

ACCESSIBILITY CATALOG

Residential lift

Lifting your quality of life

grupo
excelsior



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Residential Lifts

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*Each customer, each project, each need is different.
Our solutions are too.*



Accessibility for disabled people or those with reduced mobility has become a priority, and all the buildings that are now built must comply with the associated regulations.

One of top priorities is to eliminate the existing architectural barriers. It is a very important factor in existing buildings, and the current regulations are aimed at making all areas accessible.

Our priority is to improve the quality of life of people with reduced mobility and the lives of seniors, by coming up with the most appropriate accessibility solution that adapts to the needs of each customer as best as possible.

We analyze all the spaces available, to be able to come up with the best option and therefore eliminate any architectural barrier.



RESIDENTIAL

Lift

CUSTOM DESIGNED LIFTS

To provide maximum comfort

Designed and made to adapt to the most challenging residential areas in line with their aesthetics.

They are governed by the regulations of the Lift Directive and they comply with all the existing safety regulations.

Unleash your creativity and design the lift to your liking, by discovering an endless world of possibilities and finishes.

Lifts manufactured following the Lift Guidelines 2014/33/UE and following the safety and building rules EN 81-20, EN 81-21, EN 81-70.



GFR2 Residential

The design of this lift helps make the most of the space available. All types of entrances are possible, **single or double sided**, both **90°** and **180°**, due to the layout of the machinery.

This lift has a 2:1 electric drive and a single-phase motor without a machine room (gearless type) at 230 V., which consumes the minimum, to provide the maximum comfort.

It can be plugged in just like any household electrical appliance.

No additional space is needed seeing as the machinery is located inside the shaft and the control panel is installed in a small vertical cabinet beside the door on the top floor.

Its motor can carry **up to 450 Kg.** to a height of 5 floors, even with glass cabins, at a speed of up to 0.20 m/s.

Technical specifications

- Maximum useful load: 450 Kg.
- Speed: 0.20 m/s.
- Single-phase power: 1.8 kW.
- Power: 230 V.
- Maximum travelling: 12 m. (4 stops).
- Pit: min. 300 mm / max. 1400 mm.
- RLS (safety pit travel) min.: 3400 mm.
- Swing landing doors.
- Cabin door: bus.
- Height of the doors: 2000 mm.
- Width of the doors: 800 mm.
- Width of the cabin: 1000 mm.
- Depth of the cabin: 1000 mm.
- Non-slip cabin floor.
- Simple and double-sided entrance at 90° and 180°.

Options

- Automatic swing landing door.
- Automatic landing doors.
- Automatic cabin doors.
- Artificial stone flooring.
- Custom cabin size.
- Single-phase motor: up to 0.63 m/s.
- Three-phase motor: 1 m/s.
- More than 4 stops.

Safety systems

- Emergency braking system.
- Overspeed control.
- Anti-electric failures protections.
- Alarm in case of entrapment.
- Bidirectional communication system.
- Cabin anti-drift system.

GFR2-PLUS Residential

It has the same features as its twin brother GFR2, with our GFR2-Plus lift the load can be increased significantly, so **up to 600 Kg can be carried on 4 floors** without changing its power source supplied through a power socket at 230 V, which is connected to the mains.

Ideal for residential and luxury housing where the aesthetic requirements have an essential role.

We make customized cabins for our customers without having to reduce their load capacity.

Maximum comfort and aesthetics adapted to the tastes of the customer with maximum power and a lift speed of 0.20 m/s.

Technical specifications

- Maximum useful load: 600 Kg.
- Speed: 0.20 m/s.
- Single-phase power: 2.9 kW.
- Power: 230 V.
- Maximum travelling: 12 m. (4 stops).
- Pit: min. 300 mm / max. 1400 mm.
- RLS (safety pit travel) min.: 3400 mm.
- Landing doors: automatic.
- Cabin door: automatic.
- Height of the doors: 2000 mm.
- Width of the doors: 800 mm.
- Width of the cabin: 1100 mm.
- Depth of the cabin: 1400 mm.
- Non-slip cabin floor.
- Simple and double-sided entrance at 90° and 180°.

Options

- Artificial stone flooring.
- Custom cabin size.
- Single-phase motor: up to 0.63 m/s.
- Three-phase motor: 1 m/s.
- More than 4 stops.

Safety systems

- Emergency braking system.
- Overspeed control.
- Anti-electric failures protections.
- Alarm in case of entrapment.
- Bidirectional communication system.
- Cabin anti-drift system.



The design of this lift helps make the most of the space available.

Single or double sided lift entrances at both **90°** and **180°** are available, due to the layout of the machinery.

It provides maximum comfort, without a machine room and it can be connected to the mains.

No additional space is required for either the machinery, which is located inside the shaft, or for the control panel, which installed in a small vertical cabinet beside the door on the top floor.

Especially recommended for apartment blocks where the existing distance between the landing on the top floor and the bottom part of the roof is less than 2800 mm.

Technical specifications

- Maximum useful load: 450 Kg.
- Speed: 0.20 m/s
- Single-phase power: 1.8 kW.
- Power: 230 V.
- Maximum travelling: 12 m. (4 stops).
- Pit: min. 300 mm / max. 1400 mm.
- RLS (safety pit travel) min.: 2800 mm.
- Swing landing doors.
- Cabin door: bus.
- Height of the doors: 2000 mm.
- Width of the doors: 800 mm.
- Width of the cabin: 1000 mm.
- Depth of the cabin: 1000 mm.
- Non-slip cabin floor.
- Simple and double-sided entrance at 90° and 180°.

Options

- Automatic swing landing door.
- Automatic landing doors.
- Automatic cabin doors.
- Artificial stone flooring.
- Custom cabin size.
- Single-phase motor: up to 0.63 m/s.
- Three-phase motor: 1 m/s
- More than 4 stops.

Safety systems

- Emergency braking system.
- Overspeed control.
- Anti-electric failures protections.
- Alarm in case of entrapment.
- Bidirectional communication system.
- Cabin anti-drift system.



RESIDENTIAL

Lift

LIFT SOLUTIONS

With the utmost simplicity

We manufacture and install lifts in residential buildings where it is required to provide a simple building accessibility solution.

It is another way to make a home accessible.

The main difference with the lifts is how fast and simple it is to install them. They are especially recommended for single-family homes.

These lifting devices are unlike lifts because they are governed by different regulations and they require less maintenance work.

All our lifts are made in accordance with the Machinery Directive **2006/42/CE** and the resulting harmonised regulation: **EN 81-41:2010**. *“Vertical lifting platforms intended for use by persons with impaired mobility”*.



HYDRAULIC RESIDENTIAL LIFT **MINILIFT-H**



The MINILIFT-H residential lift is a very simple hydraulic lift, which is designed so that people with reduced mobility can overcome the existing architectural barriers.

The button has to be pressed continually while these hydraulic lifts are moving and they have very simple cabins.

It makes a home accessible at a very reasonable price, and it can be installed in the smallest of spaces.

The maximum height it can travel is the equivalent of 4 stops or 12 meters at a speed of 0.15 m/s.

Technical specifications

- Maximum useful load: 385 Kg.
- Speed: 0.15 m/s
- Single-phase power: 2.2 kW.
- Power: 230 V.
- Suspension 1:1 Direct telescopic:
 - Maximum travelling: 3200 mm.
 - RLS (safety pit travel): 2450 mm.
- Suspension 2:1 Inverted telescopic:
 - Maximum travelling: 12000 mm.
 - RLS (safety pit travel): 2600 mm.
- Pit: 150 mm.
- Swing landing doors.
- It does not have cabin doors.
- Non-slip cabin floor.
- Simple and double-sided entrance at 90° and 180°.
- Audible stairlift floor call.
- Powder paint in RAL colour 7035.
- The button has to be pressed continually while the lift is moving.

Options

- Automatic swing landing door.
- Cabin and landing key switch.
- Other RAL colours.

Safety systems

- Automatic power failure rescue device.
- Electric safety locks.
- Photocell.
- Bidirectional communication system.
- Emergency lighting.
- Alarm in case of entrapment.
- Load weighing system with a light sensor in the cabin.
- Rupture valve.

HYDRAULIC RESIDENTIAL LIFT **ECO-EXCEL**



The **ECO-EXCEL** residential lift model is a hydraulic lift that has all the features of a conventional lift.

It has a limited load capacity of up to **385 Kg**.

It is recommended for private buildings or homes seeing as its maximum speed is **0.15 m/s** and it is intended for moderate use.

Available with single or double sided doors at **90°** and **180°**.

The maximum height it can travel is the equivalent of **4 stops** or **12 metres** at a speed of **0.15 m/s**.

— Especificaciones Técnicas

- Maximum useful load: 385 Kg.
- Speed: 0.15 m/s.
- Single-phase power: 2.2 kW.
- Power: 230 V.
- Suspension 1:1 Direct telescopic:
 - Maximum travelling: 3200 mm.
- Suspension 2:1 Inverted telescopic:
 - Maximum travelling: 12000 mm.
- RLS (safety pit travel): 2600/2650 mm.
- Pit: 150 mm.
- Swing landing doors.
- Non-slip cabin floor.
- Simple and double-sided entrance at 90° and 180°.
- Maintained push-button.
- Height of the doors: 2000 mm.
- Width of the doors: 800 mm.
- Width of the cabin: 1000 mm.
- Depth of the cabin: 1250 mm.

— Options

- Other cabin sizes.
- Bus or automatic cabin doors.
- Automatic swing landing door.
- Automatic telescopic double leaf landing doors.
- It moves directly with the doors in the cabin.

— Safety systems

- Automatic power failure rescue device.
- Electric safety locks.
- Photocell.
- Bidirectional communication system.
- Emergency lighting.
- Alarm in case of entrapment.
- Load weighing system with a light sensor in the cabin.
- Rupture valve.

ELECTRIC RESIDENTIAL LIFT **ECOLIFT**



This lift has been specially designed to overcome the architectural barriers of a single-family home for people with reduced mobility that do not have to use wheelchairs.

It is a domestic lift model used in private homes, to be able to connect the two floors of a house, with a run of no more than 4 metres.

Its main feature that sets it apart from the other lifts and elevators is that no structure is required, so the area is clear to walk on when the lift is not on the floor.

It moves vertically between predefined floors and it is supported by steel cables.

It does not need a pit or headroom.

It is attached to the structure of the building and it has a cabin that is completely enclosed, which moves at a speed of 0.15 m/s.

Technical specifications

- Maximum useful load: 225 Kg.
- Speed: 0.15 m/s.
- Single-phase power: 1.5 kW.
- Power: 230 V.
- Swing cabin door.
- Height of the door: 1950 mm.
- Width of the column: 938 mm.
- Depth of the column: 256 mm.
- Powder paint in RAL colour 9010.

Options

- Other RAL colours.

Safety systems

- Electric safety locks.
- Load weighing system with a light sensor in the cabin.
- Alarm in case of entrapment.
- Bidirectional communication system.
- Through-floor-hole cover and sensitive landing edge.
- Bottom safety door sill and obstacle detector to stop the lift.
- Rupture valve.



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100 years
 of experience



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