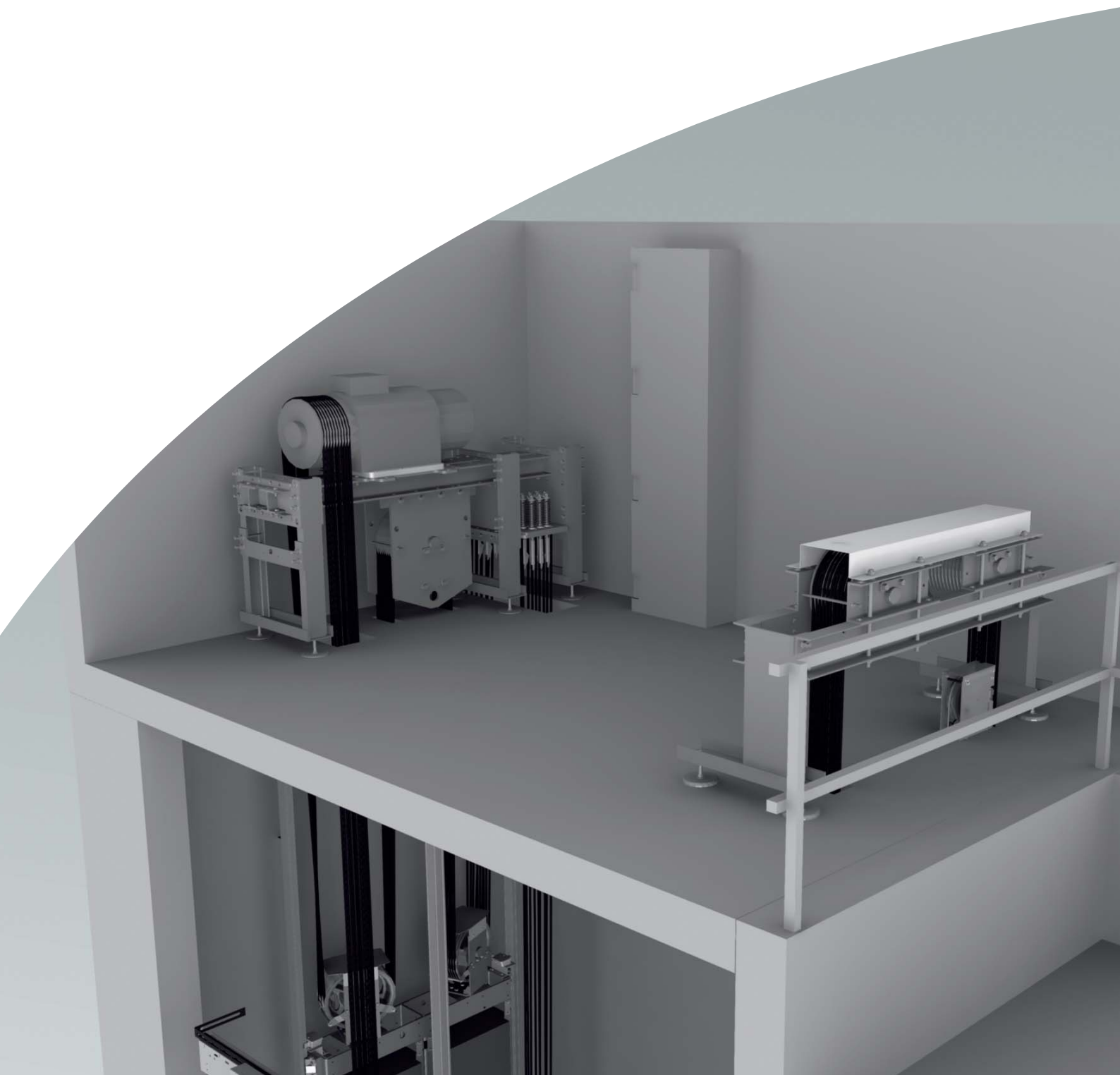




Orona

Orona 3G 3022

Heavy loads electrical solutions
with machine-room above lifts



Orona 3G 3022

Electrical solution for large loads.
Capacity with high performance.

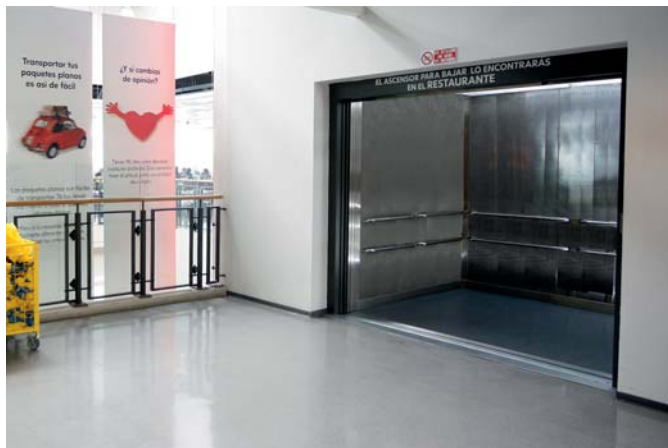
General specifications

Load / Capacity	2550 to 5000 kg			
Speed	0.5-1 m/s			
Maximum travel	30 m to 0.5 m/s	45 m to 1 m/s		
Maximum floors served	14 floors			
Entrances	2 open through			
Drive system	Direct Gearless			
Controller	ARCA II controller, low energy microprocessor			
Door types	Automatic side-opening	Automatic central-opening		
Clear door opening	From 900 to 2900 mm (in 100 mm increments)			
Door height	2000	2100	2200	2300
Car dimensions	Parametric car dimensions			
Internal car height	2100	2200	2300	2400

Standard Optional

Aesthetic solutions

Inox



Painted



Options

See the "Orona 3G Options" brochure for a full range of available options



ECO-EFFICIENCY

Efficient lighting
Automatic car lighting turn off
Lift stand-by mode



DESIGN AND ACCESSIBILITY

Multi-language voice synthesiser
Car and landing gong
Acoustic and visual information pushbutton



ADAPTABILITY

Wide-framed door



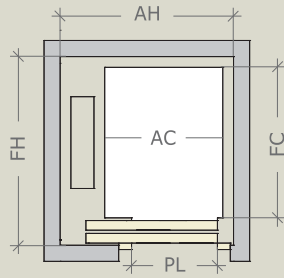
CONTROL AND SAFETY

Behaviour of lifts in the event of fire (EN 81-73)

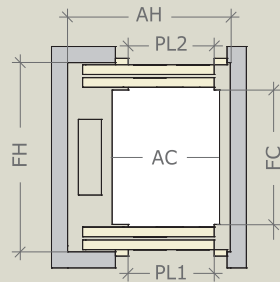


Layout

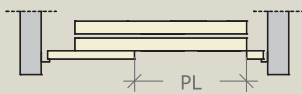
1 ENTRANCE



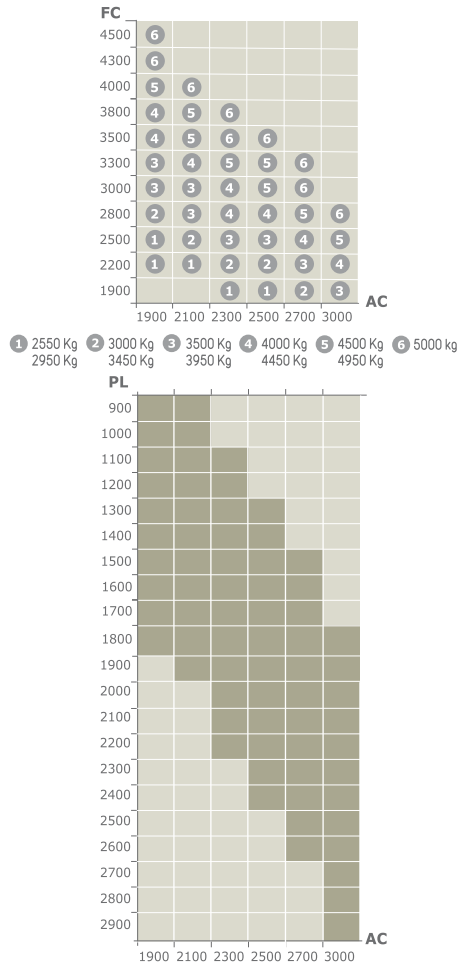
2 ENTRANCES (OPEN THROUGH)



WIDE-FRAMED DOOR DETAIL

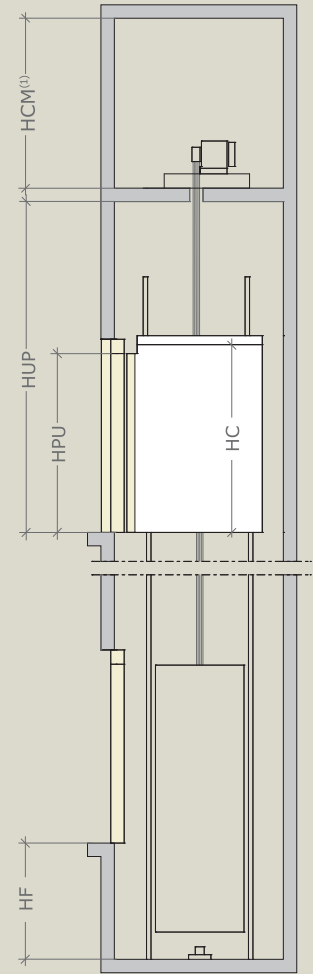


CUSTOMISED CAR DIMENSIONS



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

VERTICAL SECTION



(1) HCM - minimum 2000 mm

Standard dimensions

SPEED	Q LOAD	CAR ¹				LIFT SHAFT*					
		AC WIDTH	FC DEPTH	PL CLEAR	OPENING DOOR ² TYPE	ENTRANCES	AH ³ WIDTH	FH DEPTH	HF PIT	HUP ⁴ HEADROOM	
0.5 m/s	2550 kg	2300	1900	900 - 2900	PL ≤ 2100 central-opening 4 panels	1	3300	2260	1350	3450	
		1900	2500			2x180°		2470			
	3000 kg	2500	2200			1	2975	2770			
		2500	2500			2x180°		2890			
	3500 kg	2500	2500			1	3520	2560			
		2100	3000			2x180°		2770			
		2500	2800			1		3225			2860
2500	2800	2x180°	3070								
2700	2800	1	3750	3270							
2500	2800	2x180°		3390							
3000	2800	1		4060	3160						
2500	2800	2x180°	3370								
2700	2800	1	3225		3160						
2500	2800	2x180°		3370							
2100	3000	1		3225	2260						
1 m/s	2550 kg	2300	1900		900 - 2900	PL ≤ 2100 central-opening 4 panels	1	3250	2470	1350	3450
		1900	2500				2x180°		2770		
	3000 kg	2500	2200	1			2975	2890			
		2500	2500	2x180°				2560			
	3500 kg	2500	2500	1			3520	2770			
		2500	2800	2x180°				2860			
		2500	2800	1				3520	3270		
2500	2800	2x180°	3070								
2700	2800	1	3225	3270							
2500	2800	2x180°		3390							
2100	3000	1		3225	2260						

1) Car dimensions vary in 50 mm steps.

2) Also side-opening option with 2 and 3 panels.


3) Shaft width calculated for maximum PL and central-opening doors.
Side-opening doors also available.

4) HUP minimum for internal car height (HC) 2100 mm.

* Minimum plumb measurements.

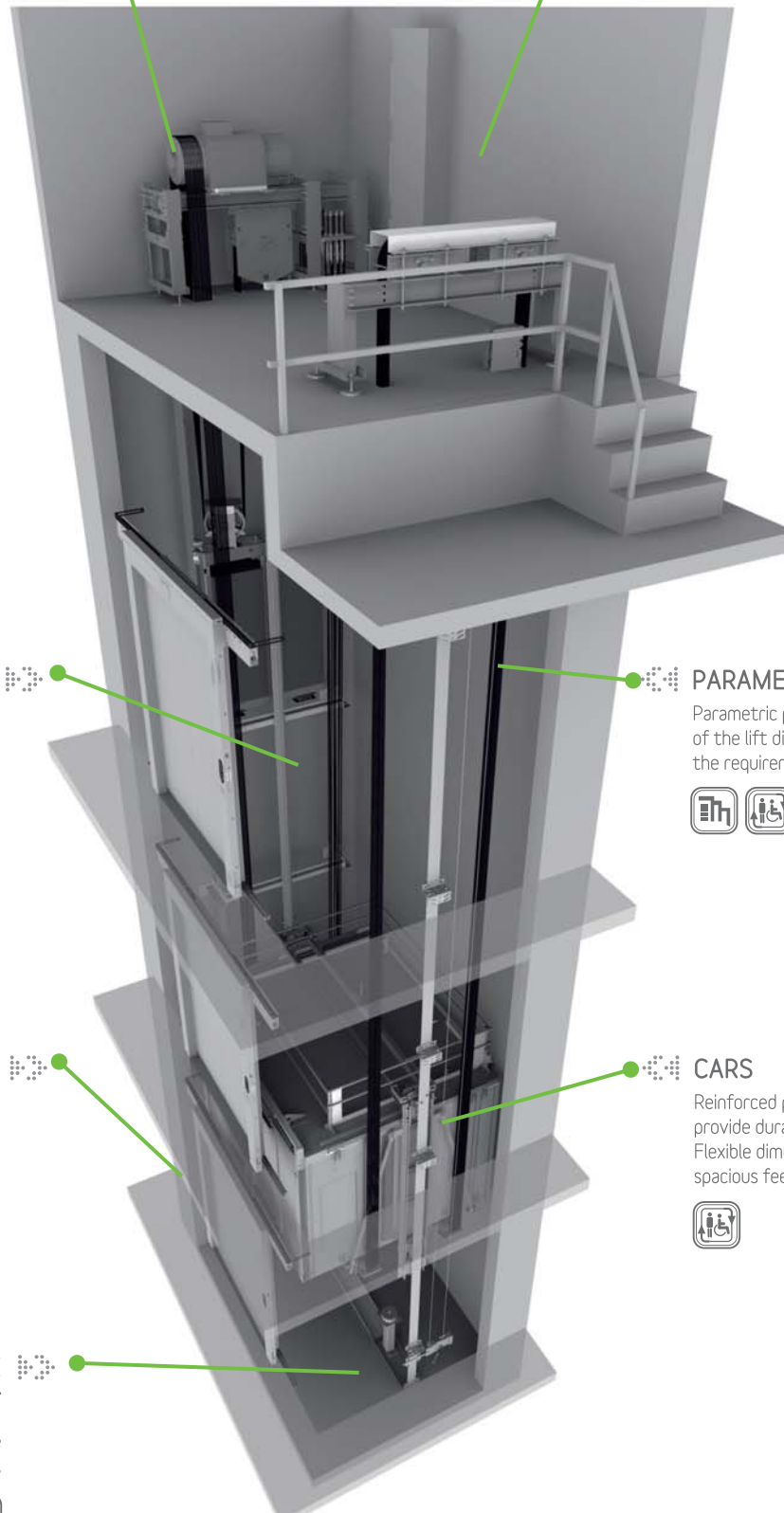
C4H - 4 panel central-opening doors.


C6H - 6 panel central-opening doors.

DRIVE  Compact, quiet, gearless, energy efficient, speed controlled permanent magnet electric motor.




MACHINE-ROOM  A traditional configuration simplifies lift maintenance.



ROBUST PASSENGER UNIT  Provides greater lift comfort, reducing vibration and noise during lift travel.



PARAMETRIC/FLEXIBLE  Parametric products allow adaptability of the lift dimensions to meet the requirements of the lift well.



TWO-WAY COMMUNICATIONS  Between the lift and the emergency 24-hour Service Contact Centre according to EN 81-28 (optional).



CARS  Reinforced panels and flooring provide durability for heavy use. Flexible dimensions allow the most spacious feel.



ACCESSIBLE SPACE BELOW THE PIT  Adapts the lift to suit buildings which have an accessible space below the pit (optional).



ECO-EFFICIENCY



ADAPTABILITY



DESIGN AND ACCESSIBILITY



CONTROL AND SAFETY

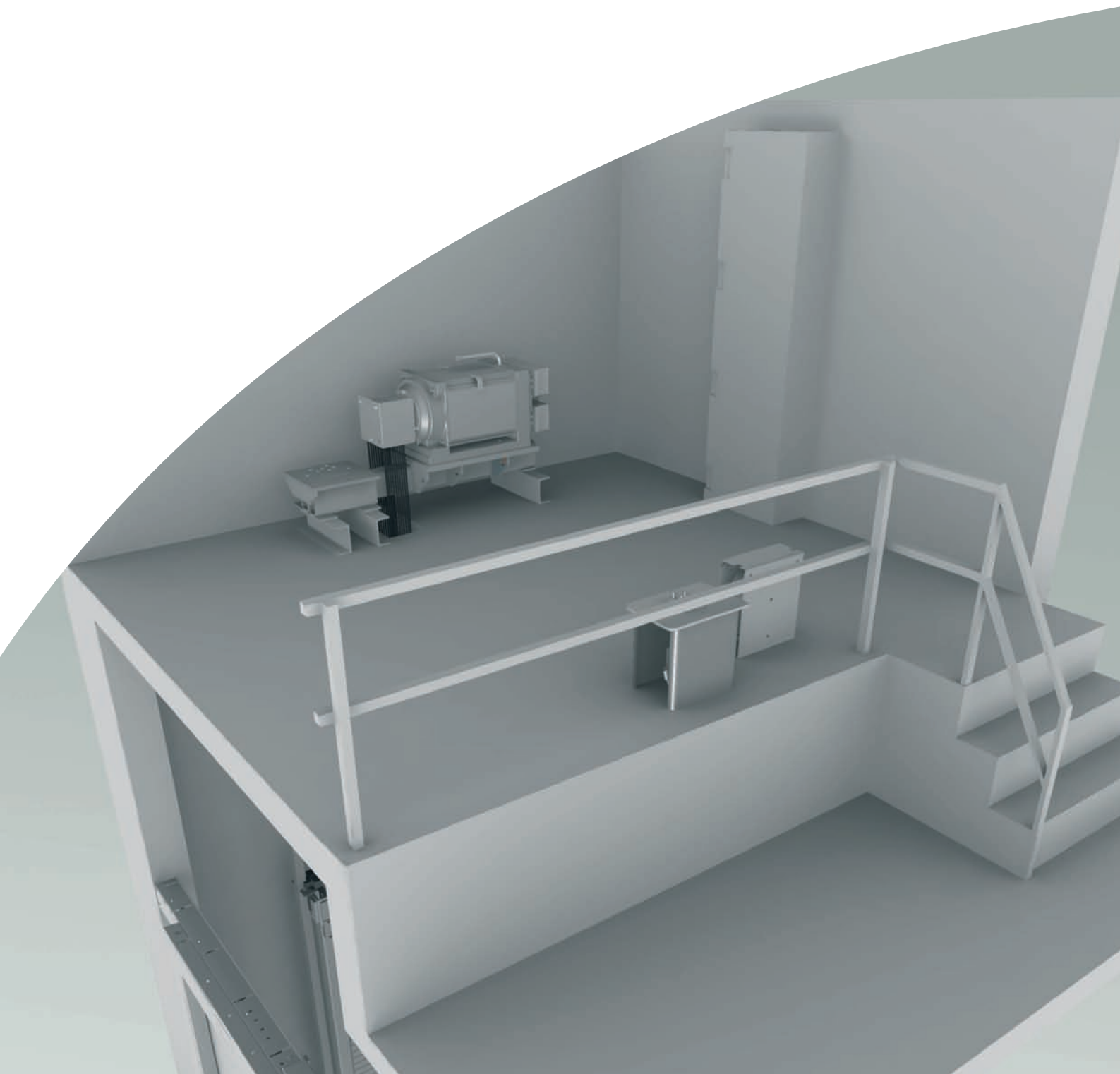
**Orona 3G
3022**



Orona

Orona 3G 3026

Heavy loads electrical solutions
with machine-room above lifts



Orona 3G 3026

High performance solutions for medium load transport.

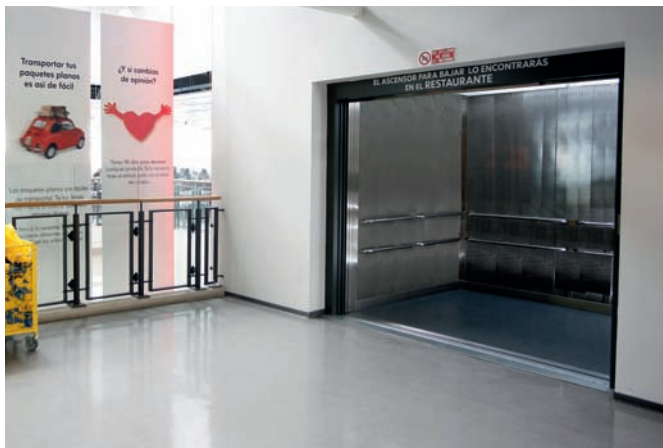
General specifications

Load/Capacity	1050 to 1600 kg 14 to 21 pers			
Speed	1 m/s			
Maximum travel	45 m			
Maximum floors served	14 floors			
Entrances	1 front	2 open through		
Drive system	Direct Gearless			
Controller	ARCA II controller, low energy microprocessor			
Door types	Automatic side-opening		Automatic central-opening	
Clear door opening	From 800 to 1600 mm (in 100 mm increments)			
Door height	2000	2100	2200	2300
Car dimensions	Parametric car dimensions			
Internal car height	2100	2200	2300	2400

Standard Optional

Aesthetic solutions

Inox



Painted



Options

See the "Orona 3G Options" brochure for a full range of available options.



ECO-EFFICIENCY

Efficient lighting
Automatic car lighting turn off
Lift stand-by mode



DESIGN AND ACCESSIBILITY

Multi-language voice synthesiser
Car and landing gong
Acoustic and visual information pushbutton



ADAPTABILITY

Wide-framed door



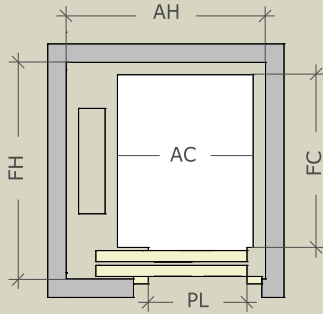
CONTROL AND SAFETY

Behaviour of lifts in the event of fire (EN 81-73)
Automatic rescue system

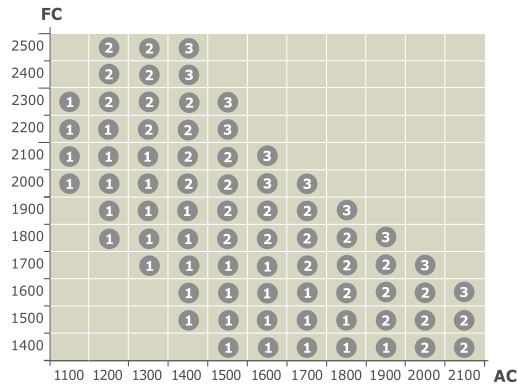


Layout

1 ENTRANCE

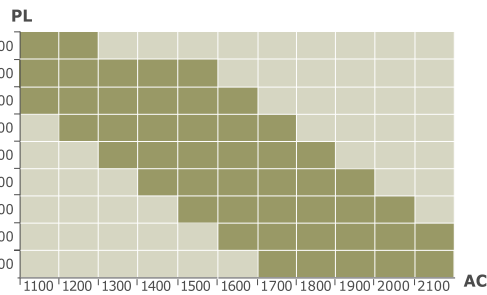
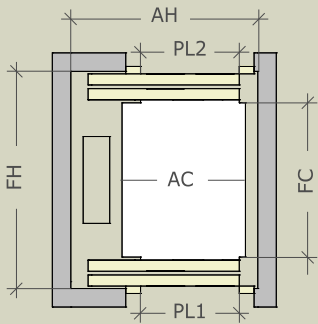


CUSTOMISED CAR DIMENSIONS



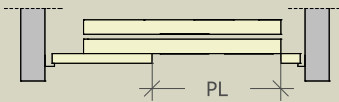
1 1000 - 1250 Kg 2 1275 - 1550 Kg 3 1600 kg

2 ENTRANCES (OPEN THROUGH)

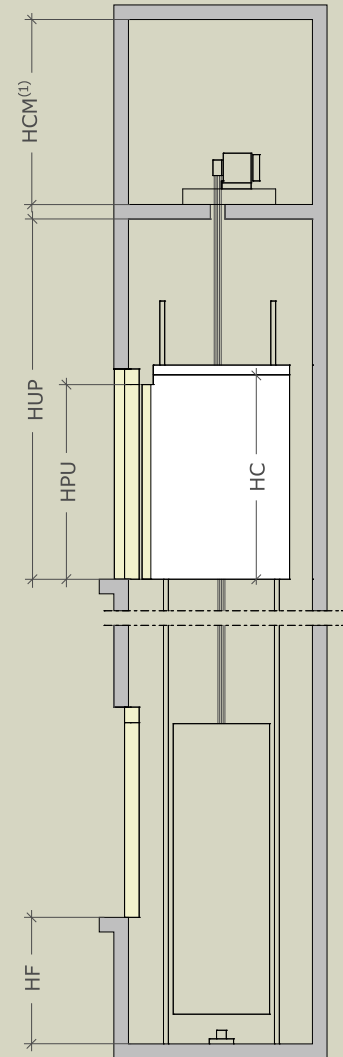


Note: Car width and depth variable in increments of 50 mm.
For simplification, table samples increments of 100 mm.

WIDE-FRAMED DOOR DETAIL



VERTICAL SECTION



(1) HCM - minimum 2000 mm

Standard dimensions

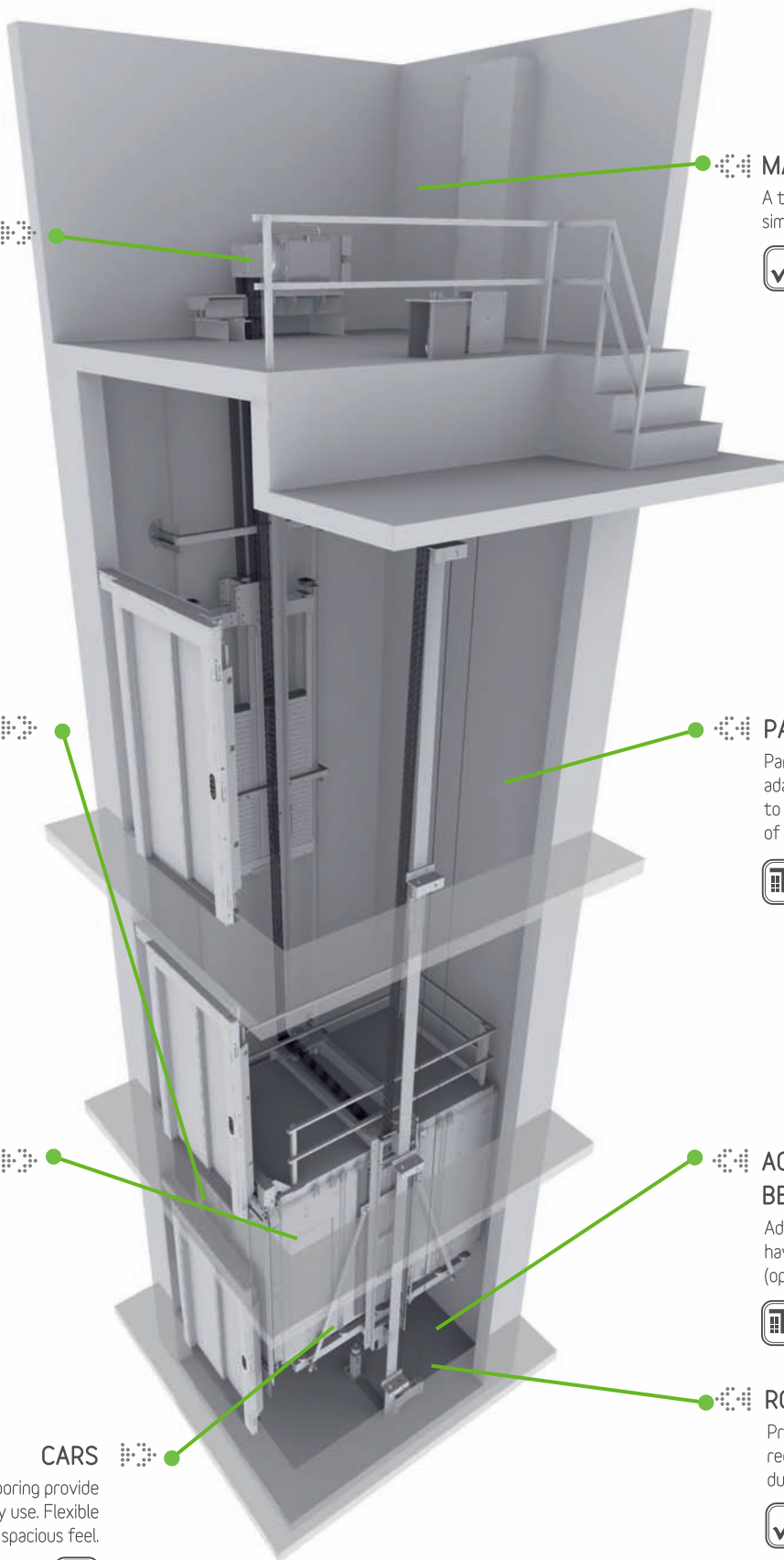
SPEED	Q LOAD	CAR			ENTRANCES	LIFT SHAFT*						
		AC WIDTH	FC DEPTH	PL CLEAR		SIDE-OPENING DOORS		CENTRAL-OPENING DOORS		HF PIT	HUP ⁴ HEADROOM	
						AH ¹ WIDTH	FH ² DEPTH	AH WIDTH	FH ³ DEPTH			
1 m/s	1050 kg	1100	2100	1000	1	1775	2375				1150	3400
					2x180°		2550					
	1275 kg	2000	1400	1100	1			2750	1650			
					2x180°			1750				
	1600 kg	1200	2300	1100	1	1935	2600					
					2x180°		2750					
1600 kg	2100	1600	1100	1			2850	1850				
				2x180°			1950					
	1400	2400	1200	1	2085	2700						
				2x180°		2850						

1) Accessible space below the pit (counterweight with safety gear) add 50 mm to AH.
2) Shaft depth with door tracks projecting 60 mm on the landing.

3) Shaft depth with door tracks projecting 40 mm on the landing.
4) HUP minimum for internal car height (HC) 2100 mm.

*Minimum plumb measurements.

This publication is for general information purposes only. Orona reserves the right at any time to alter specifications and/or other data.



DRIVE

Compact, quiet, gearless, energy efficient, speed controlled permanent magnet electric motor.



MACHINE-ROOM

A traditional configuration simplifies lift maintenance.



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.



PARAMETRIC/FLEXIBLE

Parametric products allow adaptability of the lift dimensions to meet the requirements of the lift well.



TWO-WAY COMMUNICATIONS

Between the lift and the emergency 24-hour Service Contact Centre according to EN 81-28 (optional).



ACCESSIBLE SPACE BELOW THE PIT

Adapts the lift to suit buildings which have an accessible space below the pit (optional).



CARS

Reinforced panels and flooring provide durability for heavy use. Flexible dimensions allow the most spacious feel.



ROBUST PASSENGER UNIT

Provides greater lift comfort, reducing vibration and noise during lift travel.



ECO-EFFICIENCY



ADAPTABILITY



DESIGN AND ACCESSIBILITY



CONTROL AND SAFETY

**Orona 3G
3026**

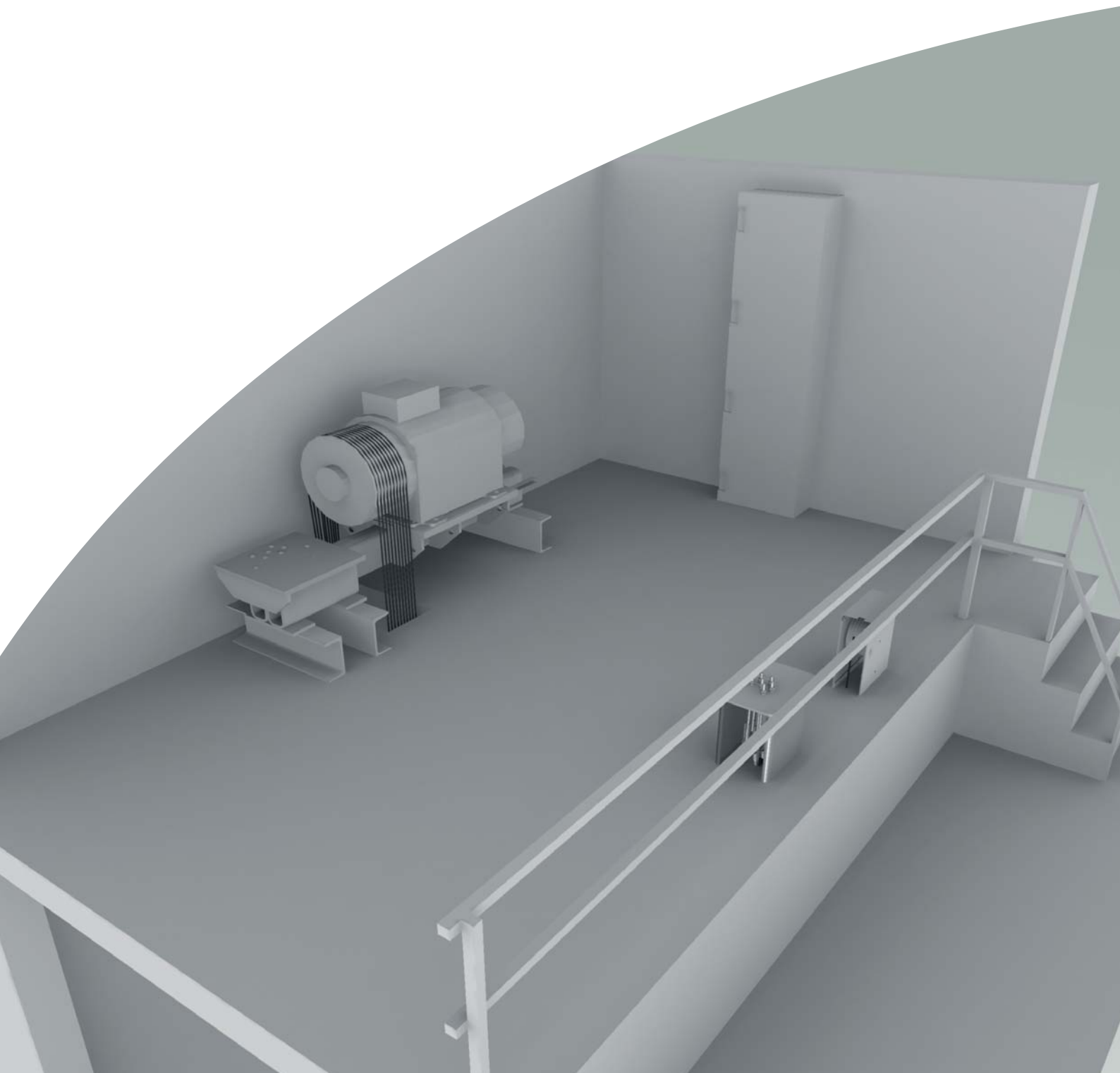
© Orona 3G-3026-44 12/12-2



Orona

Orona 3G 3028

Heavy loads electrical solutions
with machine-room above lifts



Orona 3G 3028

Electrical solutions for medium loads.
Capacity with high performance.

General specifications

Load/Capacity	1650 to 2500kg 22 to 33 pers			
Speed	0.5-1 m/s			
Maximum travel	45 m			
Maximum floors served	14 floors			
Entrances	1 front	2 open through		
Drive system	Direct Gearless			
Controller	ARCA II controller, low energy microprocessor			
Door types	Automatic side-opening	Automatic central-opening		
Clear door opening	From 900 to 2200 mm (in 100 mm increments)			
Door height	2000	2100	2200	2300
Car dimensions	Parametric car dimensions			
Internal car height	2100	2200	2300	2400

Standard Optional

Aesthetic solutions

Inox



Painted



Options

See the "Orona 3G Options" brochure for a full range of available options.



ECO-EFFICIENCY

Efficient lighting
Automatic car
lighting turn off
Lift stand-by mode



DESIGN AND ACCESSIBILITY

Multi-language
voice synthesiser
Car and landing gong
Acoustic and visual
information pushbutton



ADAPTABILITY

Wide-framed door



CONTROL AND SAFETY

Behaviour of lifts in
the event of
fire (EN 81-73)



DRIVE

Compact, quiet, gearless, energy efficient, speed controlled permanent magnet electric motor.



MACHINE-ROOM

A traditional configuration simplifies lift maintenance.



PARAMETRIC/FLEXIBLE

Parametric products allow adaptability of the lift dimensions to meet the requirements of the lift well.



ROBUST PASSENGER UNIT

Provides greater lift comfort, reducing vibration and noise during lift travel.



CARS

Reinforced panels and flooring provide durability for heavy use. Flexible dimensions allow the most spacious feel.



TWO-WAY COMMUNICATIONS

Between the lift and the emergency 24-hour Service Contact Centre according to EN 81-28 (optional).



ACCESSIBLE SPACE BELOW THE PIT

Adapts the lift to suit buildings which have an accessible space below the pit (optional).



ECO-EFFICIENCY



ADAPTABILITY



DESIGN AND ACCESSIBILITY



CONTROL AND SAFETY

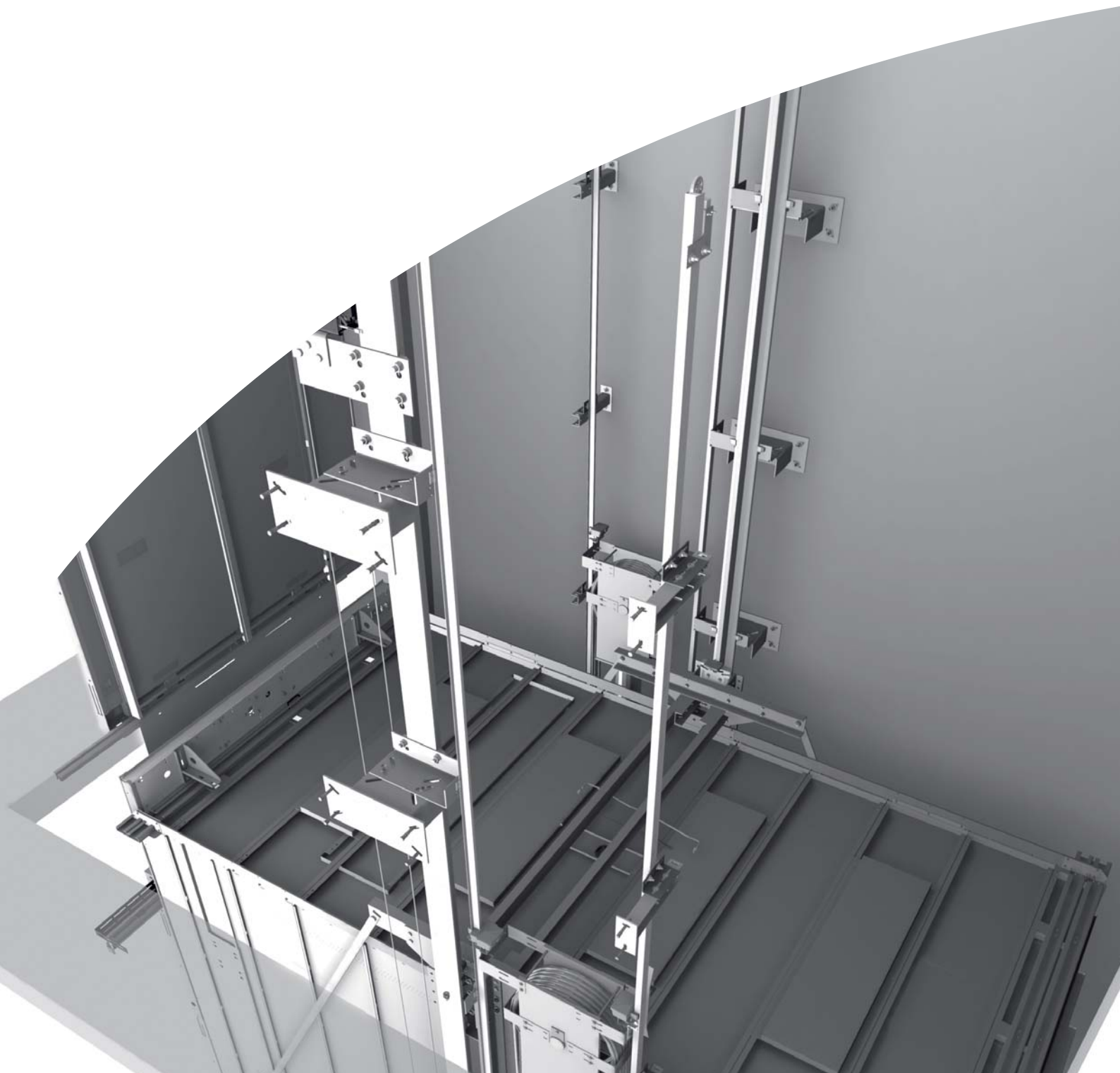
Orona 3G 3028



Orona

Orona 3G 3035

Hydraulic solutions for heavy
and/or delicate loads



Orona 3G 3035

Flexible and robust hydraulic solutions
for medium loads.

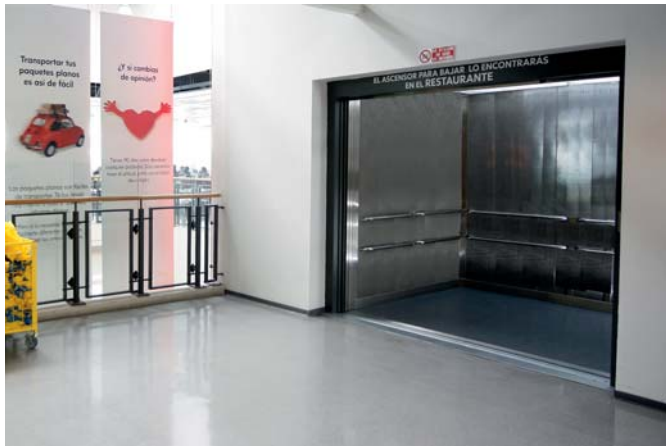
General specifications

Load/Capacity	1275 to 2500 kg			
Speed	0.3-0.6 m/s			
Maximum travel	21 m			
Maximum floors served	7 floors			
Entrances	1 front	2 open through		
Drive system	Hydraulic			
Controller	ARCA II controller, low energy microprocessor			
Door types	Automatic side-opening		Automatic central-opening	
Clear door opening	From 900 to 2200 mm (in 100 mm increments)			
Door height	2000	2100	2200	2300
Car dimensions	Parametric car dimensions			
Internal car height	2200	2300	2400	2500

Standard Optional

Aesthetic solutions

Inox



Painted



Options

See the "Orona 3G Options" brochure for a full range of available options



ECO-EFFICIENCY

Efficient lighting
Automatic car lighting turn off
Lift stand-by mode



DESIGN AND ACCESSIBILITY

Multi-language voice synthesiser
Car and landing gong
Acoustic and visual information pushbutton



ADAPTABILITY

Wide-framed door



CONTROL AND SAFETY

Behaviour of lifts in the event of fire (EN 81-73)
Automatic rescue system



HYDRAULIC LIFTS

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



PARAMETRIC/FLEXIBLE

Parametric products allow adaptability of the lift dimensions to meet the requirements of the lift well.



ROBUST PASSENGER UNIT

Provides greater lift comfort, reducing vibration and noise during lift travel.



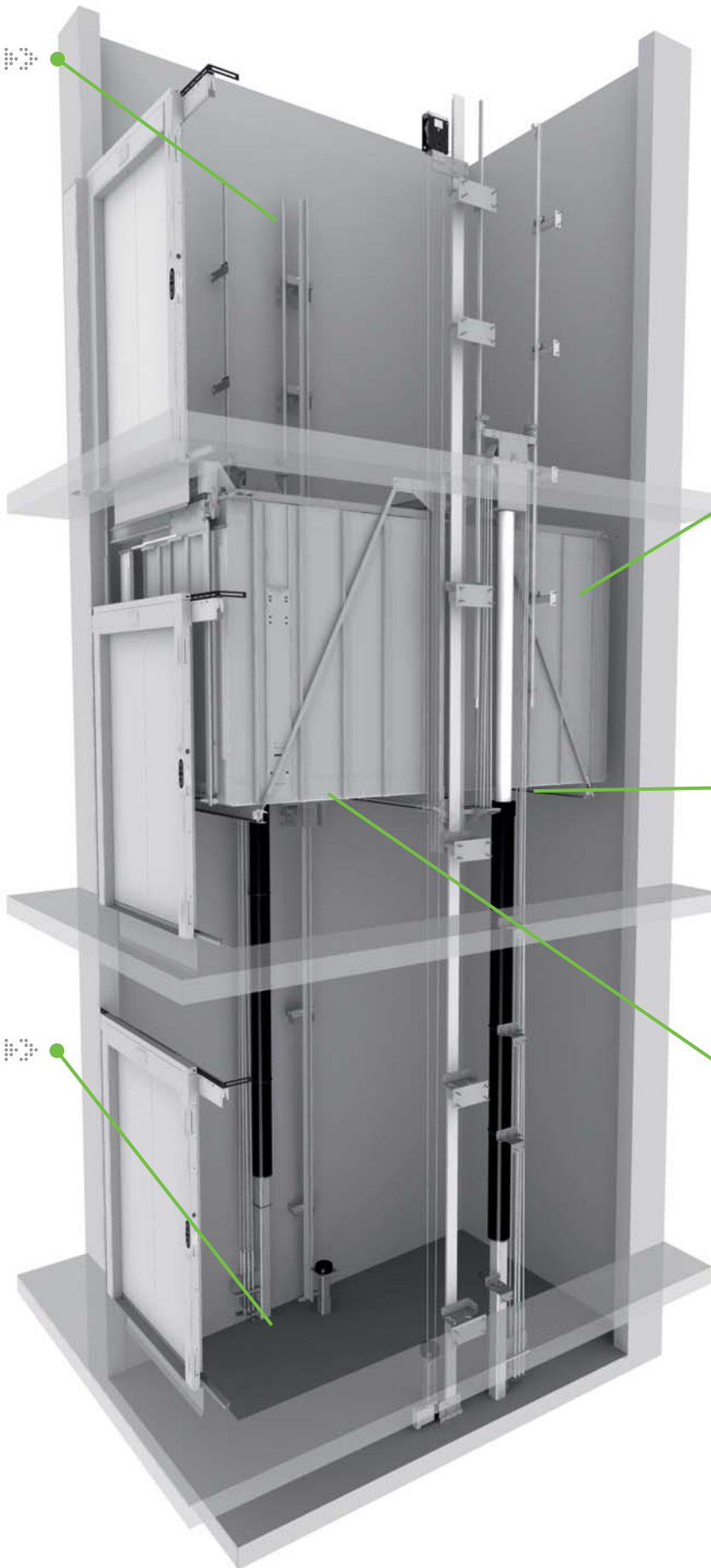
CARS

Reinforced panels and flooring provide durability for heavy use. Flexible dimensions allow the most spacious feel.



TWO-WAY COMMUNICATIONS

Between the lift and the emergency 24-hour Service Contact Centre according to EN 81-28 (optional).



ECO-EFFICIENCY



ADAPTABILITY



DESIGN AND ACCESSIBILITY



CONTROL AND SAFETY

Orona 3G 3035

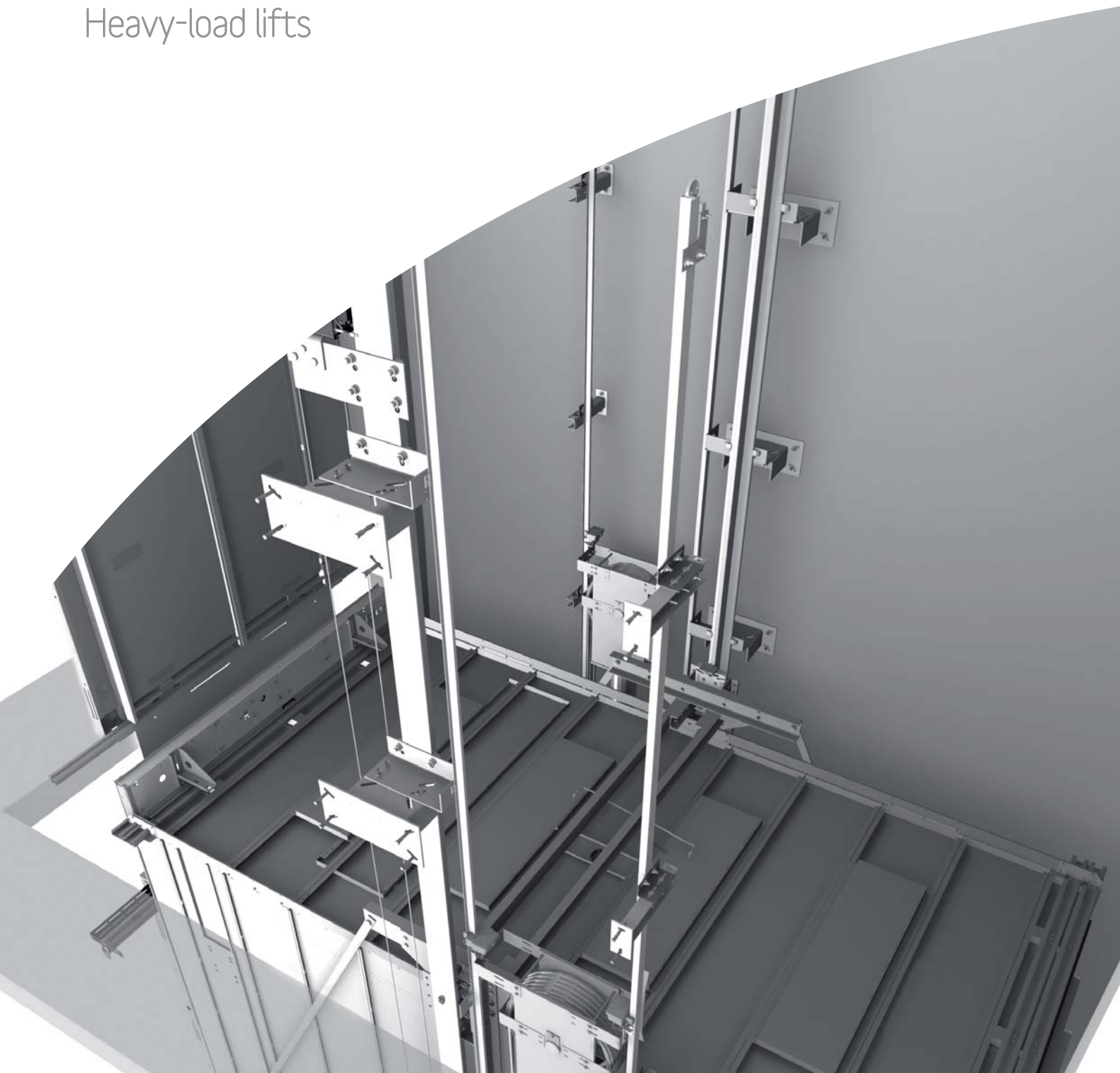


Orona

Orona 3G
3037

Hydraulic solutions for heavy
and/or delicate loads

Heavy-load lifts



Orona 3G 3037

Hydraulic solution for heavy loads.
Robustness and reliability.

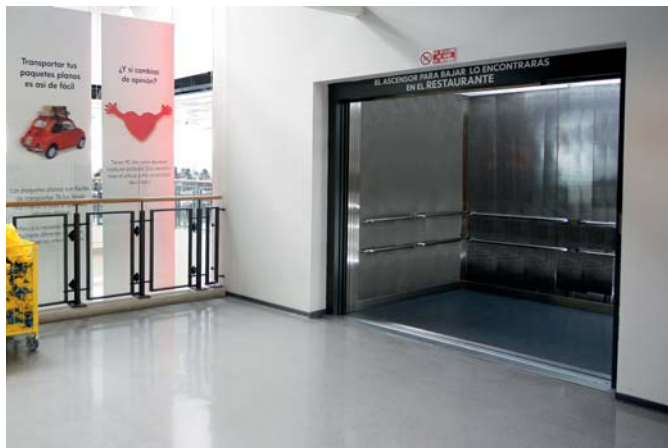
General specifications

Load/Capacity	2550 to 5000 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 II controller, low energy microprocessor			
Door types	Automatic side-opening	Automatic central-opening		
Clear door opening	From 900 to 2900 mm (in 100 mm increments)			
Door height	2000	2100	2200	2300
Car dimensions	Parametric car dimensions			
Internal car height	2200	2300	2400	2500

Standard Optional

Aesthetic solutions

Inox



Painted



Options

See the "Orona 3G Options" brochure for a full range of available options.



ECO-EFFICIENCY

Efficient lighting
Automatic car lighting
turn off
Lift stand-by mode



DESIGN AND ACCESSIBILITY

Multi-language voice
synthesiser
Car and landing gong
Acoustic and visual
information pushbutton



ADAPTABILITY

Wide-framed door



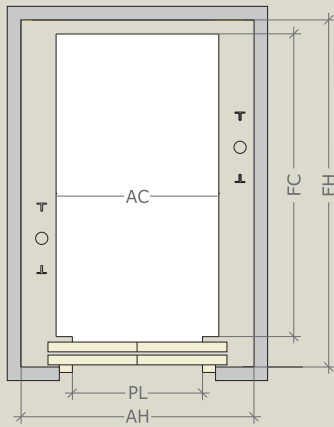
CONTROL AND SAFETY

Behaviour of lifts in the
event of fire (EN 81-73)
Automatic rescue
system

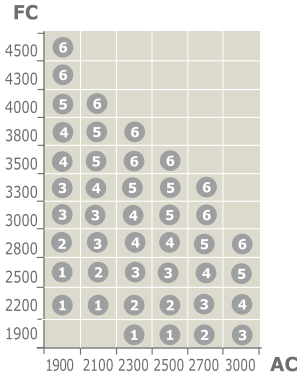


Layout

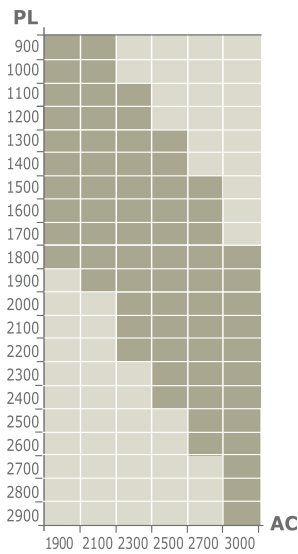
1 ENTRANCE



CUSTOMISED CAR DIMENSIONS

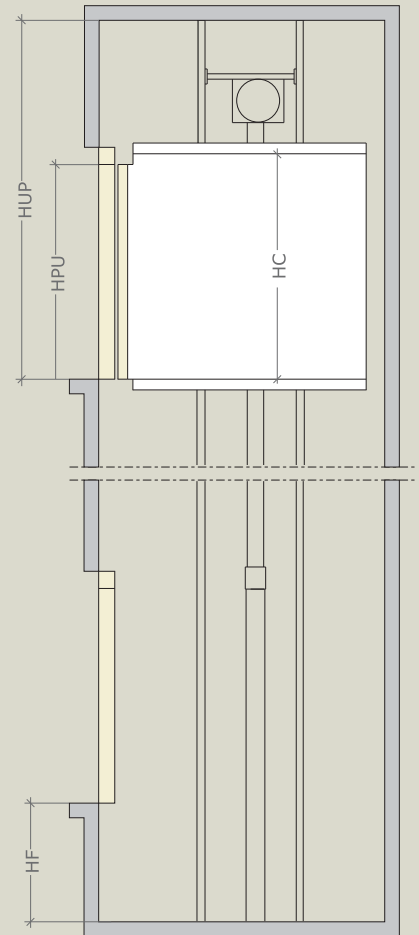


- 1 2550 - 2950 kg 3 3500 - 3950 kg 5 4500 - 4950 kg
- 2 3000 - 3450 kg 4 4000 - 4450 kg 6 5000 kg

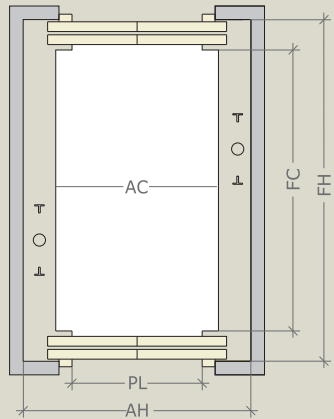


Note: Car width and depth variable in increments of 50 mm.
For simplification, table samples increments of 100 mm.

VERTICAL SECTION



2 ENTRANCES (OPEN THROUGH)



Standard dimensions

		CAR ¹				LIFT SHAFT				
SPEED	Q LOAD	AC WIDTH	FC DEPTH	PL CLEAR OPENING	DOOR TYPE ²	ENTRANCES	AH ³ WIDTH MIN	FH ⁴ DEPTH MIN	HF PIT MIN	HUP ⁵ HEADROOM
0.2-0.5 m/s	2550 kg	2300	1900	900 - 2900	PL ≤ 2100 central opening 4 panels	1	3100	2170	1100	3450
		1900	2500			2x180°		2290		
	3000 kg	2300	2200			1	2700	2770		
		2500	2500			2x180°		2890		
	3500 kg	2500	2500			1	4100	2470		
		2100	3000			2x180°		2590		
	4000 kg	2500	2800			1	3300	2770		
		2700	2800			2x180°		2890		
	4500 kg	2700	2800			1	2900	3270		
		3000	2800			2x180°		3390		
	5000 kg	2700	2800			1	3300	3070		
		3000	2800			2x180°		3190		
	5000 kg	2700	2800			1	3500	3070		
		3000	2800			2x180°		3190		
5000 kg	2700	2800	1	3800	3070					
	3000	2800	2x180°		3190					

1) Car dimensions vary in 50 mm steps.

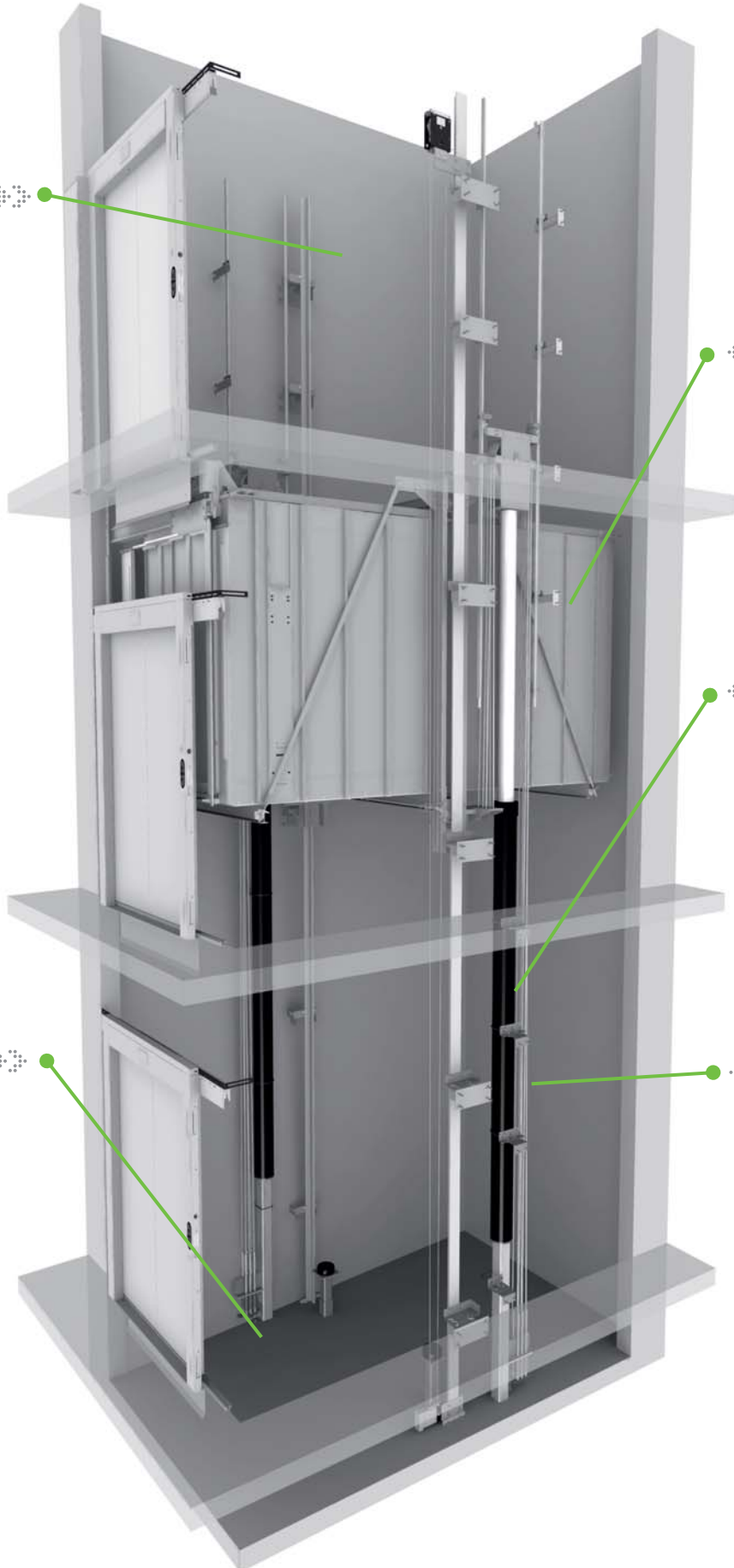
2) Also side-opening option with 2 and 3 people.

3) Shaft width with door tracks projecting 40 mm on the landing.

4) Minimum shaft depth for central-opening doors. It could change according to the clear opening and the type of doors.

5) HUP for internal car height (HC) 2200 mm.

This publication is for general information purposes only. Orona reserves the right at any time to alter specifications and/or other data.



HYDRAULIC LIFTS

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



PARAMETRIC/FLEXIBLE

Parametric products allow adaptability of the lift dimensions to meet the requirements of the lift well.



ROBUST PASSENGER UNIT

Provides greater lift comfort, reducing vibration and noise during lift travel.



CARS

Reinforced panels and flooring provide durability for heavy use. Flexible dimensions allow the most spacious feel.



TWO-WAY COMMUNICATIONS

Between the lift and the emergency 24-hour Service Contact Centre according to EN 81-28 (optional).



ECO-EFFICIENCY



ADAPTABILITY



DESIGN AND ACCESSIBILITY



CONTROL AND SAFETY

Orona 3G
3037
Heavy-load lifts