

Smart+

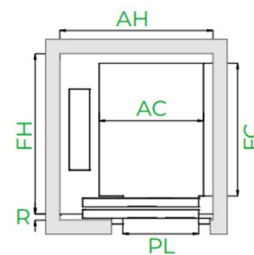
Features that can satisfy every need.

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

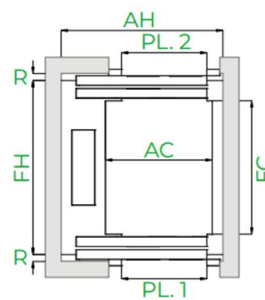
General Specifications

| | |
|-----------------------|--|
| 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 |

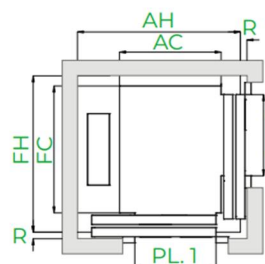
1 Entrance



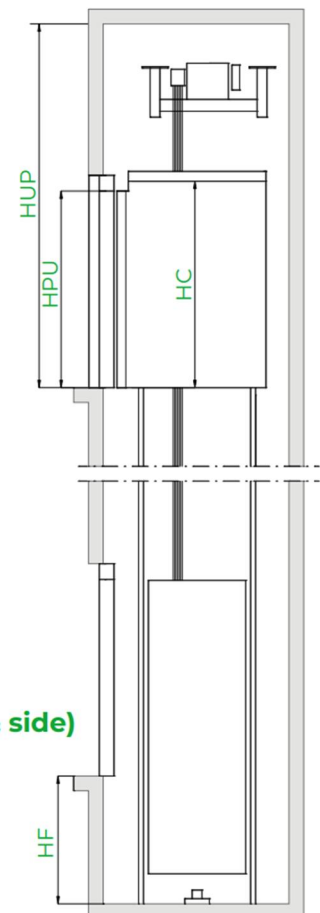
2 Entrances (open through)



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 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 | | |
| | 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 | 3,700 |
| | 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 | | |
| | 26 | 2,000 kg | 2,350 | 1,700 | 1,200 | 1 2x180° | - | - | 3,150 | 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.



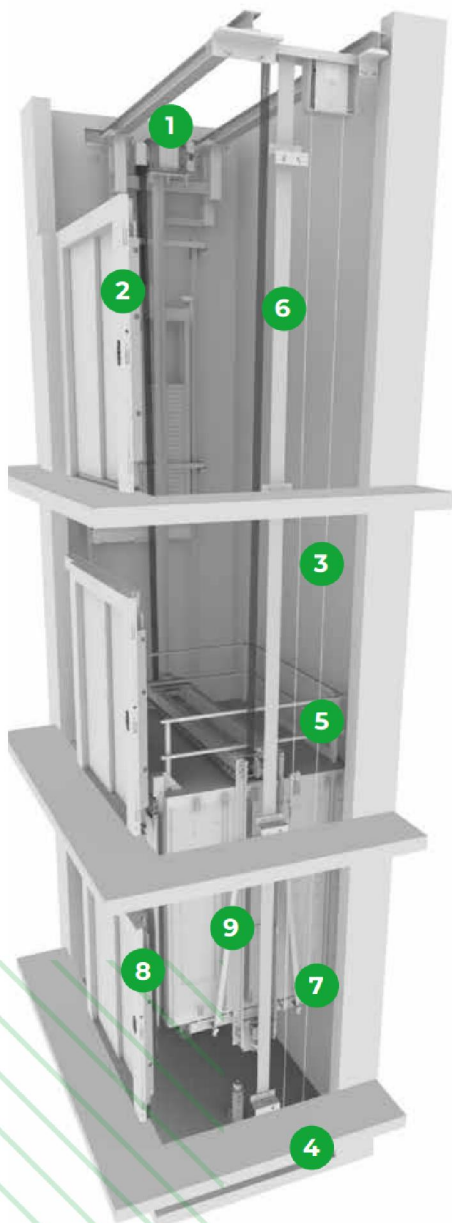
2 Solid doors
Extra robust doors which improve sound-proofing inside and outside the lift and which are specially sized for an intense flow of people.



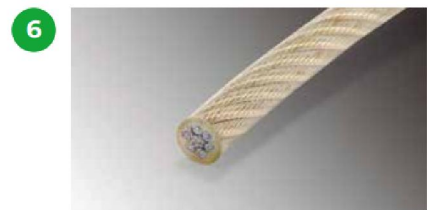
3 Parametric / Flexible
The parametric dimensions offer the possibility of adapting the lift to most potential space-based needs (optional).



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



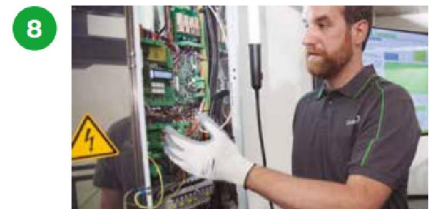
5 Robust lift car
Provides greater lift comfort, reducing vibration and noise during lift travel.



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.

