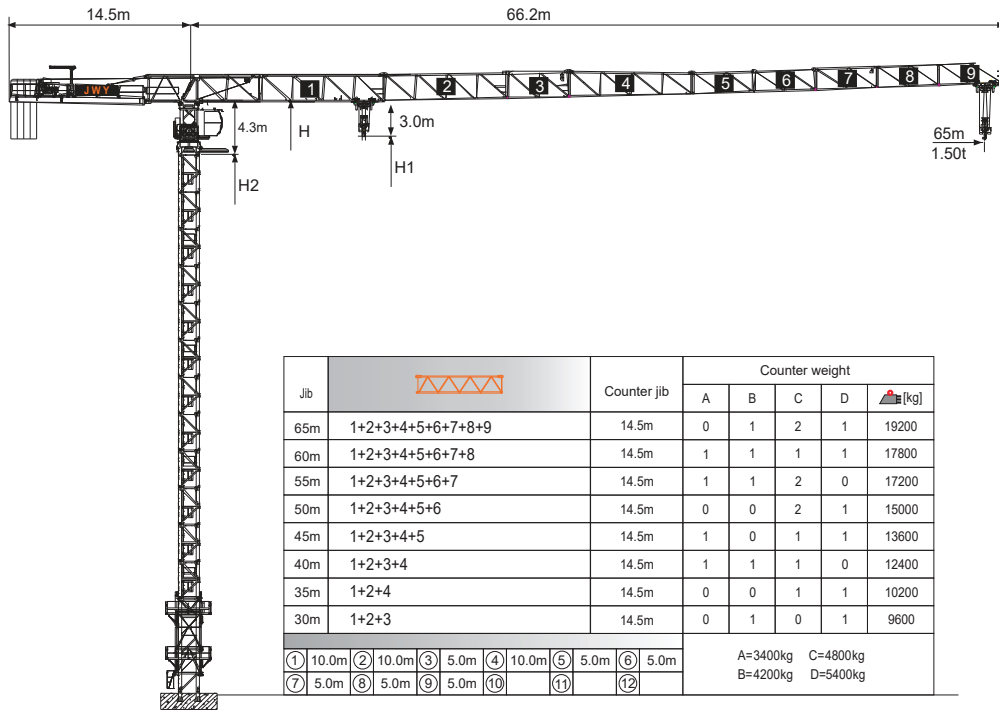
* Over this height please contact us



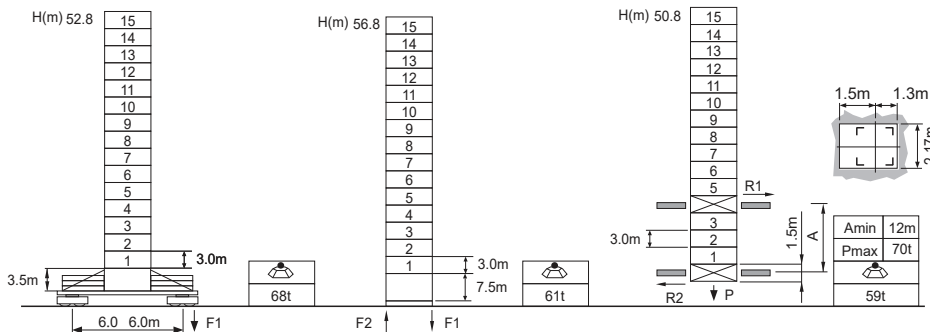
Mechanisms

	60QP25HB-G1		m/min	0 ~ 45	0 ~ 90	45kW	
		t	5	2.5			
	60LVF25KL		m/min	0 ~ 22.5	0 ~ 45	45kW	
		t	10	5			
	DVF		m/min	0 ~ 42	0 ~ 84	45kW	
		t	5	2.5			
	JH13F		m/min	0 ~ 21	0 ~ 42	45kW	
		t	10	5			
			m/min	0 ~ 60		5.5kW	
			rpm	0 ~ 0.7		2x5.5kW	
			380V 50Hz(5%) 380V 60Hz(5%) 440V 60Hz(5%)	75kVA		kVA	

* Please consult us △ Option



Jib root hinge height



L68B2 2.0m	H	Jib root hinge height (not include the fixing angle)	F Reactions Please refer to the user manual for reaction force
	H1	Height under hook: $H1 = [H - 3.0m]$	
	H2	Tower body height: $H2 = [H - 4.3m]$	

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.

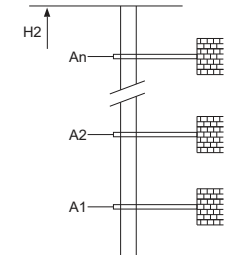
Load diagrams

R	falls	R(C _{MAX})	C _{MAX}	m	15	17	20	22	25	27	30	32	35	37	40	42	45	47	50	52	55	57	60	62	65
65m		3.0~30.2	4	t	4.0	4.0	4.0	4.0	4.0	4.0	4.0	3.80	3.41	3.19	2.90	2.72	2.49	2.36	2.17	2.06	1.90	1.81	1.69	1.61	1.50
		3.0~16.3	8	t	8.0	7.70	6.42	5.76	4.97	4.54	4.00	3.70	3.31	3.09	2.80	2.62	2.39	2.26	2.07	1.96	1.80	1.71	1.59	1.51	1.40
60m		3.0~34.6	4	t	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	3.76	3.43	3.23	2.96	2.81	2.59	2.47	2.29	2.19	2.04		
		3.0~18.6	8	t	8.0	8.0	7.48	6.72	5.82	5.33	4.71	4.36	3.92	3.66	3.33	3.13	2.86	2.71	2.49	2.37	2.19	2.09	1.94		
55m		3.0~39.2	4	t	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	3.95	3.75	3.45	3.27	3.03	2.89	2.69					
		3.0~21.1	8	t	8.0	8.0	8.0	7.72	6.70	6.14	5.44	5.05	4.55	4.26	3.85	3.65	3.35	3.17	2.93	2.79	2.59				
50m		3.0~39.2	4	t	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	3.95	3.75	3.45	3.27	3.03						
		3.0~21.1	8	t	8.0	8.0	8.0	7.72	6.70	6.14	5.44	5.05	4.55	4.26	3.85	3.65	3.35	3.17	2.93						
45m		3.0~39.2	4	t	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	3.95	3.75	3.45								
		3.0~21.1	8	t	8.0	8.0	8.0	7.72	6.70	6.14	5.44	5.05	4.55	4.26	3.85	3.65	3.35								
40m		3.0~39.2	4	t	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	3.95										
		3.0~21.1	8	t	8.0	8.0	8.0	7.72	6.70	6.14	5.44	5.05	4.55	4.26	3.85										
35m		3.0~35.0	4	t	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0											
		3.0~21.1	8	t	8.0	8.0	8.0	7.72	6.70	6.14	5.44	5.05	4.55												
30m		3.0~30.0	4	t	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0											
		3.0~21.1	8	t	8.0	8.0	8.0	7.72	6.70	6.14	5.44	5.05	4.55												

Anchorage

An[m]	A1	A2	A3	A4	A5	A6	A7	A8	A9	A10
	42.0	69.0	96.0	123.0	150.0	177.0	204.0	231.0	-	-
H2 [m]	82.5	106.5	133.5	160.5	187.5	214.5	241.5	268.5 ※	-	-

※ Over this height please contact us

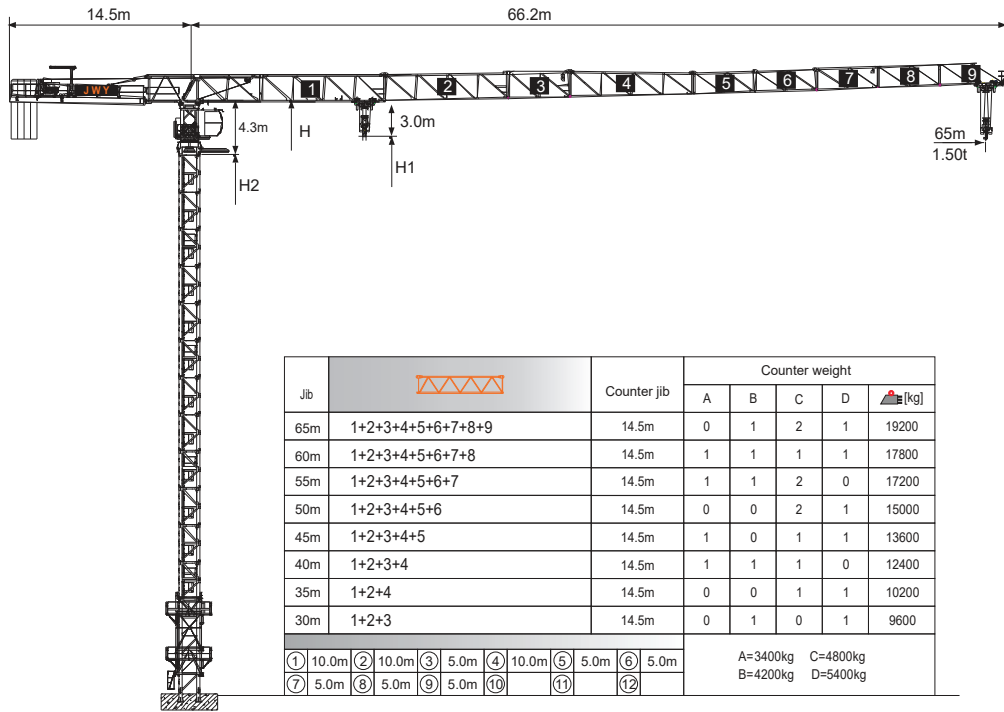


Mechanisms

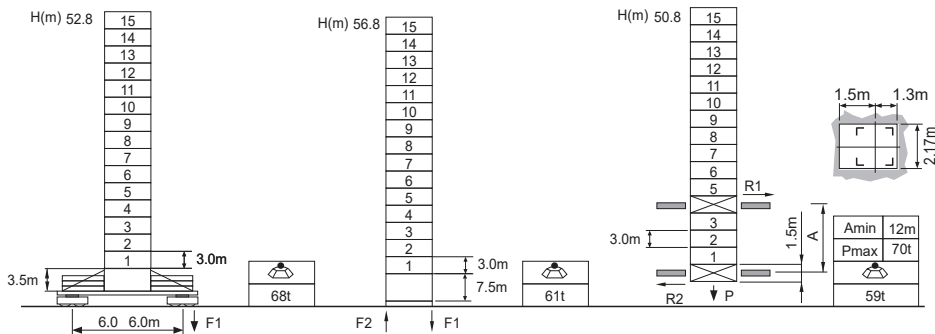
	50QP20HS-CG5		m/min	40	80	37kW	
		t	4	2	500m >500m※		
	50LVF20KL-C △		m/min	20	40	37kW	
		t	8	4	710m >710m※		
	DVF	m/min	0~60		5.5kW		
	JH13F	rpm	0~0.7		2×5.5kW		
	380V 50Hz(5%) 380V 60Hz(5%) 440V 60Hz(5%)		65kVA		kVA		

※ Please consult us

△ Option



Jib root hinge height



L68B2 2.0m	H	Jib root hinge height (not include the fixing angle)	F Reactions Please refer to the user manual for reaction force
	H1	Height under hook: H1 = [H - 3.0m]	
	H2	Tower body height: H2 = [H - 4.3m]	

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.

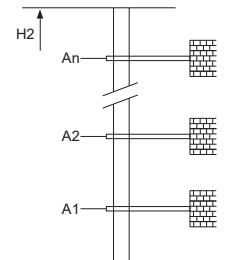
Load diagrams

R	falls	R(C _{MAX})	C _{MAX}	m	15	17	20	22	25	27	30	32	35	37	40	42	45	47	50	52	55	57	60	62	65
65m		3.0-25.0	5	t	5.0	5.0	5.0	5.0	5.0	4.64	4.10	3.80	3.41	3.19	2.90	2.72	2.49	2.36	2.17	2.06	1.90	1.81	1.69	1.61	1.50
		3.0-13.3	10	t	8.84	7.70	6.42	5.76	4.97	4.54	4.00	3.70	3.31	3.09	2.80	2.62	2.39	2.26	2.07	1.96	1.80	1.71	1.59	1.51	1.40
60m		3.0-15.2	10	t	10.0	8.95	7.48	6.72	5.82	5.33	4.71	4.36	3.92	3.66	3.33	3.13	2.86	2.71	2.49	2.37	2.19	2.09	1.90		
		3.0-32.4	5	t	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	4.65	4.36	3.95	3.75	3.45	3.27	3.03	2.89	2.69				
55m		3.0-17.2	10	t	10.0	10.0	8.48	7.72	6.70	6.14	5.44	5.05	4.55	4.26	3.85	3.65	3.35	3.17	2.93	2.79	2.59				
		3.0-32.4	5	t	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	4.65	4.36	3.95	3.75	3.45	3.27	3.03						
50m		3.0-17.2	10	t	10.0	10.0	8.48	7.72	6.70	6.14	5.44	5.05	4.55	4.26	3.85	3.65	3.35	3.17	2.93						
		3.0-32.4	5	t	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	4.65	4.36	3.95	3.75	3.45	3.27	3.03						
45m		3.0-17.2	10	t	10.0	10.0	8.48	7.72	6.70	6.14	5.44	5.05	4.55	4.26	3.85	3.65	3.35								
		3.0-32.4	5	t	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	4.65	4.36	3.95	3.75	3.45								
40m		3.0-17.2	10	t	10.0	10.0	8.48	7.72	6.70	6.14	5.44	5.05	4.55	4.26	3.85										
		3.0-32.4	5	t	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	4.65	4.36	3.95										
35m		3.0-17.2	10	t	10.0	10.0	8.48	7.72	6.70	6.14	5.44	5.05	4.55	4.26	3.85										
		3.0-32.4	5	t	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	4.65												
30m		3.0-30.0	5	t	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0												
		3.0-17.2	10	t	10.0	10.0	8.48	7.72	6.70	6.14	5.44	5.05													

Anchorage

An[m]	A1	A2	A3	A4	A5	A6	A7	A8	A9	A10
	42.0	69.0	96.0	123.0	150.0	177.0	204.0	231.0	-	-
H2 [m]	82.5	106.5	133.5	160.5	187.5	214.5	241.5	268.5	-	-

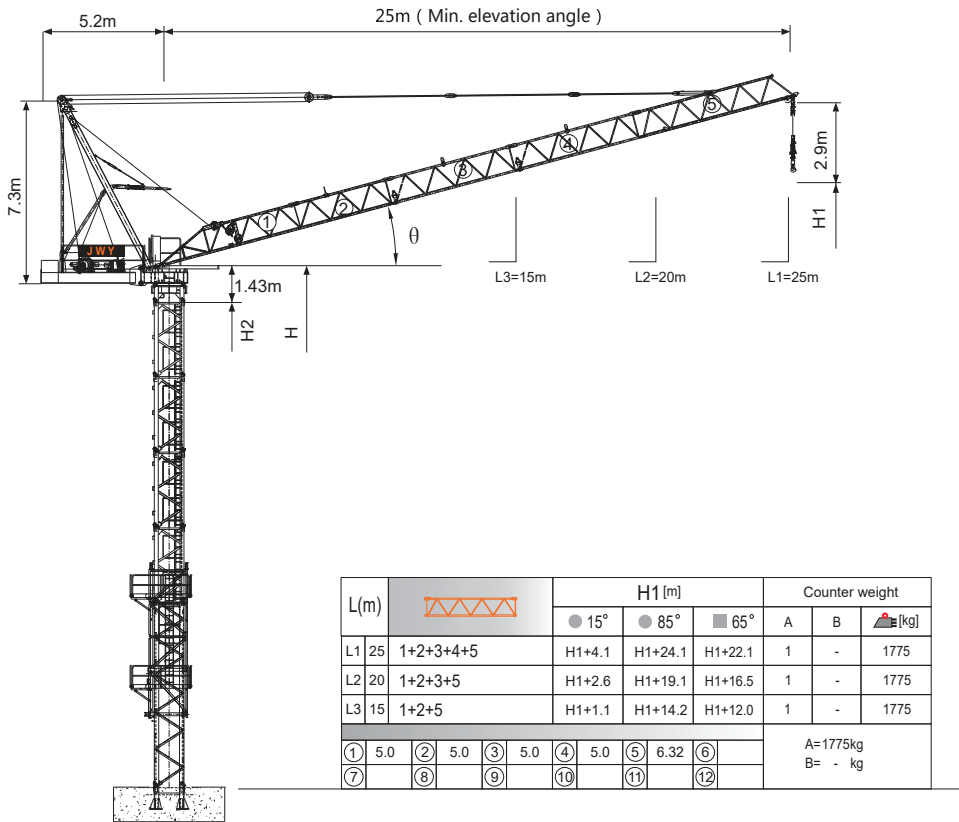
※ Over this height please contact us



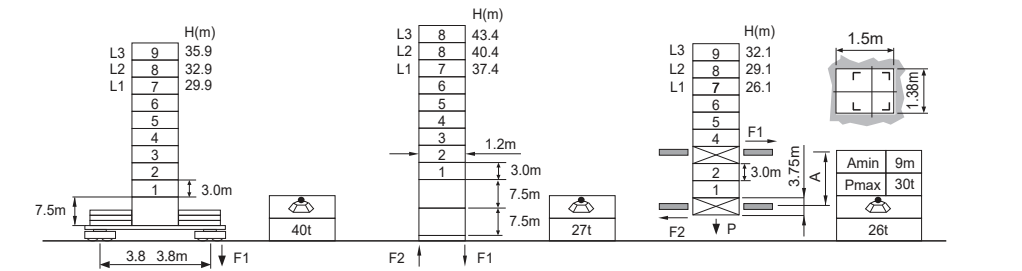
Mechanisms

	60QP25HB-G1		m/min	0 ~ 45	0 ~ 90	45kW	
			t	5	2.5		
	60LVF25KL		m/min	0 ~ 22.5	0 ~ 45	45kW	
			t	10	5		
	DVF		m/min	0 ~ 60		5.5kW	
	JH13F		rpm	0 ~ 0.7		2x5.5kW	
	380V 50Hz(5%) 380V 60Hz(5%) 440V 60Hz(5%)		75kVA		kVA		

※ Please consult us △ Option



Jib root hinge height



S24A1	H	Jib root hinge height (not include the fixing angle)	● In service
□ 1.2m	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)	Please refer to the user manual for reaction force
		⚖ Total weight of counter weight	

Please consult with us in case higher freestanding height needed.

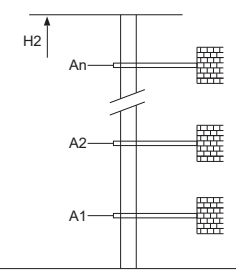
Load diagrams

R	falls	R(C _{MAX})	C _{MAX}	m	10	12	15	17	20	22	25
25m	⚖	1.7 ~ 21.1 [35.5]	3.0	t	3.0	3.0	3.0	3.0	3.0	2.7	2.2
	⚖	1.7 ~ 15.8 [52.0]	4.5	t	4.5	4.5	4.5	4.0	3.1	2.7	2.2
	⚖	1.7 ~ 12.7 [60.1]	6.0	t	6.0	6.0	4.7	4.0	3.1	2.7	2.2
20m	⚖	1.3 ~ 20.0 [15.0]	3.0	t	3.0	3.0	3.0	3.0	3.0		
	⚖	1.3 ~ 15.8 [40.4]	4.5	t	4.5	4.5	4.5	4.0	3.1		
	⚖	1.3 ~ 12.7 [51.9]	6.0	t	6.0	6.0	4.7	4.0	3.1		
15m	⚖	1.0 ~ 15.0 [15.0]	3.0	t	3.0	3.0	3.0				
	⚖	1.0 ~ 15.0 [15.0]	4.5	t	4.5	4.5	4.5				
	⚖	1.0 ~ 12.7 [35.5]	6.0	t	6.0	6.0	4.7				

Anchorage

An[m]	A1	A2	A3	A4	A5	A6	A7	A8	A9	A10
H2 [m]	34.5	52.5	70.5	88.5	106.5	-	-	-	-	-

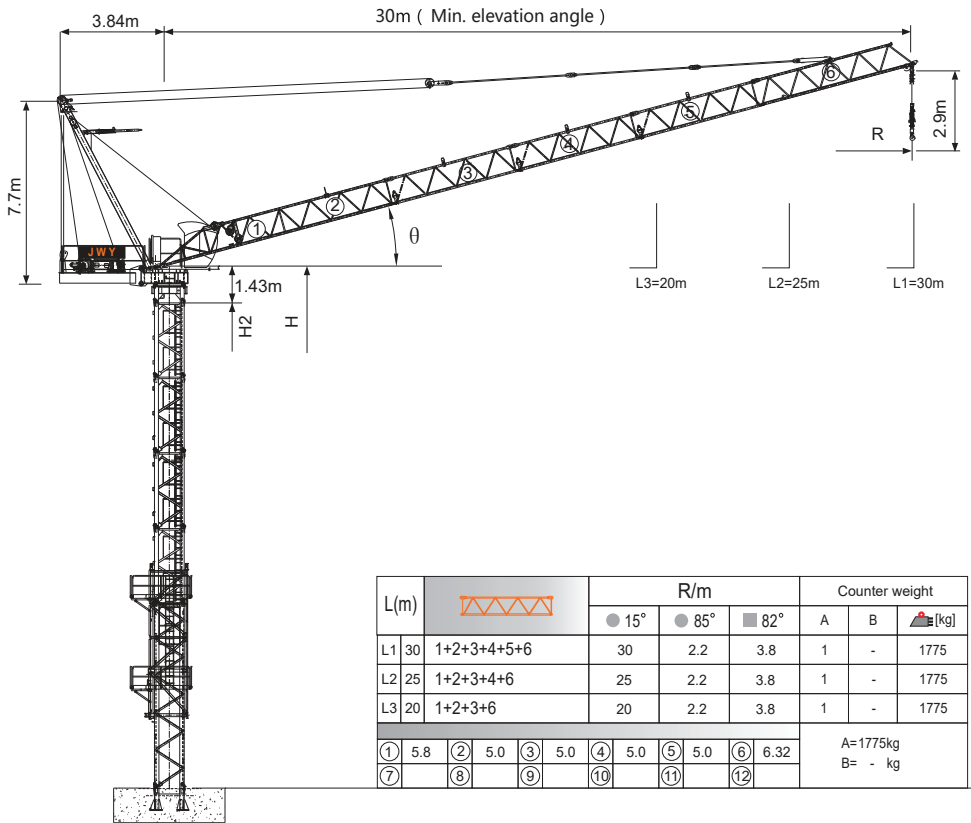
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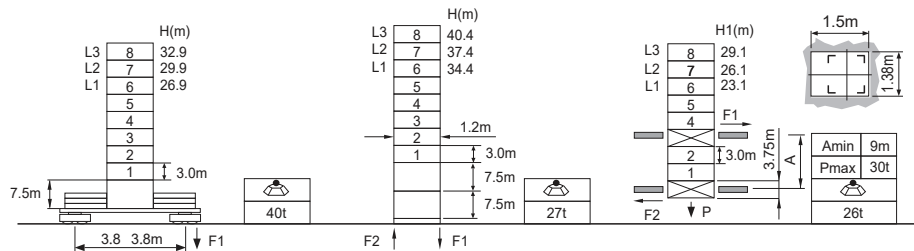
Mechanisms

⚖	30LVF15KL	⚖	m/min	0 ~ 35	0 ~ 70	22kW	350m >350m※
		t		3.0	1.5		
		⚖	m/min	0 ~ 23	0 ~ 46		
⚖	20LVF15KL	t		4.5	2.25	15kW	350m >350m※
		⚖	m/min	0 ~ 17.5	0 ~ 35		
		t		6.0	3.0		
⚖	30VVF20KL	⚖	m/min	0 ~ 33	0 ~ 45	22kW	
		t		3.0	1.5		
		⚖	m/min	0 ~ 22	0 ~ 30		
⚖	RCV95	t		4.5	2.25	5.5kW	
		⚖	m/min	0 ~ 16.5	0 ~ 22.5		
		t		6.0	3.0		
⚡	30LVF15KL			15~80	2min	22kW	kVA
				30LVF15KL	65kVA		
				20LVF15KL	60kVA		

※ Please consult us △ Option



Jib root hinge height



S24A1	H	Jib root hinge height (not include the fixing angle)	● In service
□ 1.2m	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)			Please refer to the user manual for reaction force
Total weight of counter weight			
Please consult with us in case higher freestanding height needed.			

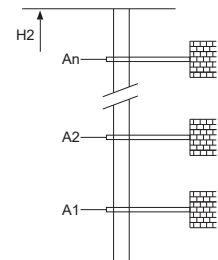
Load diagrams

R	falls	R(C _{MAX})	C _{MAX}	m	10	12	15	17	20	22	25	27	30
30m		2.2~21.1 [47.0]	3.0	t	3.0	3.0	3.0	3.0	3.0	2.7	2.2	1.9	1.5
		2.2~15.8 [59.0]	4.5	t	4.5	4.5	4.5	4.0	3.1	2.7	2.2	1.9	1.5
		2.2~12.7 [65.3]	6.0	t	6.0	6.0	4.7	4.0	3.1	2.7	2.2	1.9	1.5
25m		1.7~21.1 [35.5]	3.0	t	3.0	3.0	3.0	3.0	3.0	2.7	2.2		
		1.7~15.8 [52.0]	4.5	t	4.5	4.5	4.5	4.0	3.1	2.7	2.2		
		1.7~12.7 [60.1]	6.0	t	6.0	6.0	4.7	4.0	3.1	2.7	2.2		
20m		1.3~20.0 [15.0]	3.0	t	3.0	3.0	3.0	3.0	3.0				
		1.3~15.8 [40.5]	4.5	t	4.5	4.5	4.5	4.0	3.1				
		1.3~12.7 [51.8]	6.0	t	6.0	6.0	4.7	4.0	3.1				

Anchorage

An[m]	A1	A2	A3	A4	A5	A6	A7	A8	A9	A10
	31.5	46.5	61.5	76.5	91.5	-	-	-	-	-
H2 [m]	48.0	63.0	78.0	93.0	108.0	※	-	-	-	-

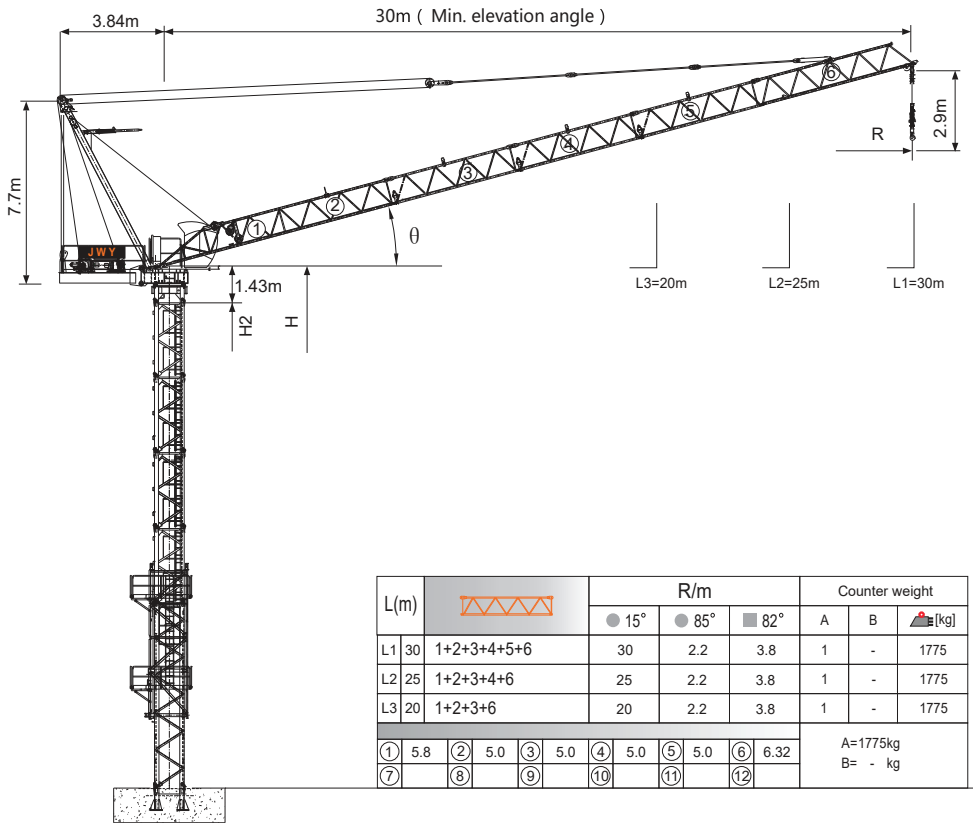
※ Over this height please contact us



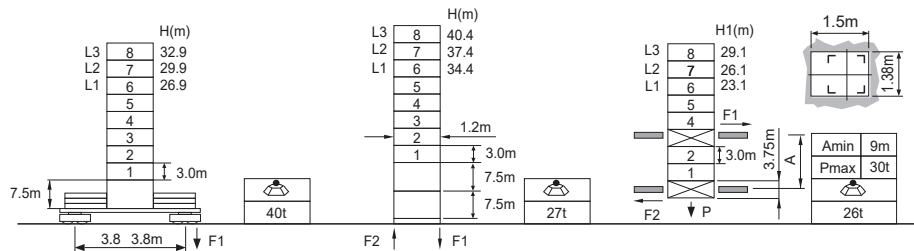
Mechanisms

	30LVF15KL		m/min	0~35	0~70	22kW	
			t	3.0	1.5		
				m/min	0~23		
			t	4.5	2.25		
				m/min	0~17.5	0~35	
			t	6.0	3.0		
	30VVF20KL	15~80		2min		22kW	
	RCV95	rpm		0~0.8		5.5kW	
	380V 50Hz(5%) 380V 60Hz(5%) 440V 60Hz(5%)			60kVA		kVA	

※ Please consult us △ Option



Jib root hinge height



S24A1	H	Jib root hinge height (not include the fixing angle)	● In service
□ 1.2m	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

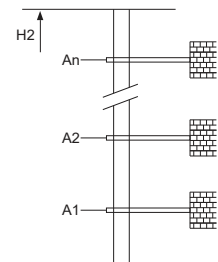
Load diagrams

R	falls	R(C _{MAX})	C _{MAX}	m	10	12	15	17	20	22	25	27	30
30m	☺	2.2~26.2 [32.6]	2.0	t	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	1.5
	☹	2.2~20.3 [49.0]	3.0	t	3.0	3.0	3.0	3.0	3.0	2.7	2.2	1.9	1.5
	☹☹	2.2~17.0 [56.5]	4.0	t	4.0	4.0	4.0	4.0	3.1	2.7	2.2	1.9	1.5
25m	☺	1.7~25.0 [15.0]	2.0	t	2.0	2.0	2.0	2.0	2.0	2.0	2.0		
	☹	1.7~20.3 [38.5]	3.0	t	3.0	3.0	3.0	3.0	3.0	2.7	2.2		
	☹☹	1.7~17.0 [49.0]	4.0	t	4.0	4.0	4.0	4.0	3.1	2.7	2.2		
20m	☺	1.3~20.0 [15.0]	2.0	t	2.0	2.0	2.0	2.0	2.0				
	☹	1.3~20.0 [15.0]	3.0	t	3.0	3.0	3.0	3.0	3.0				
	☹☹	1.3~17.0 [35.1]	4.0	t	4.0	4.0	4.0	4.0	3.1				

Anchorage

An[m]	A1	A2	A3	A4	A5	A6	A7	A8	A9	A10
	31.5	46.5	61.5	76.5	91.5	-	-	-	-	-
H2 [m]	48.0	63.0	78.0	93.0	108.0 ※	-	-	-	-	-

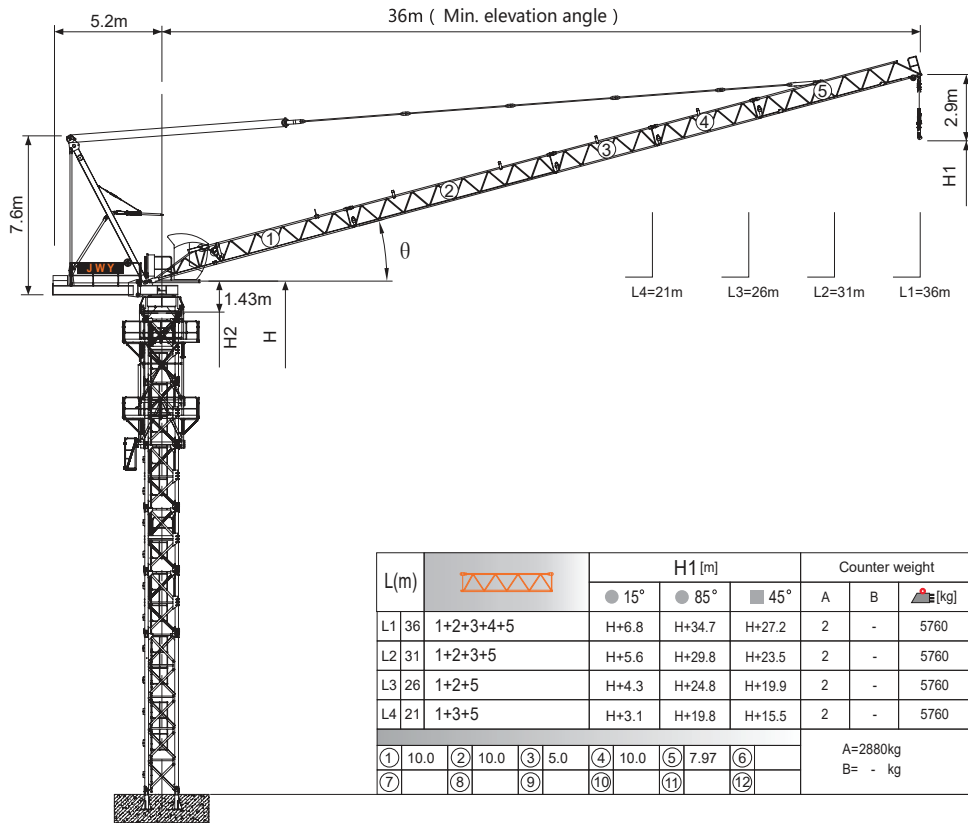
※ Over this height please contact us



Mechanisms

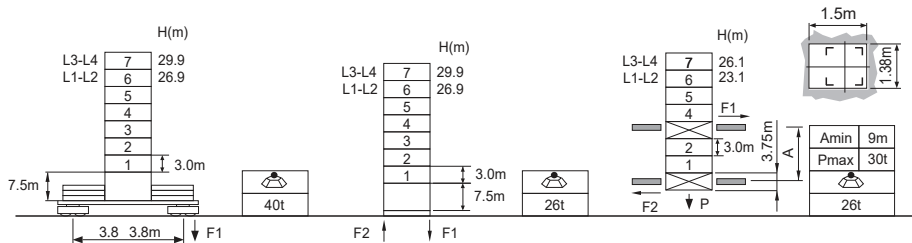
☺	20LVF10KL	☺	m/min	0~35	0~70	15kW	350m >350m※
		☹	t	2.0	1.0		
		☹☹	m/min	0~23	0~46		
☹	30VVF20KL	☹	t	3.0	1.5	22kW	
		☹☹	m/min	0~17.5	0~35		
☺	RVC95		rpm	0~0.8	5.5kW		
⚡				380V 50Hz(5%) 380V 60Hz(5%) 440V 60Hz(5%)	50kVA		kVA

※ 请联系我们 Please consult us △ 可选 Option



L(m)	Jib configuration	H1 [m]			Counter weight		
		● 15°	● 85°	■ 45°	A	B	⚖️ [kg]
L1 36	1+2+3+4+5	H+6.8	H+34.7	H+27.2	2	-	5760
L2 31	1+2+3+5	H+5.6	H+29.8	H+23.5	2	-	5760
L3 26	1+2+5	H+4.3	H+24.8	H+19.9	2	-	5760
L4 21	1+3+5	H+3.1	H+19.8	H+15.5	2	-	5760
① 10.0	② 10.0	③ 5.0	④ 10.0	⑤ 7.97	⑥		A=2880kg B= - kg
⑦	⑧	⑨	⑩	⑪	⑫		

Jib root hinge height



S24A1	H	Jib root hinge height (not include the fixing angle)	● In service
□ 1.2m	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)	Please refer to the user manual for reaction force
		⚖️ Total weight of counter weight	
		Please consult with us in case higher freestanding height needed.	

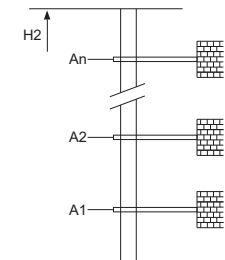
Load diagrams

R	falls	R(C _{MAX})	C _{MAX}	m	17	18	20	22	24	26	28	30	32	34	36
36m	⚖️	2.7~28.0 [41.0]	2.5	t	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.2	1.9	1.7	1.5
	⚖️	2.7~18.0 [60.5]	5.0	t	5.0	5.0	4.1	3.5	3.1	2.7	2.3	2.1	1.8	1.6	1.4
31m	⚖️	2.3~28.2 [28.8]	2.5	t	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.3	2.2		
	⚖️	2.3~18.5 [54.5]	5.0	t	5.0	5.0	4.1	3.5	3.1	2.7	2.4	2.2	2.0		
26m	⚖️	1.9~26.0 [16.8]	2.5	t	2.5	2.5	2.5	2.5	2.5	2.5					
	⚖️	1.9~18.5 [46.7]	5.0	t	5.0	5.0	4.1	3.5	3.1	2.7					
21m	⚖️	1.5~21.0 [19.0]	2.5	t	2.5	2.5	2.5	2.5							
	⚖️	1.5~18.5 [46.8]	5.0	t	5.0	5.0	4.1	3.5							

Anchorage

An[m]	A1	A2	A3	A4	A5	A6	A7	A8	A9	A10
H2 [m]	24.0	39.0	54.0	69.0	84.0	99.0	-	-	-	-
H2 [m]	43.5	58.5	73.5	88.5	100.5	115.5	※	-	-	-

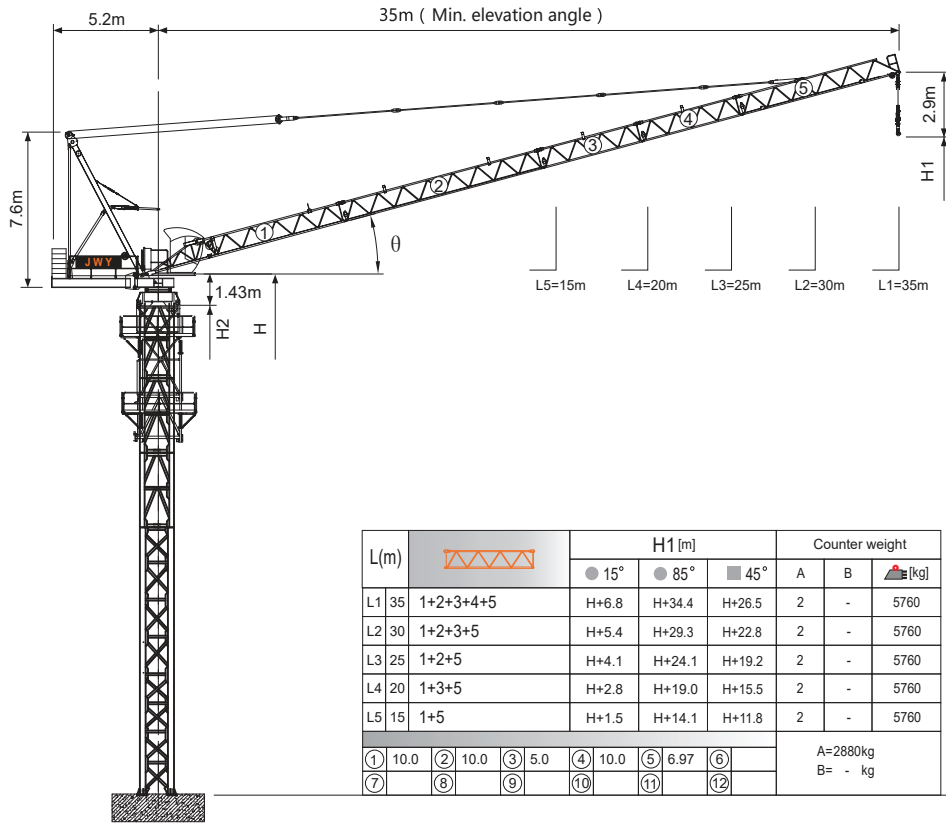
※ Over this height please contact us



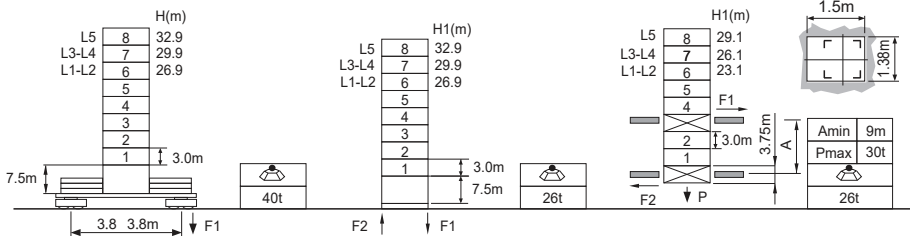
Mechanisms

⚙️	30LVF15KL	m/min	0~35	0~70	22kW	⚙️
			t	2.5		
⚙️	30VVF20KW	m/min	0~23	0~46	22kW	⚙️
			t	3.75		
⚙️	RVC95	rpm	0~0.8		5.5kW	⚙️
⚡	380V 50Hz(5%) 380V 60Hz(5%) 440V 60Hz(5%)		60kVA		kVA	⚡

※ Please consult us △ Option



Jib root hinge height



S24A1	H	Jib root hinge height (not include the fixing angle)	● In service
1.2m	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

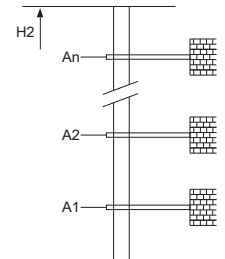
Load diagrams

R	falls	R(C _{MAX})	C _{MAX}	m	10	12	15	17	20	22	25	27	30	32	35
35m	☹	2.6~28.1 [38.9]	3.0	t	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.6	2.3	2.0
	☹☹	2.6~21.6 [53.0]	4.5	t	4.5	4.5	4.5	4.5	4.5	4.4	3.6	3.2	2.6	2.3	2.0
	☹☹☹	2.6~17.6 [60.5]	6.0	t	6.0	6.0	6.0	6.0	5.0	4.4	3.6	3.2	2.6	2.3	2.0
30m	☹	2.2~28.1 [25.0]	3.0	t	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.6		
	☹☹	2.2~21.6 [45.5]	4.5	t	4.5	4.5	4.5	4.5	4.5	4.4	3.6	3.2	2.6		
	☹☹☹	2.2~17.6 [55.0]	6.0	t	6.0	6.0	6.0	6.0	5.0	4.4	3.6	3.2	2.6		
25m	☹	1.7~25.0 [15.0]	3.0	t	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0		
	☹☹	1.7~21.6 [33.3]	4.5	t	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.4	3.6		
	☹☹☹	1.7~17.6 [46.6]	6.0	t	6.0	6.0	6.0	6.0	5.0	4.4	3.6				
20m	☹	1.3~20.0 [15.0]	3.0	t	3.0	3.0	3.0	3.0	3.0						
	☹☹	1.3~20.0 [15.0]	4.5	t	4.5	4.5	4.5	4.5	4.5						
	☹☹☹	1.3~17.6 [32.0]	6.0	t	6.0	6.0	6.0	6.0	5.0						
15m	☹	1.0~15.0 [15.0]	3.0	t	3.0	3.0	3.0								
	☹☹	1.0~15.0 [15.0]	4.5	t	4.5	4.5	4.5								
	☹☹☹	1.0~15.0 [15.0]	6.0	t	6.0	6.0	6.0								

Anchorage

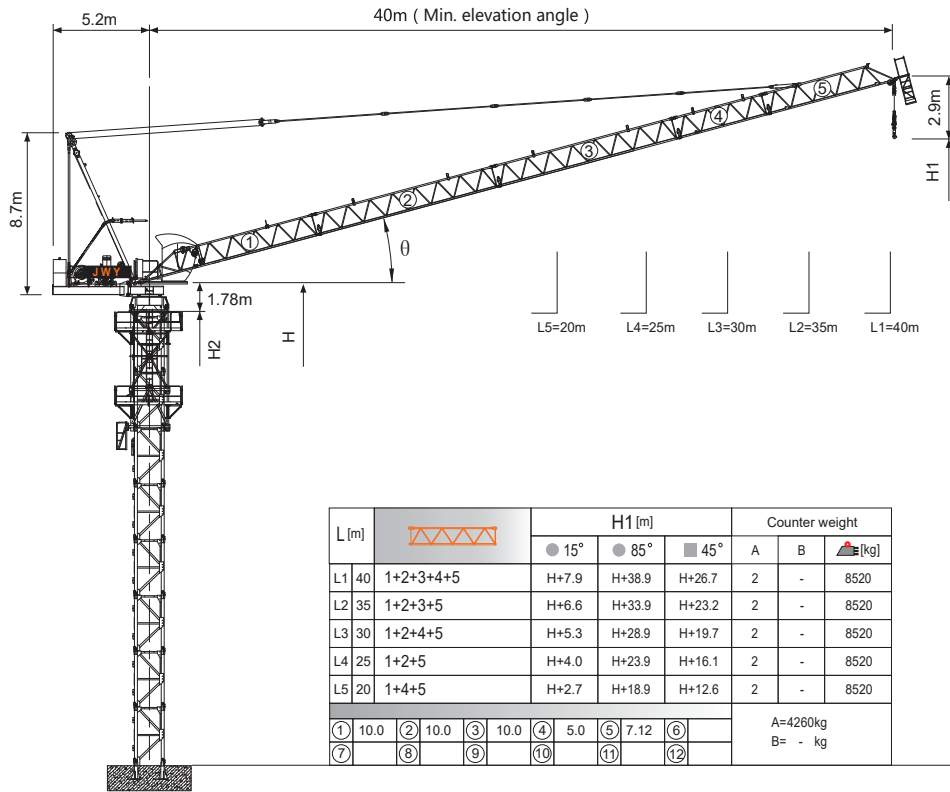
An[m]	A1	A2	A3	A4	A5	A6	A7	A8	A9	A10
H2 [m]	43.5	58.5	73.5	88.5	100.5	115.5	-	-	-	-

※ Over this height please contact us



Mechanisms

30LVF15KL	m/min	0 ~ 35	0 ~ 70	22kW	350m >350m※
	t	3.0	1.5		
	m/min	0 ~ 23	0 ~ 46		
	t	4.5	2.25		
30VVF20KW	15~80	2min		22kW	
RCV95	rpm	0 ~ 0.8		5.5kW	
		380V 50Hz(5%) 380V 60Hz(5%) 440V 60Hz(5%)		60kVA	kVA
※ Please consult us △ Option					

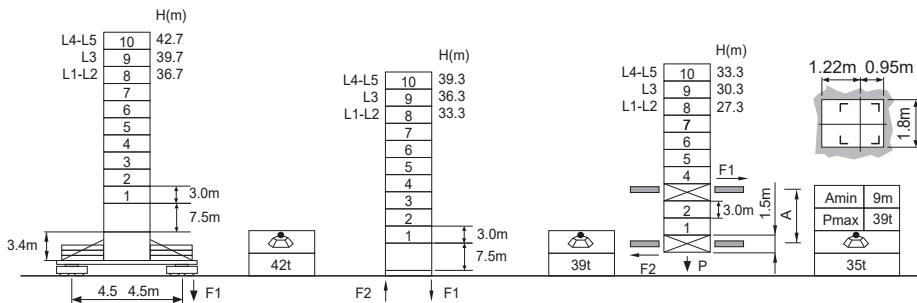


L [m]	Counter weight	H1 [m]			Counter weight		
		15°	85°	45°	A	B	[kg]
L1 40	1+2+3+4+5	H+7.9	H+38.9	H+26.7	2	-	8520
L2 35	1+2+3+5	H+6.6	H+33.9	H+23.2	2	-	8520
L3 30	1+2+4+5	H+5.3	H+28.9	H+19.7	2	-	8520
L4 25	1+2+5	H+4.0	H+23.9	H+16.1	2	-	8520
L5 20	1+4+5	H+2.7	H+18.9	H+12.6	2	-	8520

① 10.0	② 10.0	③ 10.0	④ 5.0	⑤ 7.12	⑥	
⑦	⑧	⑨	⑩	⑪	⑫	

A=4260kg
B= - kg

Jib root hinge height



L46A1	H	Jib root hinge height (not include the fixing angle)	● In service
□ 1.6m	H1	Height under hook	■ Out of service
	H2	Tower body height: H2 = [H - 1.78m]	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.

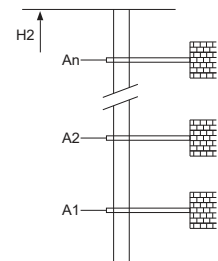
Load diagrams

R	falls	R(C _{MAX})	C _{MAX}	m	10	12	15	17	20	22	25	27	30	32	35	37	40
40m	☺	3.1~28.9 [45.4]	3.0	t	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.8	2.4	2.0	1.8	1.5
	☹	3.1~22.6 [56.5]	4.5	t	4.5	4.5	4.5	4.5	4.5	4.5	3.8	3.3	2.8	2.4	2.0	1.8	1.5
	☹	3.1~18.5 [63.0]	6.0	t	6.0	6.0	6.0	6.0	5.3	4.6	3.8	3.3	2.8	2.4	2.0	1.8	1.5
35m	☺	2.7~30.0 [35.0]	3.0	t	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.6	2.2	
	☹	2.7~23.1 [50.2]	4.5	t	4.5	4.5	4.5	4.5	4.5	4.5	3.9	3.4	3.0	2.6	2.2		
	☹	2.7~18.8 [58.4]	6.0	t	6.0	6.0	6.0	6.0	5.5	4.6	3.9	3.4	3.0	2.6	2.2		
30m	☺	2.2~30.0 [15.0]	3.0	t	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0			
	☹	2.2~23.6 [41.0]	4.5	t	4.5	4.5	4.5	4.5	4.5	4.5	3.9	3.4	3.0				
	☹	2.2~19.2 [51.8]	6.0	t	6.0	6.0	6.0	6.0	5.5	4.6	3.9	3.4	3.0				
25m	☺	1.8~25.0 [18.0]	3.0	t	3.0	3.0	3.0	3.0	3.0	3.0	3.0						
	☹	1.8~23.6 [26.5]	4.5	t	4.5	4.5	4.5	4.5	4.5	4.5	3.9						
	☹	1.8~19.2 [43.0]	6.0	t	6.0	6.0	6.0	6.0	5.5	4.6	3.9						
20m	☺	1.4~20.0 [20.0]	3.0	t	3.0	3.0	3.0	3.0	3.0								
	☹	1.4~20.0 [20.0]	4.5	t	4.5	4.5	4.5	4.5	4.5								
	☹	1.4~19.2 [26.0]	6.0	t	6.0	6.0	6.0	6.0	5.5								

Anchorage

An [m]	A1	A2	A3	A4	A5	A6	A7	A8	A9	A10
H2 [m]	30.1	51.1	72.1	93.1	114.1	135.1	156.1	177.1	-	-

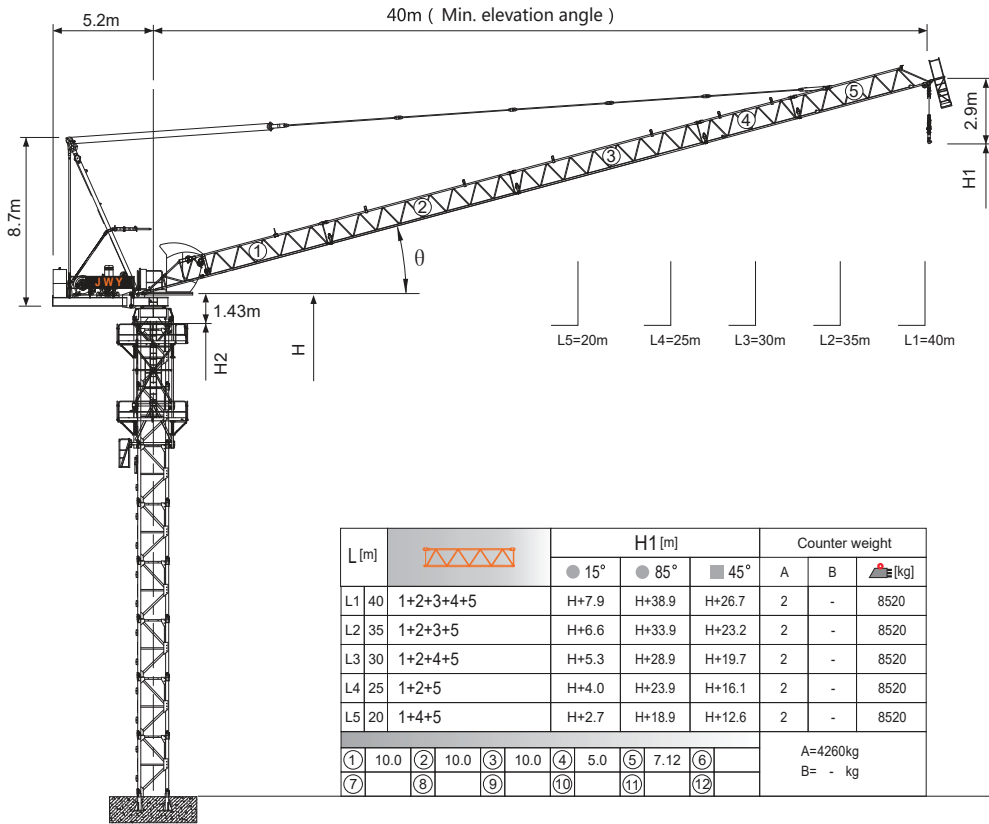
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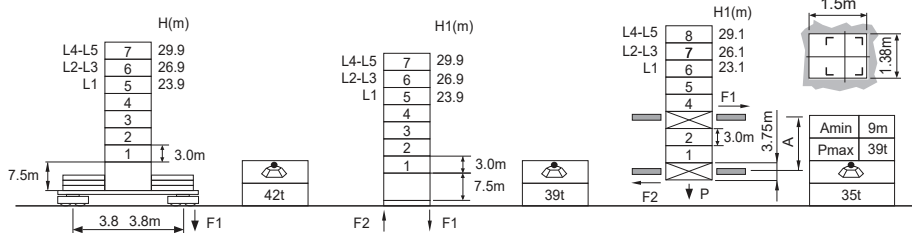
Mechanisms

☺	30LVF15KL	☺	m/min	0 ~ 35	0 ~ 70	22kW	350m >350m※
		t	3.0	1.5			
☹	50LVF20KL-B	☺	m/min	0 ~ 23	0 ~ 46	37kW	600m >600m※
		t	4.5	2.25			
☺	30VVF20KW	☺	m/min	0 ~ 17.5	0 ~ 35	22kW	
		t	6.0	3.0			
☹	RVC95	☺	m/min	0 ~ 42	0 ~ 84	37kW	
		t	3.0	1.5			
☺	30LVF15KL	☺	m/min	0 ~ 28	0 ~ 56	22kW	kVA
		t	4.5	2.25			
☹	50LVF20KL-B	☺	m/min	0 ~ 21	0 ~ 41	5.5kW	
		t	6.0	3.0			

☺ Please consult us △ Option



Jib root hinge height



S24A1	H	Jib root hinge height (not include the fixing angle)	● In service
□ 1.2m	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)	Please refer to the user manual for reaction force
		▲ Total weight of counter weight	
		Please consult with us in case higher freestanding height needed.	

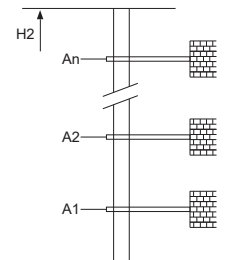
Load diagrams

R	falls	R(C _{MAX})	C _{MAX}	m	10	12	15	17	20	22	25	27	30	32	35	37	40
40m	☺	3.1~28.9 [45.4]	3.0	t	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.8	2.4	2.0	1.8	1.5
	☹	3.1~22.6 [56.5]	4.5	t	4.5	4.5	4.5	4.5	4.5	4.5	3.8	3.3	2.8	2.4	2.0	1.8	1.5
	☹	3.1~18.5 [63.0]	6.0	t	6.0	6.0	6.0	6.0	5.3	4.6	3.8	3.3	2.8	2.4	2.0	1.8	1.5
35m	☺	2.7~30.0 [35.0]	3.0	t	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.6	2.2		
	☹	2.7~23.1 [50.2]	4.5	t	4.5	4.5	4.5	4.5	4.5	4.5	3.9	3.4	3.0	2.6	2.2		
	☹	2.7~18.8 [58.4]	6.0	t	6.0	6.0	6.0	6.0	5.5	4.6	3.9	3.4	3.0	2.6	2.2		
30m	☺	2.2~30.0 [15.0]	3.0	t	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0			
	☹	2.2~23.6 [41.0]	4.5	t	4.5	4.5	4.5	4.5	4.5	4.5	3.9	3.4	3.0				
	☹	2.2~19.2 [51.8]	6.0	t	6.0	6.0	6.0	6.0	5.5	4.6	3.9	3.4	3.0				
25m	☺	1.8~25.0 [18.0]	3.0	t	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0					
	☹	1.8~23.6 [26.5]	4.5	t	4.5	4.5	4.5	4.5	4.5	4.5	3.9						
	☹	1.8~19.2 [43.0]	6.0	t	6.0	6.0	6.0	6.0	5.5	4.6	3.9						
20m	☺	1.4~20.0 [20.0]	3.0	t	3.0	3.0	3.0	3.0	3.0								
	☹	1.4~20.0 [20.0]	4.5	t	4.5	4.5	4.5	4.5	4.5								
	☹	1.4~19.2 [26.0]	6.0	t	6.0	6.0	6.0	6.0	5.5								

Anchorage

An [m]	A1	A2	A3	A4	A5	A6	A7	A8	A9	A10
H2 [m]	37.5	49.5	61.5	73.5	85.5	97.5	106.5	*	-	-

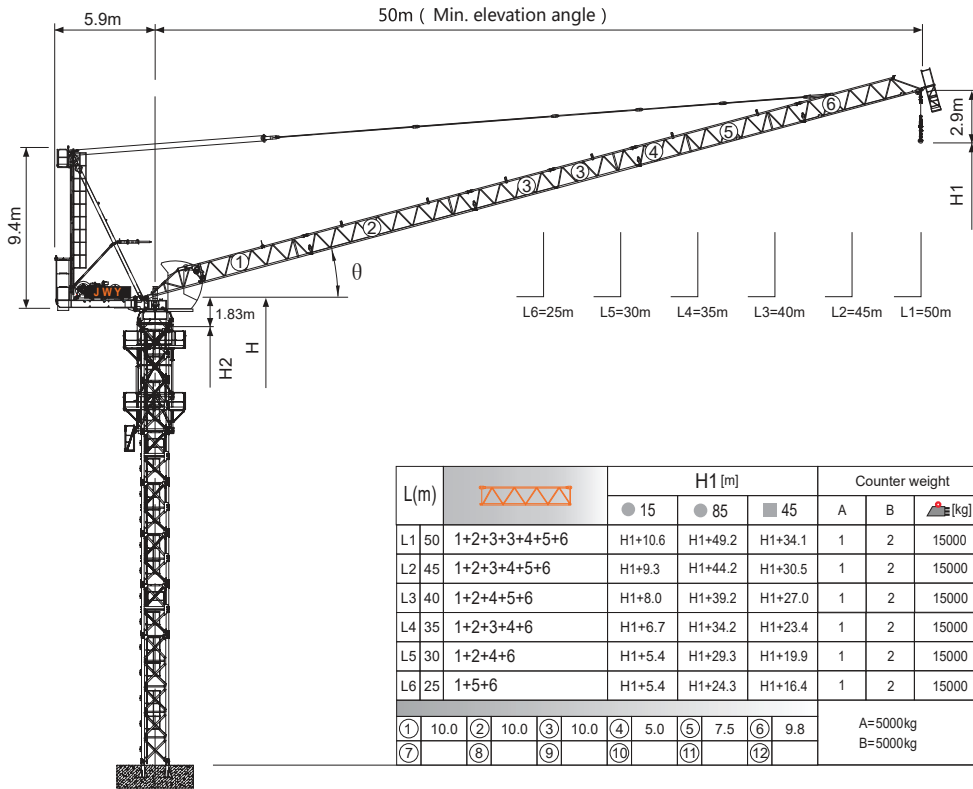
* Over this height please contact us



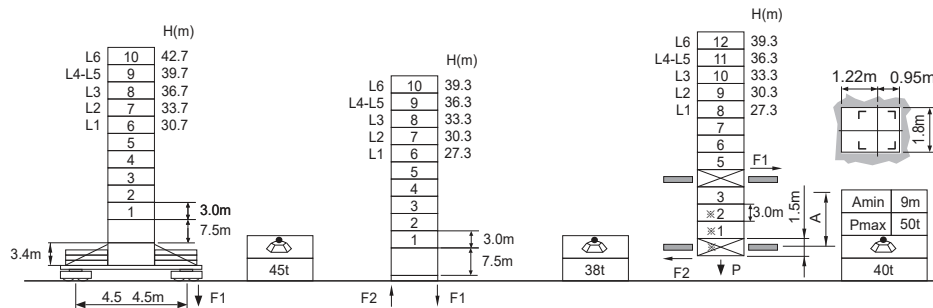
Mechanisms

☺	30LVF15KL	☺	m/min	0~35	0~70	22kW	350m >350m*
		t	3.0	1.5			
☹	50LVF20KL-B	☺	m/min	0~23	0~46	37kW	600m >600m*
		t	4.5	2.25			
☺	30VVF20KW	☺	m/min	0~17.5	0~35	22kW	
		t	6.0	3.0			
☹	RVC95	☺	m/min	0~42	0~84	37kW	
		t	3.0	1.5			
☺	30LVF15KL	☺	m/min	0~28	0~56	22kW	65kVA
		t	4.5	2.25			
☹	50LVF20KL-B	☺	m/min	0~21	0~41	5.5kW	85kVA
		t	6.0	3.0			

* Please consult us △ Option



Jib root hinge height



L46A1	H	Jib root hinge height (not include the fixing angle)
	H1	Height under hook
	H2	Tower body height: H2 = [H - 1.83m]

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.

Legend	Description
●	In service
■	Out of service
F	Reactions

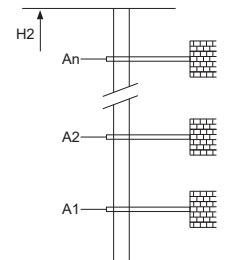
Please refer to the user manual for reaction force

Load diagrams		R(C _{MAX})	C _{MAX}	m	15	17	20	22	25	27	30	32	35	37	40	42	45	47	50
50m		4.0~36.2 [45.3]	4	t	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	3.8	3.3	3.0	2.5	2.3	2.0
		4.0~28.4 [56.4]	6	t	6.0	6.0	6.0	6.0	6.0	6.0	5.5	4.9	4.2	3.8	3.3	3.0	2.5	2.3	2.0
45m		3.6~37.6 [36.3]	4	t	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	3.5	3.2	2.8			
		3.6~29.2 [51.0]	6	t	6.0	6.0	6.0	6.0	6.0	6.0	5.7	5.2	4.5	4.1	3.5	3.2	2.8		
40m		3.6~23.9 [58.9]	8	t	8.0	8.0	8.0	8.0	7.5	6.7	5.7	5.2	4.5	4.1	3.5	3.2	2.8		
		3.1~38.6 [22.3]	4	t	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	3.7			
35m		3.1~29.9 [44.0]	6	t	6.0	6.0	6.0	6.0	6.0	6.0	5.9	5.4	4.7	4.3	3.7				
		3.1~24.3 [54.0]	8	t	8.0	8.0	8.0	8.0	7.7	6.9	5.9	5.4	4.7	4.3	3.7				
30m		2.7~35.0 [20.0]	4	t	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0			
		2.7~29.9 [35.4]	6	t	6.0	6.0	6.0	6.0	6.0	6.0	6.0	5.9	5.4	4.7					
25m		2.7~24.3 [48.3]	8	t	8.0	8.0	8.0	8.0	7.7	6.9	5.9	5.4	4.7						
		2.3~30.0 [19.0]	4	t	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0						

Anchorage

An[m]	A1	A2	A3	A4	A5	A6	A7	A8	A9	A10
H2 [m]	24.0	39.0	54.0	69.0	84.0	99.0	114.0	129.0	-	-
H1 [m]	43.5	58.5	73.5	88.5	100.5	115.5	130.5	145.5	※	-

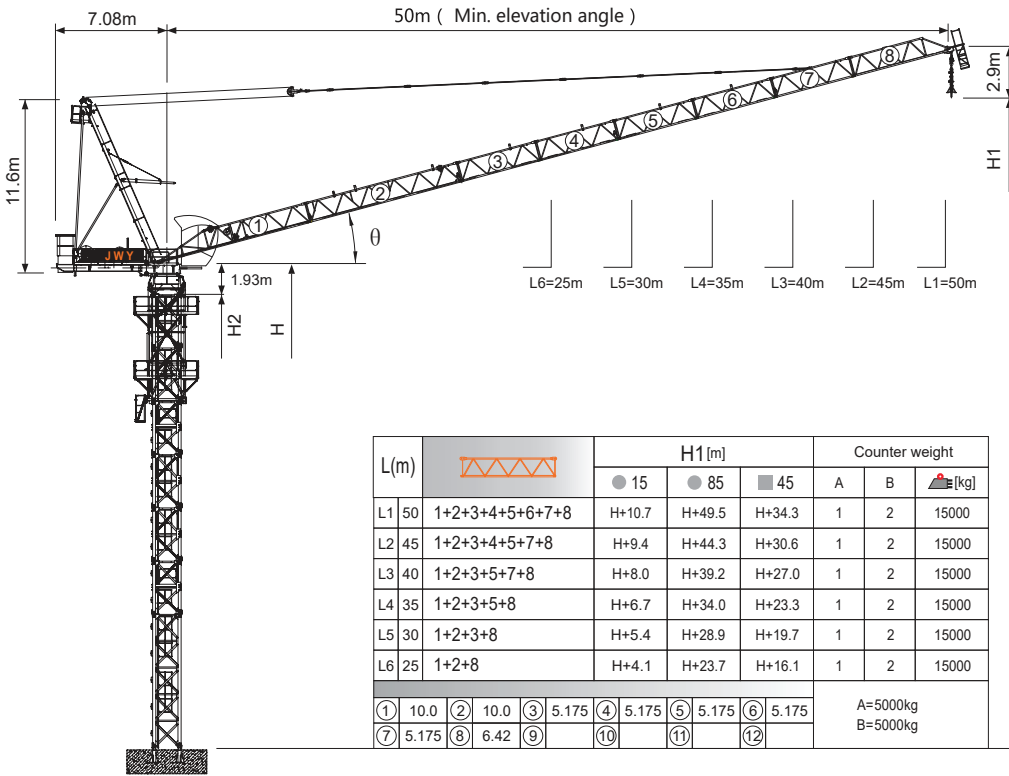
※ Over this height please contact us



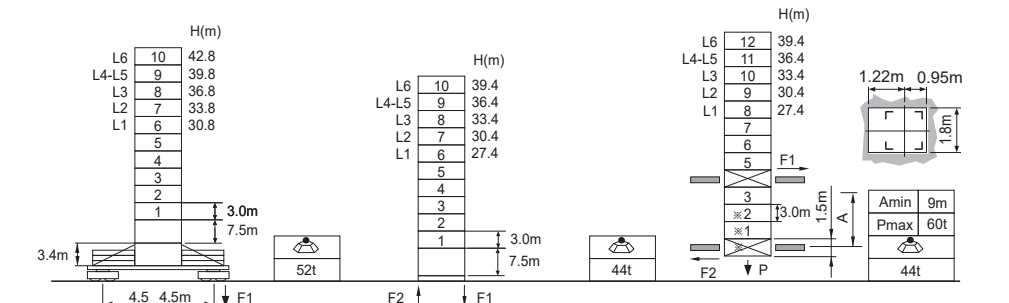
Mechanisms

	50QP20HS-CG5		m/min	0 ~ 40	0 ~ 80	37kW	
			t	4.0	2.0		
	50LVF20KL-C		m/min	0 ~ 26	0 ~ 52	37kW	
			t	6.0	3.0		
	40LP35H-G2		m/min	0 ~ 20	0 ~ 40	30kW	
			t	8.0	4.0		
	RCV95		m/min	0 ~ 42	0 ~ 84	2x5.5kW	
			t	4	2		
	RCV95		m/min	0 ~ 28	0 ~ 56	2x5.5kW	
			t	6	3		
	RCV95		m/min	0 ~ 21	0 ~ 42	2x5.5kW	
			t	8	4		
	380V 50Hz(5%)						
	380V 60Hz(5%)						
	440V 60Hz(5%)			95kVA			kVA

※ Please consult us Option



Jib root hinge height



L46A1	H	Jib root hinge height (not include the fixing angle)	● In service
	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 _{MAX})	C _{MAX}	m	15	17	20	22	25	27	30	32	35	37	40	42	45	47	50
50m	☺	4.1~40.3 [38.6]	4	t	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	3.7	3.2	2.9	2.5
	☹	4.1~32.1 [51.3]	6	t	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	5.1	4.7	4.1	3.7	3.2	2.9	2.5
45m	☺	4.1~26.6 [58.7]	8	t	8.0	8.0	8.0	8.0	8.0	7.8	6.6	6.1	5.1	4.7	4.1	3.7	3.2	2.9	2.5
	☹	3.7~41.9 [25.8]	4	t	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	3.9	3.4		
40m	☺	3.7~33.0 [44.6]	6	t	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	5.4	4.9	4.3	3.9	3.4		
	☹	3.7~27.3 [53.8]	8	t	8.0	8.0	8.0	8.0	8.0	8.0	6.9	6.3	5.4	4.9	4.3	3.9	3.4		
35m	☺	3.2~40.0 [15.0]	4	t	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0		
	☹	3.2~33.9 [34.9]	6	t	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	5.7	5.2	4.5				
30m	☺	3.2~27.8 [47.5]	8	t	8.0	8.0	8.0	8.0	8.0	8.0	7.2	6.6	5.7	5.2	4.5				
	☹	2.8~35.0 [15.0]	4	t	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0				
25m	☺	2.8~27.8 [39.5]	8	t	8.0	8.0	8.0	8.0	8.0	8.0	7.2	6.6	5.7	5.2	4.5				
	☹	2.3~30.0 [15.0]	4	t	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0				
20m	☺	2.3~30.0 [15.0]	6	t	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0				
	☹	2.3~27.8 [26.0]	8	t	8.0	8.0	8.0	8.0	8.0	8.0	8.0	7.2							
15m	☺	1.9~25.0 [14.7]	4	t	4.0	4.0	4.0	4.0	4.0	4.0									
	☹	1.9~25.0 [14.7]	6	t	6.0	6.0	6.0	6.0	6.0	6.0									

Anchorage

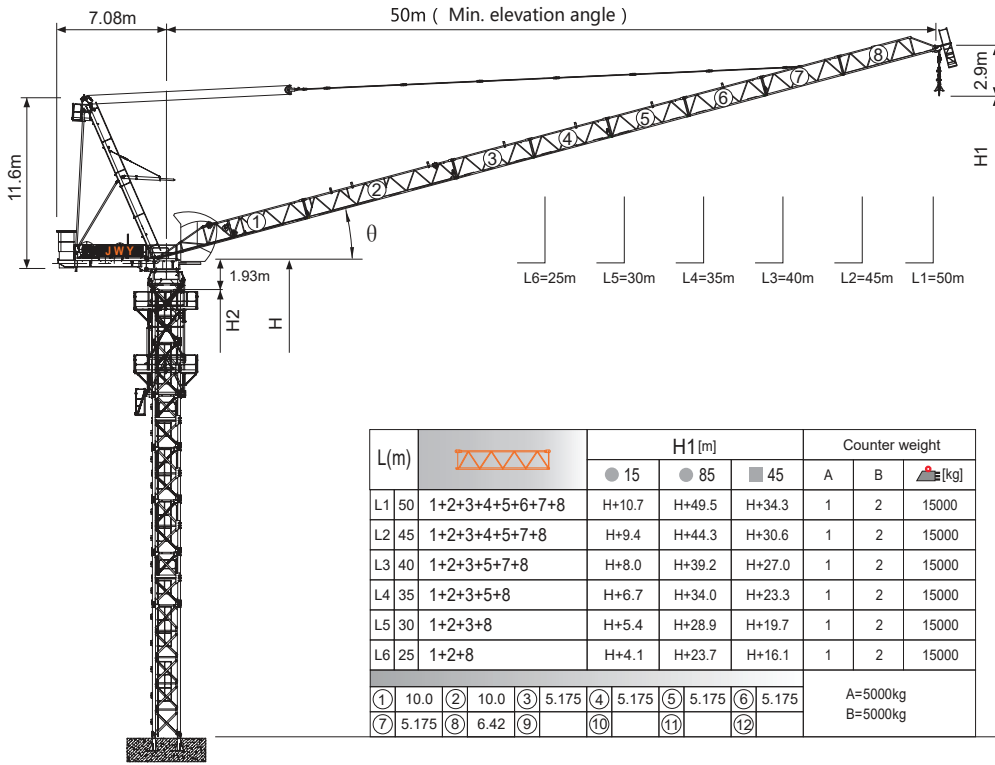
An[m]	A1	A2	A3	A4	A5	A6	A7	A8	A9	A10
H2 [m]	43.5	58.5	73.5	88.5	100.5	115.5	130.5	145.5	144.5	159.5

※ Over this height please contact us

Mechanisms

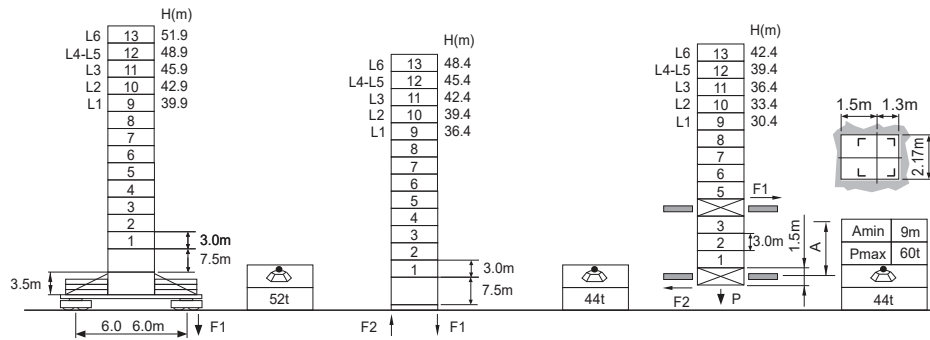
Mechanism	Model	Speed	Power	Notes
50QP20HS-CG5	m/min	0 ~ 40	37kW	500m >500m※
	t	4		
50LVF20KL-C	m/min	0 ~ 26	37kW	710m >710m※
	t	6		
40LP35H-G2	m/min	0 ~ 20	30kW	
	t	8		
RCV95	m/min	0 ~ 42	2x5.5kW	
	t	4		
Electrical	m/min	0 ~ 28	95kVA	kVA
	t	6		
Electrical	m/min	0 ~ 21	95kVA	kVA
	t	8		

※ Please consult us △ Option



L(m)	Counter weight	H1[m]		
		● 15	● 85	■ 45
L1 50	1+2+3+4+5+6+7+8	H+10.7	H+49.5	H+34.3
L2 45	1+2+3+4+5+7+8	H+9.4	H+44.3	H+30.6
L3 40	1+2+3+5+7+8	H+8.0	H+39.2	H+27.0
L4 35	1+2+3+5+8	H+6.7	H+34.0	H+23.3
L5 30	1+2+3+8	H+5.4	H+28.9	H+19.7
L6 25	1+2+8	H+4.1	H+23.7	H+16.1

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)	Please refer to the user manual for reaction force
		⚖ Total weight of counter weight	
		Please consult with us in case higher freestanding height needed.	

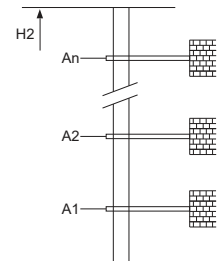
Load diagrams

R	falls	R(C _{MAX})	C _{MAX}	m	15	17	20	22	25	27	30	32	35	37	40	42	45	47	50
50m	⚖	4.1~40.3 [38.6]	4	t	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	3.7	3.2	2.9	2.5
	⚖	4.1~32.1 [51.3]	6	t	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	4.7	4.1	3.7	3.2
45m	⚖	4.1~26.6 [58.7]	8	t	8.0	8.0	8.0	8.0	8.0	7.8	6.6	6.1	5.1	4.7	4.1	3.7	3.2	2.9	2.5
	⚖	3.7~41.9 [25.8]	4	t	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	3.9	3.4		
40m	⚖	3.7~33.0 [44.6]	6	t	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	4.3	3.9	3.4	
	⚖	3.7~27.3 [53.8]	8	t	8.0	8.0	8.0	8.0	8.0	8.0	6.9	6.3	5.4	4.9	4.3	3.9	3.4		
35m	⚖	3.2~40.0 [15.0]	4	t	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	
	⚖	3.2~33.9 [34.9]	6	t	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	5.7	5.2	4.5				
30m	⚖	3.2~27.8 [47.5]	8	t	8.0	8.0	8.0	8.0	8.0	8.0	7.2	6.6	5.7	5.2	4.5				
	⚖	2.8~35.0 [15.0]	4	t	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	
25m	⚖	2.8~27.8 [39.5]	6	t	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	5.7	5.2	4.5				
	⚖	2.3~30.0 [15.0]	4	t	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	
20m	⚖	2.3~27.8 [26.0]	8	t	8.0	8.0	8.0	8.0	8.0	8.0	8.0	7.2	6.6	5.7	5.2	4.5			
	⚖	1.9~25.0 [14.7]	4	t	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	
15m	⚖	1.9~25.0 [14.7]	6	t	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	
	⚖	1.9~25.0 [14.7]	8	t	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	

Anchorage

An[m]	A1	A2	A3	A4	A5	A6	A7	A8	A9	A10
33.0	57.0	81.0	105.0	129.0	153.0	177.0	201.0	-	-	
H2 [m]	61.5	85.5	106.5	130.5	154.5	178.5	202.5	226.5	-	-

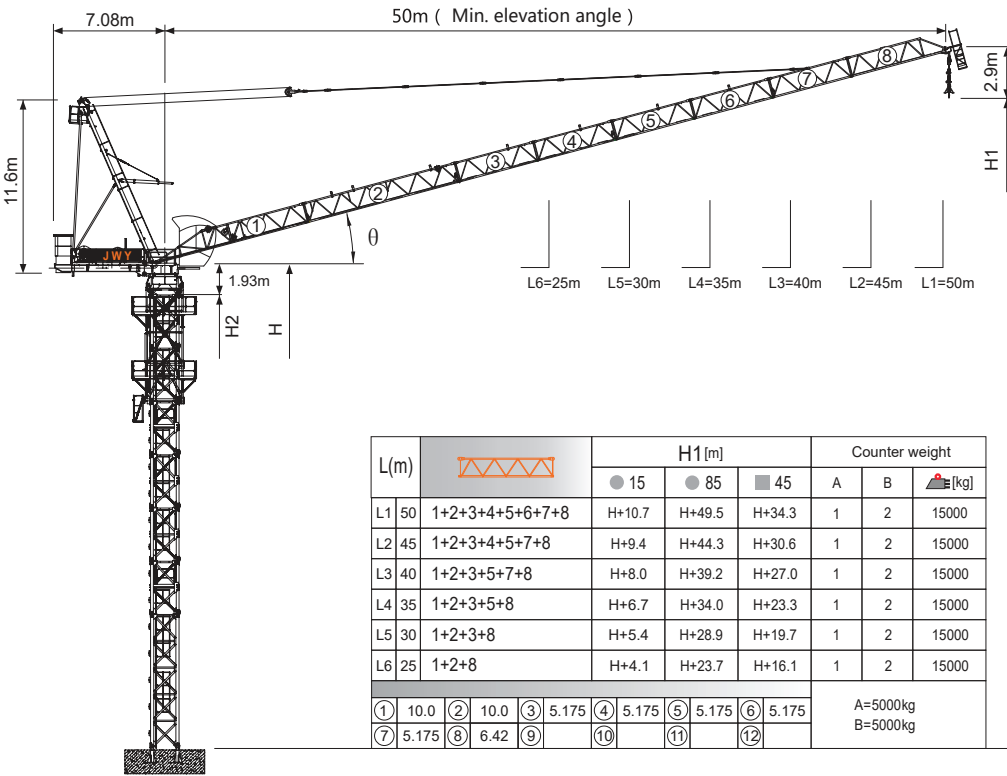
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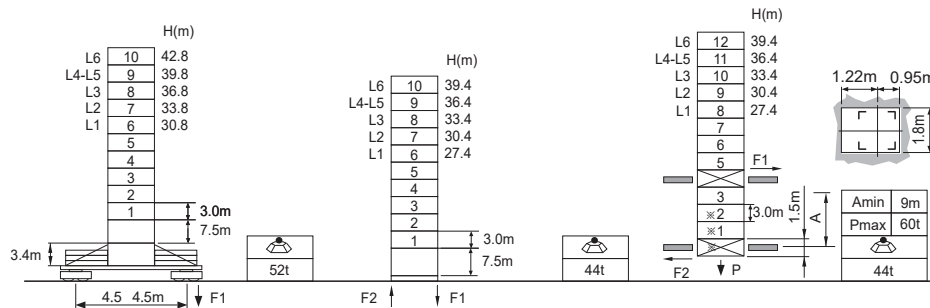
Mechanisms

50QP20HS-CG5	m/min	0 ~ 40	0 ~ 80	37kW	500m >500m※
t	4	2			
50LVF20K-LC	m/min	0 ~ 26	0 ~ 52	37kW	710m >710m※
	t	6	3		
40LP35H-G2	m/min	0 ~ 20	0 ~ 40	30kW	
	t	8	4		
RCV95	m/min	0 ~ 42	0 ~ 84	2x5.5kW	
	t	4	2		
⚡	m/min	0 ~ 28	0 ~ 56	95kVA	kVA
	t	6	3		
⚡	m/min	0 ~ 21	0 ~ 42	95kVA	kVA
	t	8	4		
	rpm	15~80	3min10s		
	rpm		0 ~ 0.6		
		380V 50Hz(5%) 380V 60Hz(5%) 440V 60Hz(5%)			

※ Please consult us △ Option



Jib root hinge height



L46A1	H	Jib root hinge height (not include the fixing angle)	● In service
	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)			Please refer to the user manual for reaction force
Total weight of counter weight			
Please consult with us in case higher freestanding height needed.			

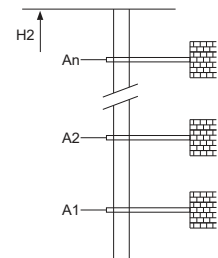
Load diagrams

R	falls	R(C _{MAX})	C _{MAX}	m	15	17	20	22	25	27	30	32	35	37	40	42	45	47	50
50m		4.1~35.7 [46.1]	5	t	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	4.7	4.1	3.7	3.2	2.9	2.5
		4.1~27.8 [57.2]	7.5	t	7.5	7.5	7.5	7.5	7.5	7.5	6.6	6.1	5.1	4.7	4.1	3.7	3.2	2.9	2.5
45m		3.7~36.5 [38.2]	5	t	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	4.9	4.3	3.9	3.4		
		3.7~28.5 [52.0]	7.5	t	7.5	7.5	7.5	7.5	7.5	7.5	6.9	6.3	5.4	4.9	4.3	3.9	3.4		
40m		3.7~23.2 [59.8]	10	t	10.0	10.0	10.0	10.0	9.2	8.3	6.9	6.3	5.4	4.9	4.3	3.9	3.4		
		3.2~37.6 [24.7]	5	t	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	4.5				
35m		3.2~29.1 [45.0]	7.5	t	7.5	7.5	7.5	7.5	7.5	7.5	7.2	6.6	5.7	5.2	4.5				
		3.2~23.6 [54.9]	10	t	10.0	10.0	10.0	10.0	9.2	8.3	7.2	6.6	5.7	5.2	4.5				
30m		2.8~35.0 [15.0]	5	t	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0						
		2.8~29.1 [36.2]	7.5	t	7.5	7.5	7.5	7.5	7.5	7.5	7.2	6.6	5.7						
25m		2.3~30.0 [15.0]	5	t	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0							
		2.3~29.1 [20.0]	7.5	t	7.5	7.5	7.5	7.5	7.5	7.5	7.2								
25m		2.3~23.6 [40.1]	10	t	10.0	10.0	10.0	10.0	9.2	8.3	7.2								
		1.9~25.0 [14.7]	5	t	5.0	5.0	5.0	5.0	5.0										
25m		1.9~25.0 [14.7]	7.5	t	7.5	7.5	7.5	7.5											
		1.9~23.6 [24.0]	10	t	10.0	10.0	10.0	10.0	9.2										

Anchorage

An [m]	A1	A2	A3	A4	A5	A6	A7	A8	A9	A10
H2 [m]	24.0	39.0	54.0	69.0	84.0	99.0	114.0	129.0	160.0	175.0
H2 [m]	43.5	58.5	73.5	88.5	100.5	115.5	130.5	145.5	144.5	159.5

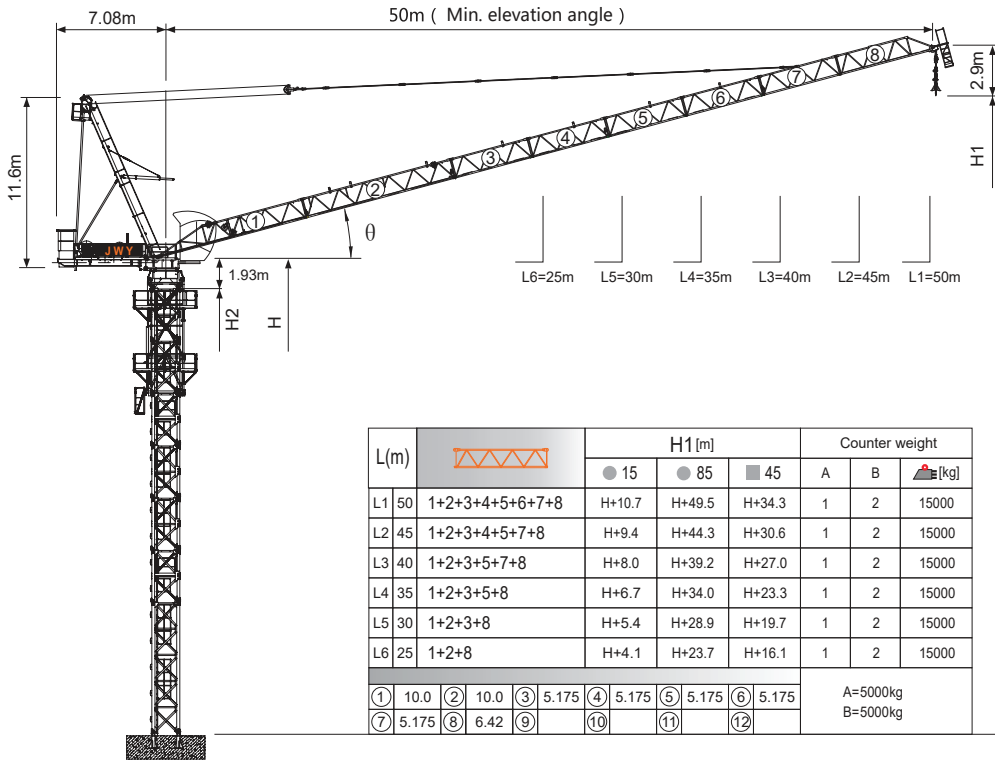
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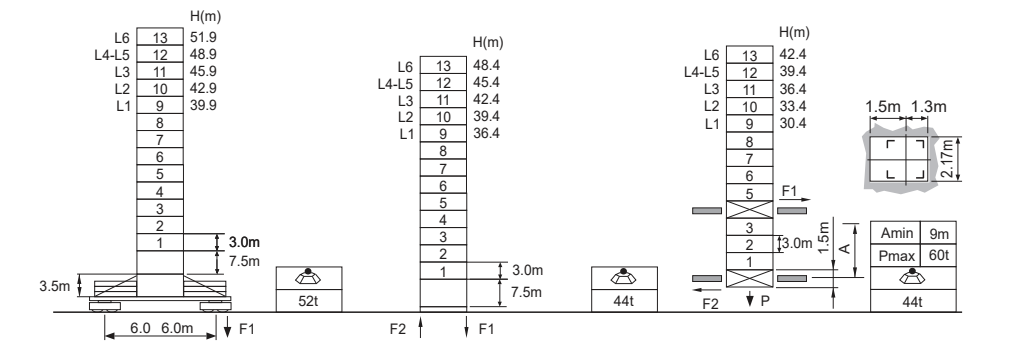
Mechanisms

	60QP25HB-G1		m/min	0 ~ 45	0 ~ 90	45kW	
			t	5	2.5		
	60LVF25KW		m/min	0 ~ 30	0 ~ 60	45kW	
			t	7.5	3.75		
	40LP35H-G2		m/min	0 ~ 22.5	0 ~ 45	30kW	
			t	10	5		
	RCV95		m/min	0 ~ 45	0 ~ 90	2x5.5kW	
			t	5	2.5		
	440V 60Hz(5%)		m/min	0 ~ 30	0 ~ 60	105kVA	
			t	7.5	3.75		
	380V 50Hz(5%)		m/min	0 ~ 22.5	0 ~ 45	105kVA	
			t	10	5		

※ Please consult us △ Option



Jib root hinge height



L68B2	H	Jib root hinge height (not include the fixing angle)
□ 2.0m	H1	Height under hook
	H2	Tower body height: H2 = [H - 1.93m]

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.

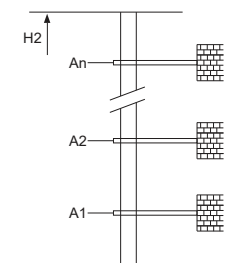
Load diagrams

R	falls	R(C _{MAX})	C _{MAX}	m	15	17	20	22	25	27	30	32	35	37	40	42	45	47	50	
50m		4.1~35.7 [46.1]	5	t	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	4.7	4.1	3.7	3.2	2.9	2.5
		4.1~27.8 [57.2]	7.5	t	7.5	7.5	7.5	7.5	7.5	7.5	6.6	6.1	5.1	4.7	4.1	3.7	3.2	2.9	2.5	
45m		3.7~36.5 [38.2]	5	t	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	4.9	4.3	3.9	3.4			
		3.7~23.2 [59.8]	10	t	10.0	10.0	10.0	10.0	9.2	8.3	6.9	6.3	5.4	4.9	4.3	3.9	3.4			
40m		3.2~37.6 [24.7]	5	t	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	4.5					
		3.2~29.1 [45.0]	7.5	t	7.5	7.5	7.5	7.5	7.5	7.5	7.2	6.6	5.7	5.2	4.5					
35m		2.8~35.0 [15.0]	5	t	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0						
		2.8~23.6 [49.0]	10	t	10.0	10.0	10.0	10.0	9.2	8.3	7.2	6.6	5.7							
30m		2.3~30.0 [15.0]	5	t	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0							
		2.3~29.1 [20.0]	7.5	t	7.5	7.5	7.5	7.5	7.5	7.5	7.2	6.6	5.7							
25m		1.9~25.0 [14.7]	5	t	5.0	5.0	5.0	5.0	5.0											
		1.9~25.0 [14.7]	7.5	t	7.5	7.5	7.5	7.5	7.5											
		1.9~23.6 [24.0]	10	t	10.0	10.0	10.0	10.0	9.2	8.3	7.2									

Anchorage

An [m]	A1	A2	A3	A4	A5	A6	A7	A8	A9	A10
H2 [m]	61.5	85.5	106.5	130.5	154.5	178.5	202.5	226.5	-	-

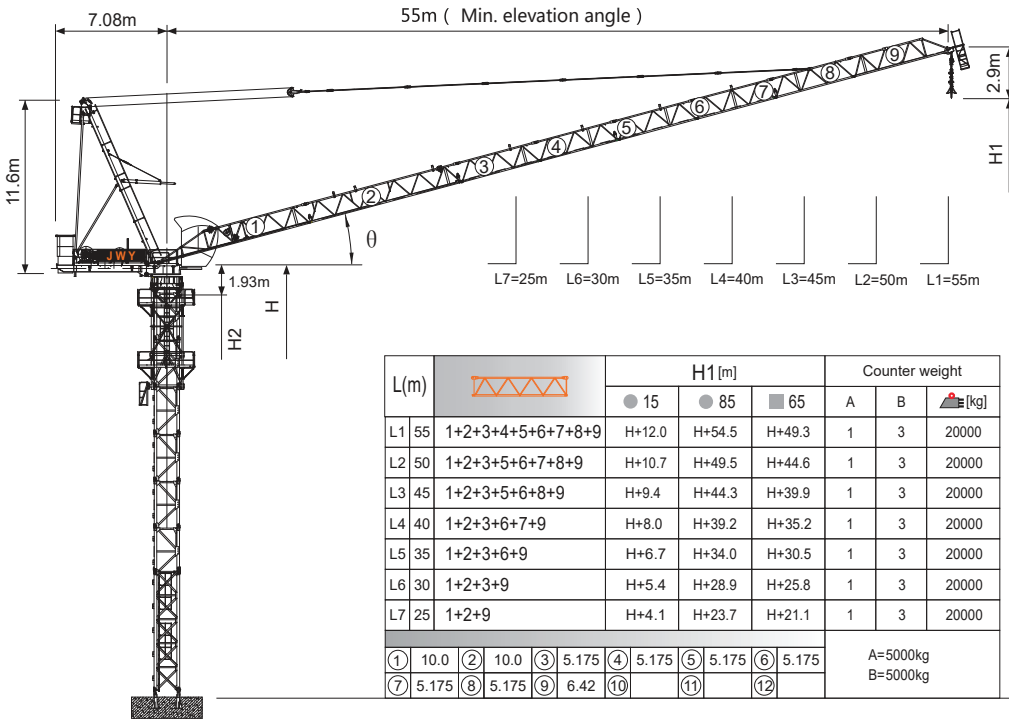
※ Over this height please contact us



Mechanisms

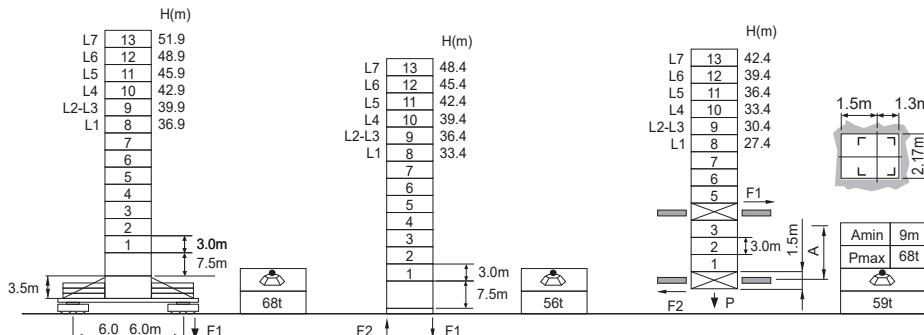
Mechanism	Model	Speed	Power	Capacity
60QP25HB-G1		m/min: 0~45	45kW	560m >560m※
		t: 5		
60LVF25KW		m/min: 0~45	45kW	750m >750m※
		t: 5		
40LP35H-G2		15~80	30kW	
RCV95		rpm	2x5.5kW	
		380V 50Hz(5%) 380V 60Hz(5%) 440V 60Hz(5%)	105kVA	kVA

※ Please consult us Option



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 10.0	② 10.0	③ 5.175	④ 5.175	⑤ 5.175	⑥ 5.175	A=5000kg B=5000kg	
⑦ 5.175	⑧ 5.175	⑨ 6.42	⑩	⑪	⑫		

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)			Please refer to the user manual for reaction force
Total weight of counter weight			
Please consult with us in case higher freestanding height needed.			

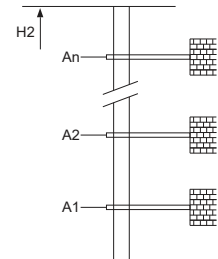
Load diagrams

R	falls	R(C _{MAX})	C _{MAX}	m	20	22	25	27	30	32	35	37	40	42	45	47	50	52	55
55m		4.4~37.7 [48.2]	5	t	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	4.6	4.1	3.6	3.3	2.8	2.5	2.2
50m		4.1~39.0 [40.7]	5	t	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	4.9	4.4	3.9	3.5	3.1		
		4.1~30.4 [53.7]	7.5	t	7.5	7.5	7.5	7.5	7.5	7.0	6.1	5.6	4.9	4.4	3.9	3.5	3.1		
45m		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		
		3.5~40.2 [29.9]	5	t	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	4.7	4.2				
40m		3.5~25.3 [56.7]	10	t	10.0	10.0	10.0	9.3	8.1	7.3	6.4	5.8	5.1	4.7	4.2				
		3.1~40.0 [15.0]	5	t	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0				
35m		3.1~31.8 [39.5]	7.5	t	7.5	7.5	7.5	7.5	7.5	7.4	6.6	6.1	5.3						
		2.6~35.0 [15.0]	5	t	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0						
30m		2.6~31.8 [28.5]	7.5	t	7.5	7.5	7.5	7.5	7.5	7.4	6.6	6.1	5.3						
		2.6~25.8 [44.2]	10	t	10.0	10.0	10.0	9.6	8.3	7.4	6.6	6.1	5.3						
25m		2.2~30.0 [15.0]	5	t	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0							
		2.2~30.0 [15.0]	7.5	t	7.5	7.5	7.5	7.5	7.5										
20m		1.8~25.0 [15.0]	5	t	5.0	5.0	5.0												
		1.8~25.0 [15.0]	10	t	10.0	10.0	10.0												

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	*

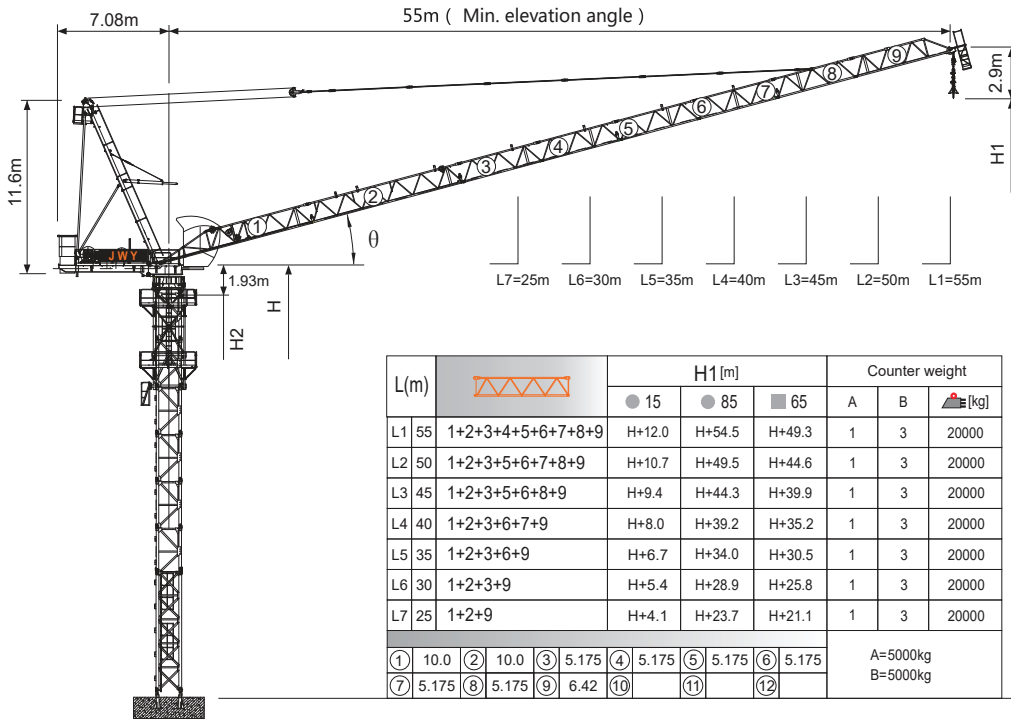
* Over this height please contact us



Mechanisms

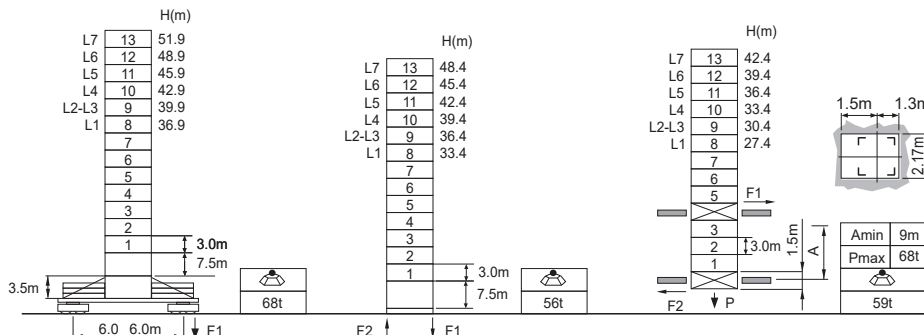
	60LVF25KW	m/min	0~45	0~90	45kW	
		t	5.0	2.5		
		m/min	0~30	0~60		
		t	7.5	3.75	45kW	750m >750m*
		m/min	0~22.5	0~45		
		t	10.0	5.0		
	60VVF40KW	15~80	2min10s		45kW	
	RCV95	rpm	0~0.6		2x5.5kW	
	380V 50Hz(5%) 380V 60Hz(5%) 440V 60Hz(5%)	120kVA		kVA		

* Please consult us △ Option



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 10.0	② 10.0	③ 5.175	④ 5.175	⑤ 5.175	⑥ 5.175	A=5000kg B=5000kg	
⑦ 5.175	⑧ 5.175	⑨ 6.42	⑩	⑪	⑫		

Jib root hinge height



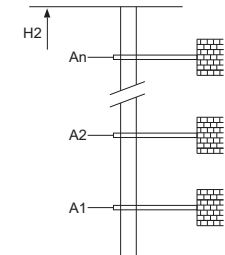
L68B2	H	Jib root hinge height (not include the fixing angle)	● In service
□ 2.0m	H1	Height under hook	■ Out of service
	H2	Tower body height: H2 = [H - 1.93m]	F Reactions
Total weight of free standing height (excludes counter weight and ballast) Total weight of counter weight Please consult with us in case higher freestanding height needed.			
Please refer to the user manual for reaction force			

Load diagrams		R(C _{MAX})	C _{MAX}	m	20	22	25	27	30	32	35	37	40	42	45	47	50	52	55
55m	☹	4.4~34.5 [52.4]	6	t	6.0	6.0	6.0	6.0	6.0	6.0	5.8	5.3	4.6	4.1	3.6	3.3	2.8	2.5	2.2
50m	☹	4.1~35.5 [46.4]	6	t	6.0	6.0	6.0	6.0	6.0	6.0	6.0	5.6	4.9	4.4	3.9	3.5	3.1		
	☹	4.1~27.2 [58.0]	9	t	9.0	9.0	9.0	9.0	7.8	7.0	6.1	5.6	4.9	4.4	3.9	3.5	3.1		
45m	☹	3.5~36.5 [38.1]	6	t	6.0	6.0	6.0	6.0	6.0	6.0	6.0	5.8	5.1	4.7	4.2				
	☹	3.5~27.8 [53.0]	9	t	9.0	9.0	9.0	9.0	8.1	7.3	6.4	5.8	5.1	4.7	4.2				
	☹	3.5~22.4 [60.8]	12	t	12.0	12.0	10.4	9.3	8.1	7.3	6.4	5.8	5.1	4.7	4.2				
40m	☹	3.1~37.3 [25.3]	6	t	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	5.3					
	☹	3.1~28.3 [46.5]	9	t	9.0	9.0	9.0	9.0	8.3	7.4	6.6	6.1	5.3						
	☹	3.1~22.7 [56.4]	12	t	12.0	12.0	10.6	9.6	8.3	7.4	6.6	6.1	5.3						
35m	☹	2.6~35.0 [15.0]	6	t	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0						
	☹	2.6~28.3 [38.2]	9	t	9.0	9.0	9.0	9.0	8.3	7.4	6.6								
	☹	2.6~22.7 [50.7]	12	t	12.0	12.0	10.6	9.6	8.3	7.4	6.6								
30m	☹	2.2~30.0 [15.0]	6	t	6.0	6.0	6.0	6.0	6.0	6.0									
	☹	2.2~28.3 [24.2]	9	t	9.0	9.0	9.0	9.0	8.3										
	☹	2.2~22.7 [42.5]	12	t	12.0	12.0	10.6	9.6	8.3										
25m	☹	1.8~25.0 [15.0]	6	t	6.0	6.0	6.0												
	☹	1.8~22.7 [28.5]	12	t	12.0	12.0	10.6												

Anchorage

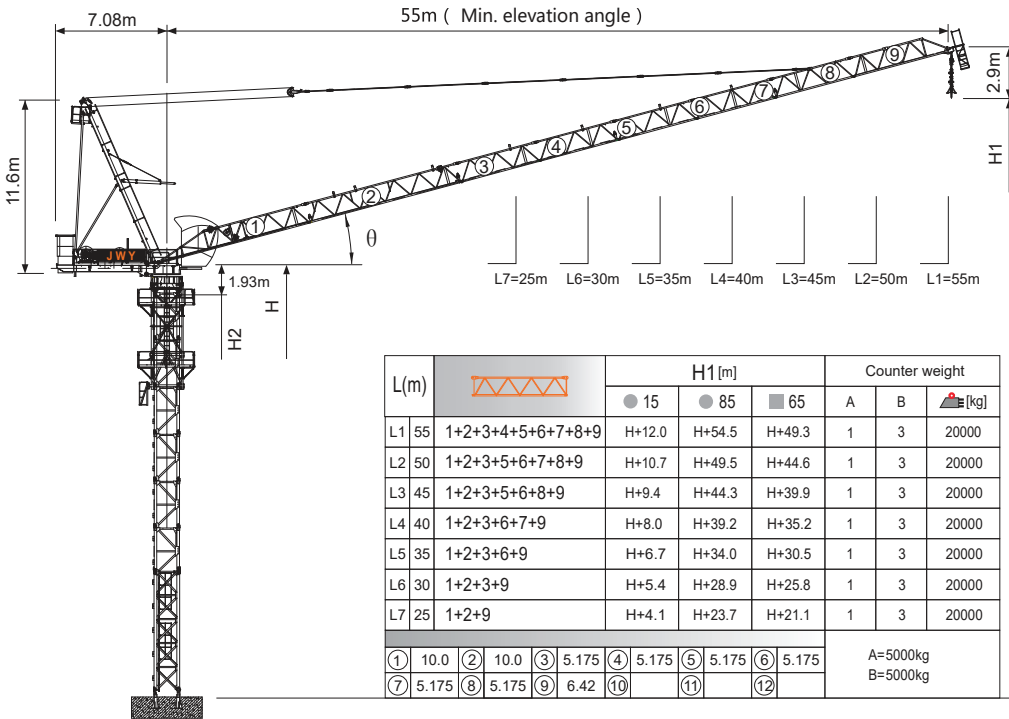
An [m]	A1	A2	A3	A4	A5	A6	A7	A8	A9	A10
H2 [m]	30.0	51.0	72.0	93.0	114.0	135.0	156.0	177.0	198.0	-
	55.5	76.5	97.5	115.5	136.5	157.5	178.5	199.5	220.5	-

※ Over this height please contact us

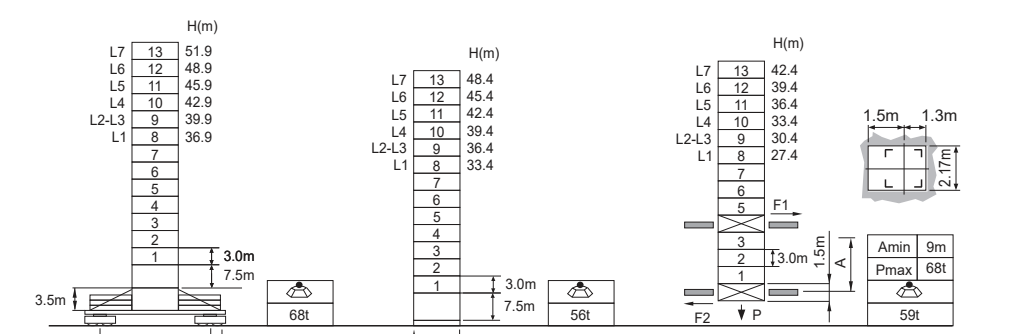


Mechanisms

☹	75LVF35KW	m/min	0 ~ 38	0 ~ 76	55kW	750m >750m※
		t	6.0	3.0		
		m/min	0 ~ 25	0 ~ 50		
☹	60VVF40KW	t	9.0	4.5	45kW	
		m/min	0 ~ 19	0 ~ 38		
☹	RCV95	t	12.0	6.0	2x5.5kW	
⚡			380V 50Hz(5%) 380V 60Hz(5%) 440V 60Hz(5%)	135kVA		kVA
※ Please consult us		△ Option				



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
			Please refer to the user manual for reaction force
Please consult with us in case higher freestanding height needed.			

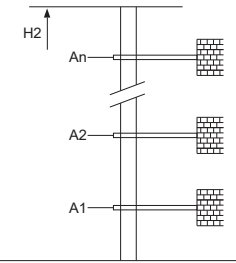
Load diagrams

R falls	R(C _{MAX})	C _{MAX}	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	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	-

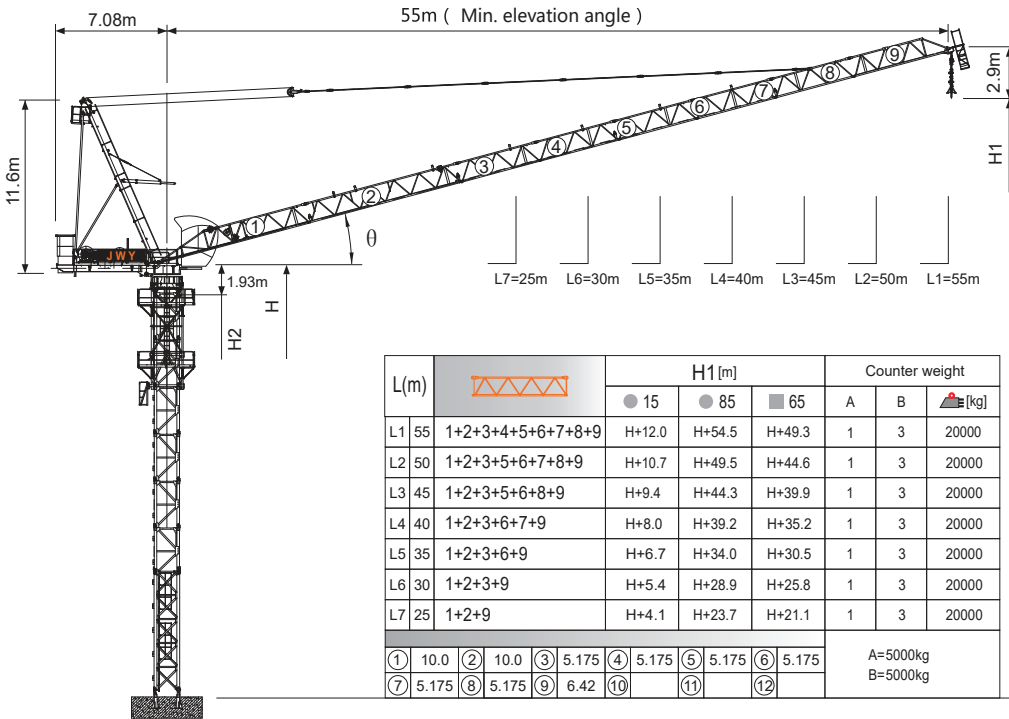
※ Over this height please contact us



Mechanisms

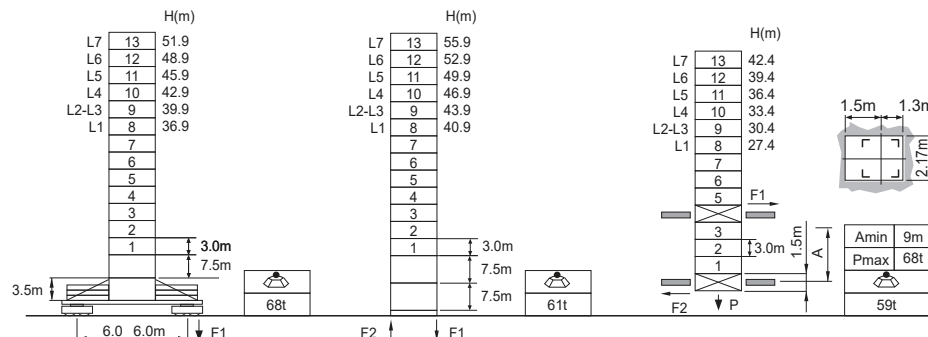
Mechanism	Power	Speed	Time	Capacity
75LVF35KW	55kW	m/min	0 ~ 38	0 ~ 76
		t	5.0	2.5
		m/min	0 ~ 25	0 ~ 50
60VVF40KW	45kW	t	7.5	3.75
		m/min	0 ~ 19	0 ~ 38
RCV95	2x5.5kW	t	10.0	5.0
		rpm	0 ~ 0.6	
60VVF40KW	135kVA	15~80	2min10s	45kW
		380V 50Hz(5%)		
		380V 60Hz(5%)		
60VVF40KW	135kVA	440V 60Hz(5%)		

※ Please consult us △ Option



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 10.0	② 10.0	③ 5.175	④ 5.175	⑤ 5.175	⑥ 5.175	A=5000kg B=5000kg	
⑦ 5.175	⑧ 5.175	⑨ 6.42	⑩	⑪	⑫		

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)	Please refer to the user manual for reaction force
		■ Total weight of counter weight	
		Please consult with us in case higher freestanding height needed.	

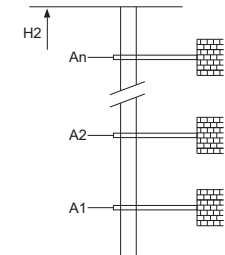
Load diagrams

R falls	R(C _{MAX})	C _{MAX}	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	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
	37.5	58.5	79.5	100.5	121.5	142.5	163.5	184.5	205.5	226.5
H2 [m]	63.0	84.0	102.0	123.0	144.0	165.0	186.0	207.0	228.0	249.0

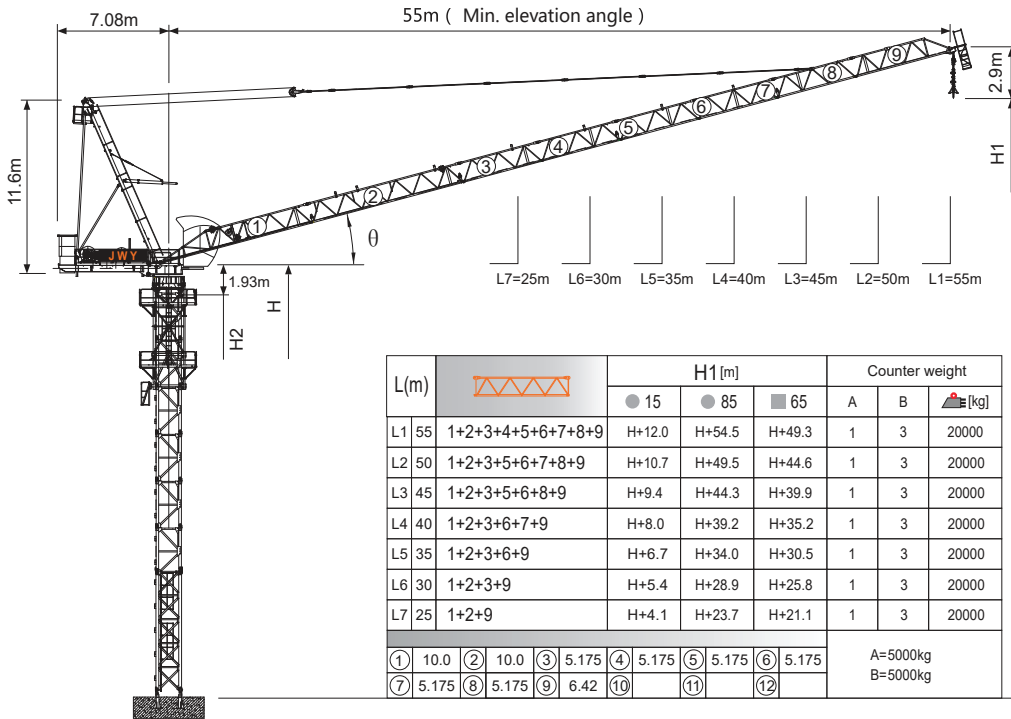
※ Over this height please contact us



Mechanisms

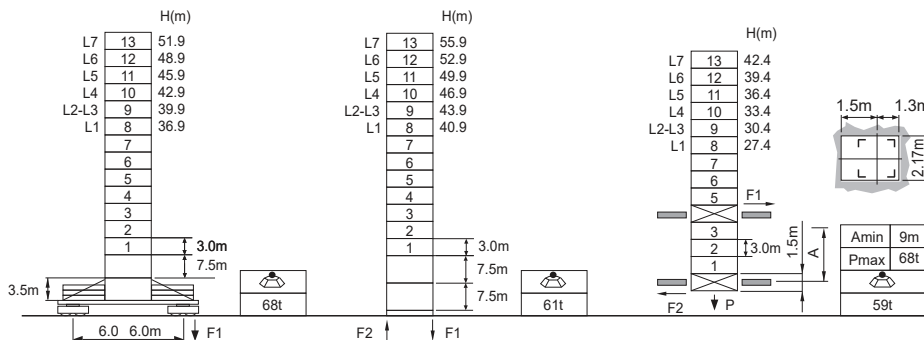
75LVF35KW	m/min	0 ~ 38	0 ~ 76	55kW	750m >750m※	
		t	7.0			3.5
		m/min	0 ~ 25			0 ~ 50
60VVVF40KW	t	10.0	5.0	45kW	2x5.5kW	
		m/min	0 ~ 19			0 ~ 38
RCV95	rpm	15~80	2min10s			
380V 50Hz(5%) 380V 60Hz(5%) 440V 60Hz(5%)		0 ~ 0.6		135kVA	kVA	

※ Please consult us △ Option



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 10.0	② 10.0	③ 5.175	④ 5.175	⑤ 5.175	⑥ 5.175	A=5000kg B=5000kg	
⑦ 5.175	⑧ 5.175	⑨ 6.42	⑩	⑪	⑫		

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
			Please refer to the user manual for reaction force
Please consult with us in case higher freestanding height needed.			

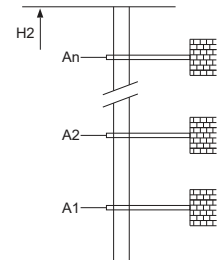
Load diagrams

R falls	R(C _{MAX})	C _{MAX}	m	20	22	25	27	30	32	35	37	40	42	45	47	50	52	55
55m	4.4~34.5 [52.4]	6	t	6.0	6.0	6.0	6.0	6.0	6.0	5.8	5.3	4.6	4.1	3.6	3.3	2.8	2.5	2.2
50m	4.1~35.5 [46.4]	6	t	6.0	6.0	6.0	6.0	6.0	6.0	6.0	5.6	4.9	4.4	3.9	3.5	3.1		
	4.1~27.2 [58.0]	9	t	9.0	9.0	9.0	9.0	7.8	7.0	6.1	5.6	4.9	4.4	3.9	3.5	3.1		
45m	3.5~36.5 [38.1]	6	t	6.0	6.0	6.0	6.0	6.0	6.0	6.0	5.8	5.1	4.7	4.2				
	3.5~27.8 [53.0]	9	t	9.0	9.0	9.0	9.0	8.1	7.3	6.4	5.8	5.1	4.7	4.2				
	3.5~22.4 [60.8]	12	t	12.0	12.0	10.4	9.3	8.1	7.3	6.4	5.8	5.1	4.7	4.2				
40m	3.1~37.3 [25.3]	6	t	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	5.3					
	3.1~28.3 [46.5]	9	t	9.0	9.0	9.0	9.0	8.3	7.4	6.6	6.1	5.3						
	3.1~22.7 [56.4]	12	t	12.0	12.0	10.6	9.6	8.3	7.4	6.6	6.1	5.3						
35m	2.6~35.0 [15.0]	6	t	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0						
	2.6~28.3 [38.2]	9	t	9.0	9.0	9.0	9.0	8.3	7.4	6.6								
	2.6~22.7 [50.7]	12	t	12.0	12.0	10.6	9.6	8.3	7.4	6.6								
30m	2.2~30.0 [15.0]	6	t	6.0	6.0	6.0	6.0	6.0	6.0									
	2.2~28.3 [24.2]	9	t	9.0	9.0	9.0	9.0	9.0	9.0	8.3								
	2.2~22.7 [42.5]	12	t	12.0	12.0	10.6	9.6	8.3										
25m	1.8~25.0 [15.0]	6	t	6.0	6.0	6.0												
	1.8~22.7 [28.5]	12	t	12.0	12.0	10.6												

Anchorage

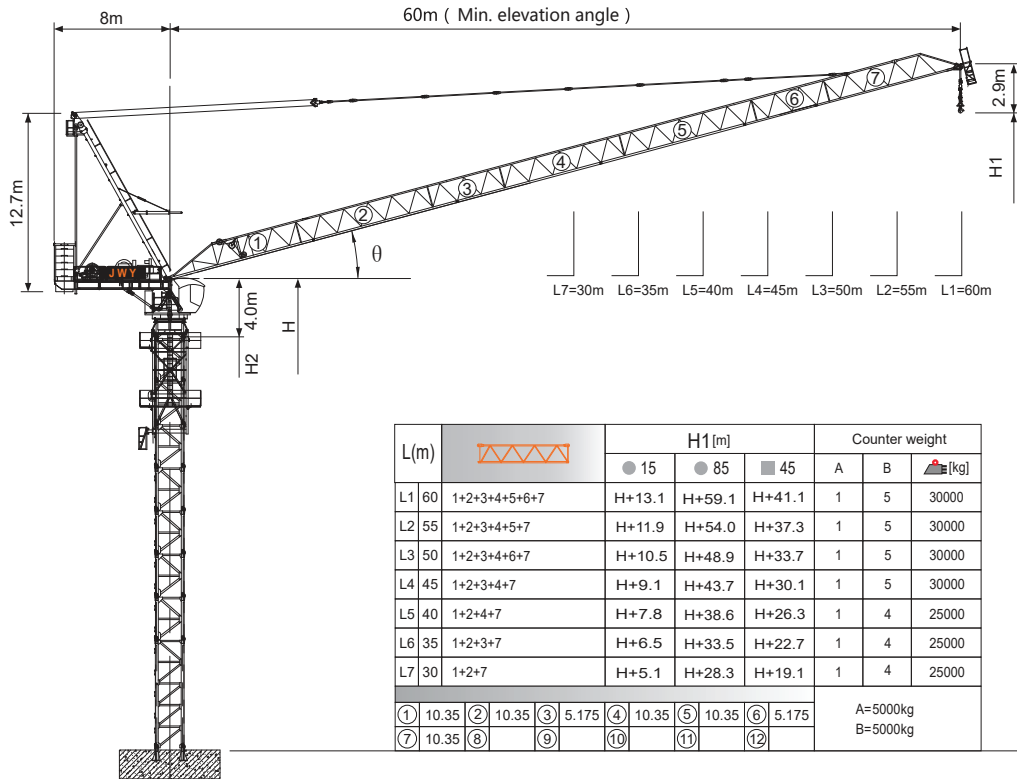
An[m]	A1	A2	A3	A4	A5	A6	A7	A8	A9	A10
	37.5	58.5	79.5	100.5	121.5	142.5	163.5	184.5	205.5	226.5
H2 [m]	63.0	84.0	102.0	123.0	144.0	165.0	186.0	207.0	228.0	249.0

※ Over this height please contact us

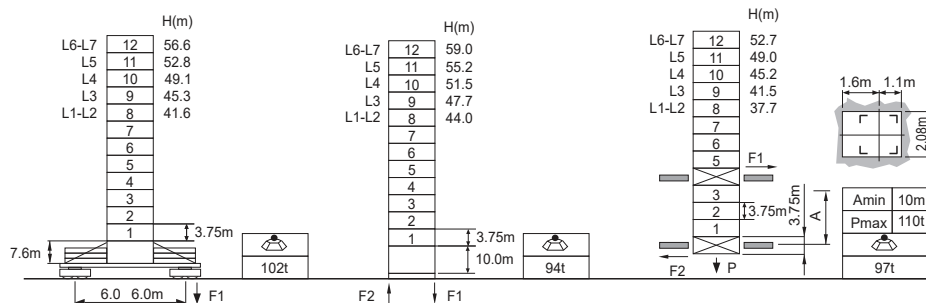


Mechanisms

	75LVF35KW	m/min	0 ~ 38	0 ~ 76	55kW		
			t	6.0			3.0
			m/min	0 ~ 25			0 ~ 50
	60VVV40KW	15~80	2min10s		45kW		
			t	9.0			4.5
	RCV95	rpm	0 ~ 0.6		2x5.5kW		
			380V 50Hz(5%) 380V 60Hz(5%) 440V 60Hz(5%)	135kVA	kVA		
※ Please consult us		△ Option					



Jib root hinge height



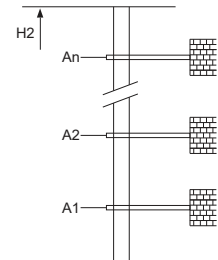
H20	H	Jib root hinge height (not include the fixing angle)	● In service
1.95m	H1	Height under hook	■ Out of service
	H2	Tower body height: H2 = [H - 4.0m]	F Reactions
		Total weight of free standing height (excludes counter weight and ballast)	
		Total weight of counter weight	
		Please consult with us in case higher freestanding height needed.	

Load diagrams		R(C _{MAX})	C _{MAX}	m	20	22	25	27	30	32	35	37	40	42	45	47	50	52	55	57	60
60m	☹	5.4~40.4 [49.4]	9	t	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	8.4	7.4	6.8	6.0	5.6	4.9	4.5	4.0
	☹	5.4~31.2 [59.8]	13.5	t	13.5	13.5	13.5	13.5	13.5	13.0	11.3	10.4	9.1	8.4	7.4	6.8	6.0	5.6	4.9	4.5	4.0
55m	☹	5.0~41.1 [43.8]	9	t	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	8.7	7.7	7.1	6.3	5.8	5.2		
	☹	5.0~31.6 [56.3]	13.5	t	13.5	13.5	13.5	13.5	13.5	13.2	11.6	10.6	9.4	8.7	7.7	7.1	6.3	5.8	5.2		
50m	☹	5.0~25.7 [63.2]	18	t	18.0	18.0	18.0	16.8	14.5	13.2	11.6	10.6	9.4	8.7	7.7	7.1	6.3	5.8	5.2		
	☹	4.5~41.6 [36.5]	9	t	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	8.9	7.9	7.3	6.5				
45m	☹	4.5~32.0 [51.7]	13.5	t	13.5	13.5	13.5	13.5	13.5	13.5	11.8	10.9	9.6	8.9	7.9	7.3	6.5				
	☹	4.5~25.9 [60.0]	18	t	18.0	18.0	18.0	17.0	14.8	13.5	11.8	10.9	9.6	8.9	7.9	7.3	6.5				
40m	☹	4.1~41.6 [26.8]	9	t	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	8.9	7.9						
	☹	4.1~32.0 [46.5]	13.5	t	13.5	13.5	13.5	13.5	13.5	13.5	11.8	10.9	9.6	8.9	7.9						
35m	☹	3.6~40.0 [15.0]	9	t	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0							
	☹	3.6~32.0 [39.5]	13.5	t	13.5	13.5	13.5	13.5	13.5	13.5	11.8	10.9	9.6	8.9							
30m	☹	3.2~35.0 [15.0]	9	t	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0								
	☹	3.2~25.9 [27.7]	13.5	t	13.5	13.5	13.5	13.5	13.5	13.5	11.8										
25m	☹	2.7~30.0 [15.0]	9	t	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0									
	☹	2.7~25.9 [33.5]	18	t	18.0	18.0	18.0	17.0	14.8	13.5	11.8										

Anchorage

An[m]	A1	A2	A3	A4	A5	A6	A7	A8	A9	A10
H2 [m]	66.2	88.7	107.5	130.0	152.5	175.0	197.5	220.0	242.5	-

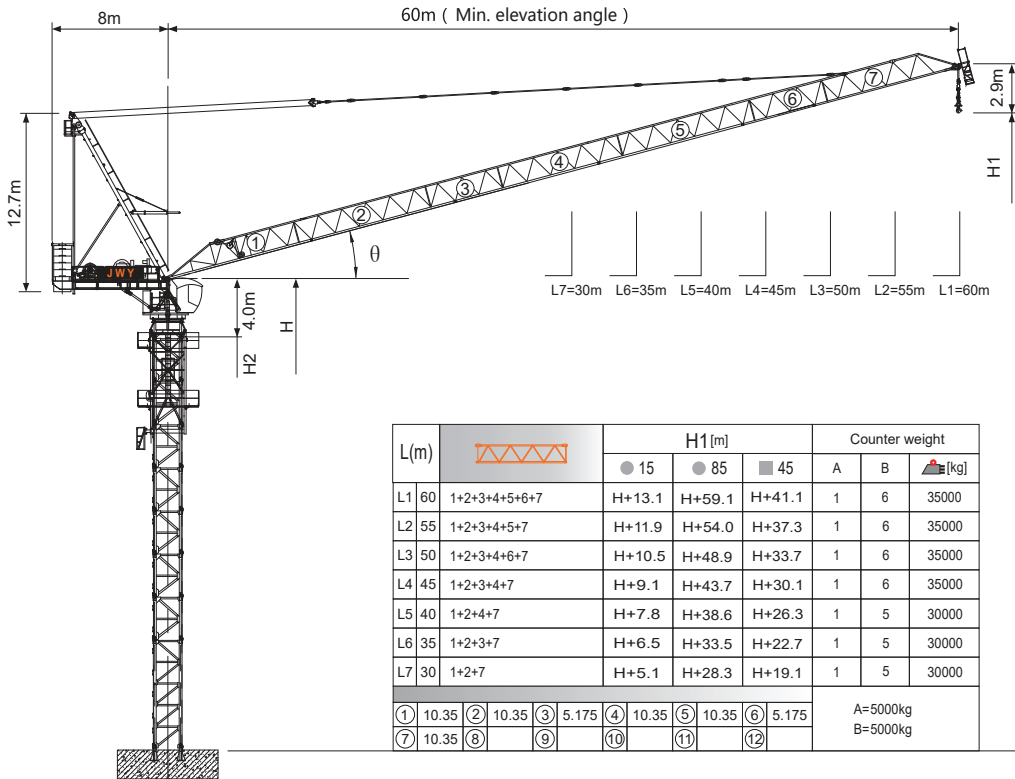
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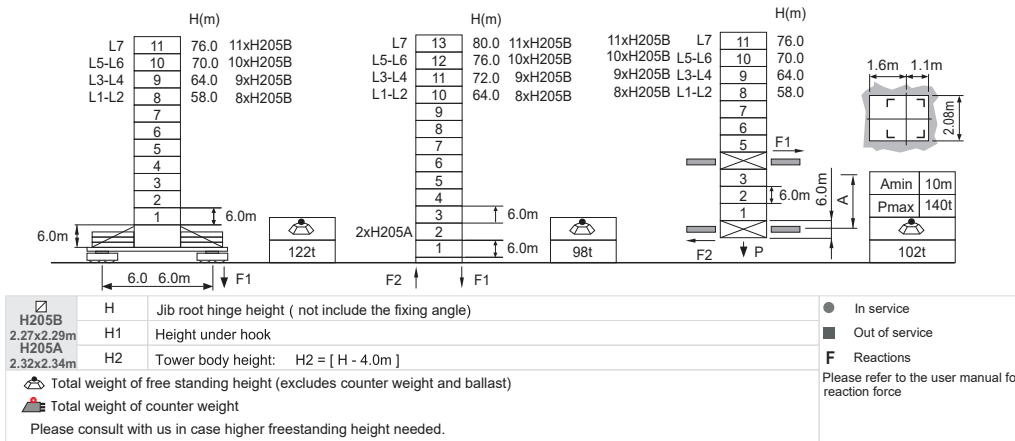
Mechanisms

100LVF45KW-Q	m/min	0 ~ 38	0 ~ 76	75kW	700m >700m※
	t	9	4.5		
75VVF45KW	m/min	0 ~ 25	0 ~ 50	55kW	2x7.5kW
	t	13.5	6.75		
RCV145	m/min	0 ~ 19	0 ~ 38	175kVA	kVA
	t	18	9		
380V 50Hz(5%)					
380V 60Hz(5%)					
440V 60Hz(5%)					

※ Please consult us △ Option



Jib root hinge height



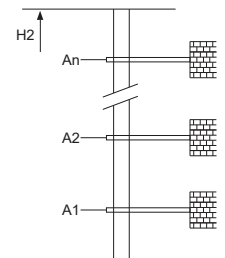
Load diagrams

R falls	R(C _{MAX})	C _{MAX}	m	20	22	25	27	30	32	35	37	40	42	45	47	50	52	55	57	60
60m	5.4~37.7 [52.6]	12	t	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	10.9	10.1	8.9	8.3	7.4	6.8	6.1	5.6	5.0
55m	5.0~38.5 [47.4]	12	t	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	11.3	10.4	9.3	8.6	7.7	7.2	6.4		
	5.0~29.0 [59.3]	18	t	18.0	18.0	18.0	18.0	17.2	15.7	13.8	12.7	11.3	10.4	9.3	8.6	7.7	7.2	6.4		
50m	4.5~39.2 [40.8]	12	t	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	11.6	10.8	9.1	9.0	8.1				
	4.5~29.4 [55.4]	18	t	18.0	18.0	18.0	18.0	17.5	16.1	14.2	13.0	11.6	10.8	9.1	9.0	8.1				
	4.5~23.5 [63.0]	24	t	24.0	24.0	22.2	20.1	17.5	16.1	14.2	13.0	11.6	10.8	9.1	9.0	8.1				
45m	4.1~39.2 [32.6]	12	t	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	11.6	10.8	9.1						
	4.1~29.4 [50.8]	18	t	18.0	18.0	18.0	18.0	17.5	16.1	14.2	13.0	11.6	10.8	9.1						
	4.1~23.5 [55.4]	24	t	24.0	24.0	22.2	20.1	17.5	16.1	14.2	13.0	11.6	10.8	9.1						
40m	3.6~39.2 [18.6]	12	t	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	11.6								
	3.6~29.4 [44.8]	18	t	18.0	18.0	18.0	18.0	17.5	16.1	14.2	13.0	11.6								
	3.6~23.5 [55.4]	24	t	24.0	24.0	22.2	20.1	17.5	16.1	14.2	13.0	11.6								
35m	3.2~35.0 [15.0]	12	t	12.0	12.0	12.0	12.0	12.0	12.0	12.0										
	3.2~29.4 [35.8]	18	t	18.0	18.0	18.0	18.0	17.5	16.1	14.2										
	3.2~23.5 [49.5]	24	t	24.0	24.0	22.2	20.1	17.5	16.1	14.2										
30m	2.7~30.0 [15.0]	12	t	12.0	12.0	12.0	12.0	12.0												
	2.7~29.4 [18.8]	18	t	18.0	18.0	18.0	18.0	17.5												
	2.7~23.5 [40.8]	24	t	24.0	24.0	22.2	20.1	17.5												

Anchorage

An[m]	A1	A2	A3	A4	A5	A6	A7	A8	A9	A10
57.0	93.0	129.0	165.0	201.0	237.0	273.0	309.0	-	-	
H2 [m]	102.0	132.0	168.0	204.0	240.0	276.0	312.0	348.0	-	-

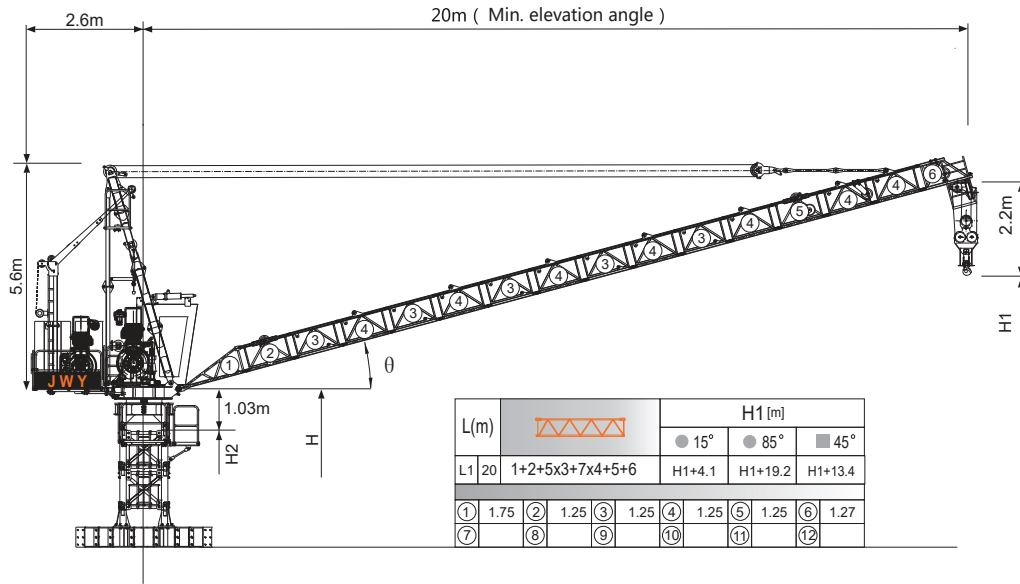
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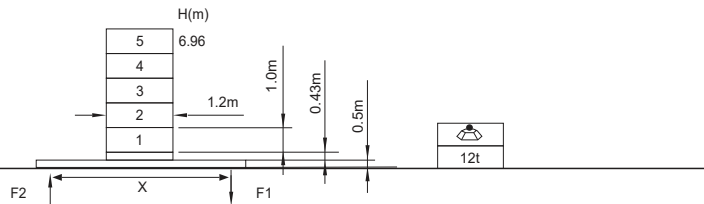
Mechanisms

120LVF60KW	m/min	0 ~ 36	0 ~ 72	90kW	1000m >1000m※
		t	12		
	m/min	0 ~ 24	0 ~ 48		
		t	18		
100VVF55KW	15~80	2min40s		75kW	
		RCV145	rpm	0 ~ 0.6	
380V 50Hz(5%) 380V 60Hz(5%) 440V 60Hz(5%)	220kVA			kVA	

※ Please consult us △ Option



Jib root hinge height



L24	H	Jib root hinge height (not include the fixing angle)	● In service
1.2m	H1	Height under hook	■ Out of service
	H2	Tower body height: H2 = [H - 1.03m]	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

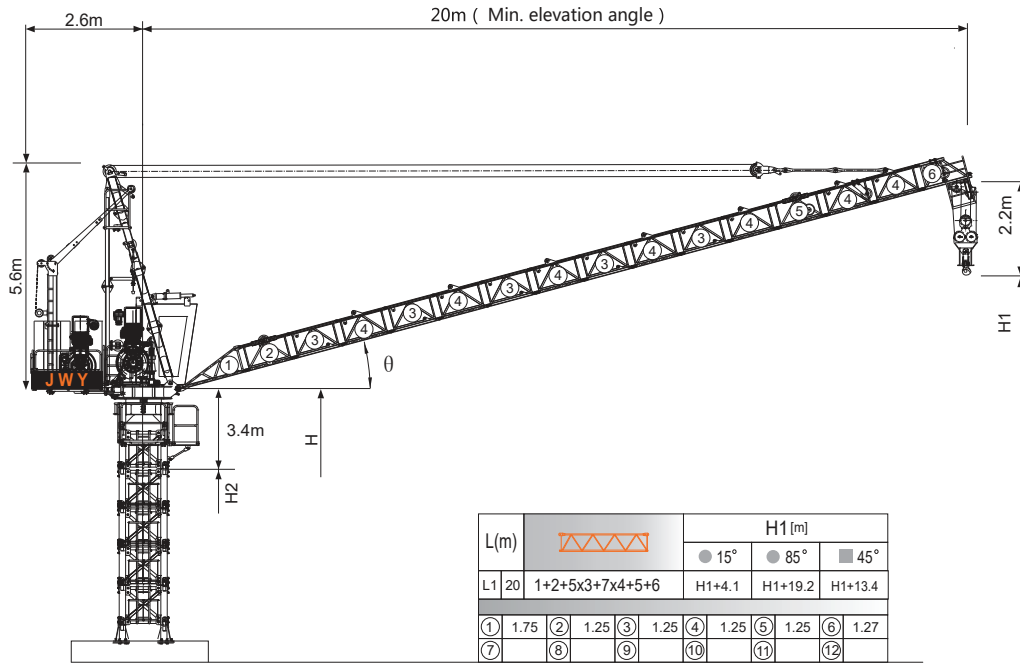
Load diagrams

R	falls	R(C _{MAX})	C _{MAX}	m	8	9	10	11	12	13	14	15	16	17	18	19	20
20m		4.3~16.2 [38.8]	4	t	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	3.7	3.5	3.2	3.0
		4.3~11.7 [56.2]	6	t	6.0	6.0	6.0	6.0	5.8	5.2	4.8	4.4	4.1	3.7	3.5	3.2	3.0
		4.3~9.1 [64.8]	8	t	8.0	8.0	7.1	6.4	5.8	5.2	4.8	4.4	4.1	3.7	3.5	3.2	3.0

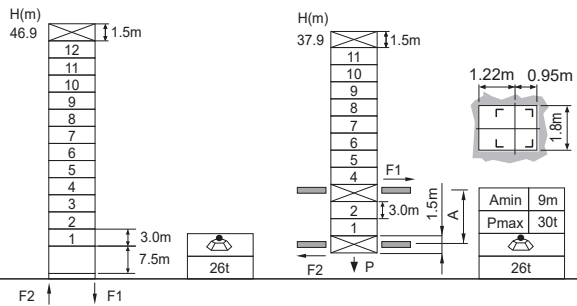
Mechanisms

	50LVF20KL-D		m/min	0~42	0~84	37kW	
			t	3.0	1.5		
			m/min	0~28	0~56		
			t	4.5	2.25		
	20VVF15KL		t	6.0	3.0	15kW	
			m/min	0~21	0~42		
	RCV95	rpm	0~0.8		5.5kW		
	380V 50Hz(5%) 380V 60Hz(5%) 440V 60Hz(5%)		70kVA		kVA		

※ Please consult us △ Option



Jib root hinge height



L46A1	H	Jib root hinge height (not include the fixing angle)	● In service
□ 1.6m	H1	Height under hook	■ Out of service
	H2	Tower body height: H2 = [H - 3.4m]	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.	

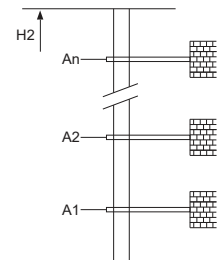
Load diagrams

R	falls	R(C _{MAX})	C _{MAX}	m	8	9	10	11	12	13	14	15	16	17	18	19	20
20m	⚖	4.3~16.2 [38.8]	4	t	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	3.7	3.5	3.2	3.0
	⚖	4.3~11.7 [56.2]	6	t	6.0	6.0	6.0	6.0	5.8	5.2	4.8	4.4	4.1	3.7	3.5	3.2	3.0
	⚖	4.3~9.1 [64.8]	8	t	8.0	8.0	7.1	6.4	5.8	5.2	4.8	4.4	4.1	3.7	3.5	3.2	3.0

Anchorage

An [m]	A1	A2	A3	A4	A5	A6	A7	A8	A9	A10
H2 [m]	33.0	54.0	75.0	96.0	117.0	138.0	159.0	180.0	-	-
H2 [m]	67.5	88.5	106.5	127.5	148.5	169.5	190.5	211.5	-	-

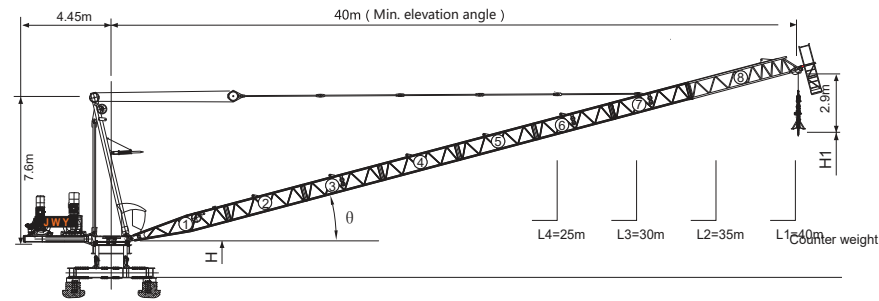
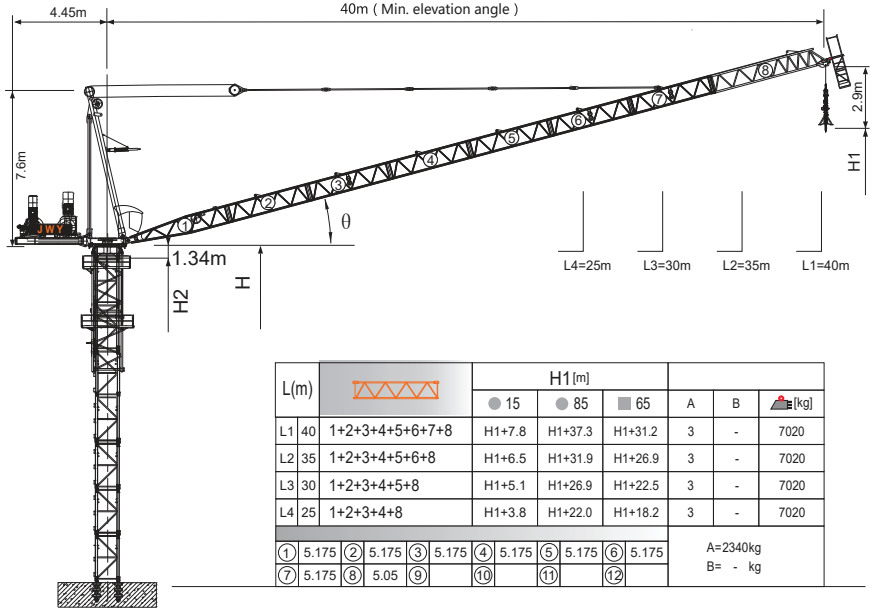
※ Over this height please contact us



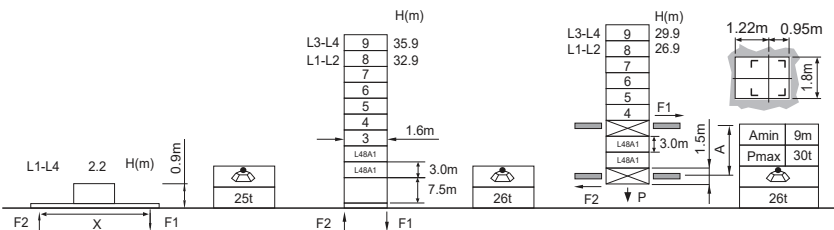
Mechanisms

⚙	50LVF20KL-A	m/min	0~42	0~84	37kW	800m >800m※
		t	3.0	1.5		
		m/min	0~28	0~56		
		t	4.5	2.25		
		m/min	0~21	0~42		
		t	6.0	3.0		
⚙	20VVF15KL	15~80	2min		15kW	
⚙	RCV95	rpm	0~0.8		5.5kW	
⚡	380V 50Hz(5%) 380V 60Hz(5%) 440V 60Hz(5%)	70kVA			kVA	

※ Please consult us △ Option



Jib root hinge height



L46A1	H	Jib root hinge height (not include the fixing angle)
1.6m	H1	Height under hook
	H2	Tower body height: H2 = [H - 1.34m]

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

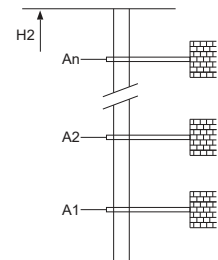
Load diagrams

R	falls	R(C _{MAX})	C _{MAX}	m	10	12	15	17	20	22	25	27	30	32	35	37	40
40m		4.6 ~ 19.8 [62.3]	8	t	8.0	8.0	8.0	8.0	7.9	6.8	5.5	4.8	4.0	3.5	2.8	2.5	2.0
		4.6 ~ 14.7 [70.3]	12	t	12.0	12.0	11.8	9.9	7.9	6.8	5.5	4.8	4.0	3.5	2.8	2.5	2.0
		4.6 ~ 11.7 [74.8]	16	t	16.0	15.6	11.8	9.9	7.9	6.8	5.5	4.8	4.0	3.5	2.8	2.5	2.0
35m		4.1 ~ 20.1 [57.2]	8	t	8.0	8.0	8.0	8.0	8.0	7.0	5.7	5.0	4.1	3.6	3.0		
		4.1 ~ 14.9 [66.8]	12	t	12.0	12.0	11.9	10.1	8.1	7.0	5.7	5.0	4.1	3.6	3.0		
30m		3.7 ~ 20.3 [50.2]	8	t	8.0	8.0	8.0	8.0	8.0	7.1	5.8	5.1	4.2				
		3.7 ~ 15.1 [62.2]	12	t	12.0	12.0	12.0	10.2	8.2	7.1	5.8	5.1	4.2				
		3.7 ~ 12.0 [68.6]	16	t	16.0	16.0	12.1	10.2	8.2	7.1	5.8	5.1	4.2				
25m		3.2 ~ 20.5 [38.5]	8	t	8.0	8.0	8.0	8.0	8.0	8.0	7.2	5.9					
		3.2 ~ 15.2 [55.2]	12	t	12.0	12.0	12.0	10.4	8.3	7.2	5.9						
		3.2 ~ 12.1 [63.7]	16	t	16.0	16.0	12.2	10.4	8.3	7.2	5.9						

Anchorage

An[m]	A1	A2	A3	A4	A5	A6	A7	A8	A9	A10
30.0	45.0	60.0	75.0	90.0	105.0	120.0	135.0	150.0	165.0	
H2 [m]	46.5	61.5	76.5	91.5	106.5	121.5	136.5	151.5	166.5	181.5 ※

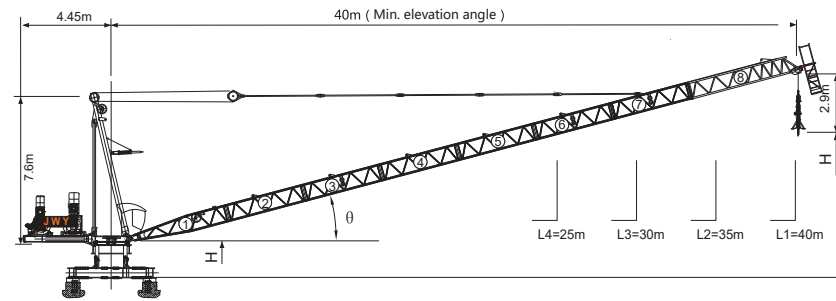
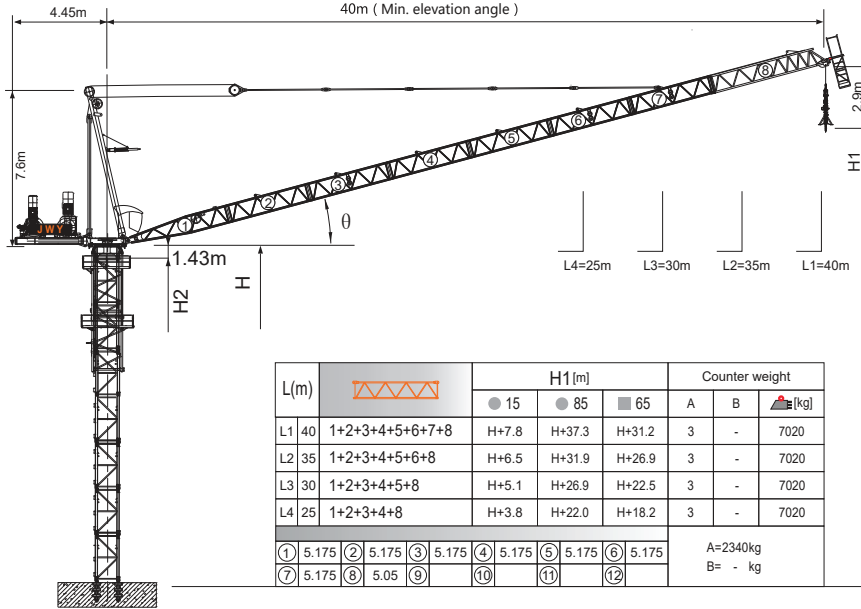
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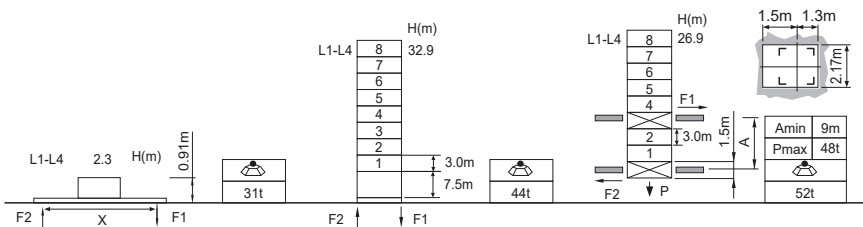
Mechanisms

	75LVF40KL		m/min	0 ~ 41	0 ~ 82	55kW	
		t	8.0	4.0			
			m/min	0 ~ 27.3	0 ~ 54.6		
		t	12.0	6.0			
	50VVF35KL	15~80		2min20s	37kW		
				rpm	0 ~ 0.8	2x5.5kW	
	RCV95	380V 50Hz(5%) 380V 60Hz(5%) 440V 60Hz(5%)		125kVA	kVA		

※ Please consult us △ Option



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)			Please refer to the user manual for reaction force
Total weight of counter weight			
Please consult with us in case higher freestanding height needed.			

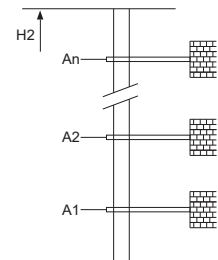
Load diagrams

R	falls	R(C _{MAX})	C _{MAX}	m	10	12	15	17	20	22	25	27	30	32	35	37	40
40m	☺	4.6 ~ 26.5 [50.9]	8	t	8.0	8.0	8.0	8.0	8.0	8.0	8.0	7.8	6.6	5.9	5.1	4.6	4.0
	☹	4.6 ~ 19.8 [62.3]	12	t	12.0	12.0	12.0	12.0	11.8	10.4	8.7	7.8	6.6	5.9	5.1	4.6	4.0
	☹	4.6 ~ 15.8 [68.6]	16	t	16.0	16.0	16.0	14.6	11.8	10.4	8.7	7.8	6.6	5.9	5.1	4.6	4.0
35m	☺	4.1 ~ 26.9 [42.8]	8	t	8.0	8.0	8.0	8.0	8.0	8.0	8.0	7.9	6.8	6.1	5.2		
	☹	4.1 ~ 20.0 [57.5]	12	t	12.0	12.0	12.0	12.0	12.0	10.1	8.9	7.9	6.8	6.1	5.2		
	☹	4.1 ~ 15.9 [65.0]	16	t	16.0	16.0	16.0	14.8	12.1	10.1	8.9	7.9	6.8	6.1	5.2		
30m	☺	3.7 ~ 27.2 [29.5]	8	t	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	6.9				
	☹	3.7 ~ 20.2 [50.4]	12	t	12.0	12.0	12.0	12.0	12.0	10.7	9.0	8.1	6.9				
	☹	3.7 ~ 16.1 [60.0]	16	t	16.0	16.0	16.0	14.9	12.2	10.7	9.0	8.1	6.9				
25m	☺	3.2 ~ 25.0 [16.0]	8	t	8.0	8.0	8.0	8.0	8.0	8.0	8.0						
	☹	3.2 ~ 20.3 [39.0]	12	t	12.0	12.0	12.0	12.0	12.0	10.8	9.1						
	☹	3.2 ~ 16.2 [52.5]	16	t	16.0	16.0	16.0	15.0	12.3	10.8	9.1						

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	-	-	
H2 [m]	55.5	76.5	97.5	115.5	136.5	157.5	178.5	199.5	※	-

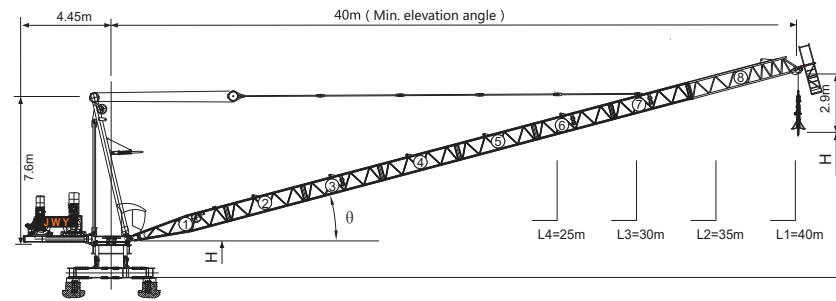
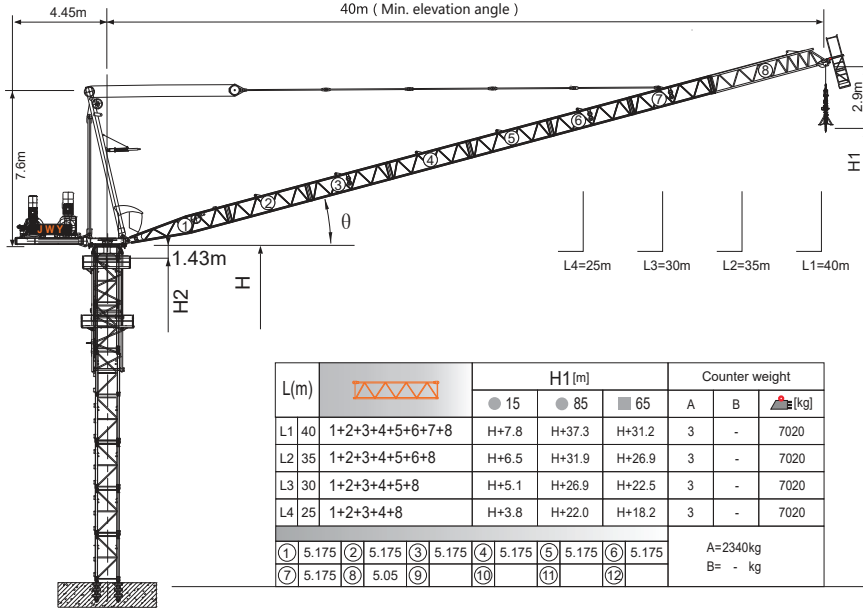
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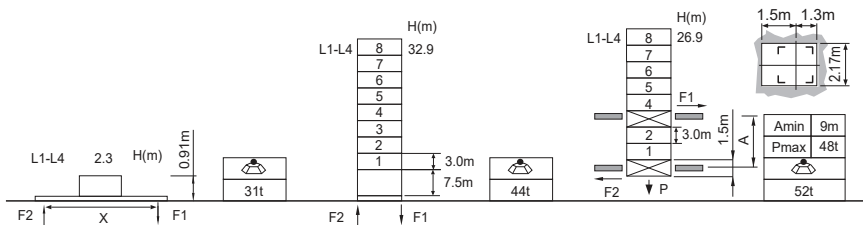
Mechanisms

Mechanism	Model	Speed	Power	Capacity
75LVF40KL	☺	m/min	0 ~ 41	55kW
		t	8.0	
	☹	m/min	0 ~ 27.3	0 ~ 54.6
		t	12.0	6.0
☹	m/min	0 ~ 20.5	0 ~ 41	1000m >1000m※
	t	16.0	8.0	
75VVF40KL	15~80	1min40s	55kW	
RVC95	rpm	0 ~ 0.8	2x5.5kW	
⚡	380V 50Hz(5%) 380V 60Hz(5%) 440V 60Hz(5%)	145kVA	kVA	

※ Please consult us △ Option



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: $H_2 = [H - 1.43m]$	F Reactions
			Please refer to the user manual for reaction force

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.

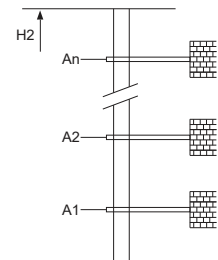
Load diagrams

R	falls	R(C _{MAX})	C _{MAX}	m	10	12	15	17	20	22	25	27	30	32	35	37	40
40m		4.6 ~ 22.6 [57.8]	10	t	10.0	10.0	10.0	10.0	10.0	10.0	8.7	7.8	6.6	5.9	5.1	4.6	4.0
		4.6 ~ 16.6 [67.4]	15	t	15.0	15.0	15.0	14.6	11.8	10.4	8.7	7.8	6.6	5.9	5.1	4.6	4.0
		4.6 ~ 13.1 [72.6]	20	t	20.0	20.0	17.1	14.6	11.8	10.4	8.7	7.8	6.6	5.9	5.1	4.6	4.0
35m		4.1 ~ 22.9 [51.6]	10	t	10.0	10.0	10.0	10.0	10.0	10.0	8.9	7.9	6.8	6.1	5.2		
		4.1 ~ 16.8 [63.5]	15	t	15.0	15.0	15.0	14.8	12.1	10.6	8.9	7.9	6.8	6.1	5.2		
		4.1 ~ 13.2 [69.9]	20	t	20.0	20.0	17.2	14.8	12.1	10.6	8.9	7.9	6.8	6.1	5.2		
30m		3.7 ~ 23.2 [42.5]	10	t	10.0	10.0	10.0	10.0	10.0	10.0	9.0	8.1	6.9				
		3.7 ~ 16.9 [58.2]	15	t	15.0	15.0	15.0	14.9	12.2	10.7	9.0	8.1	6.9				
		3.7 ~ 13.3 [66.0]	20	t	20.0	20.0	17.4	14.9	12.2	10.7	9.0	8.1	6.9				
25m		3.2 ~ 23.3 [26.5]	10	t	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	9.1				
		3.2 ~ 17.0 [50.0]	15	t	15.0	15.0	15.0	15.0	12.3	10.8	9.1						
		3.2 ~ 13.4 [60.3]	20	t	20.0	20.0	17.5	15.0	12.3	10.8	9.1						

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	-	-	
H2 [m]	55.5	76.5	97.5	115.5	136.5	157.5	178.5	199.5	-	-

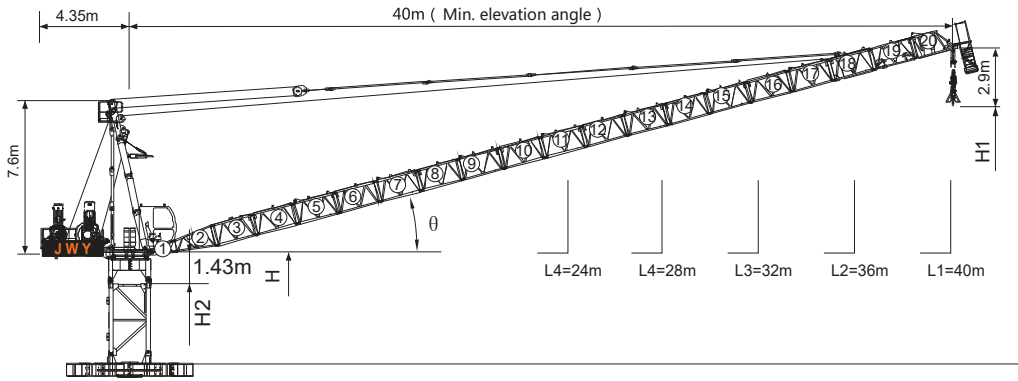
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Mechanisms

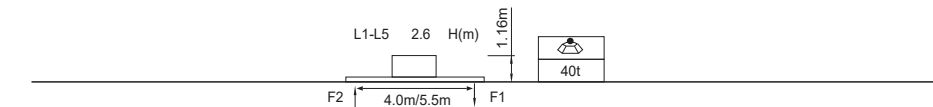
Model	Speed	Power	Capacity
100LVF50KL		m/min 0 ~ 44	75kW
		t 8.0	1000m >1000m※
		m/min 0 ~ 29.3	90kW
		t 12.0	1200m >1200m※
		m/min 0 ~ 22	55kW
		t 16.0	
120LVF50KL-P		m/min 0 ~ 45	75kW
		t 8.0	1000m >1000m※
		m/min 0 ~ 30	90kW
		t 12.0	1200m >1200m※
		m/min 0 ~ 22.5	55kW
		t 16.0	
75VVF40KL	15~80	1min40s	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



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	2.07	A= 500 kg B= - kg		
⑱ 2.07	⑳ 2.07	㉑ 2.06	㉒ ㉓ ㉔ ㉕ ㉖ ㉗ ㉘ ㉙	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

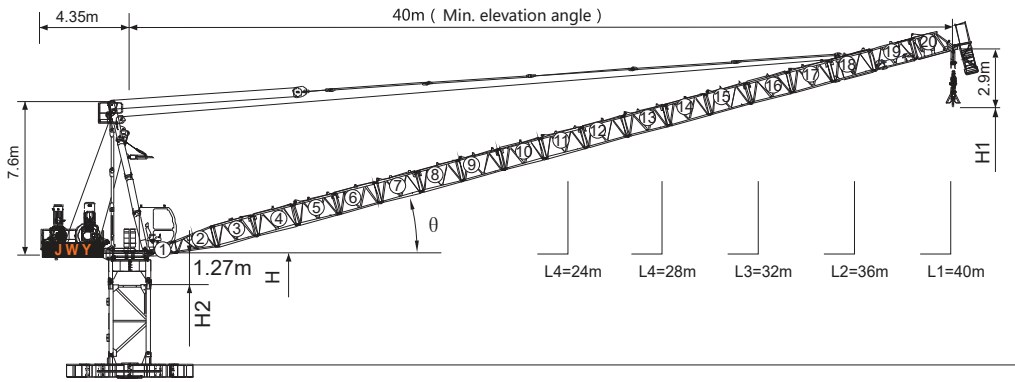
Load diagrams

R	falls	R(C _{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
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

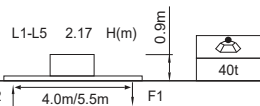
	100LVF50KL		m/min	0 ~ 44	0 ~ 88	75kW	
			t	8.0	4.0		
	120LVF50KL-P		m/min	0 ~ 29.3	0 ~ 58.6	90kW	
			t	12.0	6.0		
	75VVF40KL		m/min	0 ~ 22	0 ~ 44	55kW	
			t	16.0	8.0		
	RCV95		m/min	0 ~ 45	0 ~ 90	2x5.5kW	
			t	8.0	4.0		
	RCV95		m/min	0 ~ 30	0 ~ 60	2x5.5kW	
			t	12.0	6.0		
	RCV95		m/min	0 ~ 22.5	0 ~ 45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

Please consult us Option



L(m)	Jib configuration	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	⑲ 2.07	⑳ 2.06	① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩ ⑪ ⑫ ⑬ ⑭ ⑮ ⑯ ⑰	⑱ 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) Total weight of counter weight Please consult with us in case higher freestanding height needed.			Please refer to the user manual for reaction force

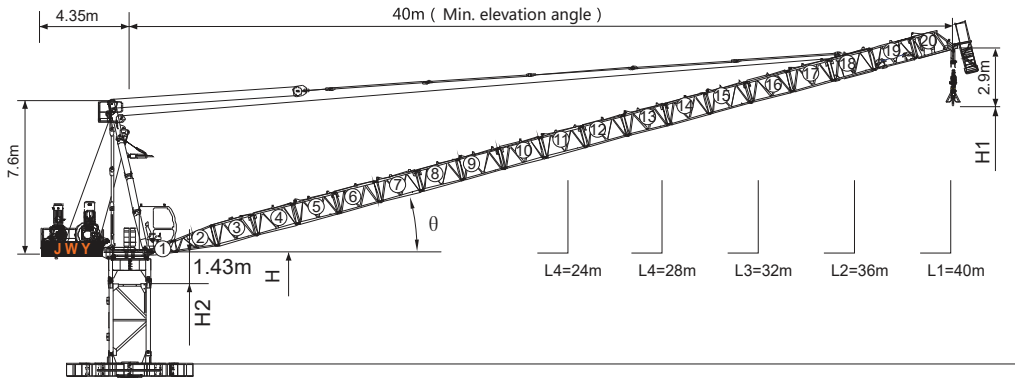
Load diagrams

R	falls	R(C _{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
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

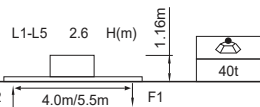
☺	100LVF50KL	m/min	0 ~ 44	0 ~ 88	75kW	1000m >1000m※
		t	8.0	4.0		
☹	120LVF50KL-P	m/min	0 ~ 29.3	0 ~ 58.6	90kW	1200m >1200m※
		t	12.0	6.0		
☺	75VVF40KL	m/min	0 ~ 22	0 ~ 44	55kW	
		t	16.0	8.0		
☹	RVC95	m/min	0 ~ 45	0 ~ 90	2x5.5kW	
		t	8.0	4.0		
⚡	380V 50Hz(5%) 380V 60Hz(5%) 440V 60Hz(5%)	m/min	0 ~ 30	0 ~ 60	kVA	
		t	12.0	6.0		
⚡	100LVF50KL 170kVA 120LVF50KL-P 185kVA	m/min	0 ~ 22.5	0 ~ 45		
		t	16.0	8.0		

※ Please consult us △ Option



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 2.07	㉑ 2.06	㉒ ⑤ ⑦ ⑨ ⑪ ⑬ ⑰ ⑲	㉓ 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

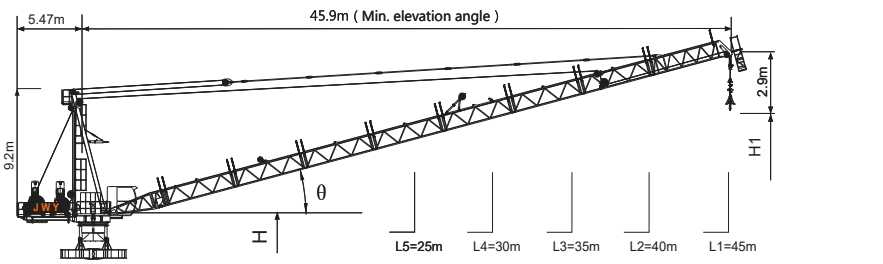
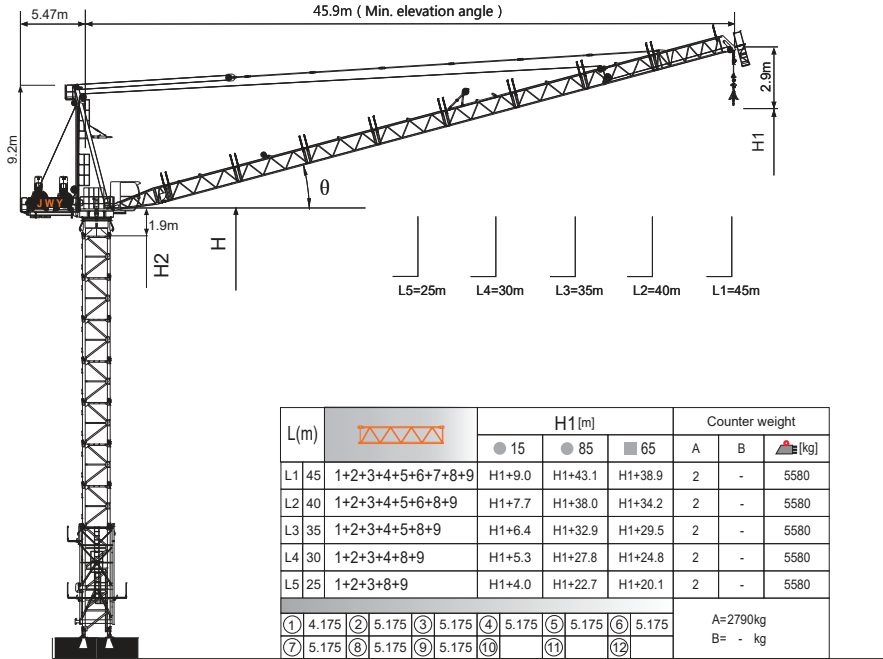
Load diagrams

R	falls	R(C _{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								

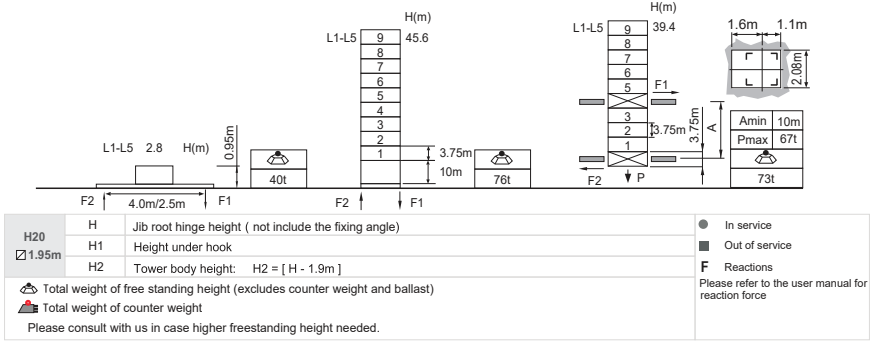
Mechanisms

	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				
	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				
	75VVF40KL		m/min	15~80	1min40s	55kW	
			t	16.0	8.0		
	RCV95		m/min	0 ~ 0.8		2x5.5kW	
			t	16.0	8.0		
	380V 50Hz(5%) 380V 60Hz(5%) 440V 60Hz(5%)		m/min	100LVF50KL 170kVA 120LVF50KL-P 185kVA		kVA	
			t				
			t				

Please consult us Option



Jib root hinge height



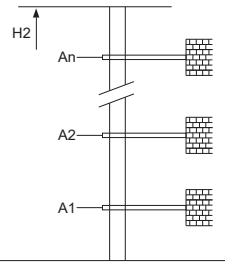
Load diagrams

R	falls	R(C _{MAX})	C _{MAX}	m	10	12	15	17	20	22	25	27	30	32	35	37	40	42	45
45m	⚖	4.2~27.7 [55.8]	10	t	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	8.7	7.8	6.6	5.9	5.1	4.5	3.7
	⚖	4.2~21.1 [65.2]	15	t	15.0	15.0	15.0	15.0	15.0	14.1	11.6	10.3	8.7	7.8	6.6	5.9	5.1	4.5	3.7
40m	⚖	4.2~16.7 [71.1]	20	t	20.0	20.0	20.0	19.9	16.1	14.1	11.6	10.3	8.7	7.8	6.6	5.9	5.1	4.5	3.7
	⚖	4.0~29.1 [47.9]	10	t	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	9.5	8.6	7.4	6.7	5.5		
35m	⚖	4.0~21.8 [60.7]	15	t	15.0	15.0	15.0	15.0	15.0	14.9	12.5	11.1	9.5	8.6	7.4	6.7	5.5		
	⚖	4.0~17.5 [67.4]	20	t	20.0	20.0	20.0	20.0	16.9	14.9	12.5	11.1	9.5	8.6	7.4	6.7	5.5		
30m	⚖	3.7~29.1 [39.7]	10	t	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	9.5	8.6	7.4				
	⚖	3.7~21.8 [55.9]	15	t	15.0	15.0	15.0	15.0	15.0	14.9	12.5	11.1	9.5	8.6	7.4				
25m	⚖	3.7~17.5 [64.0]	20	t	20.0	20.0	20.0	20.0	16.9	14.9	12.5	11.1	9.5	8.6	7.4				
	⚖	3.4~29.1 [25.5]	10	t	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	9.5	8.6	7.4				
20m	⚖	3.4~21.8 [49.0]	15	t	15.0	15.0	15.0	15.0	15.0	14.9	12.5	11.1	9.5						
	⚖	3.4~17.5 [59.0]	20	t	20.0	20.0	20.0	20.0	16.9	14.9	12.5	11.1	9.5						
15m	⚖	3.1~25.0 [21.6]	10	t	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0							
	⚖	3.1~21.8 [37.4]	15	t	15.0	15.0	15.0	15.0	15.0	15.0	14.9	12.5							
10m	⚖	3.1~17.5 [51.6]	20	t	20.0	20.0	20.0	20.0	16.9	14.9	12.5								

Anchorage

An[m]	A1	A2	A3	A4	A5	A6	A7	A8	A9	A10
H2 [m]	41.8	68.1	94.3	120.6	146.8	173.1	199.3	225.6	251.8	278.1

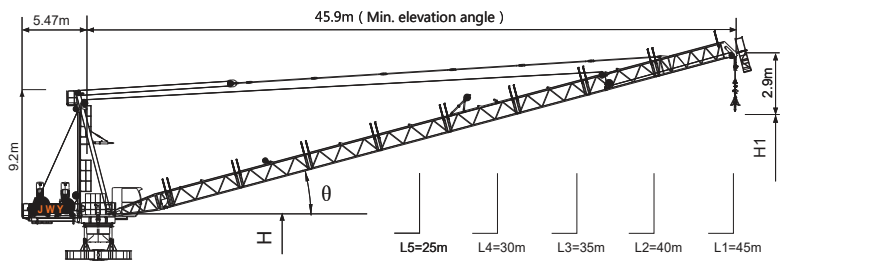
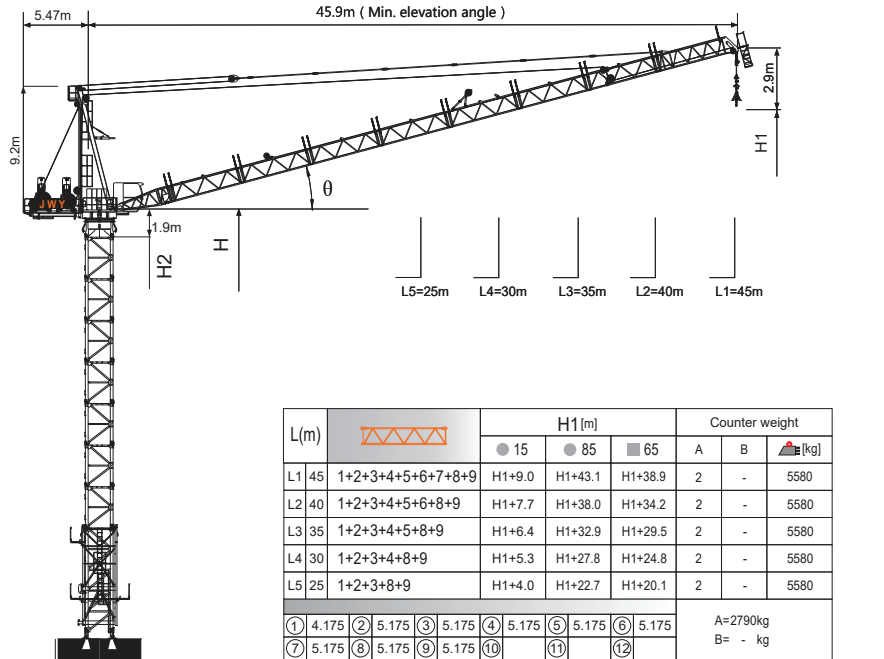
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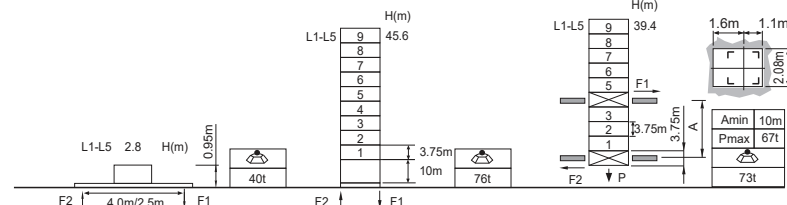
Mechanisms

⚙	100LVF50KL	⚖	m/min	0 ~ 44	0 ~ 88	75kW	1000m >1000m※
		t	10.0	5.0			
⚙	120LVF50KL-P	⚖	m/min	0 ~ 29.3	0 ~ 58.6	90kW	1200m >1200m※
		t	15.0	7.5			
⚙	75VVF40KL	⚖	m/min	0 ~ 22	0 ~ 44	55kW	
		t	20.0	10.0			
⚙	RCV145	⚖	m/min	0 ~ 45	0 ~ 90	2x7.5kW	
		t	10.0	5.0			
⚙	RCV145	⚖	m/min	0 ~ 30	0 ~ 60	2x7.5kW	
		t	15.0	7.5			
⚙	RCV145	⚖	m/min	0 ~ 22.5	0 ~ 45	2x7.5kW	
		t	20.0	10.0			
⚙	RCV145	⚖	m/min	0 ~ 22.5	0 ~ 45	2x7.5kW	
		t	20.0	10.0			
⚙	RCV145	⚖	m/min	0 ~ 22.5	0 ~ 45	2x7.5kW	
		t	20.0	10.0			
⚙	RCV145	⚖	m/min	0 ~ 22.5	0 ~ 45	2x7.5kW	
		t	20.0	10.0			

※ Please consult us △ Option



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 - 1.9m]	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

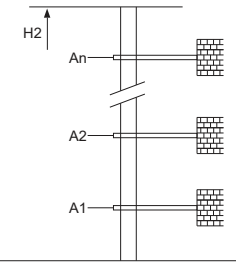
Load diagrams

R	falls	R(C _{MAX})	C _{MAX}	m	10	12	15	17	20	22	25	27	30	32	35	37	40	42	45
45m		4.2~26.1 [58.2]	11	t	11.0	11.0	11.0	11.0	11.0	11.0	11.0	10.3	8.7	7.8	6.6	5.9	5.1	4.5	3.7
		4.2~19.7 [67.2]	16.5	t	16.5	16.5	16.5	16.5	16.1	14.1	11.6	10.3	8.7	7.8	6.6	5.9	5.1	4.5	3.7
40m		4.2~15.8 [72.4]	22	t	22.0	22.0	22.0	19.9	16.1	14.1	11.6	10.3	8.7	7.8	6.6	5.9	5.1	4.5	3.7
		4.0~27.3 [51.4]	11	t	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	9.5	8.6	7.4	6.7	5.5		
35m		4.0~20.4 [63.0]	16.5	t	16.5	16.5	16.5	16.5	16.5	14.9	12.5	11.1	9.5	8.6	7.4	6.7	5.5		
		3.7~27.3 [44.2]	11	t	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	9.5	8.6	7.4				
30m		3.7~16.2 [66.2]	22	t	22.0	22.0	22.0	20.7	16.9	14.9	12.5	11.1	9.5	8.6	7.4				
		3.4~27.3 [32.6]	11	t	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	9.5					
25m		3.4~20.4 [52.3]	16.5	t	16.5	16.5	16.5	16.5	16.5	14.9	12.5	11.1	9.5						
		3.1~20.4 [61.8]	22	t	22.0	22.0	22.0	20.7	16.9	14.9	12.5	11.1	9.5						
25m		3.1~25.0 [21.6]	11	t	11.0	11.0	11.0	11.0	11.0	11.0	11.0								
		3.1~20.4 [42.5]	16.5	t	16.5	16.5	16.5	16.5	16.5	14.9	12.5								
25m		3.1~16.2 [55.2]	22	t	22.0	22.0	22.0	20.7	16.9	14.9	12.5								

Anchorage

An[m]	A1	A2	A3	A4	A5	A6	A7	A8	A9	A10
H2 [m]	41.8	68.1	94.3	120.6	146.8	173.1	199.3	225.6	251.8	278.1

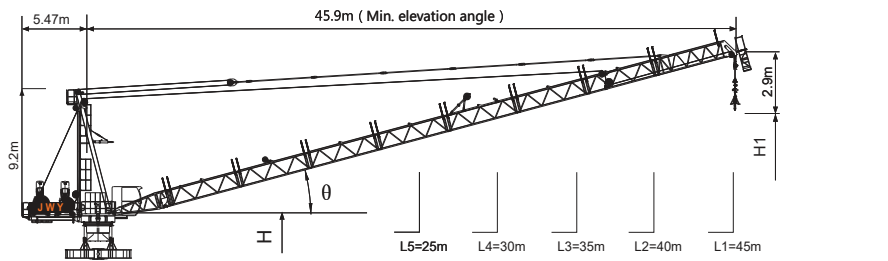
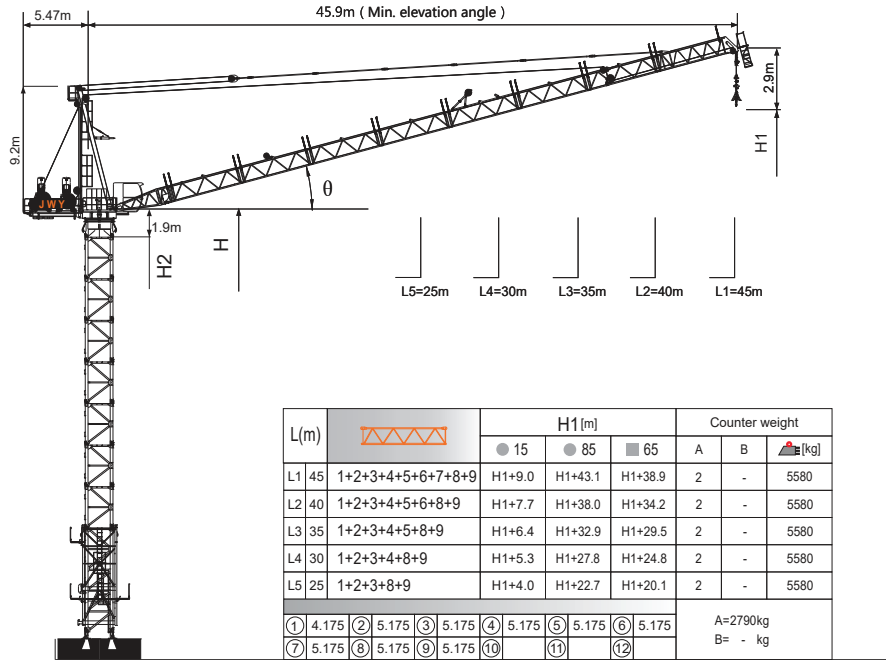
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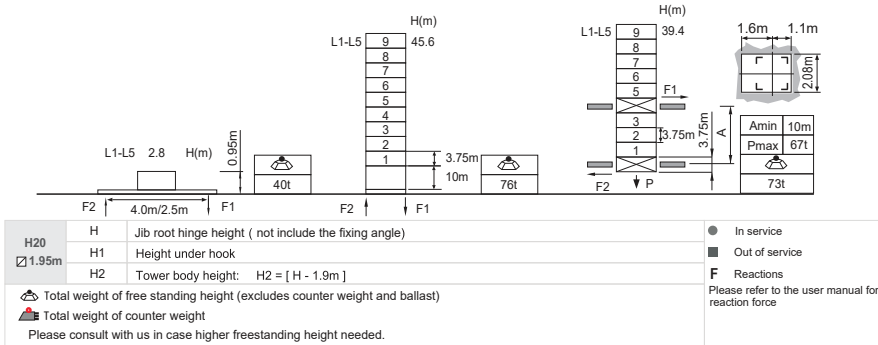
Mechanisms

	120LVF55KL		m/min	0 ~ 44	0 ~ 88	90kW		
			t	11.0	5.5			
			m/min	0 ~ 29.3	0 ~ 58.6			
			t	16.5	8.25			
	75VVF40KL		m/min	0 ~ 22	0 ~ 44	55kW		
			t	22.0	11.0			
	RCV145		rpm	0 ~ 0.8		2x7.5kW		
	380V 50Hz(5%) 380V 60Hz(5%) 440V 60Hz(5%)		120LVF55KL 190kVA			kVA		

※ Please consult us △ Option



Jib root hinge height



Load diagrams

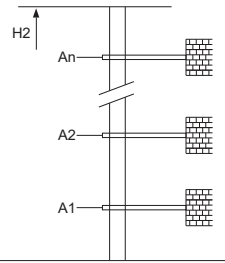
R	fall	R(C _{MAX})	C _{MAX}	m	10	12	15	17	20	22	25	27	30	32	35	37	40	42	45
45m	☺	4.2~24.6 [60.3]	12	t	12.0	12.0	12.0	12.0	12.0	12.0	11.6	10.3	8.7	7.8	6.6	5.9	5.1	4.5	3.7
	☹	4.2~18.4 [68.9]	18	t	18.0	18.0	18.0	18.0	16.1	14.1	11.6	10.3	8.7	7.8	6.6	5.9	5.1	4.5	3.7
40m	☺	4.2~14.7 [73.8]	24	t	24.0	24.0	23.3	19.9	16.1	14.1	11.6	10.3	8.7	7.8	6.6	5.9	5.1	4.5	3.7
	☹	4.0~25.5 [54.5]	12	t	12.0	12.0	12.0	12.0	12.0	12.0	12.0	11.1	9.5	8.6	7.4	6.7	5.5		
35m	☺	4.0~19.0 [65.0]	18	t	18.0	18.0	18.0	18.0	16.9	14.9	12.5	11.1	9.5	8.6	7.4	6.7	5.5		
	☹	4.0~15.1 [71.0]	24	t	24.0	24.0	24.0	20.7	16.9	14.9	12.5	11.1	9.5	8.6	7.4	6.7	5.5		
30m	☺	3.7~25.5 [48.3]	12	t	12.0	12.0	12.0	12.0	12.0	12.0	12.0	11.1	9.5	8.6	7.4				
	☹	3.7~19.0 [61.2]	18	t	18.0	18.0	18.0	18.0	16.9	14.9	12.5	11.1	9.5	8.6	7.4				
25m	☺	3.4~25.5 [38.7]	12	t	12.0	12.0	12.0	12.0	12.0	12.0	12.0	11.1	9.5						
	☹	3.4~15.1 [68.1]	24	t	24.0	24.0	24.0	20.7	16.9	14.9	12.5	11.1	9.5	8.6	7.4				
20m	☺	3.4~19.0 [55.7]	18	t	18.0	18.0	18.0	18.0	16.9	14.9	12.5	11.1	9.5						
	☹	3.4~15.1 [64.1]	24	t	24.0	24.0	24.0	20.7	16.9	14.9	12.5	11.1	9.5						
15m	☺	3.1~25.0 [21.6]	12	t	12.0	12.0	12.0	12.0	12.0	12.0	12.0								
	☹	3.1~19.0 [47.0]	18	t	18.0	18.0	18.0	18.0	18.0	16.9	14.9	12.5							
10m	☺	3.1~15.1 [58.4]	24	t	24.0	24.0	24.0	20.7	16.9	14.9	12.5								
	☹																		

Anchorage

An[m]	A1	A2	A3	A4	A5	A6	A7	A8	A9	A10
H2 [m]	41.8	68.1	94.3	120.6	146.8	173.1	199.3	225.6	251.8	278.1

H2 [m] 73.7 100.0 122.5 148.7 175.0 201.2 227.5 253.7 280.0 306.2 ※

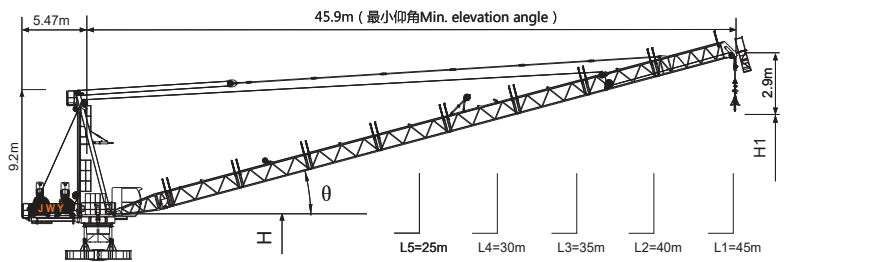
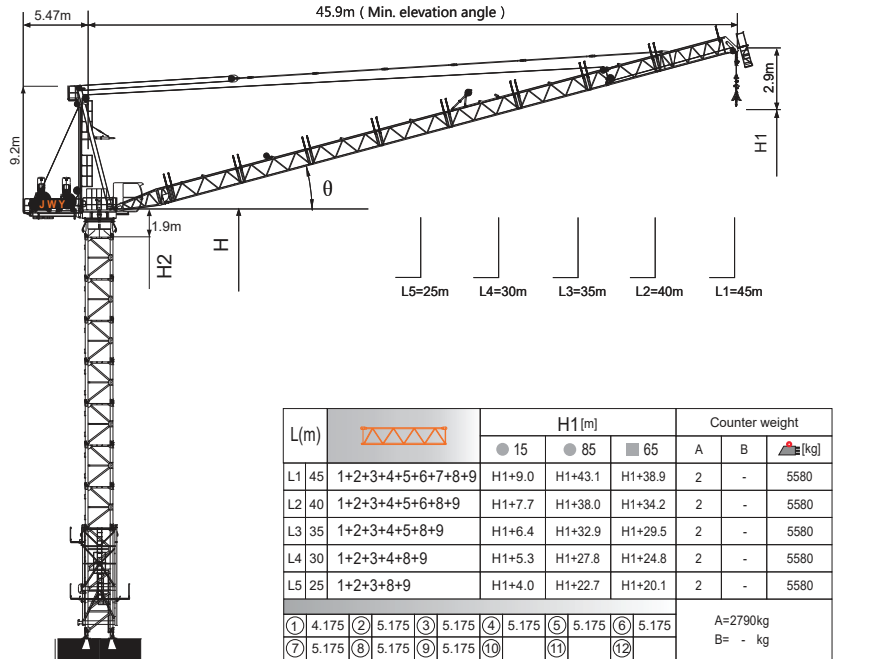
※ Over this height please contact us



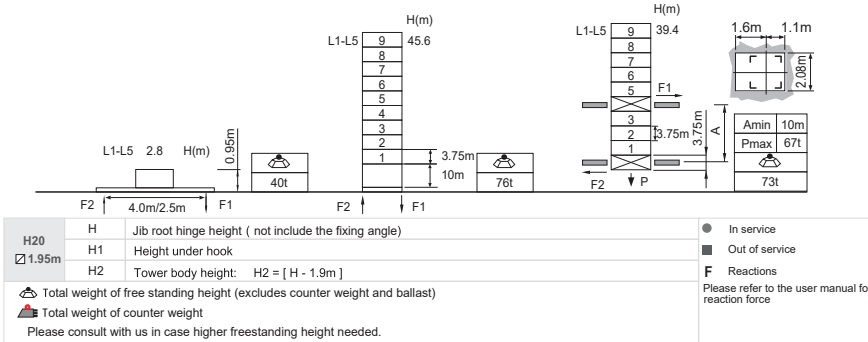
Mechanisms

Mechanism	Model	Speed	Power		Capacity
			90kW	1000m >1000m※	
Main Drive	120LVF60KL	m/min	0 ~ 36	0 ~ 72	90kW
		t	12.0	6.0	
		m/min	0 ~ 24	0 ~ 48	
		t	18.0	9.0	
Trolley Drive	75VVF40KL	m/min	15~80	1min40s	55kW
		t			
Gear Drive	RCV145	rpm		0 ~ 0.8	2x7.5kW
		t			
Electrical	120LVF55KL	380V 50Hz(5%)	190kVA		kVA
		380V 60Hz(5%)			
		440V 60Hz(5%)			

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Jib root hinge height



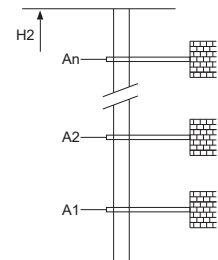
Load diagrams

R	falls	R(C _{MAX})	C _{MAX}	m	10	12	15	17	20	22	25	27	30	32	35	37	40	42	45
45m	☺	4.2~27.7 [85.0]	10	t	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	8.7	7.8	6.6	5.9	5.1	4.5	3.7
	☹	4.2~21.1 [85.0]	15	t	15.0	15.0	15.0	15.0	15.0	14.1	11.6	10.3	8.7	7.8	6.6	5.9	5.1	4.5	3.7
40m	☺	4.2~16.7 [85.0]	20	t	20.0	20.0	20.0	19.9	16.1	14.1	11.6	10.3	8.7	7.8	6.6	5.9	5.1	4.5	3.7
	☹	4.0~29.1 [85.0]	10	t	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	9.5	8.6	7.4	6.7	5.5		
35m	☺	4.0~21.8 [85.0]	15	t	15.0	15.0	15.0	15.0	15.0	14.9	12.5	11.1	9.5	8.6	7.4	6.7	5.5		
	☹	4.0~17.5 [85.0]	20	t	20.0	20.0	20.0	20.0	16.9	14.9	12.5	11.1	9.5	8.6	7.4	6.7	5.5		
30m	☺	3.7~29.1 [85.0]	10	t	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	9.5	8.6	7.4				
	☹	3.7~17.5 [85.0]	15	t	15.0	15.0	15.0	15.0	15.0	14.9	12.5	11.1	9.5	8.6	7.4				
25m	☺	3.4~21.8 [85.0]	10	t	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	9.5						
	☹	3.4~17.5 [85.0]	15	t	15.0	15.0	15.0	15.0	16.9	14.9	12.5	11.1	9.5						

Anchorage

An[m]	A1	A2	A3	A4	A5	A6	A7	A8	A9	A10
H2 [m]	41.8	68.1	94.3	120.6	146.8	173.1	199.3	225.6	251.8	278.1

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Mechanisms

100LVF50KL	m/min	0 ~ 44	0 ~ 88	75kW	800m >800m※
	t	10.0	5.0		
120LVF50KL-Q	m/min	0 ~ 29.3	0 ~ 58.6	90kW	1000m >1000m※
	t	15.0	7.5		
75VVF40KL	m/min	0 ~ 22	0 ~ 44	55kW	
	t	20.0	10.0		
RCV95	m/min	0 ~ 45	0 ~ 90	2x5.5kW	
	t	10.0	5.0		
75VVF40KL	m/min	0 ~ 30	0 ~ 60	55kW	
	t	15.0	7.5		
RCV95	m/min	0 ~ 22.5	0 ~ 45	2x5.5kW	
	t	20.0	10.0		
75VVF40KL	rpm	15~80	1min40s	55kW	
	rpm	0 ~ 0.8			
	rpm	0 ~ 0.8			
75VVF40KL	380V 50Hz(5%)	100LVF50KL	170kVA	kVA	
	380V 60Hz(5%)	120LVF50KL-P	185kVA		
	440V 60Hz(5%)				

※ Please consult us △ Option