

Orona 

**We give
your lift
a new life.**

CATALOGUE OF SOLUTIONS
FOR MODERNISATIONS

We develop solutions to **connect** people.

All trips home should be like this: quick, safe and comfortable.

It's seven o'clock in the evening and you're coming home after a long day. This time, you know that when you press the button, you will have a lift that will take you on a comfortable journey, with a car that offers you a renewed, welcoming and inspiring space.

We bring you **Orona Next**[®], the platform of mobility solutions for people in buildings, which makes it possible for Orona to fulfil its aim each and every day: to bring people together and to shorten the distances separating them. A platform of solutions to modernise your lift, providing a range of options to suit your needs.

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.

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 UNIVERSALLY 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.



All our energy at the service of sustainability.

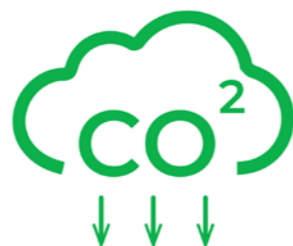
We have reduced energy consumption by up to 75%.

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.

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.

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.

- When the car is going up with a small load or when it is going down with a large load, the lift motor generates energy instead of consuming it.
- The energy generated by the lift can be used by other devices connected to the same grid or (depending on the country) returned to the grid, 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.

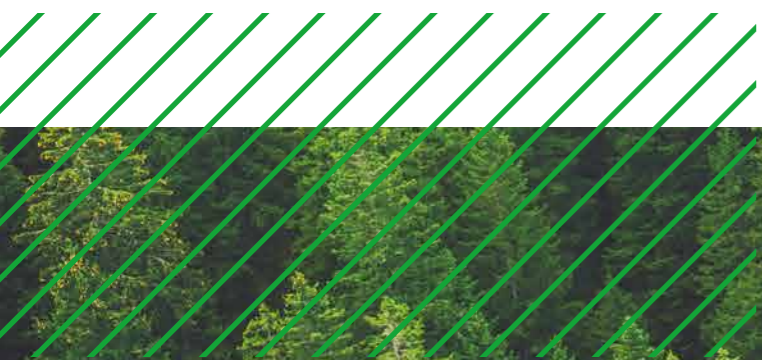


3. EFFICIENT LED LIGHTING AND AUTOMATIC CAR LIGHTING SWITCH-OFF

- By installing these two elements, you can save up to 80%.
- Its useful life is up to 10 times longer.

4. LIFT STAND-BY 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.



From now on, nothing will be **the same.**

Modernising your lift is about increasing the value of your building, optimising energy consumption and improving your user experience on every journey. It is changing one part to transform the whole. You only have to tell us what you need and leave it in our hands.

Orona's technical department researches and implements technological innovations that contribute to improving the resident's experience: comfort, lift performance or energy saving is quality of life. Our aim is to modernise your lift installation to increase the value of your building and ensure your comfort.



CONTROL AND SAFETY
Gains in comfort, safety and maintenance



ACCESSIBILITY
Maximum use of space. Precise levelling in the car.



DESIGN
Exclusive finishes and designs



SUSTAINABILITY
Gearless direct drive machine contributes to high energy savings



You tell us what you need and we **will take care of everything.**

From the first moment to the last **detail** we take care of everything. We dedicate a large part of our time to you enjoying yours.



1. PRE-DIAGNOSIS

We conduct a thorough review of the type of building, the condition of your equipment and your needs.



2. MODERNISATION PROPOSAL

After studying the data collected, we propose the best solution for your installation.



3. IMPLEMENTATION OF MODERNISATION

Modernisation work is carried out within the agreed deadlines, in compliance with current regulations.



4. MAINTENANCE OF THE INSTALLATION

We offer a integral service that guarantees full lift availability.



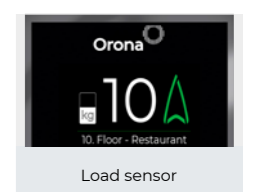
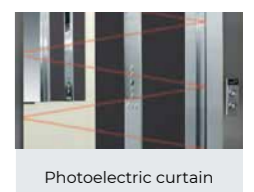
We give your lift a new life.

If your building has a lift that has aged due to use or heavy traffic, Orona suggests modernising it, so that you have a more accessible, safe and comfortable lift that will also enable you to make significant energy savings. We help you choose the solution that best meets your needs.

Modernisation of the main components

Solutions		CONTROLLER	MACHINE	CAR	LANDING DOOR	CAR DOOR
SMART COMFORT	<ul style="list-style-type: none"> • Safer, more efficient and comfortable 	●			○	○
SMART PRECISION	<ul style="list-style-type: none"> • For all audiences 	●	●		○	○
SMART AMBIENCE	<ul style="list-style-type: none"> • Design and technology travel together 	●		●	○	●
TOTAL EXPERIENCE	<ul style="list-style-type: none"> • From now on nothing will be the same 	●	●	●	○	●

Other components to be modernised



● Standard ○ Optional

Smart Comfort

More safe, efficient and comfortable.

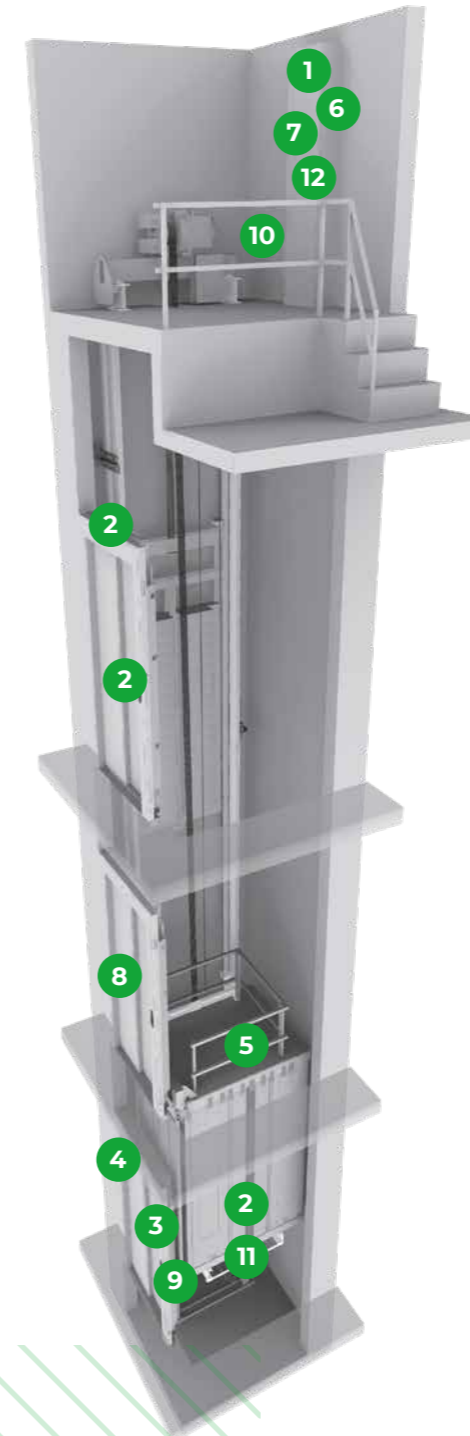
A modernisation in control and safety extends the life of your lift by providing convenient, reliable and energy-saving operation at the touch of a button.

- With the Smart Comfort solution we reduce energy consumption, both for our models and those of other brands.
- Our solution is designed for all people, so it has auditory, visual and Braille information. In addition, it has a "Ready for" concept, which allows functions to be easily incorporated at a later date through its electronic architecture.
- Whether it is a high or low traffic building, our controller adapts to the different needs, thanks to the multiple layouts of intelligent traffic management.
- Enjoy the peace of mind of being able to connect at any time to the Orona Contact Centre (24h - 365 days), thanks to autodialler.

Car and landing indicators and controls.

Along with the controller, the car and landing controls and indicators have been modernised.

The lift is installed with more modern and reliable systems that comply with the strictest regulations. Controls and indicators can include options that are easily programmable at the request of the client.



1 Cutting-edge controller
Controls and routes all lift processes and systems combining innovation, control and communication for all of the lift's systems. State-of-the-art technology with better performance that works with other components quickly to ensure ongoing smooth operation and peace of mind for users.

2 Signalling controls In car and on landings
Wide range of highly resistant car indicators that provide guidance in emergency situations and adapt to the needs and expectations of the traveller.

3 Autodialler system
Constant communication system connects with the help and rescue service, allowing anyone caught in a lift to report the situation from inside the car. The autodialler system is equipped with a periodic checking mechanism and is connected to a 24-hour call centre (complying to EN 81-28).

Standard

4 Photoelectric curtain
Presence detection system that generates a network of invisible infrared rays, avoiding the risk of collision when the automatic doors are closing.

5 Efficient lighting and automatic car switch-off
LED lighting system in the car. When the car is idle, an automatic switch-off occurs with a programmable time delay, which prolongs the life of the lamps and allows significant energy savings.

6 Lift stand-by mode
The lift's stand-by system allows the installation's power consumption to be reduced by shutting down the regulator and the car and landing's digital elements during idle periods.

7 Orona Phone
Mobile telephone service specifically designed for use in lifts of all brands with the latest communication technology. It offers greater security in the installation, guaranteeing the connection of the car with the Orona Contact Centre.

8 Landing door

10 Governor

12 Automatic rescue system

9 Car door

11 Car floor

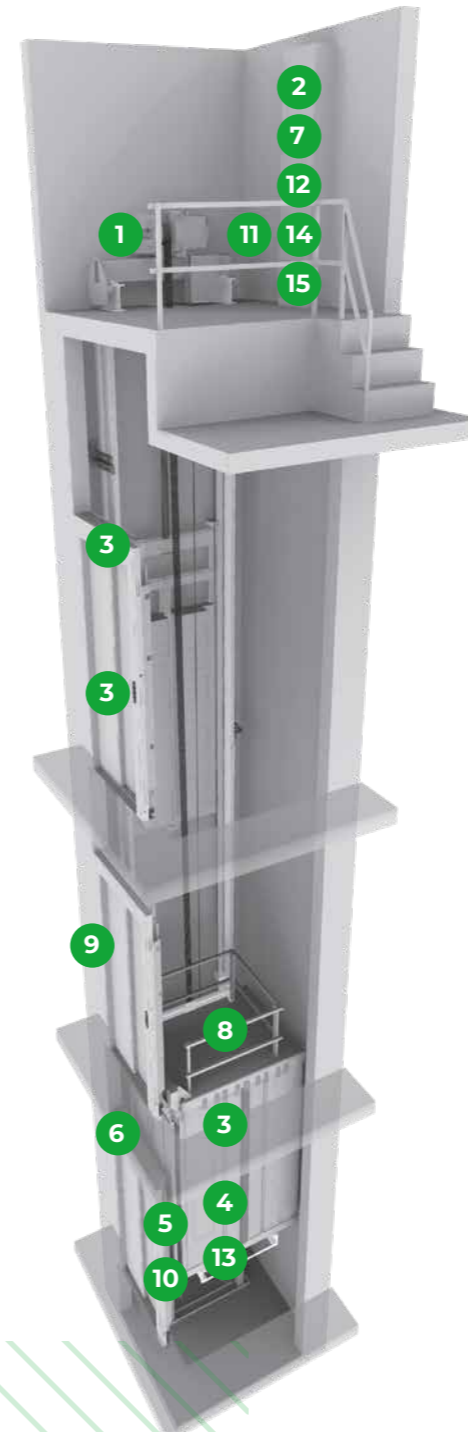
Optional

Smart Precision For all audiences.

We transform your lift into an accessible place, taking care of the levelling of the car so that, whether you are pushing your baby's pushchair or need a wheelchair to move around, you can do so comfortably.

- Installing an Orona controller with the latest technology ensures that you can count on your lift when you need it with total guarantee.
- Thanks to the Smart Precision solution, your car and the floor you are driving to will be perfectly level, so you can move around in complete safety. In addition, for a comfortable ride, our machine controls the speed electronically, ensuring perfect acceleration management through Frequency Regulation.
- Our products reflect our commitment to environmental sustainability, which is why we have a synchronous motor, without gearbox, which in addition to offering quieter operation, does not require oil and has lower energy consumption.

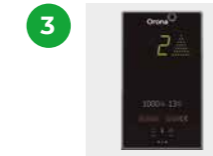
With the Smart Precision solution you can travel from home to street level to improve the accessibility of your building. In addition, we comply with the compensatory measures according to EN 81-21 and offer solutions for reduced pits.



Gearless direct drive machine
Quieter, more efficient and with far better life cycle than traditional geared machines, allowing savings in consumption as well. Their electronic speed control ensures a smooth and comfortable ride.



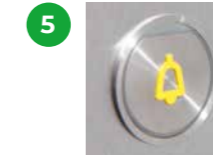
Controller at the forefront of technology
The cutting-edge controller is designed based on the most demanding accessibility requirements. Totally adaptable, offering maximum versatility in a wide range of situations, in travel, position and type of doors, and/or stops.



Car and landing indicators and controls
As an integral part of the controller's distributed electronics, the car and landing indicators and controls incorporate an electronic circuit with light indicators to make them easy to see.

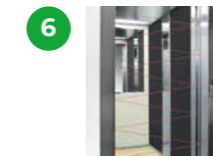


Load sensor
In the event of a car overload, the doors reopen, preventing the lift from moving. At the same time, a light and sound indicator are activated to notify users.

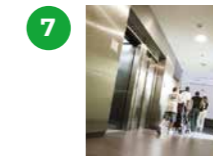


Autodialler system
Constant communication system connects with the help and rescue service, allowing anyone caught in a lift to report the situation from inside the car. The autodialler system is equipped with a periodic checking mechanism and is connected to a 24-hour call centre (complying to EN 81-28).

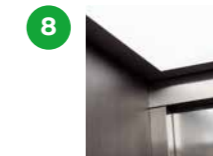
Standard



Photoelectric curtain
Presence detection system that generates a network of invisible infrared rays, avoiding the risk of collision when the automatic doors are closing.



Automatic rescue system
Battery powered electronic system that, in the event of a power failure, performs an evacuation movement to the closest floor, opening the door to free the occupants quickly and safely without causing panic.



Efficient lighting and automatic car switch-off
LED lighting system in the car. When the car is idle, an automatic switch-off occurs with a programmable time delay, which prolongs the life of the lamps and allows significant energy savings.

9 Landing door

10 Car door

11 Governor

12 Lift stand-by mode

13 Car floor

14 Orona Phone

15 Regeneration system

Optional

Smart Ambience Design and technology travel together.

Imagine a lift that has the safety and reliability of state-of-the-art technology. If we also add the comfort of travelling in a car with a renewed design that makes the most of the space available in your installation, the result is the Smart Ambience solution with which you will enjoy a totally renewed travel experience.

- Installing an Orona controller with the latest technology ensures that you can count on your lift when you need it with total guarantee. With this modernisation, in addition to having more reliable, safer and higher-performance electronics, we have renewed the entire electrical installation of the lift.
- We offer a new range of cars with multiple options to customise the car to your taste with a smart design and excellent quality materials. In addition, we comply with the compensatory measures according to EN 81-21 and offer solutions for reduced pits.
- The Orona Next pre-designs are based on three environments:
 - **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.
- We have a wide range of cutting-edge controls and indicators with refined features and aesthetics.



1 Car with a modern and functional design
We offer a wide range of aesthetic car elements capable of satisfying the most demanding client:

- Car operating panels
- Smart push buttons
- Car floors
- Mirrors
- Handrails and finishes
- Ceilings and lighting
- Walls and linings, etc.

The wide range of materials, finishes and colours allows customisation to give the car a distinctive look.

2 Car doors
The automatic car doors open and close very smoothly by frequency variation, allowing easy and comfortable access in compliance with regulation EN 81-70.

3 Controller at the forefront of technology
The cutting-edge controller is designed based on the most demanding accessibility requirements. Totally adaptable, offering maximum versatility in a wide range of situations, in travel, position and type of doors, and/or stops.

4 Governor
If, due to a malfunction in the operation of the lift, the set car speed limit is exceeded, the governor activates the braking system automatically.

5 Efficient lighting and automatic car switch-off
LED lighting system in the car. When the car is idle, an automatic switch-off occurs with a programmable time delay, which prolongs the life of the lamps and allows significant energy savings.

6 Autodialler system
Constant communication system connects with the help and rescue service, allowing anyone caught in a lift to report the situation from inside the car. The autodialler system is equipped with a periodic checking mechanism and is connected to a 24-hour call centre (complying to EN 81-28).

7 Photoelectric curtain
Presence detection system that generates a network of invisible infrared rays, avoiding the risk of collision when the automatic doors are closing.

Standard

8 Lift stand-by mode **10 Landing door** **12 Orona Phone**
9 Load sensor **11 Automatic rescue system**

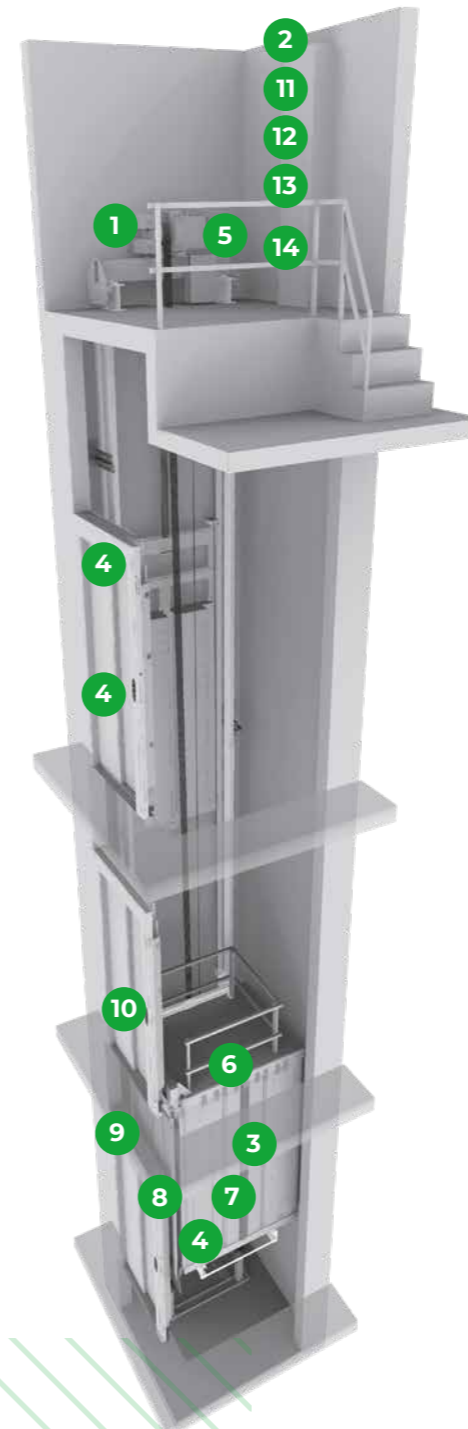
Optional



Total Experience From now on nothing will be the same.

Modernising your lift is about increasing the value of your building, optimising energy consumption and improving your experience as a user on every journey. It is changing one part to transform the whole. You only have to tell us what you need and leave it in our hands.

- With the Total Experience solution, you can count on your lift whenever you need it, thanks to Orona's state-of-the-art controller technology. With this modernisation, in addition to having more reliable, safer and higher-performance electronics, we have renewed the entire electrical installation of the lift.
- When you embark on your journey, your car and floor will be perfectly level, so you can move around safely. In addition, for a comfortable ride, our machine will control the speed electronically, ensuring perfect acceleration management.
- Inside the car, you can enjoy a design with multiple options based on three inspiring environments:
 - **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.
- We have a wide range of cutting-edge controls and indicators with refined features and aesthetics.



1



Gearless direct drive machine

Quieter, more efficient and with far better life cycle than traditional geared machines, allowing savings in consumption as well. Their electronic speed control ensures a smooth and comfortable ride.

2



Controller at the forefront of technology

The cutting-edge controller is designed based on the most demanding accessibility requirements. Totally adaptable, offering maximum versatility in a wide range of situations, in travel, position and type of doors, and/or stops.

3



Car and car door

The parametric cars, with a modern and attractive aesthetic are suited to any dimension and building requirements. The automatic car doors open and close very smoothly by frequency variation, in compliance with regulation EN 81-70.

4



Car and landing indicators and controls

As an integral part of the controller's distributed electronics, the car and landing indicators and controls incorporate an electronic circuit with light indicators to make them easy to see.

5



Governor

If, due to a malfunction in the operation of the lift, the set car speed limit is exceeded, the governor activates the braking system automatically.

6



Efficient lighting and automatic car switch-off

LED lighting system in the car. When the car is idle, an automatic switch-off occurs with a programmable time delay, which prolongs the life of the lamps and allows significant energy savings.

7



Load sensor

In the event of a car overload, the doors reopen, preventing the lift from moving. At the same time, a light and sound indicator are activated to notify users.

8



Autodialler system

Constant communication system connects with the help and rescue service, allowing anyone caught in a lift to report the situation from inside the car. The autodialler system is equipped with a periodic checking mechanism and is connected to a 24-hour call centre (complying to EN 81-28).

9



Photoelectric curtain

Presence detection system that generates a network of invisible infrared rays, avoiding the risk of collision when the automatic doors are closing.

Standard

10 Landing door

12 Automatic rescue system

14 Regeneration system

11 Lift stand-by mode

13 Orona Phone

Optional

Options

	Smart Comfort	Smart Precision	Smart Ambience	Total Experience
Eco-efficiency				
Efficient LED lighting	○	○	●	●
Automatic car lighting switch-off	○	○	●	●
Lift stand-by mode	○	○	○	○
Energy regeneration		○		○
Frequency variation control	○	●	○	●
Adaptability				
Wide-framed door	○	○	○	○
Reduced pit			○	○
Control and safety				
Automatic rescue system	○	○	○	○
Photoelectric curtain	○	○	○	○
Connection to auxiliary power source (generator)	○	○	○	○
Pit water detector	○	○	○	○
Firefighters lift options	○	○	○	○
Fire resistant landing doors	○	○	○	○
Behaviour of lifts in the event of fire (EN 81-73)	○	○	○	○
Load sensor	○	●	○	●
Access control				
Zone cancelling. Coded call	○	○	○	○
Automatic car call deletion	○	○	○	○
Forced closure (Nudging feature)	○	○	○	○
Anti-vandalism push button solution	○	○	○	○
Pre-opening doors	○	○	○	○
Communications				
Intercom system	○	○	○	○
Autodialler system	●	●	●	●
Orona Phone	○	○	○	○

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.

- Over 5,500 professionals
- Number 1 in production capacity in Europe for complete lifts
- Over 60 years' experience
- Direct presence in 12 countries and export to over 100 countries.
- 2 production plants
- 2% investment in innovation
- In the top 5 of lift companies in Europe



... and where we make them happen.

Our values make us different.

INNOVATION >>

creativity, audacity, vision... our approach to sustainable innovation.

PROACTIVITY >>

is resolving mobility challenges in short distances through our products and services platform.

CLOSENESS >>

to customer service and to the user experience. Closeness is the way we express that caring for people comes first.

COMMUNITY >>

it is the people that surround us, the environment in which we move, the place we serve. We collaborate to create a future without forgetting our origins. An organisation that puts the customer at the centre of what we do.



+30,000
units per year
production
capacity

N°1
in complete
lift production
capacity
in Europe

+60
years of
experience

+300,000
lifts worldwide with
Orona technology

ORONA