

BWM SERIES

CONSTRUCTION HOIST



ZOOMLION

Zoomlion Heavy Industry Science & Technology Co., Ltd.

Add: Zoomlion Overseas Building, No.613, 3rd Section, Furong Middle Road, Yuhua District, Changsha, Hunan, P.R.China 410205

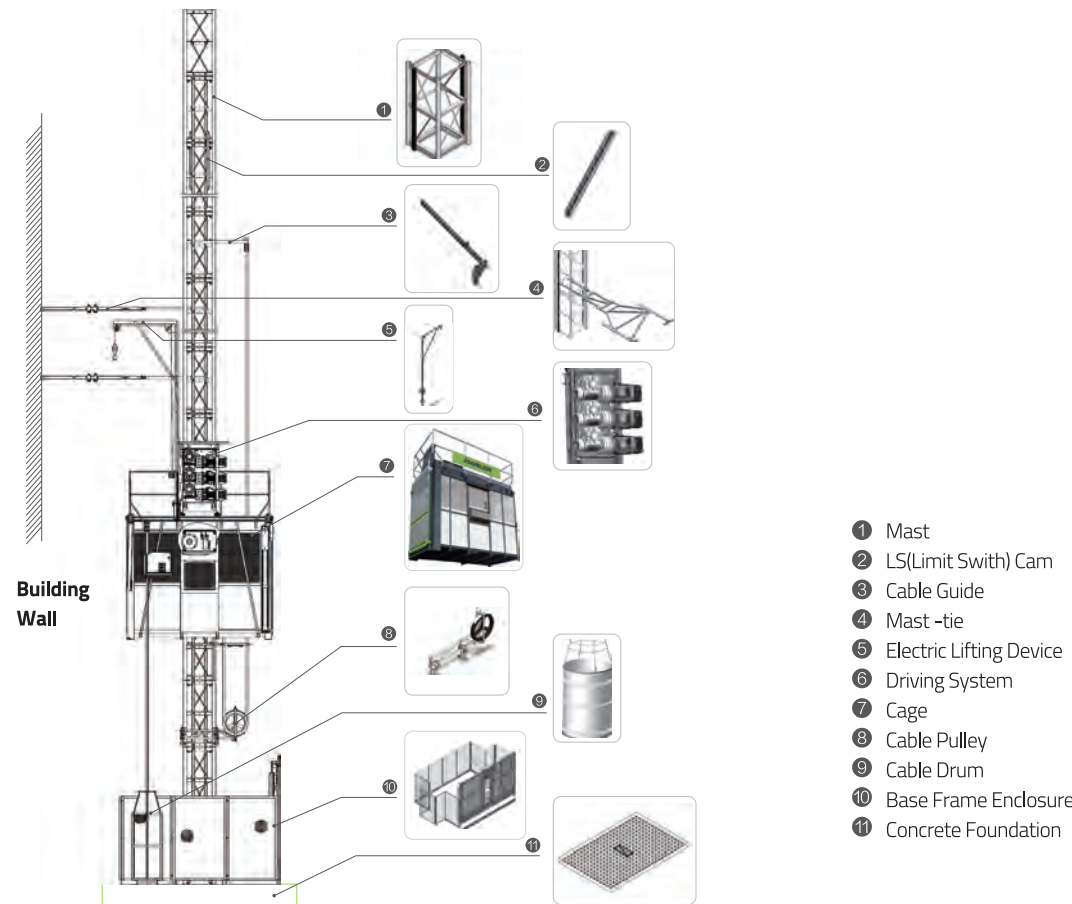
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Note: No product coating appearance shall be subject to sample.



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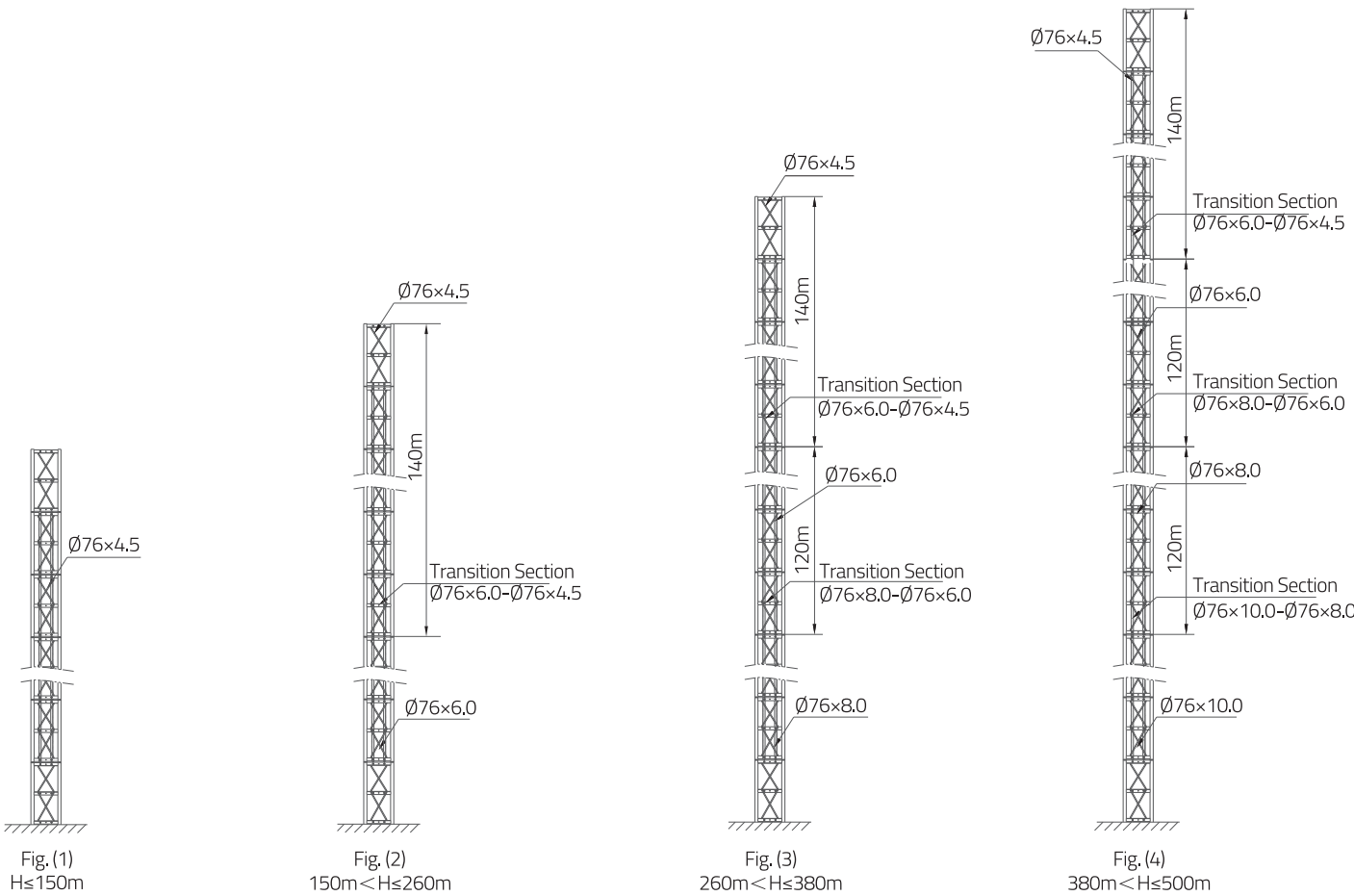
Description		SC100	SC200	SC200E	SC200BD	SC200EB	SC200BZ	SC200BG
Capacity (kg)		1000	2000	2000	2000	2000	2000	2000
Max lifting Speed (m/min)		34	36	36	0~40	0~40	0~68	0~96
Power (kw)		2×11	3×11	2×13	3×11	2×13	3×9.2	3×18.5
Power supply applied		380/400/415v, 50Hz (Consult us if overtop)						
Mast size (L*H*W, mm)		650×650×1508						
Corresponding model of twin cage		SC100/100	SC200/200	SC200/200E	SC200/200BD	SC200/200EB	SC200/200BZ	SC200BG
Configuration code	BWM-3E	○	○	○	—	—	—	—
	BWM-3I	○	○	○	—	—	—	—
	BWM-3S	—	—	—	○	○	○	○

● Standard configuration ○ Options — Not available

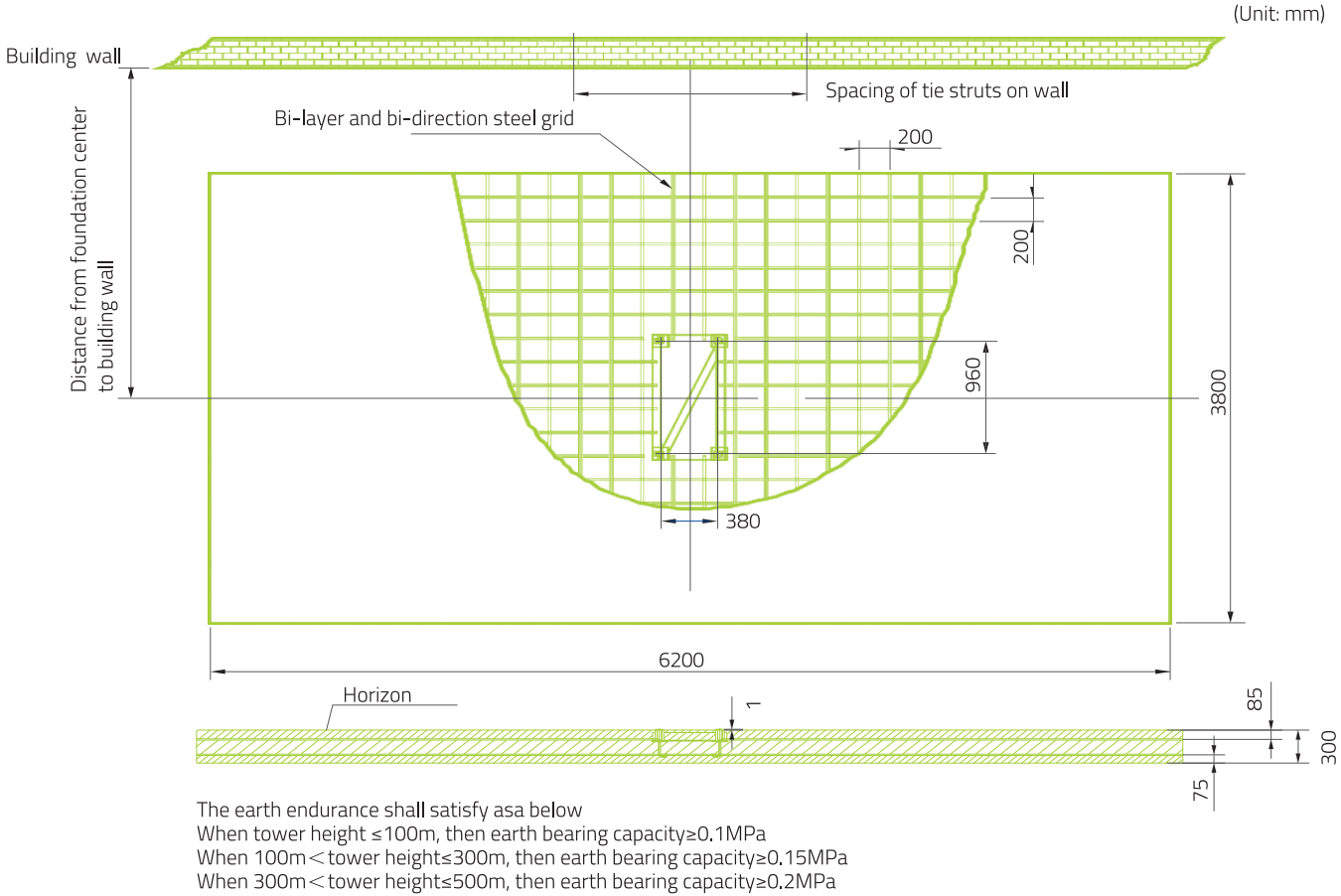
Config code	BWM-3E	BWM-3I	BWM-3S
Cage			
Normal size 3.2×1.5×2.5m	●	●	●
Undersized 3.2×1.5×2.2m	○	○	○
Cabin	●	●	●
Sliding exit door	●	●	●
Ramp exit door	○	○	○
Wall tie			
II-D (3~3.6m)	●	●	●
II-C (3.4~4.2m)	○	○	○
Electrical system			
Integrated cabinet	●	●	●
Overload protection	●	●	●
Contactor's adhesion protection	●	●	●
Anti-overtop device	●	●	●
Hoist logic cell (HLC)	—	●	●
Frequency conversion	○	○	●
Black-box function	○	●	●
Coating			
Cage - Painting (red)	●	●	●
Cage - Painting (yellow)	○	○	○
Cage - Painting (blue)	○	○	○
Cage - Painting (green&gray)	○	○	○
Mast section - Gavalnized	●	●	●
Mast section - Electrophoresis	○	○	○
Mast section - Painting (red)	○	○	○
Operation			
ID recognition (IC card)	key	●	●
Status prompt	—	●	●
Load displaying	○	●	●
Malfunction diagnosis	—	●	●
Hoist's floor indicating	●	●	●
Hoist's floor broadcasting	●	●	●
Automatic landing	—	—	●
Optional parts			
Automatic greasing system	○	○	○
Electric jib crane	○	○	○
Fan for operator	○	○	○

Number of Mast Section Required in Different Erecting Height

No. of mast section Designation	Erecting height			
	150m	260m	380m	500m
Ø76×4.5mm	99	93	93	93
Ø76×6.0mm	0	79	80	80
Ø76×8.0mm	0	0	79	80
Ø76×10.0mm	0	0	0	79
Total of mast sections	100	173	252	332



Concrete Foundation

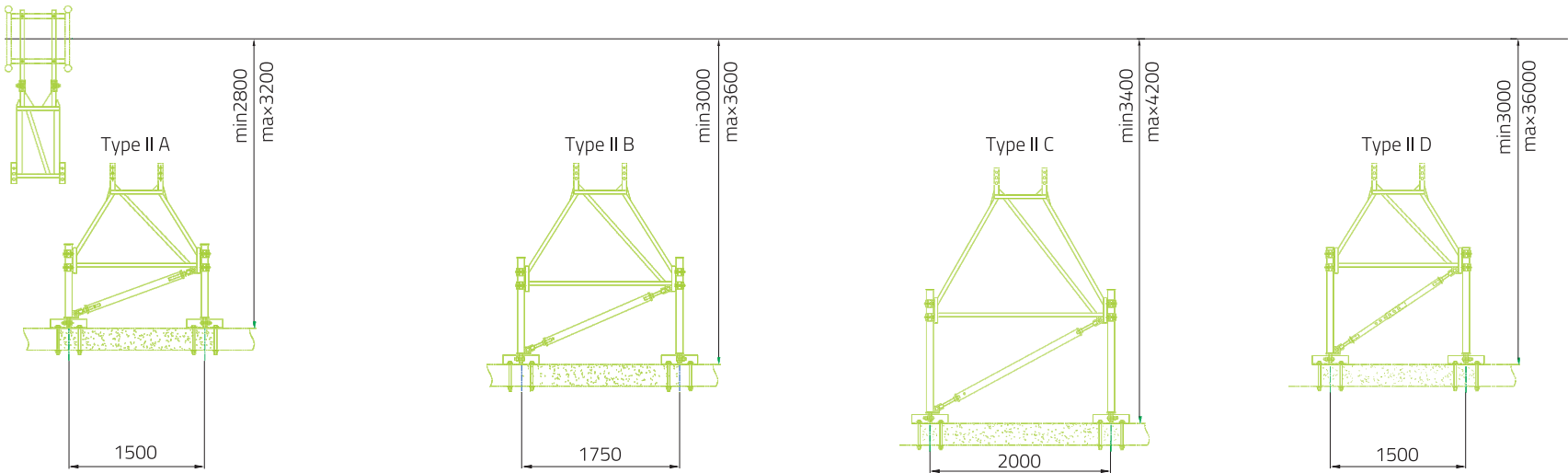


Foundation Location

Mast-tie	Distance from foundation center to building wall L(mm)	Spacing of tie struts on wall W (mm)
Type II A	2800-3200	1500
Type II B	3000-3600	1750
Type II C	3400-4200	2000
Type II D	3000-3600	1500

Max. Tie -in Interval and Max. Cantilever Height

Designation		Mast-tie Type			
		Type I	Type II	Type III	Type IV
Max. Tie- in Interval L(m)	Height≤ 100m	9	10.5	9	9
	100m< Height≤150m	7.5	9	9	9
	150m< Height≤300m	—	9	—	—
	Height≥300m	—	7.5	—	—
Max. Cantilever height L(m)	Height≤ 100m	7.5	7.5	7.5	7.5
	100m< Height≤150m	6	7.5	7.5	7.5
	150m< Height≤300m	—	7.5	—	—
	Height≥300m	—	6	—	—



Mast-tie II Structure
Mast-tie standard configuration: D type, other types optional to satisfy various jobsite conditions

Main Parts & Components

No.	Designation	Dimension	L(m)	W(m)	H(m)	Weight perpiece(t)	Note
1	Cage		3.4	2.6	3	1.495	Normal size
			3.3	1.91	2.54	1.248	Undersized(option)
2	Driving system		1.7	0.55	1.2	0.72	SC200 Triple driving units
			1.4	0.65	1.12	0.504	SC100 Twin units
			1.8	0.55	1.1	0.755	SC200 Twin units
3	Mast section		1.55	0.8	0.8	0.145 (T4.0) 0.160 (T6.0) 0.180 (T8.0) 0.195 (T10.0)	
4	Driving unit		1.1	0.4	0.5	0.165	
			1.1	0.4	0.5	0.177	
5	Mast-tie II A		2.8 ~ 3.2	0.1	2	0.135	
	Mast-tie II B		3.0 ~ 3.6	0.1	2.2	0.145	
	Mast-tie II C		3.4 ~ 4.2	0.1	2.4	0.160	
	Mast-tie II D		3.0 ~ 3.6	0.1	2	0.140	
6	Base frame enclosure I		6.1	3.7	3.15	1.109	For cable drum
	Base frame enclosure II		6.1	3.7	3.65	1.202	For cable pulley