Flex Fits in any shaft.

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)
Capacity	1 m/s / 0.6 m/s (Single-phase)
Maximum Travel	40 m / 25 m (Single-phase)
Maximum Floors Served	14 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/ Semiautomatic + Articulated (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 / 2,300 mm

Vertical section 1 Entrance 2 Entrances (open through) 2 Entrances (front & side)

*Note: The diagrams are for guidance only.



Customised solution, examples of dimensions*

			Lift Shaft ^o (mm)																	
Load / Capacity		Car (mm)			Entran-	Side coun- terweight Telescopic opening doors		Rear coun- terweight Central opening doors			HF Pit		HUP ⁴ Headroom							
					ces						Reduced			Reduced						
Å Accessi- bility	nn Per- sons	Q Load	AC Width	FC Depth	PL ⁵ Clear Ope- ning		AH ¹ Width	FH ² Depth	AH³ Width	FH ² Depth	Std.	With safety space	Wi- thout safety space (EN81-21) 5	Std.4	With safety space	Wi- thout safety space (EN81-21)				
						1	1,150	1,300	1,150	1,525		1,000 890 (830)**	400 (310)**	3,400	3,000**	2,600**				
-	4	320 kg	825	1,100	700	2x180°		1,450	-	-										
						2x90°	1,250	1,300	1,200	1,525										
Å			1,000	1,250		1	1,325	1,450	1,300	1,675	1,000									
G	6	450 kg			800	2x180°	1,525	1,600	-	-										
-						2x90°	1,425	1,450	1,400	1,675										
గిడ్చి		630 kg			900	1	1,525	1,450	1,450	1,675										
···G	8		1,100	1,400		2x180°	1,323	1,600	-	-										
-											2x90°	1,625	1,450	1,500	1,675					

- O Minimum plumb measurements.
- Accessible space below the pit (Counterweight with safety gear) or reduced pit without safety space add 40 mm to AH.

 AH calculated for 3-panel side-opening doors.
- 2 Shaft depth with door tracks projecting as a whole on the landing.
- 3 Width calculated for HH 4 panel central door.
- 4 HUP minimum for internal car height (HC) 2,100 mm.
- 5 Door restrictions may exist for pits without safety space EN 81-21.

Customised car dimensions

Car		

						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	900

Car depth Clear door opening

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

^{**} Consult technical data





3



MRL

Machine-room-less solution, with reduced headroom (optional).

Accessible space below the pit

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









Optimised passenger unit

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







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.







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







Doors

With a compact permanent-magnet motor, which allows fast, precise and quiet opening and closing motions, raising current feature standards, with pre-opening and/or light curtain. Optional Solid Door for higher flow situations.







Shaft optimisation

A solution designed for shaft optimisation challenges, specially for buildings without lift. Good result according to the available space and number of passengers to move.





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.



