# Orona 3G X-37C Car Lifts

# Hydraulic drive solution for car transport

Hydraulic drive solution for heavy and/or delicate loads.

# General specifications

Load / Capacity	3,500 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 2,200 to 2,900 mm (in 100 mm increments)								
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.

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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

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DESIGN AND ACCESSIBILITY OCONTROL AND SAFETY

Customised	solution,	examples	of	dimensions*
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Load / C	Capacity		C	Car		Lift shaft <sup>o</sup>							
Speed	Q Load	AC Width	FC Depth	PL Clear opening	Doors Type <sup>2</sup>	Entrances	AH <sup>4</sup> Min. width	FH <sup>3</sup> Min depth	HF Min. pit	HUP <sup>5</sup> Headroom			
	3,500 kg	2,300	5,000		PL < 2,200 MM	1 2x180 <sup>0</sup>	3,100	5,270 5,390	1,100	3,550			
	4,000 kg	2,500	5,000	2 200		1 2x180 <sup>0</sup>	3,300	5,270 5,390					
0.2-0.5 m/s		2,700	4,800	2,200		1 2x180 <sup>0</sup>	0.500	5,070 5,190					
	4,500 kg	2,700	6,000	2,900		1 2x180 <sup>0</sup>	3,500	6,270 6,390					
	5,000 kg	3,000	5,800			1 2x180 <sup>0</sup>	3,800	6,070 6,190					

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 MM doors. May vary according to the clear opening and type of doors  $\,$ 

5 HUP for internal car height (HC) of 2,200 mm

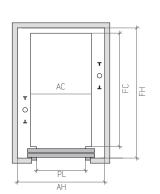
HUP will be reduced by 70 mm for LED lighting

MM - Six panel central door

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

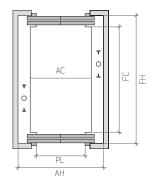
### Layout\*

1 ENTRANCE

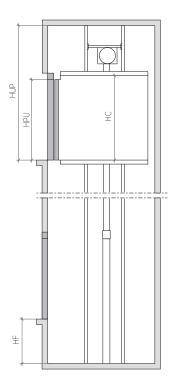


\* Note: The diagrams are for guidance only.

2 ENTRANCES (OPEN THROUGH)



VERTICAL SECTION



## Customised car dimensions

	Car width																			
			#	#	#	+	+	-	-	-	3,000									
#	#	#	+	+	+	-	-	-			2,700									
#	+	+	+	+	-	-	-				2,500									
+	+	+	-	-	-	-	-				2,300									
6,000	5,800	5,500	5,300	5,000	4,800	4,500	4,300	4,000	3,800	3,500		2,100	2,200	2,300	2,400	2,500	2,600	2,700	2,800	2,900
Car depth Clear door opening											ning									
→ = 3,500 - 3,950 kg / + = 4,000 - 4,450 kg / # = 4,500 - 4,950 kg / □ = 5,000 kg												)0 kg								

Note: Dimensions considering 1 entrance. Car width and depth variable, in increments of 50 mm. For simplification, table samples show increments of 100 mm.