



**We are
your travel
companion.**

CATALOGUE FOR SOLUTIONS

We are Orona, your best travel companion

You are in good hands, the best hands.

We are Orona, a leading business group in sustainable vertical passenger mobility; every day we help more than 25 million people reach their destinations around the world.

Our objective is to bring people together, shortening the distances that separate them.

A number is worth a thousand words

+30,000

units per year
production
capacity

No. 1

in complete lift
production capacity
in Europe

60

years of
experience

+300,000

lifts worldwide with
Orona technology

A leader in elevation that puts the best of its knowledge at your disposal:

- Extensive experience throughout the entire vertical lift value chain
- The plant with the largest production capacity for complete lifts in Europe
- Lifting solutions designed and manufactured in Europe for the world

A committed partner:

- Social commitment, cooperative: people who work with people. We are united by our values.

Getting closer, our way to be and our way of doing.

JOIN THE...

world leader in the distribution of complete lifts with a presence in more than 100 countries through local partners and long-standing relationships.

A MODEL BASED ON...

comprehensive support, providing its partners with first-class technical assistance.

COLLABORATION IN...

solving the major challenges of the **value chain** through access to processes and applications that provide competitiveness and differentiating features.

COMMITMENT...

in ensuring our partners have access to the latest market trends through our continued **investment in R&D**.

Join the Orona Next Experience, where the journey is the destination, live your own story.



Designed to take care of you.

Your health and that of your loved ones is important to us. That's why at Orona we have developed a series of solutions that contribute to your well-being:



Air purifier

The air purifier with nanoe™ X ^{*1} technology inhibits the activity of viruses ^{*2}, ensuring that the lift car air is clean and guaranteeing your well-being. It has a highly efficient purifying function.

nanoe™ X technology is based on a multitude of hydroxyl radicals grouped into water droplets that inhibit viruses, transforming their protein.

Furthermore, the high level of air renewal in a lift reduces the risk of exposure. The greater the lift ventilation rate, the lower the accumulated dose to which passengers will potentially be exposed.

^{* 1}) nanoe™ X is a registered trademark of Panasonic Corporation.

^{* 2}) Test results may vary according to the exposure area and air quality. Further information at www.orona-group.com/int-en/custom-made-solution/



Anti-bacterial car walls

The innovative materials used on the lift surface keep your lift car clean, thanks to the antibacterial surface.



Antimicrobial handrails

The handrail is the element used to facilitate access to the lift car, which is why we protect our handrails with an antimicrobial treatment that prevents both bacteria and viruses.

A space with universal accessibility

Orona Next includes accessibility elements to ensure that your lift is a universal space, so that it can be used by everyone in safe, comfortable conditions and in the most natural and independent manner.

Included features • Accessibility pack



PRECISE STOPPING

Optimises accessibility when entering or exiting the lift.



INDUCTIVE/ ACOUSTIC COUPLING

For people with hearing disabilities.



BRaille PUSH BUTTON



CAR PUSH BUTTON

Model with additional contrast.



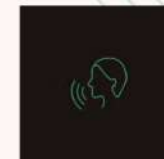
CAR AND LANDING GONG

Notification of the lift reaching its destination through acoustic and visual signal.



ERGONOMIC HANDRAIL

Heights appropriate for users either standing or in wheelchairs.



MULTILINGUAL VOICE SYNTHESISER

Announces floor level, direction of travel and door operation.



SAFETY MIRROR ON THE BACK WALL

Facilitates detection of obstacles when exiting.



PHOTOELECTRIC CURTAIN

Avoids the risk of the doors hitting, allowing a safer use of the lift.



AUDIBLE AND VISUAL PUSH BUTTON INFORMATION

Their location, design, colour and visual / tactile (Braille) / sound operation comply with the EN 81-70 standard.

Other configurable options

- Tip-up seat.
- Visible direction arrow that displays the lift's direction of travel prior to its departure.
- Rear-view mirror.

Minimum car dimensions

We have cars with dimensions in accordance with EN 81-70. Consult standard dimensions tables.

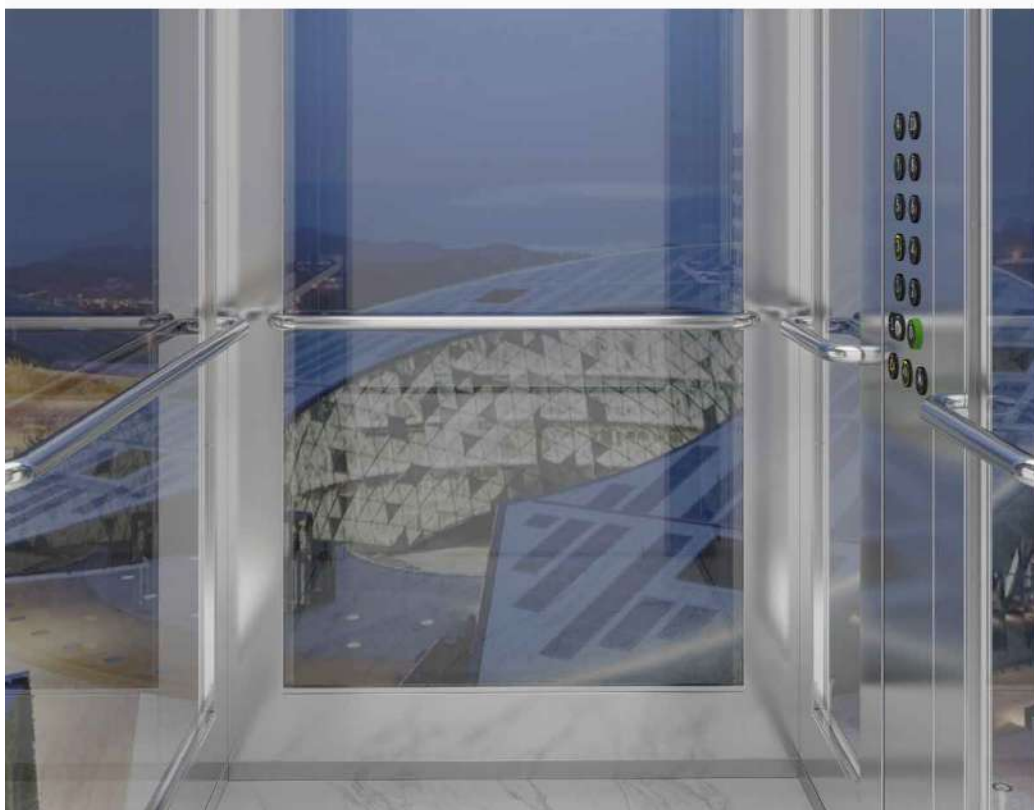
Discover the **beauty** in the details.

Quality involves fighting time to maintain the aesthetics and functionality of the lift for as long as possible.

The only way to respond to this challenge is through smart design and excellent quality materials.

When a person enters our lifts, this condition must be present throughout their trip.

All good things last longer.



We comply with the highest standards of **quality**.



1. **AVANT-GARDE MATERIALS**

Our cars are configured with the highest quality and performance components. Compact core laminate panels with improved durability.



2. **ACCESSIBILITY EN 81-70**

Compliance with the most demanding accessibility regulations. Through car and door dimensions combined with other advanced safety and communication elements.



3. **IMPROVED CAR DESIGN**

The car structure allows obtaining better surface usability, maintaining the resistance level with an optimised weight.

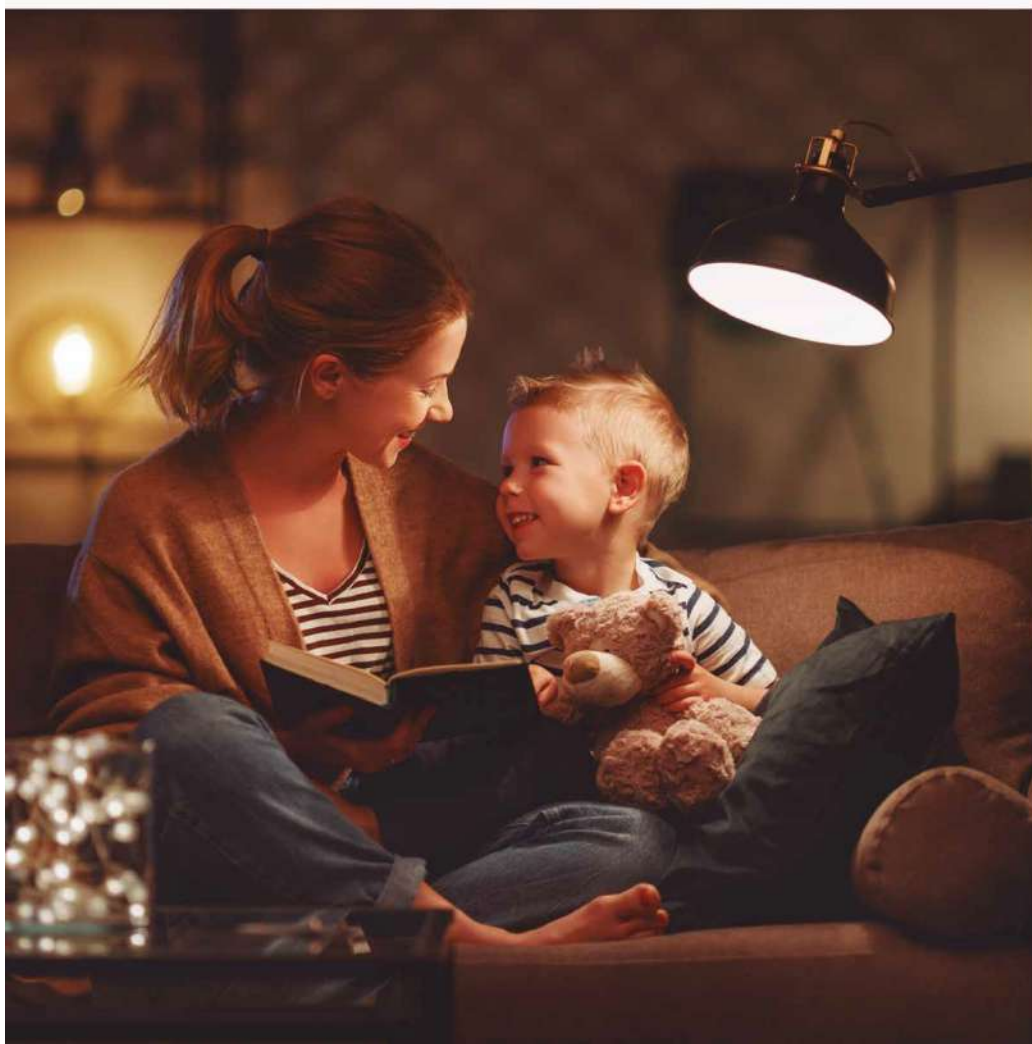


4. **SUSTAINABLE DESIGN**

Reduced environmental impact thanks to the materials used, the optimisation of manufacturing processes and the energy-saving features included.

You design, and we make it possible.

We offer a wide collection of pre-designs so that you can customise your lift car to your own taste.



Unique collections to create your own lift car.

Select your preferred pre-design and customise each and every detail to your own taste, with all the options offered by **Orona Next**.



Reference

Modern and inspiring designs to meet the most functional needs. The colours on the walls bring luminosity to the car and a modern and fresh ambience.



Selection

Cars with a unique design that blend into the building's architecture, providing a touch of distinction through the combination of materials and finishes.



Premium

Spaces that blend into the most avant-garde buildings. The combination of textures and metallic finishes on the walls increases the depth of the car and generates a unique style.



Unique

Unique designs that adapt to unique settings, combining different materials such as stone, metal and glass.



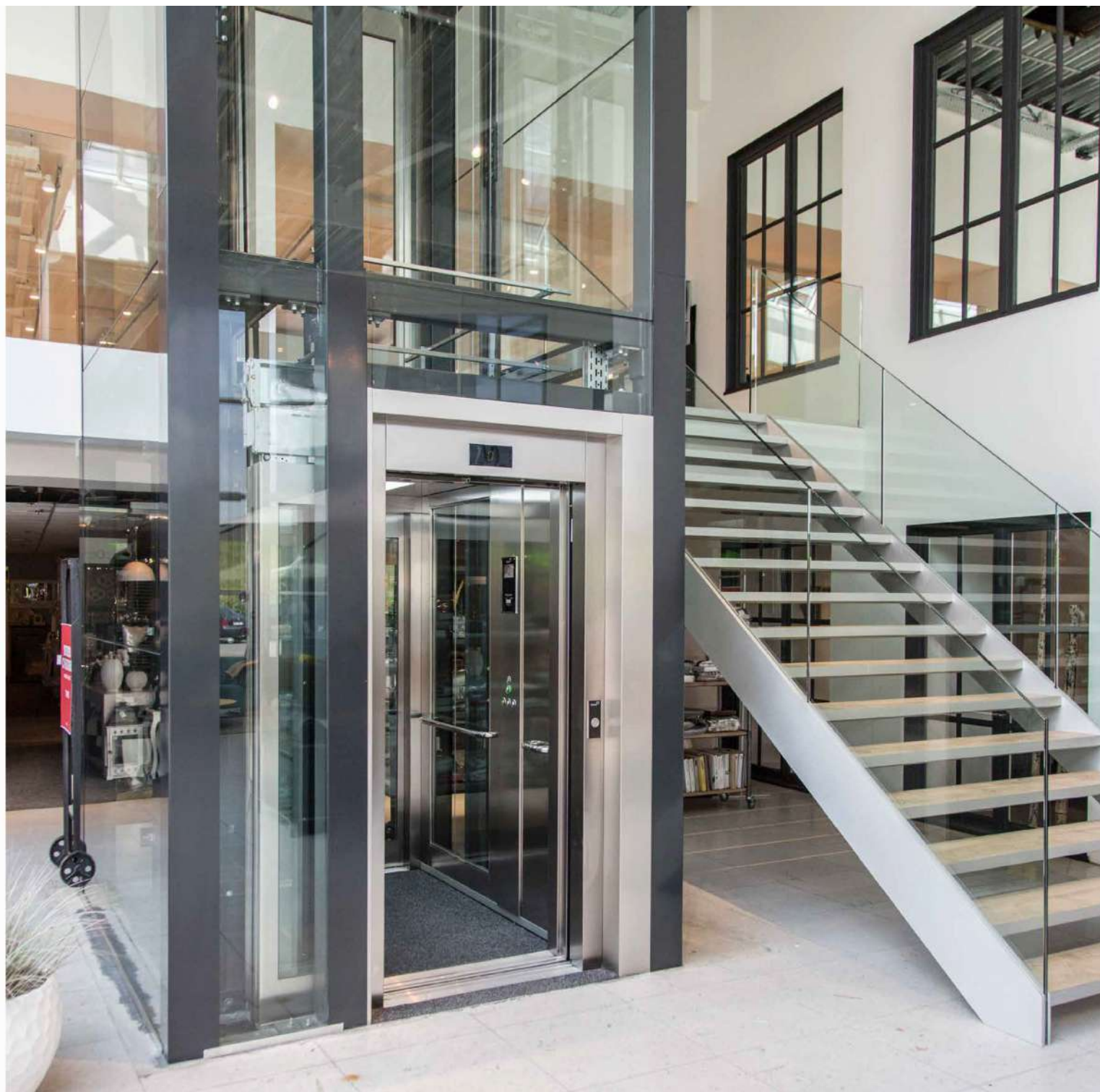






The **setting** is part of the design.

Discover our collection of glazed pre-designs, designed so that you can enjoy your surroundings.



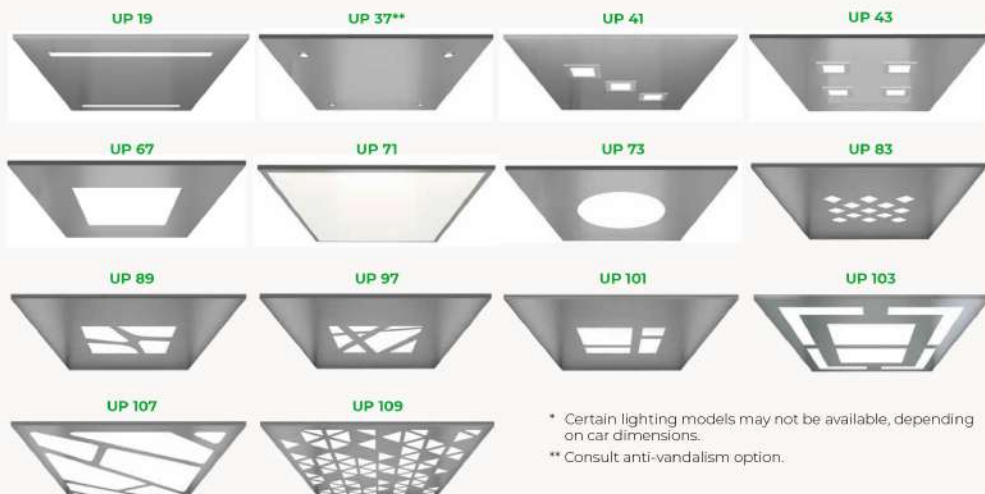
Surround yourself in light.

Configure and customise the design of the car with total freedom; combine any of the elements, adapting them to the style of your building.

Ceilings and LED lighting

Automatic lighting switch-off included

Model*



* Certain lighting models may not be available, depending on car dimensions.

** Consult anti-vandalism option.

Others

- Emergency hatch (UP 37)
- Fan

Mirrors

- MW (3/4 Mirror wide)
- MH (1/2 Mirror)
- MT (3/4 Mirror narrow)
- Rear-view mirror (EN 81-70)

Mirror finishes

- O1 Clear
- O2 Smoked

Bumrails

- Wood
- Stainless steel
- PVC
- Double bumrail

Skirtings

- SK 01 Anodized Aluminium (St St finish)
- SK 02 Lacquered Aluminium
- SK 03 Black lacquered Aluminium

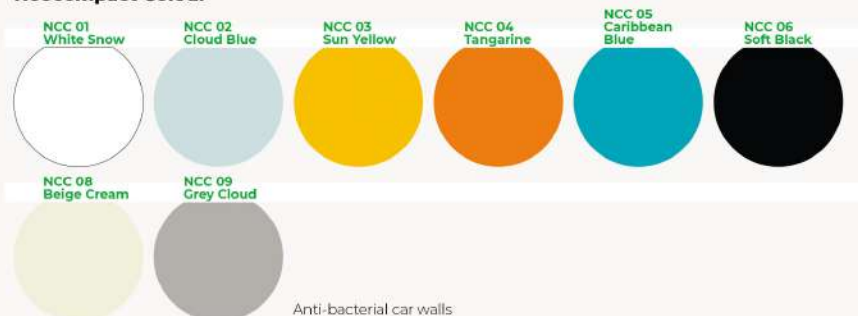
*1 Available with a 50 mm diameter

*2 Antimicrobial handrails



Car walls

Neocompact Colour



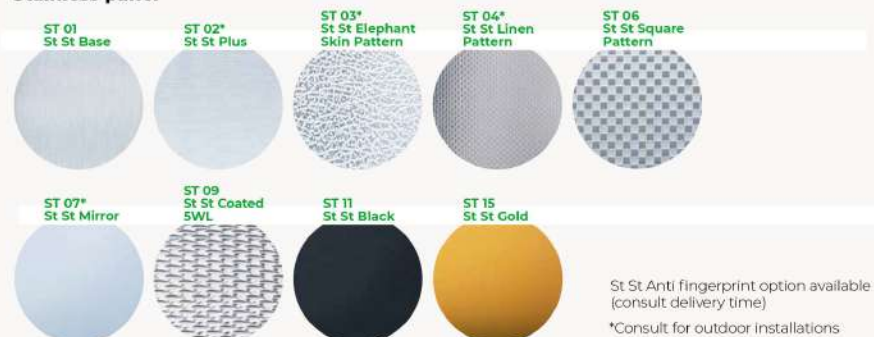
Neocompact Texture



Neocompact Wood



Stainless panel



Glass ambience



Others

- Without cladding (for local fit out)
- Tip-up seat
- 2 entrances: 90°, 180°, 270°

Car indicator



Others

- Car direction arrows
- Overload indicator (buzzer & light)
- Voice synthesizer
- Direction arrows on entrance return
- Car gong
- Inductive acoustic coupler

Landing indicator



Others

- Next departure indicator
- Landing gong

Car push buttons



Others

- Door close push button
- Key switch push button (Standard or eurocylinder)
- External call cancelling
- Coded call

Car operating panel



Landing push buttons

Frames can be combined with stainless and black stainless button panel

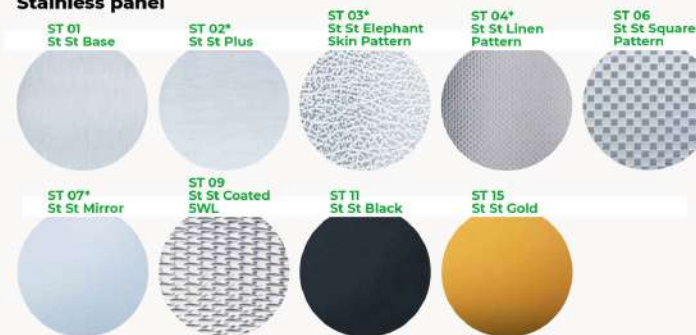


Others

- Anti-vandalism frame
- Anti-vandalism push button
- Dual lighting available: white in stand-by, blue when activated

Car operating panel material and/or ceiling and/or doors (car and landing)

Stainless panel



St St Anti fingerprint option available (consult delivery time)

*Consult for outdoor installations

Floor material

SC-PVC High



SW-Ceramics - Available subject to dimensions



ME-Other



Others

- Prepared for granite (23 mm)
- Prepared for PVC (23 mm or 3 mm in restricted pits)

The push buttons are water-resistant (IPX3 according to 60529).

For anti-vandalism lifts (Category 1), Orona also offers comprehensive solutions, which comply with the EN 81-71 standard in its entirety (push buttons, displays, doors, lighting, ceilings, walls, floors, mirrors, enclosures, etc.).

The place where ideas develop...

Orona Ideo is the place where ideas, inspiration and future innovation meet.

Orona Ideo, together with our production plant, embraces the values that underpin Orona's strategy. It's much more than a set of facilities, it is the key to developing and consolidating any idea or project.

Orona Ideo is the ecosystem that brings together all the stakeholders involved in our innovation network, companies, universities and research centres, acting as a driver for increased knowledge and idea sharing which ultimately transforms into results.

...and the place where we make them happen.

Facilities with **the largest production capacity** for complete elevators in Europe.

Orona has two production plants where manufactures equipment and provides service to customers over more than 100 countries in the world.

These production plants are organized in self-managed factories where each of them incorporates its own engineering, procurement logistics, material transformation and quality control..

All the components of the elevator are fully produced in these production plants, ensuring that the whole lift is shipped completely.

This makes us **No. 1 in complete lift production capacity in Europe**, with 30,000 lifts per year.



Orona Next, we elevate your travel experience.

We are living in an increasingly global and digital world, a world in which the physical distance between people can be overcome thanks to technological development, which brings them closer together.

Just imagine having a partner who gives you access, in advance, to disruptive elements that make a difference, who guarantees you an innovative and competitive product, today and tomorrow. A partner who offers you a close involvement at all stages of the process, with comprehensive advice that takes you to the next level.

Orona Next is born, the platform for mobility solutions for people in buildings, which every day fulfils Orona's goal of bringing people together and shortening the distances that separate them. A platform of lift solutions, with a wide range of options to suit your needs.

DESIGNED TO TAKE CARE OF YOU

Solutions that contribute to your well-being on board our lift cars, because our aim is to bring people together and shorten distances, looking after you and your loved ones throughout your trip.

A UNIVERSAL ACCESSIBILITY SPACE

Accessibility elements to ensure that your lift is a universal space, so that it can be used by everyone in safe, comfortable conditions and in the most natural and independent manner.

WE PUT ALL OUR ENERGY AT THE SERVICE OF SUSTAINABILITY

We design and integrate all systems to reduce the energy consumption of your solution, thinking about today and tomorrow, because sustainability is a part of who we are.



All our energy at the service of sustainability.

We have reduced energy consumption by up to 75%.

At Orona, we work responsibly and sustainably throughout the whole value chain, designing environmentally-friendly mobility solutions and promoting the development of a circular economy.



Class AAA solutions for all categories.

As a result of the high energy performance achieved by LED lightning and the standby mode system, **Orona Next** solutions have been granted class AAA energy certification in agreement with VDI/ISO standards.

We were the 1st company in the sector to receive Eco-design certification ISO 14006

Since 2008, the year in which we started to eco-design lifts according to UNE 150301, we have accumulated milestones and experience in eco-efficiency, reflecting our commitment to sustainability.



Environmental Product Declaration

Our **Orona Next** models have Environmental Product Declarations (EPD) certified under standard ISO 14025. We make information related to the environmental performance of our products available to you, based on a Life Cycle Analysis (LCA) performed according to the Eco-design standard ISO 14006.

Organisational Carbon Footprint

As part of our commitment to Sustainability, we have Carbon Footprint certification according to ISO 14064, and we exercise transparency in relation to the emission of greenhouse gases resulting from our activity. Thus, we assume the yearly commitment to reduce emissions in our whole value chain.

Alternatives for reducing energy consumption by your lift.

1. ORONA GRID REGEN. ENERGY REGENERATION SYSTEM.

- Every time the car goes up with a light load or down with a heavy one, instead of consuming it, the lift motor generates energy.
- The energy generated by the lift can be used by other devices connected to the same network or (depending on the country) returned to the network, reducing consumption and contributing to cost savings.

2. GEARLESS LOW-ENERGY DRIVE

- Our machine has one of the highest energy efficiencies in the market, reaching 90% performance.

3. EFFICIENT LED LIGHTING AND AUTOMATIC CAR LIGHTING SWITCH-OFF

- Orona solutions include these two features out of the box, saving up to 80%.
- Its useful life is up to 10 times longer.

4. LIFT STANDBY MODE

- When the lift is on stand-by:
 - Car digital elements and signalling are dimmed.
 - The power elements (frequency inverter) switch to stand-by mode.
 - The car fan switches off.



Be **free**: choose the solution that best meets your needs.



Model	Description of solution groups	Speed	Load Capacity		Maximum travel		Entrances	
		m/s	kg	persons	m	stops	2x180°	2x90°
Orona Next Essentia	Functionality and comfort within your reach	1	320-400-450-630	4-5-6-8	40	14	○	○
Orona Next Smart	Customised comfort	1-1.6	320 to 1000	4 to 13	50-60	21	○	▪
Orona Next Smart+	Quicker, stronger, taller	1-1.6	630 to 2500	8 to 33	50-75	32	○	▪
Orona Next Rise	Solutions for high-rise buildings	1.75-2.5	450* to 1600	6* to 21	130	64	○	
Orona Next Flex	Fits in any shaft	1	180 to 630	2 to 8	40	14	○	○

*Consult technical specifications ○ Optional

Essentia

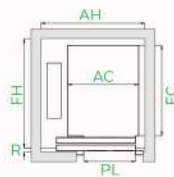
Functionality & comfort within your reach.

Our best-selling solution.

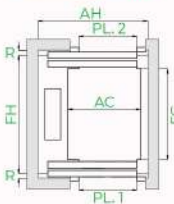
General Specifications

Load	320 - 400 - 450 - 630 kg 320 - 450 kg (Single-phase)
Capacity	4 - 5 - 6 - 8 Kg 4 - 6 persons (Single-phase)
Speed	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
Clear door opening	700 / 800 / 900 mm
Door Height	2,000 / 2,100 mm
Car Dimensions	Standard
Internal Car Height	2,100 / 2,200 mm
Power Supply	Three-phase / Single-phase

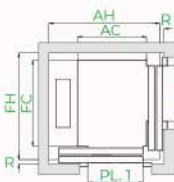
1 Entrance



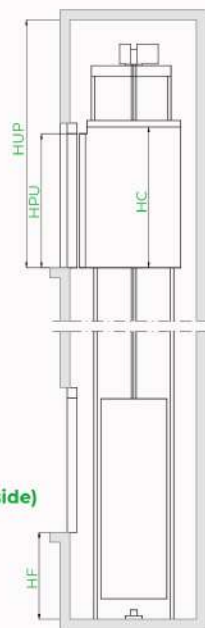
2 Entrances (open through)



2 Entrances (front & side)








Vertical section



*Note: The diagrams are for guidance only.



Standard dimensions*

Load / Capacity		Car (mm)			Lift Shaft ^a (mm)							
							2-panel side-opening doors		2-panel centre-opening doors			
 Persons	Q Load	AC Width	FC Depth	PL Clear opening	Entrances		AH ¹ Width	FH ² Depth	AH Width	FH ³ Depth	HF Pit	HUP Head-room
					Accessibility	No. of entrances						
4	320 kg	825	1,100	700	-	1 2x180°	1,325	1,350	1,600	1,300	1,000 (850) ⁴	3,400
						2x90°	1,450	1,500	-	1,400		
5	400 kg	850	1,200	800	-	1 2x180°	1,370	1,450	-	-		
						2x90°	1,535	1,600	-	-		
6	450 kg	1,000	1,250	800		1 2x180°	1,500	1,500	1,800	1,450		
						2x90°	1,625	1,500	-	-		
			1,300			1 2x180°	1,550	1,550	1,800	1,500		
						2x90°	1,625	1,700	-	1,600		
8	630 kg	1,100	1,400	900		1 2x180°	1,600	1,650	2,000	1,600		
						2x90°	1,725	1,800	-	-		
		1,200			1 2x180°	1,700	1,500	2,000	1,450			
					2x90°	1,825	1,650	-	1,550			

0 Minimum plumb measurements.

1 Accessible space below the pit (Counterweight with safety gear) add 50 mm to AH.

2 R=60 mm, lift shaft depth with 2-panel side-opening doors, resting 60 mm on the landing.

3 R=40 mm, lift shaft depth with 2-panel central-opening doors, resting 40 mm on the landing.

4 HF reduced pit optional 850 mm.

5 Minimum HUP for internal car height (HC) of 2,100 mm. HUP reduced headroom optional only for 6 and 8 persons.

6 For 1100 x 1400 mm cars, cases without safety room EN81-21, minimum HUP of 2500 mm internal car height (HC) of 2000 mm. Check minimum height of headroom in case of central opening doors. Not compatible with accessible space below the pit (counterweight with safety gear).

7 Not available 2x90° with big doors.

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



1

MRL

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



2

Optimised passenger unit

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



3

Accessible space below the pit

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



4

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.



5

Drive

Compact, quiet, gearless, energy-efficient, inverter-drive permanent-magnet motor electrical machine.



6

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.



7

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.



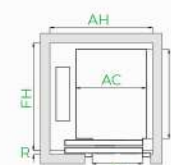
Smart Customised comfort

Solution that can be adapted to all types of buildings and users. A sure investment to meet the needs of each of your projects.

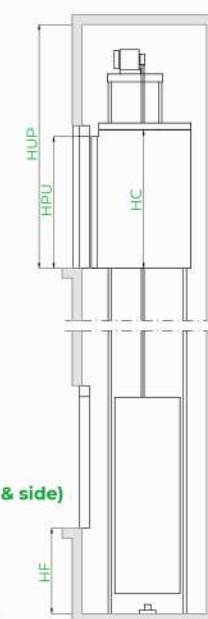
General Specifications

Load	320 to 1,000 kg
Capacity	4 to 13 persons
Speed	1 - 1.6 m/s
Maximum Travel	50 - 60 m
Maximum Floors Served	16 - 21 floors
Machine-room Option	Yes
Entrances	1 Front 2 Open through 2 Front & side (>700kg)
Drive System	Regulated gearless (240 stars per hour)
Controller	ARCA III controller, low energy consumption multiprocessor
Door Types	Automatic side-opening Automatic centre-opening
Clear door opening	From 700 to 1,000 mm (at intervals of 100 mm)
Door Height	2,000 / 2,100 / 2,200 / 2,300 mm
Car Dimensions	Parametric
Internal Car Height	2,100 / 2,200 / 2,300 / 2,400 mm

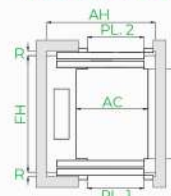
1 Entrance



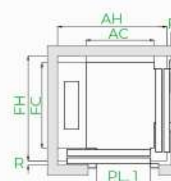
Vertical section



2 Entrances (open through)










2 Entrances (front & side)



*Note: The diagrams are for guidance only. Dimensions for 1 entrance. Car width and depth variable, in 5 mm increments. For simplification, table samples show increments of 100 mm.

Customised solution, examples of dimensions*

Load / Capacity			Car (mm)					Lift Shaft° (mm)						
								Two-panel side-opening doors		2-panel central-opening doors				
Speed	Persons	Q Load	AC Width	FC Depth	PL Clear opening	Entrances		AH¹ Width	FH² Depth	AH Width	FH³ Depth	HF Pit	HUP⁴ Headroom	
						Accessibility	No. of entrances							
1 m/s	4	320 kg	825	1,100	700	-	1 2x180°	1,300	1,350 1,500	-	-	1,000 (830)⁴	3,400	
	6	450 kg	1,000	1,250	800		1 2x180°	1,450	1,500 1,650	1,725	1,450 1,550		3,400 (3,050)⁶	
	8	630 kg	1,100	1,400	900		1 2x180°	1,600	1,675 1,850	1,925	1,625 1,750			
	10	800 kg	1,350⁷	1,400	900	-	1 2x180°	1,825	1,675 1,850	1,925	1,625 1,750			
	13	1,000 kg	1,600⁸	1,400⁸	1,000		1 2x180°	1,970	1,685 1,850	1,650	2,045 1,625			
						-	2x90°	2,075	1,675 1,850	2,150	1,625 1,750			
							-	2x90°	2,045	1,885	-			-
							1 2x180°	2,375	2,300					
1.6 m/s	4	320 kg	825	1,100	700	-	1 2x180°	1,325	1,350 1,500	-	-	1,120		3,550
	6	450 kg	1,000	1,250	800		1 2x180°	1,475	1,500 1,650	1,725	1,450 1,550			
	8	630 kg	1,100	1,400	900		1 2x180°	1,625	1,675 1,850	1,925	1,625 1,750			
	10	800 kg	1,350	1,400	900		1 2x180°	1,850	1,675 1,850	1,925	1,625 1,750			
	13	1,000 kg	1,600	1,400	1,000		1 2x180°	2,100	1,675 1,850	2,175	1,625 1,750			
			1,100	2,100	1,000		1 2x180°	1,775	2,375 2,550	2,125	2,300 2,400			

- 0 Minimum plumb measurements.
Accessible space below the pit
(Counterweight with safety gear), add 115 mm to AH.
- 2 R=60 mm, lift shaft depth with 2-panel side-opening doors,
resting 60 mm on the landing.
- 3 R=40 mm, lift shaft depth with 2-panel centre-opening
doors, resting 40 mm.
- 4 HF reduced pit optional 830 mm.
- 5 Minimum HUP for internal car height (HC) of 2,100 mm.

- 6 HUP optional reduced (HUP=HC+900). Consult availability of car dimensions. For 700 to 1000 kg cars, cases without safety room EN81-21, minimum HUP of 2750 mm internal car height (HC) of 2100 mm. Available HUP of 2650 mm with internal car height (HC) of 2000 mm.
- 7 For 800 Kg to 90° AC 1,325 mm.
- 8 For 1,000 Kg to 90° AC 1,400 mm FC 1,600 mm.
- 9 For 1,000 Kg to 90° PL 900 mm.

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

Customised car dimensions

													Car width												
									13	12			1,600												
									13	13	11		1,500												
									13	13	12	11	10	1,400											
									13	12	11	10	9	8	1,300										
									13	13	12	11	10	9	8	1,200									
13	13	12	11	11	10	9	8	8					1,100												
12	12	11	10	10	9	8							1,000												
11	10	10	9	8	8								900												
2,100	2,000	1,900	1,800	1,700	1,600	1,500	1,400	1,300	1,200	mm	800	900	1,000	1,100	1,200	1,300	1,400	1,500							

Car depth

Clear door opening



Drive

Compact, quiet, gearless, energy-efficient, inverter-drive permanent-magnet motor electrical machine.



Solid doors

Extra robust doors which improve sound-proofing inside and outside the lift and which are specially sized for an intense flow of people.



Parametric / Flexible

The parametric dimensions offer the possibility of adapting the lift to most potential space-based needs (optional).



Accessible space below the pit

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



Reduced headroom

Optional system that allows reducing the space required above the last floor in the building while ensuring maximum safety and protection for maintenance technicians.



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 with a more efficient and eco-friendly motor.



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.



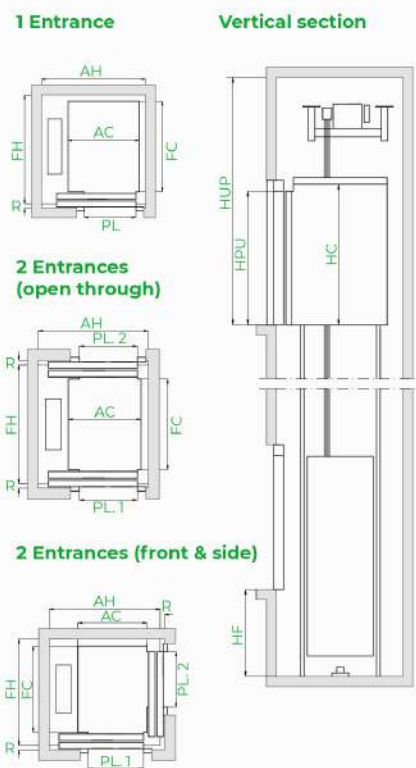
Smart+

Features that can satisfy every need.

Quicker, stronger, taller.
Reliability and durability in transport, guaranteeing the safety of all users.







General Specifications

Load	630 to 2,500 kg
Capacity	8 to 33 persons
Speed	1 - 1.6 m/s
Maximum Travel	50 - 75 m
Maximum Floors Served	32 floors
Machine-room Option	Yes
Entrances	1 Front 2 Open through 2 Front & side (<1,250kg)
Drive System	Regulated gearless (240 stars per hour)
Controller	ARCA III controller, low energy consumption multiprocessor
Door Types	Automatic side-opening Automatic centre-opening
Clear door opening	From 800 to 1,600 mm (in 100 mm increments)
Door Height	2,000 / 2,100 / 2,200 / 2,300 mm
Car Dimensions	Parametric
Internal Car Height	2,100 / 2,200 / 2,300 / 2,400 mm



*Note: The diagrams are for guidance only.
Dimensions for 1 entrance.
Car width and depth variable, in 5 mm increments.
For simplification, table samples show increments of 100 mm.

Customised solution, examples of dimensions*

Load / Capacity			Car (mm)			Lift Shaft* (mm)*								
						Side-opening doors				Centre-opening doors				
Speed	Persons	Q Load	AC Width	FC Depth	PL Clear opening	Entrance		AH ¹ Width	FH ² Depth	AH Width	FH ³ Depth	HF Pit	HUP ⁴ Head room	
						Accessibility	No. of entrances							
1 m/s	8	630 kg	1,100	1,400	900		1 2x180°	1,700	1,675 1,850	1,950	1,625 1,750	1,050	3,550	
	10	800 kg	1,350	1,400	900		1 2x180°	1,975	1,675 1,850	1,975	1,625 1,750			
	13	1,000 kg	1,600	1,400	1,000		1 2x180°	2,225	1,675 1,850	2,225	1,625 1,750			
			1,100	2,100	1,000		1 2x180°	1,775	2,375 2,550	-	-			
	17	1,275 kg	1,200	2,300	1,100		1 2x180°	1,935	2,600 2,750	-	-			
	21	1,600 kg	1,700	1,950	1,000		1 2x180°	-	-	2,450	2,200 2,300	1,150	3,600	
			1,400	2,400	1,200		1 2x180°	2,085	2,700 2,850	-	-			
	24	1,800 kg	2,350	1,600	1,200			1 2x180°	-	-	-	1,950	1,465	3,650
			2,350	1,700	1,200			1 2x180°	-	-	3,150	2,160 2,050		
	26	2,000 kg	1,500	2,700	1,300			1 2x180°	2,300	3,050 3,260	-	-		
1,800			2,700	1,300	1 2x180°	2,600		3,050 3,260	-	-				
1.6 m/s	8	630 kg	1,100	1,400	900			1 2x180°	1,725	1,675 1,850	1,950	1,625 1,750		
	10	800 kg	1,350	1,400	900		1 2x180°	1,975	1,675 1,850	1,975	1,625 1,750			
	13	1,000 kg	1,600	1,400	1,000		1 2x180°	2,225	1,675 1,850	2,225	1,625 1,750			
			1,100	2,100	1,000		1 2x180°	1,775	2,375 2,550	-	-			
	17	1,275 kg	1,200	2,300	1,100		1 2x180°	1,935	2,600 2,750	-	-			
	21	1,600 kg	1,700	1,950	1,000		1 2x180°	-	-	2,450	2,200 2,300	1,250	3,765	
			1,400	2,400	1,200		1 2x180°	2,085	2,700 2,850	-	-			
	24	1,800 kg	2,350	1,600	1,200			1 2x180°	-	-	3,150	2,050 2,260	1,600	3,790
			2,350	1,700	1,200			1 2x180°	-	-	3,150	2,050 2,260		
	26	2,000 kg	1,500	2,700	1,300			1 2x180°	2,300	3,050 3,260	-	-		
			1,800	2,700	1,300	1 2x180°		2,600	3,050 3,260	-	-			

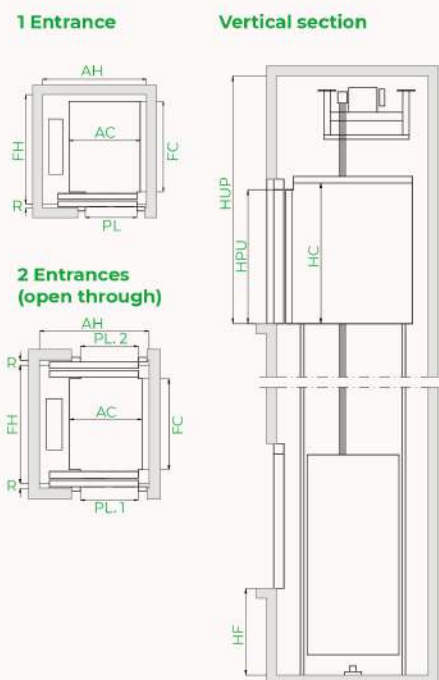
0 Minimum plumb measurements.


- 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 Minimum HUP for internal car height (HC) of 2,100 mm.

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

Guarantees comfortable and safe mobility for long travel times, improving the user experience throughout the trip.

Load	450 (MR)/630 - 1,600 kg
Capacity	6(MR)/8 to 21 persons
Speed	1.6(MR)/1.75 - 2 - 2.5 m/s
Maximum Travel	130 m
Maximum Floors Served	64 floors
Machine-room Option	Yes
Entrances	1 Front 2 Open through
Drive System	Regulated gearless (240 stars per hour)
Controller	ARCA III controller, low energy consumption multiprocessor
Door Types	Automatic side-opening Automatic centre-opening
Clear door opening	From 900 to 1,200 mm (in increments of 100 mm)
Door Height	2,000 / 2,100 / 2,200 / 2,300 mm
Car Dimensions	Parametric
Internal Car Height	2,100 / 2,200 / 2,300 / 2,400 mm



Load / Capacity			Car (mm)			Lift Shaft ^o (mm)*								
						Side-opening doors				Centre-opening doors				
Speed	Persons	Q Load	AC Width	FC Depth	PL Clear opening	Entrance		AH ¹ Width	FH ² Depth	AH ¹ Width	FH ² Depth	HF Pit	HUP Head-room	
						Accessibility	No. of entrances							
1.75 m/s - 2 m/s - 2.5 m/s	8	630 kg	1,100	1,400	900		1	1,850	1,900	1,950	1,800			
							2x180°	2,000	1,950					
	10	800 kg	1,350	1,400	900		1	2,100	1,900	1,800	1,685 ⁴			
							2x180°	2,000	1,950					
	13	1,000 kg	1,600	1,400	1,000		1	2,350	1,900	1,800	1,790 ⁵			
							2x180°	2,000	1,950	2,150 ⁶				
			1	2,100	1,000		1	1,850	2,400	2,350		4,430 ⁷		
							2x180°	2,550	2,450		4,570 ⁸			
	17	1,275 kg	2,000	1,400	1,100		1	2,800	1,900	1,800				
							2x180°	2,000	1,950		4,800 ⁹			
			1	2,300	1,100		1	2,000	2,600	2,550	1,905 ⁴			
							2x180°	2,750	2,650		2,005 ⁵			
	21	1,600 kg	2,100	1,600	1,100		1	2,900	1,950	1,900				
							2x180°	2,100	2,050	2,150 ⁶				
			1	2,400	1,200		1	2,200	2,700	2,650				
							2x180°	2,850	2,750					

- | | |
|---|---|
| <p>0 Minimum plumb measurements.</p> <p>1 Considered without safety gear at counterweight (35 mm clearance to door frame).
In the case of safety gear at counterweight (98 mm clearance to door frame).</p> <p>2 Lift shaft depth with door tracks projecting 60 mm on the landing (adapted to space 50).</p> <p>3 Lift shaft depth with door tracks projecting 40 mm on the landing (adapted to space 34).</p> <p>4 (1.75m/s, Q≤1250kg) HF minimum (HF=BC+1585) Table BC=100</p> <p>5 (2m/s, Q≤1250kg) HF minimum (HF=BC+1690) Table BC=100
(2m/s, Q>1250kg) HF minimum (HF=BC+1905) Table BC=100</p> | <p>6 (2.5m/s) HF minimum (HF=BC+2050) Table BC=100</p> <p>7 (1.75m/s) Minimum HUP (HUP=HCext+2130) *Table HC=2,300, with sliding shoes.</p> <p>8 (2m/s) Minimum HUP (HUP=HCext+2270) *Table HC=2,300.</p> <p>9 (2.5m/s) Minimum HUP (HUP=HCext+2500) *Table HC=2,300.</p> <p>* The information is not contractually binding and is subject to the conditions of the shaft</p> |
|---|---|

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

Car width

[illegible]

Clear door opening



1 Drive

Compact, quiet, gearless, energy-efficient, inverter-drive permanent-magnet motor electrical machine.



2 Machine room

Simplifies lift maintenance operations thanks to the space available in the room.



3 Robust lift car

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



4 Accessible space below the pit

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



5 Travel time

Special solution for buildings with long travel times.



6 Speed

Solution that reaches a greater speed, offering quicker trips for long travel times.



7 Cars

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



8 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.



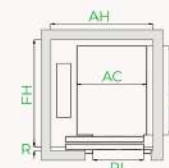
Flex Fits in any shaft.

Finite space, infinite solutions

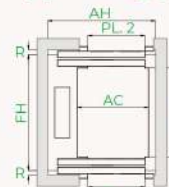
General Specifications

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

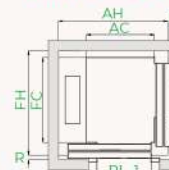
1 Entrance



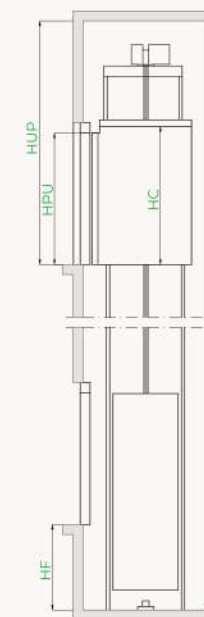
2 Entrances (open through)



2 Entrances (front & side)



Vertical section



*Note: The diagrams are for guidance only.

Options

	Next Essentia	Next Smart	Next Smart+	Next Rise	Next Flex
Eco-efficiency					
Low-energy drive	●	●	●	●	●
Efficient LED lighting	●	●	●	●	●
Automatic car lighting switch off	●	●	●	●	●
Landing illumination control	○	○	○	○	○
Lift stand-by mode	○	○	○	○	○
Adaptability					
Flexible controller location	○	○	○	○	○
Lift well enclosure	○	○	○	○	○
Reduced headroom (with safety space)	○	○			
Reduced pit (with safety space)	○	○			○
Accessible space below the pit	○	○	○	○	○
Single-phase supply	○				○
Control and safety					
Evacuation					
Autodialler system	●	●	●	●	●
Automatic rescue system	○	○	○	○	○
Behaviour of lifts in the event of fire (EN 81-73)	○	○	○	○	○
Connection to auxiliary power source (generator)	○	○	○	○	○
Pit water detector	○	○	○	○	○
Safety landing call cancelling	○	○	○	○	○
Firefighters lift (EN 81-72)		○	○ (>1,000kg)	○	
Access control					
Zone cancelling, coded call	○	○	○	○	○
Compulsory stop at main floor	○	○	○	○	○
External call cancelling	○	○	○	○	○
Automatic car call deletion	○	○	○	○	○
Independent entrance selection	○	○	○	○	○
Non-emergency outage	○	○	○	○	○
Emergency outage	○	○	○	○	○
Anti-vandalism (EN 81-71)		○	○	○	
Communications					
Pre-opening doors	○	○	○	○	○
Down collective control	○	○	○	○	○
Full collective control	○	○	○	○	○
Intercom system	○	○	○	○	○

Design **your own space**, because first impressions count.

Quality involves fighting time to maintain the aesthetics and functionality of the lift for as long as possible. And the only way to respond to this challenge is through smart design and excellent quality materials. When a person enters our lifts, this condition must be present throughout their trip, which is why Orona offers different ambiances. All good things last longer.

HARMONIA

Ambiances inspired by natural elements, transmitting peace and serenity.



INNOVA

Innovation applied to design, offering refreshing trips that are full of energy.



RINACCIA

Ambiances based on timeless elements of contemporary architecture, offering an elegant experience.

