

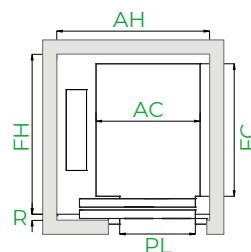
# Smart Customised comfort

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

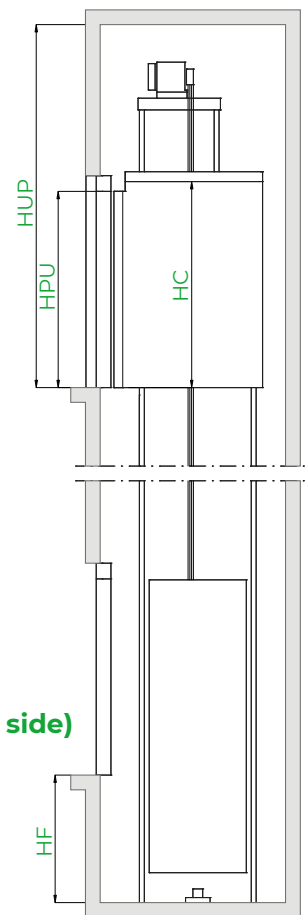
## General Specifications

<b>Load</b>	320 to 1,000 kg
<b>Capacity</b>	4 to 13 persons
<b>Speed</b>	1 - 1.6 m/s
<b>Maximum Travel</b>	50 - 60 m
<b>Maximum Floors Served</b>	16 - 21 floors
<b>Machine-room Option</b>	Yes
<b>Entrances</b>	1 Front 2 Open through 2 Front & side (>700kg)
<b>Drive System</b>	Regulated gearless (240 stars per hour)
<b>Controller</b>	ARCA III controller, low energy consumption multiprocessor
<b>Door Types</b>	Automatic side-opening Automatic centre-opening
<b>Clear door opening</b>	From 700 to 1,000 mm (at intervals of 100 mm)
<b>Door Height</b>	2,000 / 2,100 / 2,200 / 2,300 mm
<b>Car Dimensions</b>	Parametric
<b>Internal Car Height</b>	2,100 / 2,200 / 2,300 / 2,400 mm

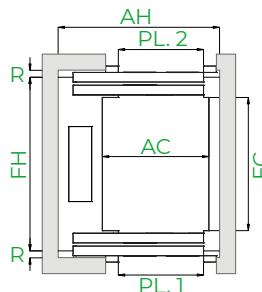
### 1 Entrance



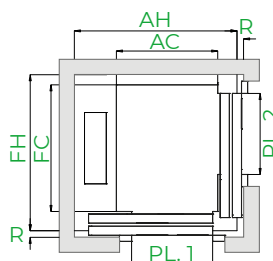
### Vertical section



### 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 <sup>o</sup> (mm)				HF Pit		HUP <sup>5</sup> 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 <sup>1</sup> Width	FH <sup>2</sup> Depth	AH Width	FH <sup>3</sup> Depth						
1 m/s	4	320 kg	825	1,100	700	-	1 2x180°	1,300	1,350 1,500	-	-	1,000 (830) <sup>4</sup>	3,400  3,400 (3,050) <sup>5</sup>				
	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 <sup>7</sup>	1,400	900		1 2x180°	1,825	1,675 1,850	1,925	1,625 1,750						
	13	1,000 kg		1,600 <sup>8</sup>	1,400 <sup>8</sup>	1,000	♿	1 2x180°	2,075	1,675 1,850	2,150			1,625 1,750			
								-	2x90°	2,045	1,885			-	-		
							1,100	2,100	1,000 <sup>9</sup>	♿	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		1,600	1,400	1,000	♿	1 2x180°	2,100	1,675 1,850	2,175			1,625 1,750			
								1 2x180°	2,100	1,675 1,850	2,175			1,625 1,750			
								-	2x90°	1,775	2,375 2,550			2,125	2,300 2,400		

o Minimum plumb measurements.

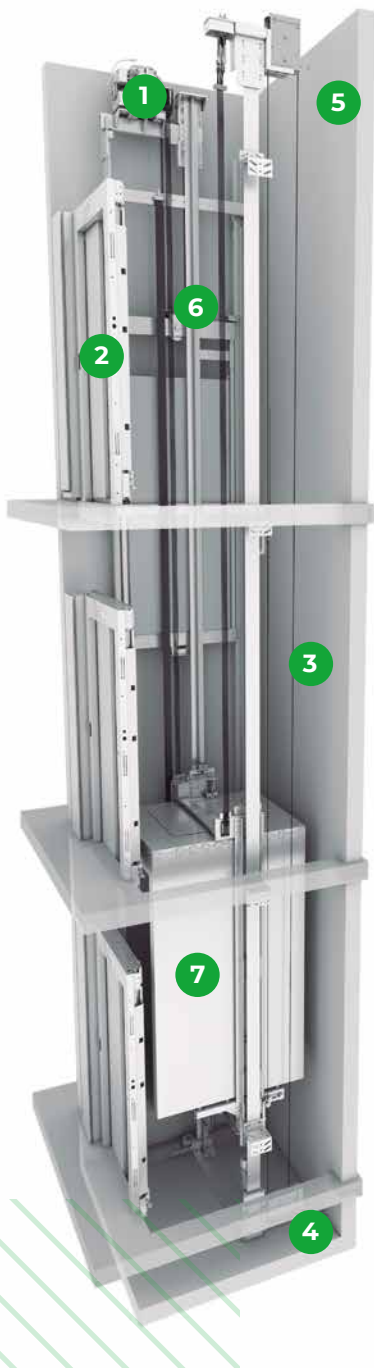
- 1 Accessible space below the pit (Counterweight with safety gear), add 115 mm to AH.
- 2 R=60 mm, lift shaft depth with 2-panel side-opening doors, resting 60 mm on the landing.
- 3 R=40 mm, lift shaft depth with 2-panel centre-opening doors, resting 40 mm.
- 4 HF reduced pit optional 830 mm.
- 5 Minimum 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									
										13	13	11								
										13	13	12	11	10						
										13	12	11	10	9	8					
										13	13	12	11	10	9	9	8			
13	13	12	11	11	10	9	8	8												
12	12	11	10	10	9	8														
11	10	10	9	8	8															
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										



**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.



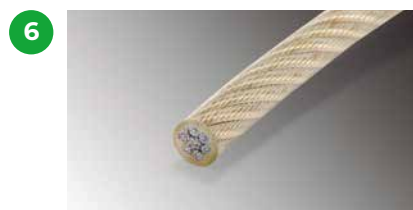
**3 Parametric / Flexible**  
The parametric dimensions offer the possibility of adapting the lift to most potential space-based needs (optional).



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



**5 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.



**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 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.

