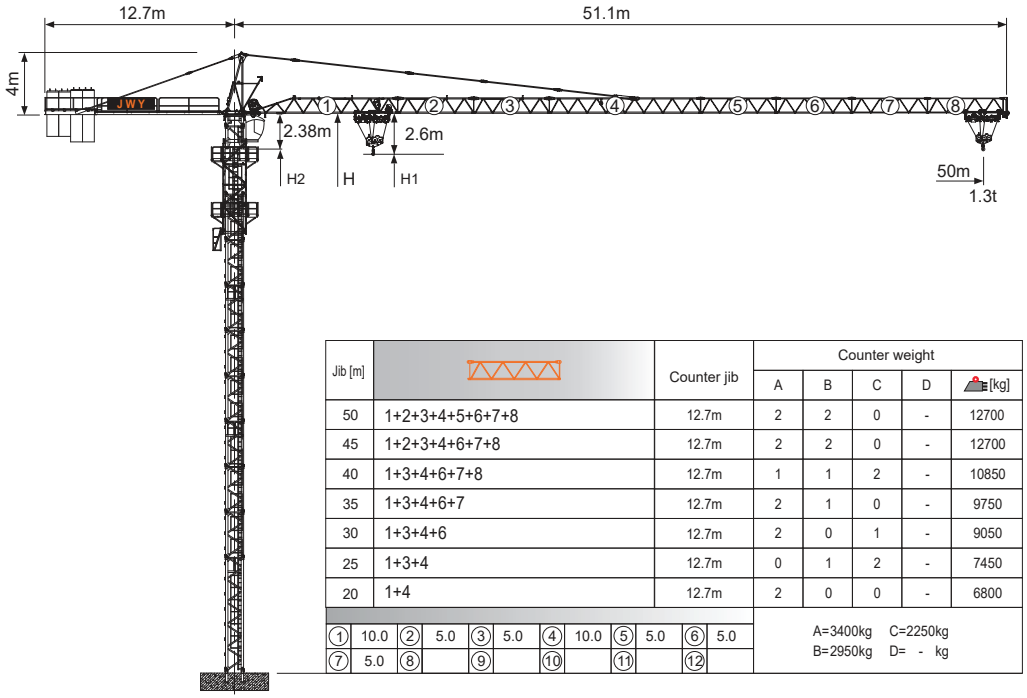
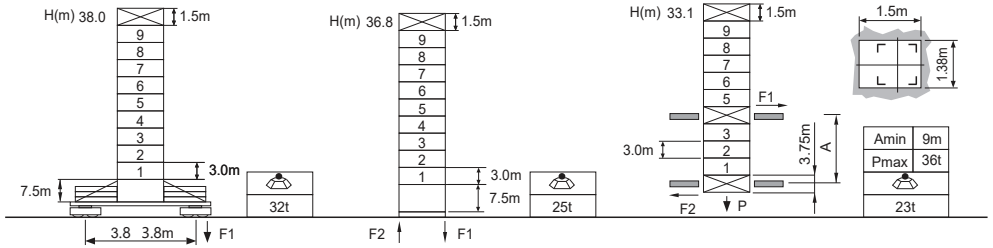
JT80 F5



Jib [m]		Counter jib	Counter weight A	B	C	D	[kg]
50	1+2+3+4+5+6+7+8	12.7m	2	2	0	-	12700
45	1+2+3+4+6+7+8	12.7m	2	2	0	-	12700
40	1+3+4+6+7+8	12.7m	1	1	2	-	10850
35	1+3+4+6+7	12.7m	2	1	0	-	9750
30	1+3+4+6	12.7m	2	0	1	-	9050
25	1+3+4	12.7m	0	1	2	-	7450
20	1+4	12.7m	2	0	0	-	6800

① 10.0	② 5.0	③ 5.0	④ 10.0	⑤ 5.0	⑥ 5.0	A=3400kg C=2250kg
⑦ 5.0	⑧	⑨	⑩	⑪	⑫	B=2950kg D= - kg

Jib root hinge height



S24`A1 ⍁1.2m		
	H	Jib root hinge height (not include the fixing angle)
	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

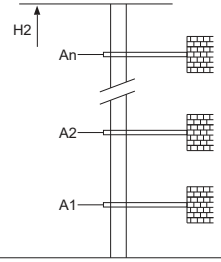
Load diagrams

R	falls	R(C$_{MAX}$)	C$_{MAX}$	m	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	2.26						
		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								
		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												

Anchorages

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
			t	2.5	1.25	360m >360m※
			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