

MB-28




Machine-room above electrical gearless solutions



With the latest direct drive technology in public buildings.




Less noise and more accessible maintenance. The large-scale customised solution with a machine room, with maximum performance and maintenance efficiency.

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 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.



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

4 Machine room 
A traditional solution simplifying lift maintenance.

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

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

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

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



STANDARD DIMENSIONS

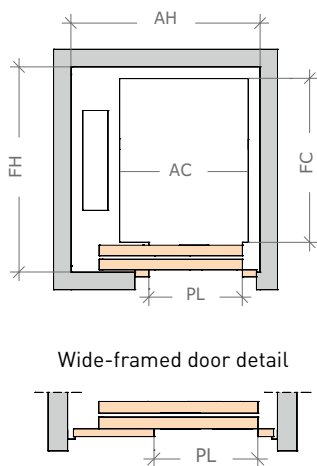
Load / Capacity				Car				Lift shaft *				
Speed	Accessibility	Persons	Q Load	AC Width	FC Depth	PL Clear opening	Type	No. of entrances	AH ¹ Width	FH Depth	HF ² Pit	HUP ³ Last Floor
0.6 m/s	Icon: Wheelchair	24	1,800 kg	2,350	1,600	1,200	CC	1	3,150	1,950	1,450	3,400
								2x180°				
				26	2,000 kg	2,350	1,700	1,200	CC	1		
		1,500	2,700	1,300		TT	1	2,300	2,050			
		33	2,500 kg	1,800	2,700	1,300	TT	1	2,600	3,050		
		2x180°						3,260				
1	3,260											
1 m/s	Icon: Wheelchair	24	1,800 kg	2,350	1,600	1,200	CC	1	3,150	1,950	1,450	3,425
								2x180°				
				26	2,000 kg	2,350	1,700	1,200	CC	1		
		1,500	2,700	1,300		TT	1	2,300	2,260			
		33	2,500 kg	1,800	2,700	1,300	TT	1	2,600	3,050		
		2x180°						3,260				
1	3,260											
1.6 m/s	Icon: Wheelchair	24	1,800 kg	2,350	1,600	1,200	CC	1	3,150	2,050	1,600	3,565
								2x180°				
				26	2,000 kg	2,350	1,700	1,200	CC	1		
		1,500	2,700	1,300		TT	1	2,300	2,260			
		33	2,500 kg	1,800	2,700	1,300	TT	1	2,600	3,050		
		2x180°						3,260				
1	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.

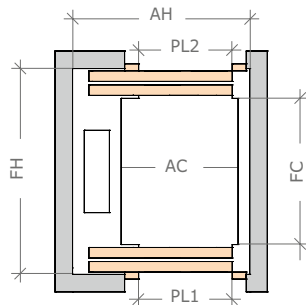
CC. Two panel central door.
 TT. Two panel telescopic door.
 * Minimum plumb measurements.

LAYOUT

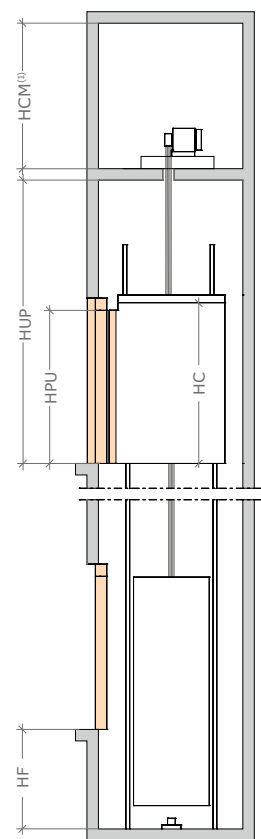
1 Entrance



2 Entrances (open through)



Vertical section



CUSTOMISED CAR DIMENSIONS

											33	2,900					
											33	2,800					
											33	2,700					
											33	2,600					
											33	2,500					
											33	2,400					
											33	2,300					
											33	2,200					
											33	2,100					
											33	2,000					
											33	1,800					
											33	1,700					
											33	1,600					
											32	1,500					
											30	1,500					
											27	1,400					
3,000	2,900	2,800	2,700	2,600	2,500	2,400	2,300	2,200	2,100	2,000	1,900	1,800	1,700	1,600	1,500	1,400	AC
																	PL

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