MB-26

Machine-room above electrical gearless solutions

With the latest direct drive technology in public buildings.
Less noise and more accessible maintenance.
The robust solution with machine room for heavy traffic.

GENERAL SPECIFICATIONS

Load	630 to 1,600 kg
Capacity	8 to 21 persons
Speed	1 - 1.6 m/s
Maximum travel	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 800 to 1,600 mm (in 100 mm increments)
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	MBR1 - MBR2 - MBR3 - MBR4 - MBS1 - MBS2 - MBS3 - MB Plus

Standard Optional

1 Machine room
A traditional solution simplifying lift maintenance.

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

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

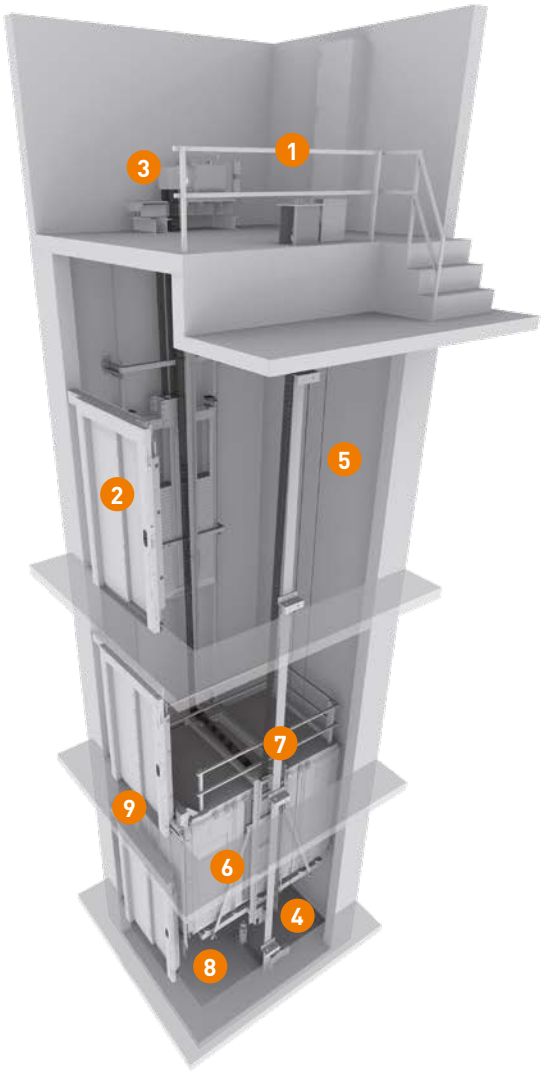
5 Parametric / Flexible
Flexible car and door configurations ensure available shaft dimensions can be optimised (optional).

6 Traction ropes
Orona small diameter ropes replace traditional steel ropes. As a result of their lighter weight, longer lifespan and greater flexibility, it is possible to use a more compact, efficient and eco-friendly gearless machine.

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

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

9 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.



Ecoefficiency Adaptability Design and accessibility Control and Safety

STANDARD DIMENSIONS

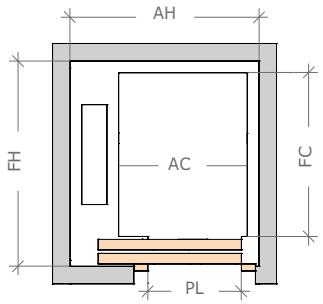
Load / Capacity			Car			Lift shaft *							
						Entrances		Side-opening doors		Central-opening doors			
Speed	Persons	Q Load	AC Width	FC Depth	PL Clear opening	Accessibility	No. of entrances	AH[1] Width	FH[2] Depth	AH Width	FH[3] Depth	HF Pit	HUP[4] Last Floor
1 m/s	8	630 kg	1,100	1,400	900		1	1,700	1,675	1,950	1,625	1,050	3,400
							2 x 180°		1,850		1,750		
	10	800 kg	1,350	1,400	900		1	1,975	1,675	1,975	1,625		
							2 x 180°		1,850		1,750		
	13	1,000 kg	1,600	1,400	1,000		1	2,225	1,675	2,225	1,625		
							2 x 180°		1,850		1,750		
			1,100	2,100	1,000		1	1,775	2,375				
							2 x 180°		2,550				
	17	1,275 kg	2,000	1,400	1,100		1			2,750	1,650	1,150	
							2 x 180°				1,750		
			1,200	2,300	1,100		1	1,935	2,600				
							2 x 180°		2,750				
	21	1,600 kg	2,100	1,600	1,100		1			2,850	1,850		
							2 x 180°				1,950		
			1,400	2,400	1,200		1	2,085	2,700				
							2 x 180°		2,850				
1.6 m/s	8	630 kg	1,100	1,400	900		1	1,725	1,675	1,950	1,625	1,200	3,550
							2 x 180°		1,850		1,750		
	10	800 kg	1,350	1,400	900		1	1,975	1,675	1,975	1,625		
							2 x 180°		1,850		1,750		
	13	1,000 kg	1,600	1,400	1,000		1	2,225	1,675	2,225	1,625		
							2 x 180°		1,850		1,750		
			1,100	2,100	1,000		1	1,775	2,375				
							2 x 180°		2,550				
	17	1,275 kg	2,000	1,400	1,100		1			2,750	1,650	1,250	
							2 x 180°				1,750		
			1,200	2,300	1,100		1	1,935	2,600				
							2 x 180°		2,750				
	21	1,600 kg	2,100	1,600	1,100		1			2,850	1,850		
							2 x 180°				1,950		
			1,400	2,400	1,200		1	2,085	2,700				
							2 x 180°		2,850				

1. Accessible space below the pit (counterweight with safety gear) add 50 mm to AH.
2. Shaft depth with door tracks projecting 60 mm on the landing.
3. Shaft depth with door tracks projecting 40 mm on the landing.
4. HUP minimum for internal car height (HC) 2,100 mm.

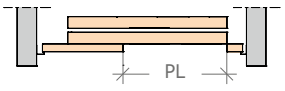
* Minimum plumb measurements.

LAYOUT

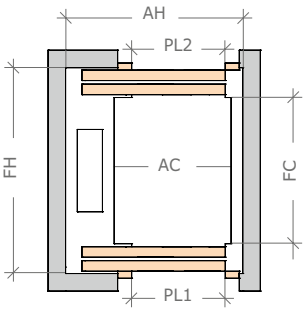
1 Entrance



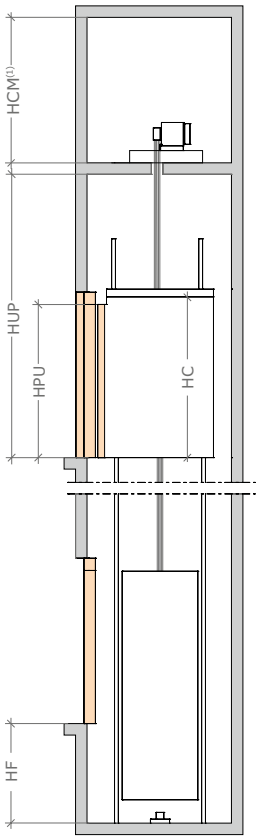
Wide-framed door detail



2 Entrances (open through)



Vertical section



(1) HCM - minimum 2,000 mm

CUSTOMISED CAR DIMENSIONS

FC \ AC	800	900	1,000	1,100	1,200	1,300	1,400	1,500	1,600	PL
2,500										2,100
2,400										2,000
2,300										1,900
2,200										1,800
2,100										1,700
2,000										1,600
1,900										1,500
1,800	21	21	20	19	18	17	16	15	14	1,400
1,700	20	19	18	17	16	16	15	14	13	1,300
1,600	19	18	17	16	15	14	13	13	12	1,200
1,500			15	14	13	13	12	11	11	1,100
1,400					12	12	11	10	10	1,000
1,300					11	10	10	9	8	900
1,200										

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