

Orona 3G

X-35C

Hydraulic drive solutions for heavy and/or delicate loads

Hydraulic solution for medium loads.
Flexible and robust.

General specifications

Load / Capacity	1,275 to 2,500 kg
Speed	0,3 - 0,6 m/s
Maximum travel	21 m
Maximum floors served	14 floors
Entrances	1 front / 2 open through
Drive system	Hydraulic
Controller	ARCA II controller, low energy consumption multiprocessor
Door types	Automatic side-opening / Automatic central-opening
Clear door opening	From 900 to 2,200 mm (in increments of 100 mm)
Door height	2,000 / 2,100 / 2,200 / 2,300
Car dimensions	Parametric car dimensions
Internal car height	2,200 / 2,300 / 2,400 / 2,500
Aesthetic solutions	Heavy loads Aesthetics

Standard Optional



1 HYDRAULIC LIFTS

The hydraulic systems, renowned for their long life cycle, are very versatile and offer convenient solutions to heavy load requirements or reduced shaft spaces.



2 PARAMETRIC/FLEXIBLE

Flexible car and door configurations ensure available shaft dimensions can be optimised.



3 ROBUST LIFT CAR

Provides greater comfort during lift travel, with reduced vibration and noise.



4 CARS

Special car dimensions, with extra depth and wider doors. Designed with reinforced panels and floors for multiple and intensive uses.

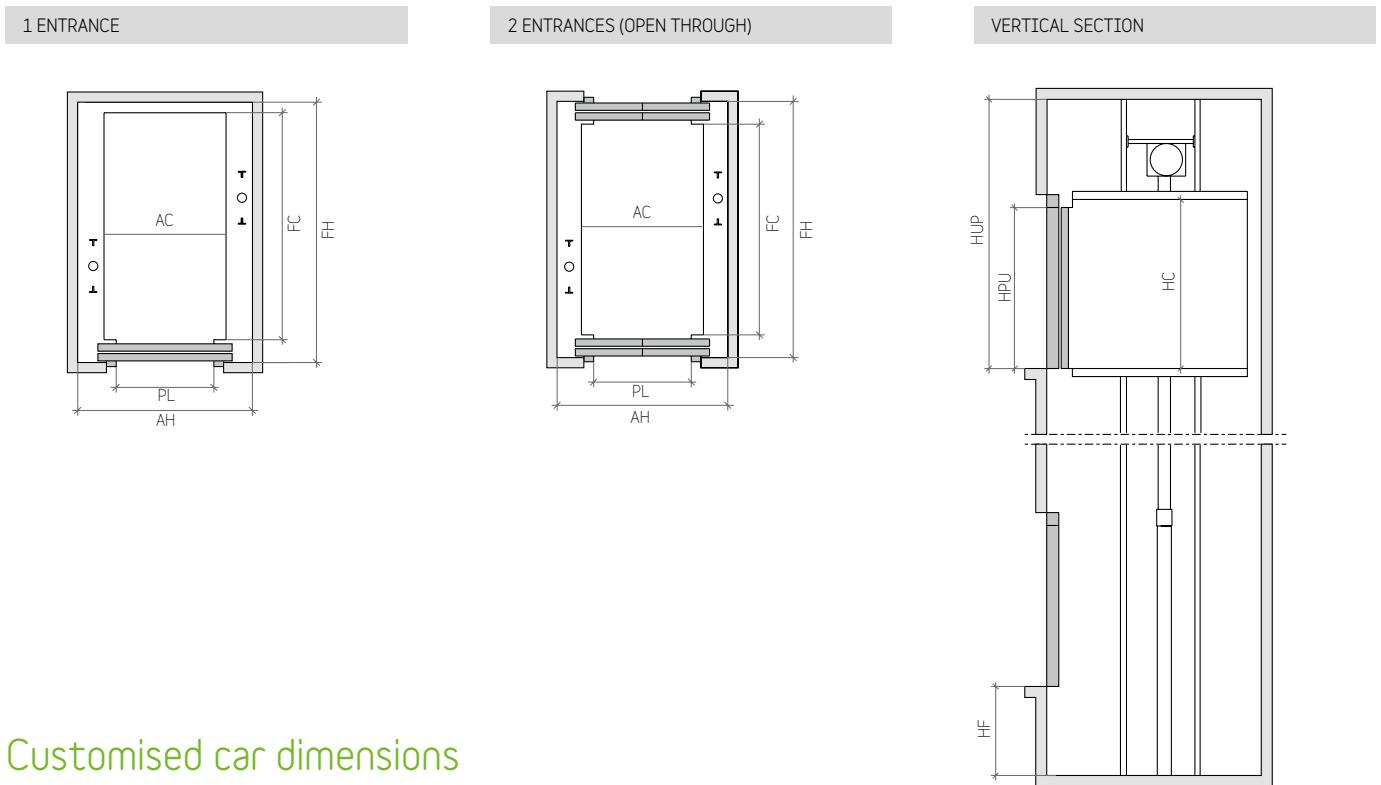


Standard dimensions

Load / Capacity		Car				Lift shaft *					
Speed	Q Load	AC Width		FC Depth		PL Clear opening	Entrances	AH ¹ Width	FH ² Depth	HF Pit	HUP ³ Headroom
		min.	max.	min.	max.						
0.3-0.6 m/s	1,275 kg	1,100	1,900	1,500	2,600	900 - 2,200	1	1,900	2,900	1,100	3,450
	1,600 kg		2,300	1,500	3,000		2x180°		3,000		
	1,800 kg	1,200	2,300	1,500	3,000		1		3,300		
							2x180°		3,400		
	2,000 kg	2,350	1,500	3,000	1		2,000		3,300		
2,500 kg	1,400	2,350	1,750	3,000	2x180°	3,400					

- 1 Minimum AH for the assigned AC
- 2 FH for minimum AH and landing doors with tracks projecting 40 mm on the landing
- 3 HUP for interior car height (HC) of 2,200 mm and guardrail of 700 mm
HUP will be reduced by 70 mm for LED lighting
- * Minimum plumb measurements

Layout



Customised car dimensions

		Car width											Clear door opening																																																																																																																																																														
		6	6	6	5	5	2,350	6	6	6	5	5	5	2,200	6	6	6	5	5	5	4	2,100	6	6	6	6	5	5	5	5	5	3	2,000	6	6	6	6	5	5	5	5	3	3	1,900	6	6	6	6	5	5	5	5	3	3	2	1,800	6	6	6	6	5	5	5	5	4	3	3	2	1,700	6	6	6	6	5	5	5	5	4	3	3	2	2	1,600	6	6	6	6	5	5	5	5	4	3	3	2	2	2	1,500	5	5	5	5	5	5	5	5	4	3	3	2	2	2	1,400	5	5	5	5	5	5	5	5	4	3	3	2	2	2	1,300	5	5	5	5	5	5	5	5	4	3	3	2	2	2	1,200	4	3	3	3	2	2	2	2	2	2	2	1	1	1,100	900	1,000	1,100	1,200	1,300	1,400	1,500	1,600	1,700	1,800	1,900	2,000	2,100	2,200
Car depth	Clear door opening																																																																																																																																																																										

1 = 1,050 kg / 2 = 1,200 kg / 3 = 1,400 kg / 4 = 1,600 kg / 5 = 2,000 kg / 6 = 2,500 kg

Note: Car width and depth variable, in increments of 50 mm.
For simplification, table samples show increments of 100 mm.