

Smart+

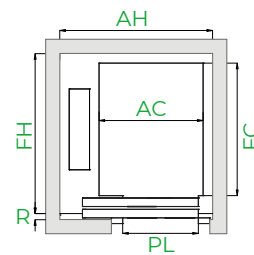
Features that can satisfy every need.

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

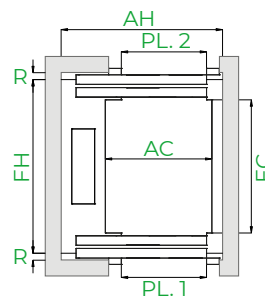
General Specifications

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

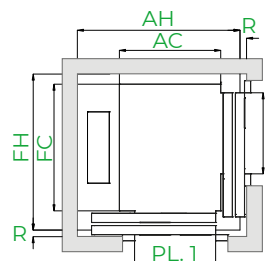
1 Entrance



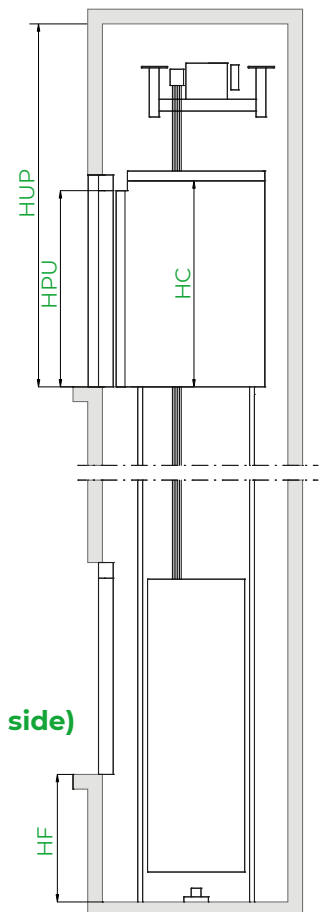
2 Entrances (open through)



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)*							
						Side-opening doors				Centre-opening doors			
Speed	Persons	Q Load	AC Width	FC Depth	PL Clear opening	Entrance		AH ¹ Width	FH ² Depth	AH Width	FH ³ Depth	HF Pit	HUP ⁴ Head-room
						Accessibility	No. of entrances						
1 m/s	8	630 kg	1,100	1,400	900	♿	1 2x180°	1,700	1,675 1,850	1,950	1,625 1,750	1,050	3,550
	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 1,750		
			1,100	2,100	1,000		1 2x180°	1,775	2,375 2,550	-	-		
	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		
			1,400	2,400	1,200		1 2x180°	2,085	2,700 2,850	-	-		
	24	1,800 kg	2,350	1,600	1,200		1 2x180°	-	-	3,150	1,950 2,160	1,465	3,650
	26	2,000 kg	2,350	1,700	1,200		1 2x180°	-	-		2,050 2,260		
			1,500	2,700	1,300		1 2x180°	2,300	3,050 3,260	-	-		
33	2,500 kg	1,800	2,700	1,300	1 2x180°		2,600	3,050 3,260	-	-			
1.6 m/s	8	630 kg	1,100	1,400	900		♿	1 2x180°	1,725	1,675 1,850	1,950	1,625 1,750	1,200
	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 1,750		
			1,100	2,100	1,000	1 2x180°		1,775	2,375 2,550	-	-		
	17	1,275 kg	1,200	2,300	1,100	♿	1 2x180°	1,935	2,600 2,750	-	-	1,250	3,765
	21	1,600 kg	1,700	1,950	1,000		1 2x180°	-	-	2,450	2,200 2,300		
			1,400	2,400	1,200		1 2x180°	2,085	2,700 2,850	-	-		
	24	1,800 kg	2,350	1,600	1,200		1 2x180°	-	-	3,150	2,050 2,260	1,600	3,790
	26	2,000 kg	2,350	1,700	1,200		1 2x180°	-	-		2,050 2,260		
			1,500	2,700	1,300		1 2x180°	2,300	3,050 3,260	-	-		
33	2,500 kg	1,800	2,700	1,300	1 2x180°		2,600	3,050 3,260	-	-			

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.

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



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



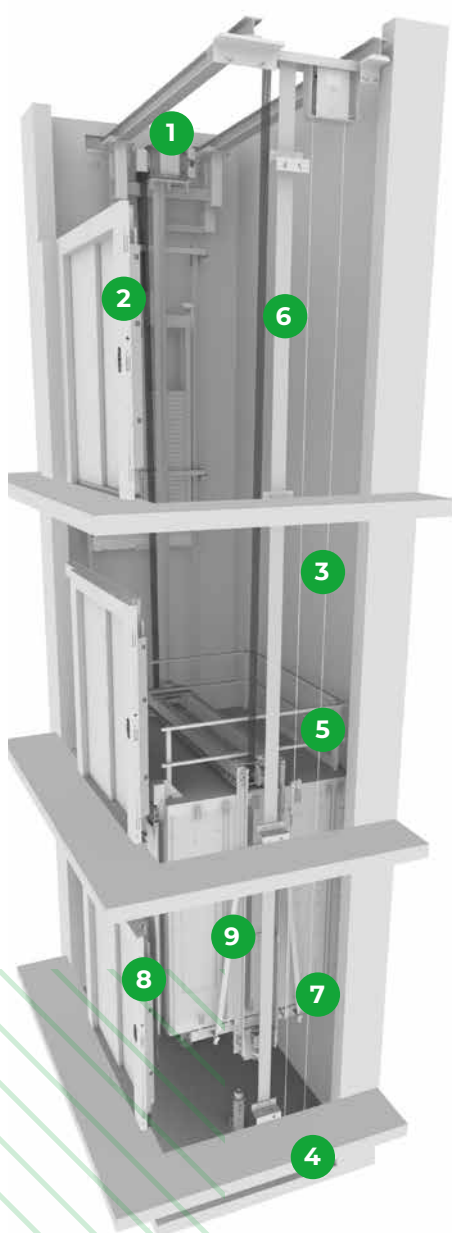
2 Solid doors
Extra robust doors which improve sound-proofing inside and outside the lift and which are specially sized for an intense flow of people.



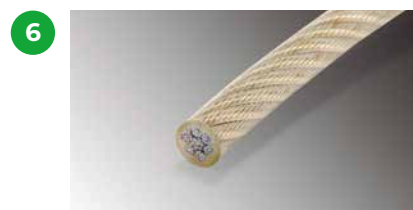
3 Parametric / Flexible
The parametric dimensions offer the possibility of adapting the lift to most potential space-based needs (optional).



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



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



6 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.



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



8 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.

