

Smart+

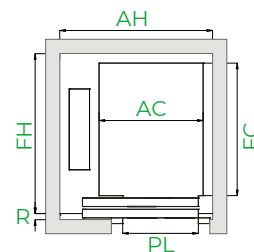
Features that can satisfy every need.

Quicker, stronger, taller.
Reliability and durability in transport,
guaranteeing the safety of all users.

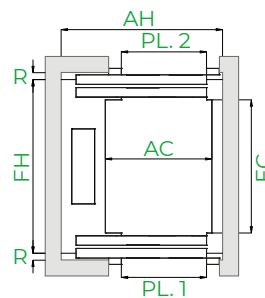
General Specifications

Load	630 to 2,500 kg
Capacity	8 to 33 persons
Speed	1 - 1.6 m/s
Maximum Travel	50 - 75 m
Maximum Floors Served	32 floors
Machine-room Option	Yes
Entrances	1 Front 2 Open through 2 Front & side (<1,250kg)
Drive System	Regulated gearless (240 stars per hour)
Controller	ARCA III controller, low energy consumption multiprocessor
Door Types	Automatic side-opening Automatic centre-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
Internal Car Height	2,100 / 2,200 / 2,300 / 2,400 mm

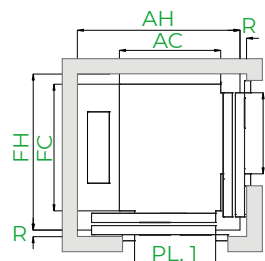
1 Entrance



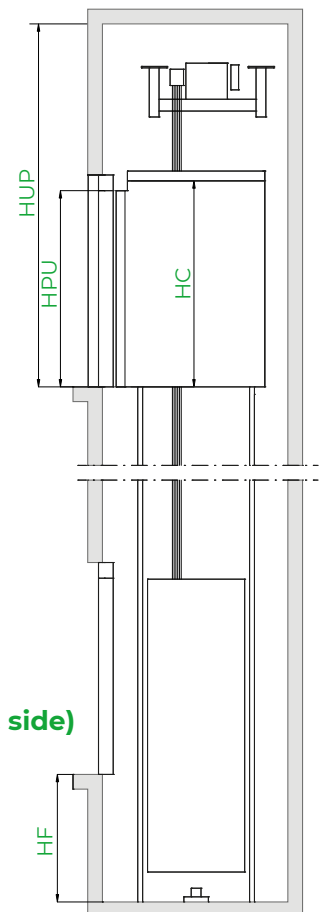
2 Entrances (open through)



2 Entrances (front & side)



Vertical section



*Note: The diagrams are for guidance only.
Dimensions for 1 entrance.
Car width and depth variable, in 5 mm increments.
For simplification, table samples show increments of 100 mm.

Customised solution, examples of dimensions*

Load / Capacity			Car (mm)			Lift Shaft° (mm)*											
Speed	Persons	Q Load	AC Width	FC Depth	PL Clear opening	Side-opening doors				Centre-opening doors							
						Entrance		AH ¹⁻⁵ Width	FH ²⁻⁵ Depth	AH ⁵ Width	FH ³⁻⁵ Depth	HF Pit	HUP ⁴ Head-room				
						Accessibility	No. of entrances										
1 m/s	8	630 kg	1,100	1,400	900	h	1	2x180°	1,700	1,675	1,950	1,625	1,050	3,550			
										1,850		1,750					
	10	800 kg	1,350	1,400	900		1	2x180°	1,975	1,675	1,850	1,975			1,625		
															1,750		
	13	1,000 kg	1,600	1,400	1,000		1	2x180°	2,225	1,675	1,850	2,225			1,625		
			1,100												1,750		
	17	1,275 kg	1,200	2,300	1,100		1	2x180°	1,935	2,600	2,750	-			-	1,150	3,600
												-			-		
	21	1,600 kg	1,700	1,950	1,000		1	2x180°	-	-	2,450	2,200			2,300	1,150	3,600
			1,400														
24	1,800 kg	2,350	1,600	1,200	h	1	2x180°	-	-	3,150	1,950	1,465	3,650				
											2,160						
26	2,000 kg	2,350	1,700	1,200	1	2x180°	-	-	-	-	2,050						
		2,260															
33	2,500 kg	1,800	2,700	1,300	1	2x180°	2,300	3,050	3,260	-	-	1,465	3,650				
								-									
33	2,500 kg	1,800	2,700	1,300	1	2x180°	2,600	3,050	3,260	-	-	1,465	3,650				
								-									
1.6 m/s	8	630 kg	1,100	1,400	900	h	1	2x180°	1,725	1,675	1,950	1,625	1,200	3,700			
										1,850		1,750					
	10	800 kg	1,350	1,400	900		1	2x180°	1,975	1,675	1,850	1,975			1,625		
															1,750		
	13	1,000 kg	1,600	1,400	1,000		1	2x180°	2,225	1,675	1,850	2,225			1,625		
			1,100												1,750		
	17	1,275 kg	1,200	2,300	1,100		1	2x180°	1,935	2,600	2,750	-			-	1,250	3,750
												-					
	21	1,600 kg	1,700	1,950	1,000		h	1	2x180°	-	-	2,450			2,200	1,250	3,750
			2,300														
24	1,800 kg	2,350	1,600	1,200	1	2x180°	-	-	3,150	2,050	2,260	1,600	3,790				
														2,260			
26	2,000 kg	2,350	1,700	1,200	h	1	2x180°	-	-	3,150	2,050						
		2,260															
33	2,500 kg	1,800	2,700	1,300	1	2x180°	2,300	3,050	3,260	-	-	1,600	3,790				
								-									
33	2,500 kg	1,800	2,700	1,300	1	2x180°	2,600	3,050	3,260	-	-	1,600	3,790				
								-									

- 0 Minimum plumb measurements.
- 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 Minimum HUP for internal car height (HC) of 2,100 mm.
- 5 Lift shaft can change in travels over 40 m.

* The information is not contractually binding and is subject to the conditions of the shaft



Drive

Compact, quiet, gearless, energy-efficient, inverter-drive permanent-magnet motor electrical machine.



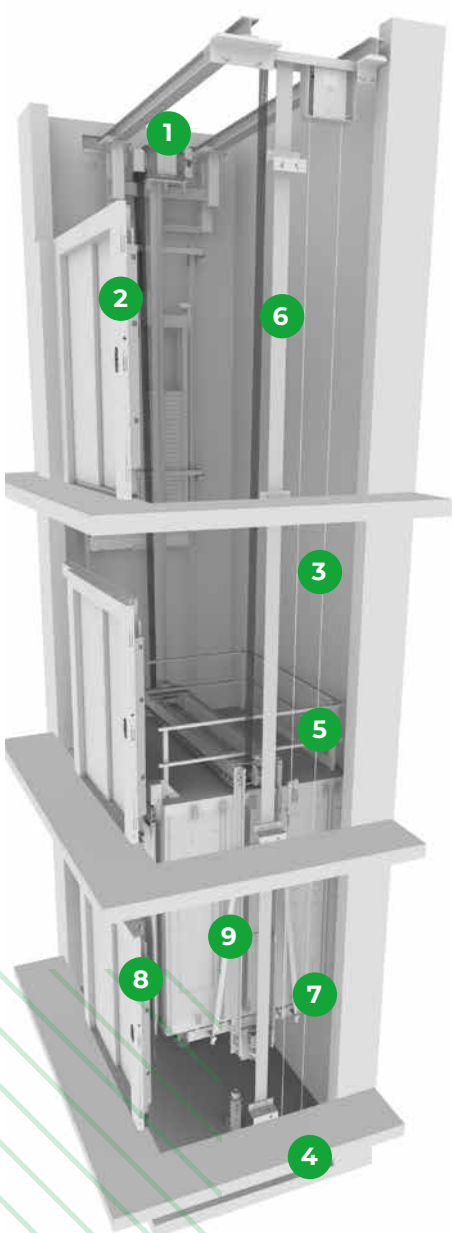
Solid doors

Extra robust doors which improve sound-proofing inside and outside the lift and which are specially sized for an intense flow of people.



Parametric / Flexible

The parametric dimensions offer the possibility of adapting the lift to most potential space-based needs (optional).



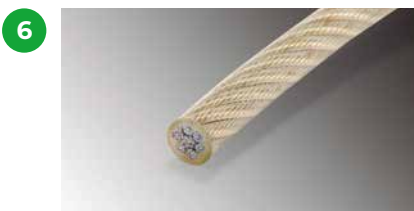
Accessible space below the pit

Adapts the lift to suit buildings requiring an accessible space below the pit (optional).



Robust lift car

Provides greater lift comfort, reducing vibration and noise during lift travel.



Traction ropes

They replace traditional steel ropes. As a result of their lighter weight, longer lifespan and greater flexibility, it is possible to use a more compact machine with a more efficient and eco-friendly motor.



Cars

Special car dimensions, with extra depth and wider doors. Designed with reinforced panels and floors for multiple and intensive uses.



Two-Way Communication

Between the car and the 24-hour Service Call Centre, in line with EN 81-28.



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.

