

MB-18

Machine-room-less electrical gearless solutions (MRLG)




High efficiency for public buildings.




Maximum durability, comfort, and reliability. The high transport capacity and dimensional flexibility solution for all types of loads.



GENERAL SPECIFICATIONS



Load	1,650 to 2,500 kg
Capacity	22 to 33 persons
Speed	0.6 - 1 - 1.6 m/s
Maximum travel	50 - 50 - 75 m
Maximum floors served	32 floors
Entrances	1 front - 2 open through
Drive system	Direct gearless
Controller	ARCA II controller, low energy microprocessor
Door types	Automatic side-opening - Automatic central-opening
Clear door opening	From 900 to 2,500 mm (in increments of 100 mm)
Door height	2,000 - 2,100 - 2,200 - 2,300 mm
Car dimensions	Parametric car dimensions
Internal car height	2,100 - 2,200 - 2,300 - 2,400 mm
Aesthetic solutions	MB Plus


Standard Optional


1 Drive   
Compact, quiet, gearless, energy efficient, speed regulated (VVVF) permanent magnet electric motor.



2 Solid doors   
Extra robust doors with reduced sound levels inside and outside the lift and which are specially constructed for high volume passenger traffic.

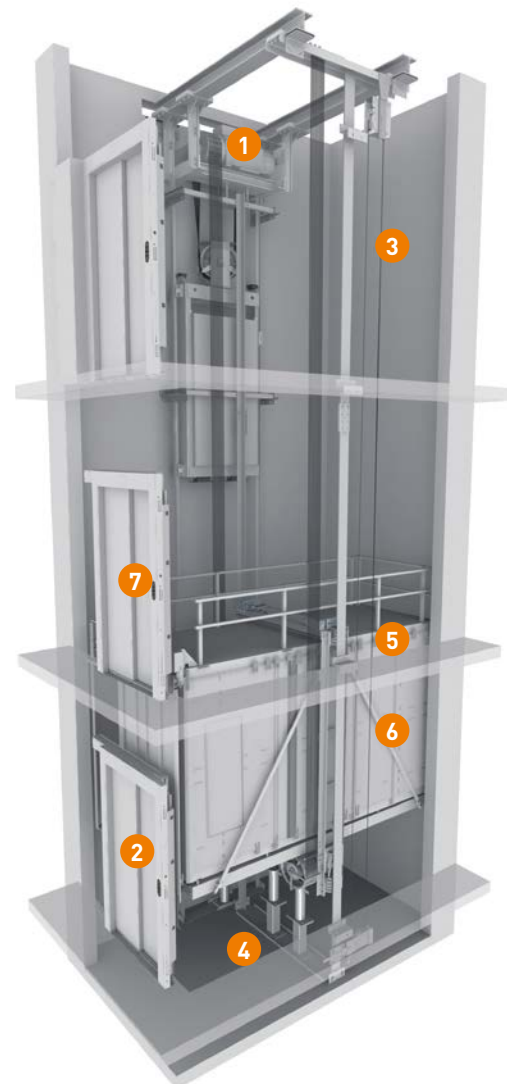
3 Parametric / Flexible  
Flexible car and door configurations ensure available shaft dimensions can be optimised (optional).

4 Accessible space below the pit  
Adapts the lift to suit buildings which have an accessible space below the pit (optional).

5 Robust lift car 
Provides greater comfort during lift travel, with reduced vibration and noise.

6 Cars 
Reinforced wall panels and flooring provides durability for heavy duty usage. Flexible configurations offering optimum car and door dimensions.

7 Automatic rescue system  
With floor level indication to ensure fast, efficient and safe evacuation of passengers in the event of an emergency. As an option, the system can incorporate a fully-automatic rescue device to evacuate passengers in the event of a power failure.



STANDARD DIMENSIONS

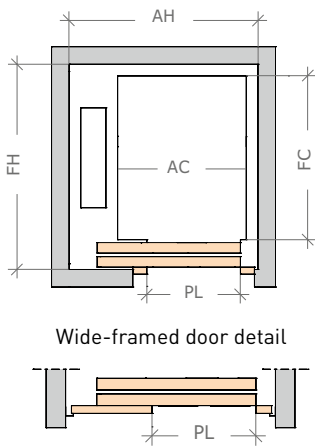
Load / Capacity				Car				Lift shaft *				
Speed	Accessibility	Persons	Q Load	AC Width	FC Depth	PL Clear opening	Type	No. of entrances	AH ¹ Width	FH Depth	HF ² Pit	HUP ³ Last Floor
0.6 m/s	Icon: 2 persons	24	1,800 kg	2,350	1,600	1,200	CC	1 2 x 180°	3,150	1,950 2,160	1,450	3,625
		26	2,000 kg	2,350	1,700	1,200	CC	1 2 x 180°	3,150	2,050 2,260		
				1,500	2,700	1,300	TT	1 2 x 180°	2,300	3,050 3,260		
33	2,500 kg	1,800	2,700	1,300	TT	1 2 x 180°	2,600	3,050 3,260				
1 m/s	Icon: 3 persons	24	1,800 kg	2,350	1,600	1,200	CC	1 2 x 180°	3,150	1,950 2,160	1,450	3,650
		26	2,000 kg	2,350	1,700	1,200	CC	1 2 x 180°	3,150	2,050 2,260		
				1,500	2,700	1,300	TT	1 2 x 180°	2,300	3,050 3,260		
33	2,500 kg	1,800	2,700	1,300	TT	1 2 x 180°	2,600	3,050 3,260				
1.6 m/s	Icon: 4 persons	24	1,800 kg	2,350	1,600	1,200	CC	1 2 x 180°	3,150	2,050 2,260	1,600	3,790
		26	2,000 kg	2,350	1,700	1,200	CC	1 2 x 180°	3,150	2,050 2,260		
				1,500	2,700	1,300	TT	1 2 x 180°	2,300	3,050 3,260		
33	2,500 kg	1,800	2,700	1,300	TT	1 2 x 180°	2,600	3,050 3,260				

- 1. With 2 panel telescopic doors.
- 2. With PVC flooring. Marble floor option + 20 mm.
- 3. HUP minimum for internal car height (HC) 2,100 mm.

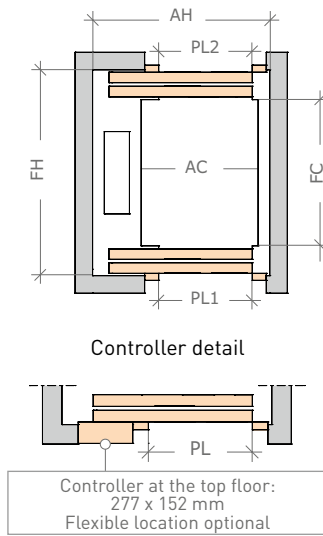
- CC. Two panel central door.
- TT. Two panel telescopic door.
- * Minimum plumb measurements.

LAYOUT

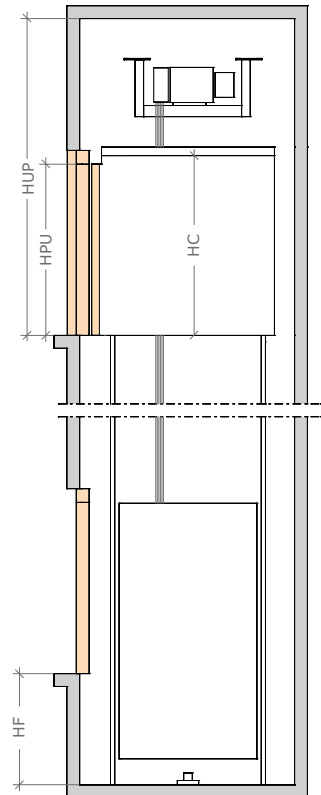
1 Entrance



2 Entrances (open through)



Vertical section



CUSTOMISED CAR DIMENSIONS

																			33	2,900		
																			33	31	2,800	
																			33	30	2,700	
																			33	31	2,600	
																			33	31	30	2,500
																			33	32	31	2,400
																			33	32	30	2,300
																			33	32	31	2,200
																			33	32	30	2,100
																			33	32	29	2,000
																			33	31	30	1,900
																			33	31	29	1,800
																			33	31	28	1,700
																			32	31	27	1,600
																			30	28	26	1,500
																			27	26	25	1,400
																			33	31	30	2,900
																			33	31	31	2,800
																			33	31	30	2,700
																			33	31	29	2,600
																			33	31	30	2,500
																			33	32	31	2,400
																			33	32	30	2,300
																			33	32	31	2,200
																			33	32	30	2,100
																			33	32	29	2,000
																			33	31	30	1,900
																			33	31	29	1,800
																			33	31	28	1,700
																			32	31	27	1,600
																			30	28	26	1,500
																			27	26	25	1,400
																			33	31	30	2,900
																			33	31	31	2,800
																			33	31	30	2,700
																			33	31	29	2,600
																			33	31	30	2,500
																			33	32	31	2,400
																			33	32	30	2,300
																			33	32	31	2,200
																			33	32	30	2,100
																			33	32	29	2,000
																			33	31	30	1,900
																			33	31	29	1,800
																			33	31	28	1,700
																			32	31	27	1,600
																			30	28	26	1,500
																			27	26	25	1,400

FC

PL

Note: Car width and depth variable in increments of 5 mm.. For simplification, table samples show increments of 100 mm.