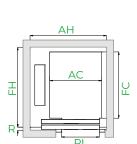
Flex Designed to maximise shaft efficiency

Finite space, infinite solutions

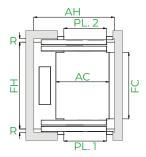
General Specifications

Load	180 to 630 kg 180 to 450 kg (single-phase)
Capacity	2 to 8 persons 2 to 6 persons (single-phase)
Speed	1 m/s / 0.6 m/s (single-phase)
Maximum Travel	45 m / 25 m (single-phase)
Maximum Floors Served	16 Floors
Machine-room Option	Yes
Entrances	1 Front 2 Open through 2 Front & side
Drive System	Regulated gearless (180 stars per hour)
Controller	ARCA III controller, low energy consumption multiprocessor
Door Types	Automatic side-opening / Automatic centre-opening / Semi-automatic + hinged (BUS)
Clear door opening	From 500 to 900 mm
Door Height	2,000 / 2,100 / 2,200 mm
Car Dimensions	Parametric
Internal Car Height	2,100 / 2,200 / 2,300 mm
Power Supply	Three-phase / Single-phase

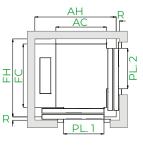


1 Entrance

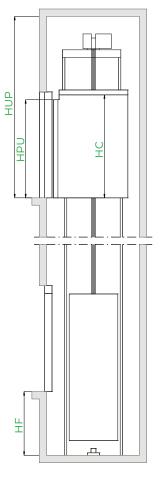
2 Entrances (open through)



2 Entrances (front & side)



Vertical section



*Note: The diagrams are for guidance only.



Customised solution, examples of dimensions*

For minimal dimensions, consult the technical staff.

			Lift Shaft° (mm)													
Load / Capacity		Car (mm)			Entran	Side coun- terweight Side- opening doors		Rear coun- terweight Central-opening doors		HF Pit			HUP ⁴ Headroom			
					ces						Reduced			Reduced		
لْجُ Accessi- bility	ဂိဂိ Per- sons	Q Load	AC Width	FC Depth	PL⁵ Clear ope- ning	No. of entran- ces	AH ¹ Depth	FH ² Fondo	AH ³ Width	FH ² Depth	Std.	With safety space	With safety space (EN 81-21) 5	Std.4	With safety space	With safety space (EN 81-21)
	- 4 320 kg 825				1	1100	1,300	1,200	1,505							
-		320 kg	825	1,100	700	2x180°	1,180	1,390	-	-	^{1,000} (890 (830)**	400 (310)**	3,400	3,000**	2,600**
						2x90°	1,230	1,300	1,200	1,505						
፟	ල්. 6 450 kg		50 kg 1,000			1	1,335 1,405	1,445	1,340	1,655						
G		450 kg		1,250	800	2x180°		1,540	-	-						
-						2x90°		1,445	1,340	1,655						
٨Å			1,100 kg 1,200		900	1	1,435	1,600	1,490	1,805						
G				1,400		2x180°	1,455	1,690	-	-						
-	8	630 kg				2x90°	1,505	1,600	1,490	1,805						
Å	U	000 Ng				1	1 1,445 1,490 1,655 2x180° 1,540 - - 2x90° 1,605 1,445 1,490 1,655	1,445	1,490	1,655						
G	G			1,250	900	2x180°		1,540	-	-						
-						2x90°					<u>/</u>					

o Minimum plumb measurements.

- 1 Accessible space below the pit (fall arrester on counterweight) or reduced pit without safety space: add 40 mm to AH. AH calculated for NN 3-panel telescopic doors.
- 2 Shaft depth with the doors fully supported by the landing slab. Narrow mouthpiece bottom. In the case of NN, doors with narrow treads.
- 3 Calculated width with central 2-panel doors. Narrow mouthpiece bottom in the first shipment.
- 4 HUP minimum for internal car height (HC) of 2100 mm.
- 5 There may be door constraints for a pit without a safety space (EN 81-21).
- * The information is not contractually binding and is subject to the conditions of the shaft ** Consult technical data

						8	8	8	7	7	6				1,400				
					8	8	8	7	7	6	6	5			1,350				
				8	8	8	7	7	6	6	6	5			1,300				
			8	8	8	7	7	7	6	6	5	5			1,250				
		8	8	8	7	7	7	6	6	5	5	5			1,200				
	8	8	8	7	7	7	6	6	5	5	5	5	4		1,150				
8	8	8	7	7	7	6	6	5	5	5	5	4	4		1,100				
8	8	7	7	7	6	6	5	5	5	5	4	4	4	3	1,050				
8	7	7	6	6	6	5	5	5	5	4	4	4	4	3	1,000				
7	7	6	6	6	5	5	5	5	4	4	4	4	3	3	950				
6	6	6	6	5	5	5	5	4	4	4	4	3	3	3	900				
6	6	5	5	5	5	5	4	4	4	4	3	3	3	3	850				
5	5	5	5	5	5	4	4	4	4	3	3	3	3	3	800				
5	5	5	5	4	4	4	4	3	3	3	3	3	3	2	750				
5	5	4	4	4	4	4	3	3	3	3	3	2	2	2	700				
4	4	4	4	4	3	3	3	3	3	3	2	2	2	2	650				
4	4	4	3	3	3	3	3	3	3	2	2	2	2	2	630				
1,450	1,400	1,350	1,300	1,250	1,200	1,150	1,100	1,050	1,000	950	900	850	800	750	mm	500	600	700	800
Card	Car depth Clear door ope																		

Customised car dimensions

Car width

900





MRL

Machine-room-less solution, with a reduced headroom as an option.





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





Drive

Compact, quiet, gearless, energyefficient, inverter-drive permanentmagnet motor electrical machine.





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.eléctrico.





Optimised passenger unit Saves space and reduces weight, providing safety, ergonomics and speed during assembly processes.





Reduced top floor Adaptable to buildings requiring a reduced top floor.





Two-way communication Between the car and the 24-hour Service Call Centre, in line with EN 81-28.



Shaft usability

Lifts designed especially to use all the shaft space available especially in existing buildings, obtaining a good relation between the space available and the number of passengers to be transported.

Þ