Orona 3G
X-37C
Goods Lift

Hydraulic drive solutions for heavy and/or delicate loads

Hydraulic solution for heavy loads.
Robustness and reliability.

General specifications

Load / Capacity	2,550 to 5,000 kg
Speed	0.2 - 0.5 m/s
Maximum travel	21 m
Maximum floors served	7 floors
Entrances	1 front / 2 open through
Drive system	Hydraulic
Controller	ARCA III controller, low energy consumption multiprocessor
Door types	Automatic side-opening / Automatic central-opening
Clear door opening	From 900 to 2,900 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, renown 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.

ECO-EFFICIENCY ADAPTABILITY DESIGN AND ACCESSIBILITY CONTROL AND SAFETY

Standard dimensions*

Load / Capacity		Car				Lift shaft[0]				
Speed	Q Load	AC Width	FC Depth	PL Clear opening	Doors Type[2]	Entrances	AH[4] Min. width	FH[3] Min. depth	HF Min. pit	HUP[5] Headroom
0.2-0.5 m/s	2,550 kg	2,300	1,900	900 - 2,900	PL < 2,100 HH PL > 2,200 MM	1	3,100	2,170	1,100	3,550
						2x180[0]		2,290		
		1,900	2,500			1	2,700	2,770		
						2x180[0]		2,890		
	3,000 kg	2,300	2,200			1	4,100	2,470		
						2x180[0]		2,590		
	3,500 kg	2,500	2,500			1	3,300	2,770		
						2x180[0]		2,890		
		2,100	3,000			1	2,900	3,270		
						2x180[0]		3,390		
	4,000 kg	2,500	2,800			1	3,300	3,070		
						2x180[0]		3,190		
	4,500 kg	2,700	2,800			1	3,500	3,070		
						2x180[0]		3,190		
	5,000 kg	3,000	2,800			1	3,800	3,070		
						2x180[0]		3,190		

0 Minimum plumb measurements

1 The possible car dimensions vary by 50 mm increments only

2 Two and three panel telescopic door also possible

3 Shaft depth with door tracks projecting 40 mm on the landing and 90 mm sills

4 Minimum shaft width for central doors. May vary according to the clear opening and type of doors

5 HUP for interior car height (HC) of 2,200 mm
HUP will be reduced by 70 mm for LED lighting

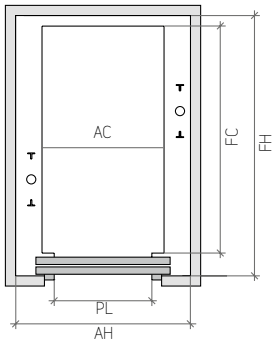
HH - Four panel central door

MM - Six panel central door

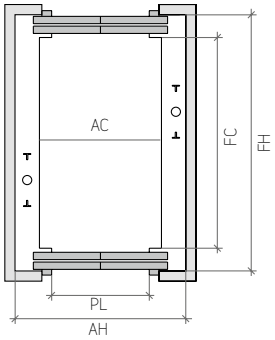
* The information is not contractually binding and is subject to the conditions of the shaft

Layout

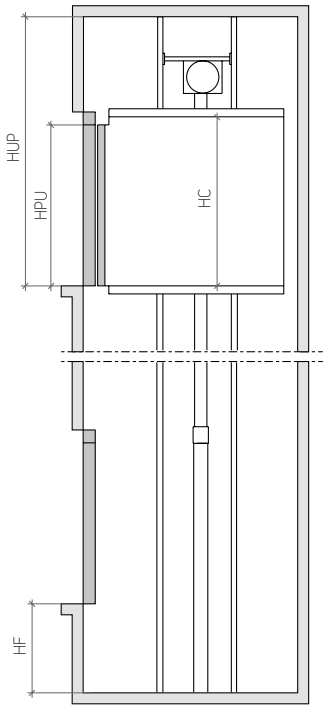
1 ENTRANCE



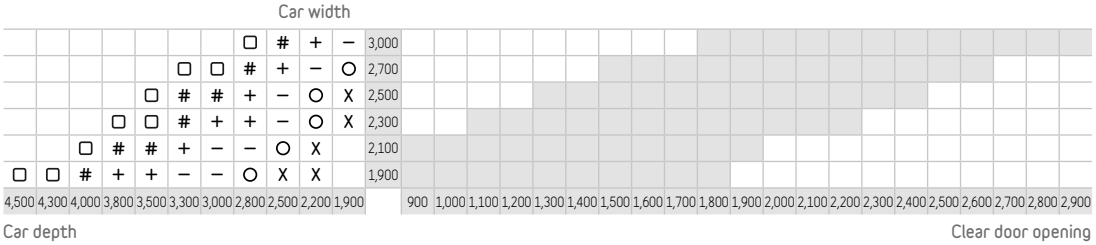
2 ENTRANCES (OPEN THROUGH)



VERTICAL SECTION



Customised car dimensions



X = 2,500 - 2,950 kg / O = 3,000 - 3,450 kg / − = 3,500 - 3,950 kg
+ = 4,000 - 4,450 kg / # = 4,500 - 4,950 kg / □ = 5,000 kg

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