

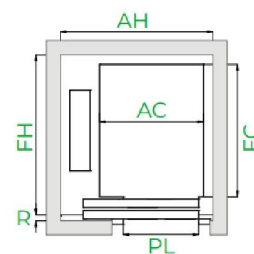
Smart Customised comfort

Solution that can be adapted to all types of buildings and users. A sure investment to meet the needs of each of your projects.

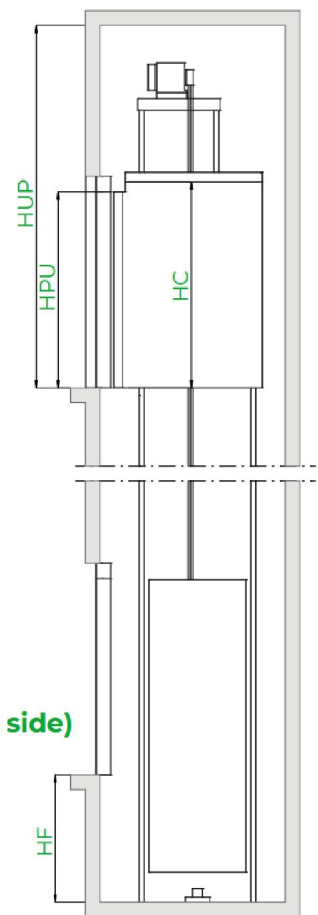
General Specifications

Load	320 to 1,000 kg
Capacity	4 to 13 persons
Speed	1 - 1.6 m/s
Maximum Travel	50 - 60 m
Maximum Floors Served	16 - 21 floors
Machine-room Option	Yes
Entrances	1 Front 2 Open through 2 Front & side (>700kg)
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 700 to 1,000 mm (at intervals of 100 mm)
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

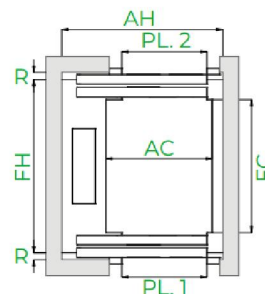
1 Entrance



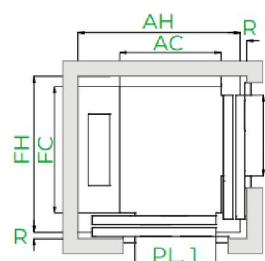
Vertical section



2 Entrances (open through)



2 Entrances (front & side)



*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)			Entrances		Lift Shaft ^o (mm)				HF Pit	HUP ⁵ Headroom	
								Two-panel side-opening doors		2-panel 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			
1 m/s	4	320 kg	825	1,100	700	-	1 2x180°	1,300	1,350 1,500	-	-	1,000 (830) ⁴	3,400 (3,050) ⁶	
	6	450 kg	1,000	1,250	800	♿	1 2x180°	1,450	1,500 1,650	1,725	1,450 1,550			
	8	630 kg	1,100	1,400	900	♿	1 2x180°	1,600	1,675 1,850	1,925	1,625 1,750			
	10	800 kg	1,350 ⁷	1,400	900		1 2x180°	1,825	1,675 1,850	1,925	1,625 1,750			
	13	1,000 kg				1,000	♿	1 2x180°	2,075	1,675 1,850	2,150			1,625 1,750
								-	2x90°	2,045	1,885			-
							♿	1 2x180°	1,775	2,375 2,550	2,125			2,300 2,400
								-	2x90°	1,745	2,385			-
1.6 m/s	4	320 kg	825	1,100	700	-	1 2x180°	1,325	1,350 1,500	-	-	1,120	3,550	
	6	450 kg	1,000	1,250	800	♿	1 2x180°	1,475	1,500 1,650	1,725	1,450 1,550			
	8	630 kg	1,100	1,400	900	♿	1 2x180°	1,625	1,675 1,850	1,925	1,625 1,750			
	10	800 kg	1,350	1,400	900		1 2x180°	1,850	1,675 1,850	1,925	1,625 1,750			
	13	1,000 kg				1,000	♿	1 2x180°	2,100	1,675 1,850	2,175			1,625 1,750
								-	2x90°	1,775	2,375 2,550			2,125

o Minimum plumb measurements.

- 1 Accessible space below the pit (Counterweight with safety gear), add 115 mm to AH.
- 2 R=60 mm, lift shaft depth with 2-panel side-opening doors, resting 60 mm on the landing.
- 3 R=40 mm, lift shaft depth with 2-panel centre-opening doors, resting 40 mm.
- 4 HF reduced pit optional 830 mm.
- 5 Minimum HUP for internal car height (HC) of 2,100 mm.

- 6 HUP optional reduced (HUP=HC+900). Consult availability of car dimensions. For 700 to 1000 kg cars, cases without safety room EN81-21, minimum HUP of 2750 mm internal car height (HC) of 2100 mm. Available HUP of 2650 mm with internal car height (HC) of 2000 mm.
- 7 For 800 Kg to 90° AC 1,325 mm.
- 8 For 1,000 Kg to 90° AC 1,400 mm FC 1,600 mm.
- 9 For 1,000 Kg to 90° PL 900 mm.

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

Customised car dimensions

												Car width														
								13	12			1,600														
								13	13	11		1,500														
								13	13	12	11	10	1,400													
								13	12	11	10	9	8	1,300												
								13	13	12	11	10	9	9	8	1,200										
								13	13	12	11	10	9	8	8	1,100										
								12	12	11	10	10	9	8		1,000										
								11	10	10	9	8	8		900											
								2,100	2,000	1,900	1,800	1,700	1,600	1,500	1,400	1,300	1,200	mm	800	900	1,000	1,100	1,200	1,300	1,400	1,500

Car depth

Clear door opening



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.



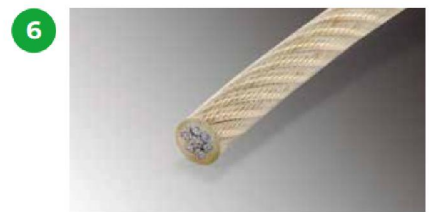
Parametric / Flexible
The parametric dimensions offer the possibility of adapting the lift to most potential space-based needs (optional).



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



Reduced headroom
Optional system that allows reducing the space required above the last floor in the building while ensuring maximum safety and protection for maintenance technicians.



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.



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.

