

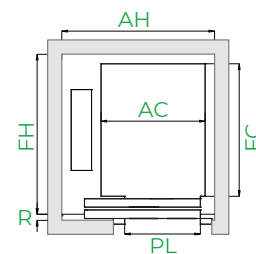
Smart Customised comfort

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

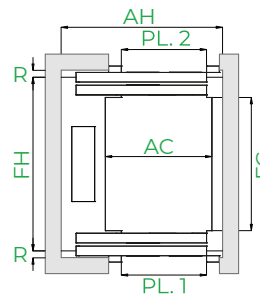
General Specifications

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

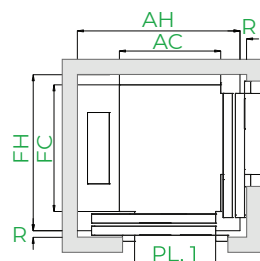
1 Entrance



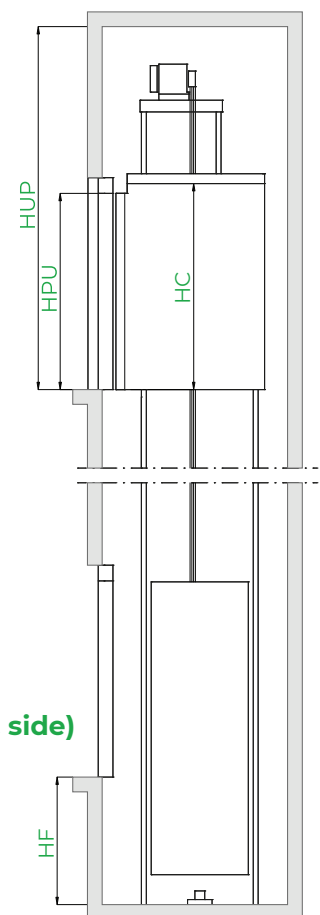
2 Entrances (open through)



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 ⁰ (mm)					
								Two-panel side-opening doors		2-panel central-opening doors			
Speed	Persons	Q Load	AC Width	FC Depth	PL Clear opening	Entrances		AH ¹ Width	FH ² Depth	AH Width	FH ³ Depth	HF Pit	HUP ⁵ Headroom
						Accessibility	No. of entrances						
1 m/s	4	320 kg	825	1,100	700	-	1 2x180°	1,300	1,350 1,500	-	-	1,000 (830) ⁴	3,400
	6	450 kg	1,000	1,250	800		1 2x180°	1,450	1,500 1,650	1,725	1,450 1,550		3,400 (3,050) ⁶
	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		
							2x90°	1,970	1,685 1,650	2,045	2,045		
							1 2x180°	2,075	1,675 1,850	2,150	1,625 1,750		
							2x90°	2,045	1,885	-	-		
	13	1,000 kg	1,600 ⁸	1,400 ⁸	1,000		1 2x180°	1,775	2,375 2,550	2,125	2,300 2,400		
							2x90°	1,745	2,385	-	-		
							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		
							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°	2,045	1,885	-	-		
	13	1,000 kg	1,600	1,400	1,000		1 2x180°	1,775	2,375 2,550	2,125	2,300 2,400		
							2x90°	1,745	2,385	-	-		
							1 2x180°	1,775	2,375 2,550	2,125	2,300 2,400		
2x90°						1,745	2,385	-	-				

- 0 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
- 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	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									

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).



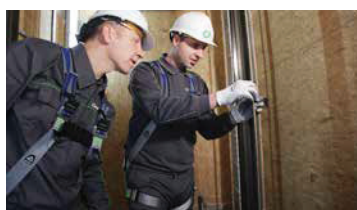
4

**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.



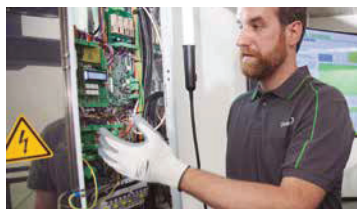
6

**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.

