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ACCESSIBILITY CATALOG

# Automatic Hidden Ramp and Stairlift Platforms

*Lifting your quality of life*

grupo  
**excelsior**



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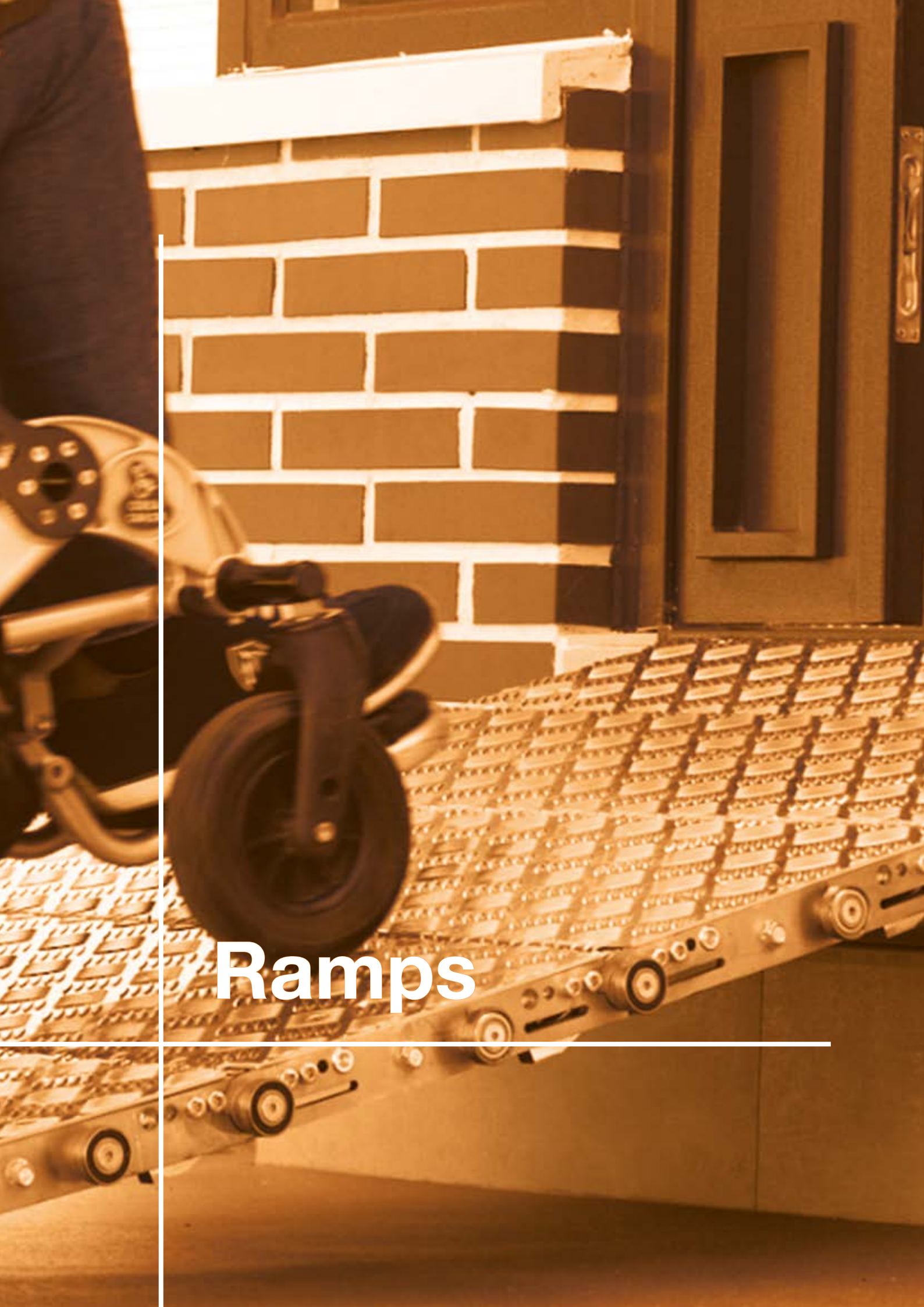
*Each customer,  
each project, each  
need is different.  
Our solutions are too.*

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



# Ramps

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ELIMINATING ARCHITECTURAL BARRIERS

## **Without any aesthetic modifications**

It is the most innovative and simple solution to go up or down one or two steps.

It does not change any existing feature in the doorway nor does it change the look of the building.

We understand how important it is to have freedom of movement and we work hard so that our customers can move around without any architectural barriers.

Our automatic hidden ramps are designed and manufactured in compliance with the European Directive on Machinery 2006/42/EC.



## AUTOMATIC HIDDEN RAMPS **EXC-R01**

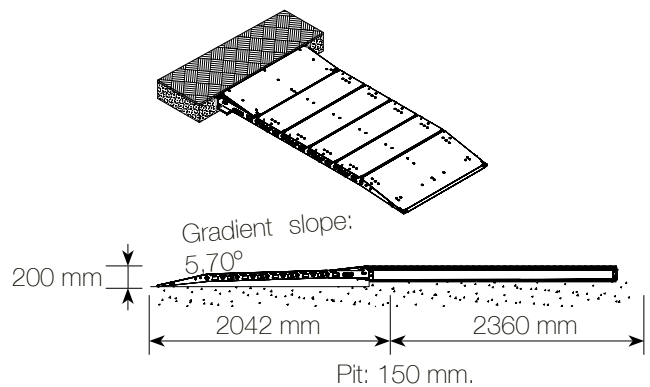


It is installed on the top step, so that it is flush with the horizontal surface, using a box that contains all the electrical and mechanical components.

It can be hidden using the existing material or even with a door mat, because it is less than 15 mm thick.

It moves out automatically, without any special wiring required.

It can carry up to 250 Kg.



### Technical specifications

- Maximum useful load: 250 Kg.
- Single-phase power: 1.8 kW.
- Power: 100-240 V.
- Ramp width: 1002 mm.
- Maximum rise: 200 mm.

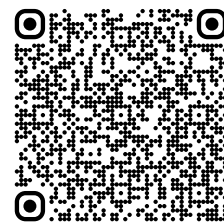
### Options

- Control knobs.
- Mobile App.
- Automatic door opening.

### Safety

- Obstacle detector.
- Side and top presence lights.
- It beeps when it folds up and unfolds.

### App available for Android and iOS



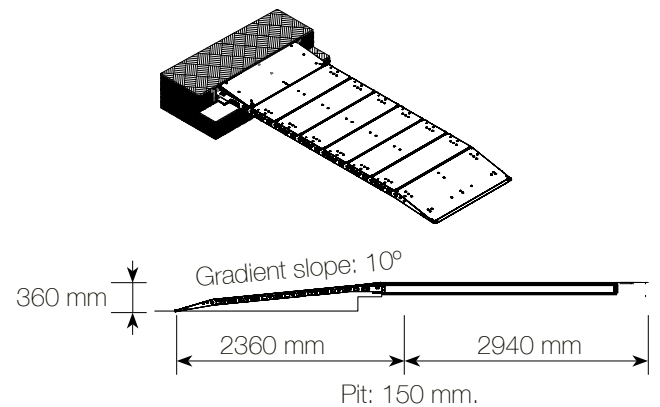
## EXC-RO2



Having the same features as its twin sister, the EXC-RO1, this Automatic Hidden Ramp model enables users to go up or down 2 steps, or even 3 if they are not too high, just like in the photograph of the example.

More space is needed for it to move out to go up and down greater heights.

It can carry up to **250 Kg.**



### Technical specifications

- Maximum useful load: 250 Kg.
- Single-phase power: 1.8 kW.
- Power: 100-240 V.
- Ramp width: 1002 mm.
- Maximum rise: 360 mm.

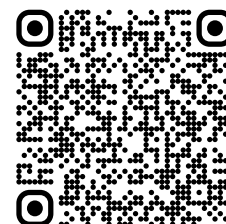
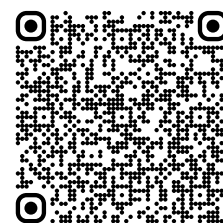
### Options

- Control knobs.
- Mobile App.
- Automatic door opening.

### Safety

- Obstacle detector.
- Side and top presence lights.
- It beeps when it folds up and unfolds.

### App available for Android and iOS







STAIRLIFT PLATFORMS

# Inclined



INCLINED STAIRLIFTS PLATFORMS

## To guarantee accessibility

Our stairlifts are designed and manufactured to promote accessibility by enabling users to go up and down any flight of stairs or height difference that exists in any type of building.

Made in accordance with the strictest quality standards, the devices are very easy to operate and they take up very little space.

They can be installed indoors or outdoors.

All our stairlifts are designed and made in accordance with the Machinery Directive 2006/42/EC and the resulting harmonised regulation: EN 81-40:2008.

*“Stairlifts and inclined lifting platforms to be used by people with reduced mobility”.*





The EXC-IRI stairlift has been especially designed to make straight stairways indoors accessible for people with mobility problems or reduced mobility and for disabled people.

Thanks to its maximum load capacity of **250 Kg** it can be used with wheelchairs.

Its design means that it can be adapted to any environment and it increases the Independence and improves the quality of life of the people that use it.

With a very compact design, it complies with the highest safety and quality standards, which guarantees a longer useful life and a reliable performance.

It takes up very little space and it keeps the stairs free of obstacles seeing as it folds up easily.

### Technical specifications

- Maximum useful load: 250 Kg.
- Speed: 0.6 m/s - 0.10 m/s.
- Single-phase power: 0.5 kW.
- Power: 230 V.
- Maximum travelling: 15 m. (2 stops).
- Stair slope: 15° - 45°.
- Size of the platform:
  - 650 x 750 mm.
  - 700 x 750 mm.
  - 750 x 900 mm.
  - 800 x 1000 mm.
- Non-slip floor.
- Simple and double-sided entrance at 90° and 180°.
- Landing key.
- Remote control.
- Foldable seat and safety belt.
- Maintained push-button.

### Options

- Front access ramp.
- Stainless steel.

### Safety systems

- Emergency braking system.
- Overspeed control.
- Emergency STOP control button.
- Anti-electric failures protections.
- Non-slip floor.
- Alarm in case of entrapment.



## INCLINED STAIRLIFT PLATFORM **EXC-IRE**



The EXC-IRE stairlift has the same features as its brother the EXC-IRI but it has been designed to be installed and used outdoors without the need for roofs or insulating structures.

### — Wireless push button panels

The push button panels on the landing are wireless, so they can be put in the most convenient place in the doorway or anywhere else at home

### — Protection cover for outdoors

We protect the stairlift from dust and the elements when it is not being used with a cover that has been especially custom-made to protect the stairlift.



## INCLINED STAIRLIFT PLATFORM **EXC-ICI**



The EXC-ICI stairlift is ideal to adapt to all kinds of stairs, regardless of whether they are straight or curved or have a change in slope.

Thanks to its maximum load capacity of **250 Kg** it can be used with wheelchairs.

Just like the stairlifts for straight stair sections, its design means that it can adapt to any environment, which increases the independence and enhances the quality of life of the people who use it.

It is ideal for buildings that have one or a few floors, the stairlift might have various stops.

Its design, which is also compact, complies with all the safety and quality standards, which guarantees a longer useful life and a reliable performance.

It takes up very little space and it keeps the stairs free of obstacles seeing as it folds up easily.

### Technical specifications

- Maximum useful load: 250 Kg.
- Speed: 0.6 m/s - 0.10 m/s.
- Single-phase power: 0.5 kW.
- Power: 230 V.
- Maximum travelling: 15 m (2 stops).
- Stair slope: 0° - 50°.
- Size of the platform:
  - 650 x 750 mm.
  - 700 x 750 mm.
  - 750 x 900 mm.
  - 800 x 1000 mm.
- Non-slip floor.
- Simple and double-sided entrance at 90° and 180°.
- Landing key.
- Remote control.
- Foldable seat and safety belt.
- Maintained push-button.

### Options

- Front access ramp.
- Stainless steel.
- Flip down rail on the track.
- Midway stops.

### Safety systems

- Emergency braking system.
- Overspeed control.
- Emergency STOP control button.
- Anti-electric failures protections.
- Non-slip floor.
- Alarm in case of entrapment.
- Protection bars.



## INCLINED STAIRLIFT PLATFORM **EXC-ICE**



The EXC-ICE stairlift has the same features as the EXC-ICI; it can be installed outdoors because it has all the necessary protection.

It is a heavy-duty machine that can withstand the elements.

— Curved stairs with various stops.

This stairlift can be used to go up and down curved stairs with various floors when a lift cannot be installed in the building.

— Protection cover for outdoors

We protect the stairlift from dust and the elements when it is not being used with a cover that has been especially custom-made to protect the stairlift.



A vertical stairlift platform is shown with its doors open, revealing the interior platform and stairs. The platform is illuminated with warm, golden light. The doors have glass panels and metal handles. The surrounding environment appears to be a stone building with a staircase.

STAIRLIFT PLATFORMS

# Vertical



VERTICAL STAIRLIFTS PLATFORMS

## **Always ready to be used**

The vertical stairlifts are the best solution for doorways into residential complexes whenever the lift cannot go down to ground or zero level.

Available in various finishes, they are always available to be used just like a conventional lift.

All our vertical stairlifts are made in accordance with the Machinery Directive 2006/42/EC.



**EXC-VR1**

This vertical stairlift platform is designed to help eliminate the architectural barriers for people with disabilities or reduced mobility.

It is an alternative way to overcome the existing problems of height differences of no more than half a metre high, and it can be installed in existing buildings, those under construction or ones that are being renovated and also as a way to access shops and business premises.

It is designed for moderate use but not excessive use because this would cause more wear and tear and therefore it would have to be serviced more frequently to prolong its useful life.

This platform moves vertically using two linear actuators that produce the movement of a simple scissor lift system.

It consists of a platform, an access ramp, side handrail and a top entrance door.

### ■ Especificaciones Técnicas

- Technical specifications.
- Speed: 0.10 m/s
- Power: 230 V.
- Total | Useable width of the platform:
  - 700 mm | 1160 mm.
  - 800 mm | 1260 mm.
- Depth of the platform: 1325 mm.
- Width of the shaft:
  - 1210 mm.
  - 1310 mm.
- Depth of the shaft: 1350 mm.
- Rise height: 500 mm.
- Height of the platform folded up: 70 mm.
- Non-slip floor.

### ■ Options

- Other non-slip floor finishes, ask your sales representative and have a look at our catalogue of non-slip floor finishes that are available.

### ■ Safety systems

- Emergency stop just in case the user observes any type of anomaly.
- The button must be pressed continually while the platform is moving, if it is released the platform stops.
- Ramp and the baseboard to stop the user falling out.
- Upper landing door.
- Non-slip ramp and floor.



## EXC-VR2 y EXC-VR3

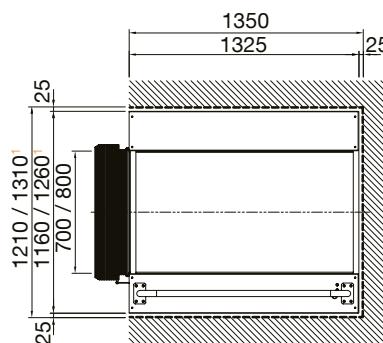
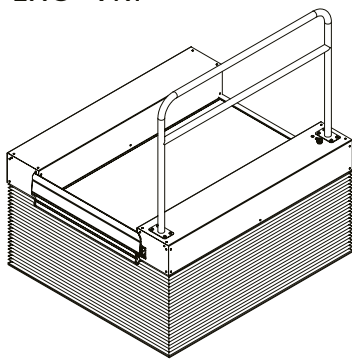


The EXC-VR2 and EXC-VR3 models are available with the same options and safety devices as the EXC-VR1 although they are different in terms of their technical specifications associated with the height of the staircase that has to be covered.

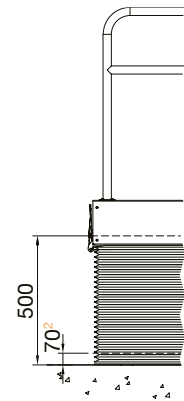
### Technical specifications

- Maximum useful load: 250 Kg.
- Speed: 0.10 m/s
- Power: 230 V.
- Useable width of the platform: 800 mm.
- Total width of the platform: 920 mm.
- Depth of the platform: 1500 mm.
- Width of the shaft: 970 mm.
- Depth of the shaft: 1525 mm.
- Rise height:
  - EXC-VR2: 880 mm.
  - EXC-VR3: 1000 mm.
- Height of the platform folded up:
  - EXC-VR2: 120 mm.
  - EXC-VR3: 140 mm.

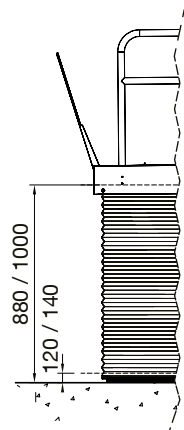
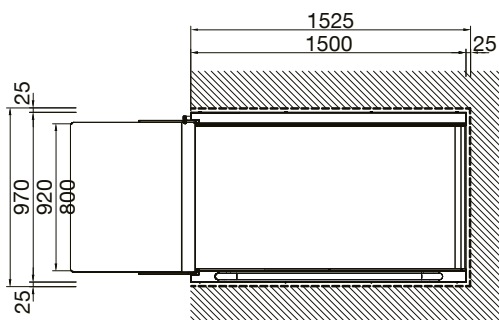
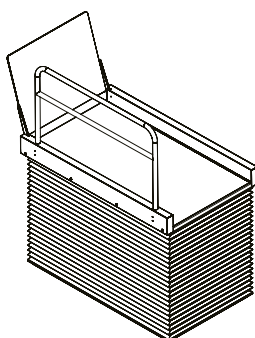
### EXC-VR1



<sup>1</sup> for a platform width of 700 / 800  
<sup>2</sup> height of the platform when folded up



### EXC-VR2 y EXC-VR3



**EXC-VH**

The EXC-VH hydraulic vertical stairlift model is designed to help people with reduced mobility overcome the existing architectural barriers in buildings.

This hydraulic platform for **non-differentiated floors** can be used to overcome height differences of up to 3 metres.

There are 4 finishes available; with a safety door sill, with bellows, with a large door downstairs and a small one upstairs or with a complete enclosure.

It can carry up to **385 Kg**, so it has the greatest load capacity out of all the stairlifts in our catalogue and therefore according to the size of the platform, it can even be used to carry people in wheelchairs and the person that is accompanying them.

### Technical specifications

- Maximum useful load: 350 Kg.
- Speed: 0.14 m/s
- Power: 230 V.
- Available sizes of the platform (mm): 900x1300 | 900x1400 | 1100x1400 | 1250x1250.
- Maximum travelling: 3000 mm.
- Suspension: 1:1 synchronized telescopic.
- Pit: 100 mm without bellows; 130-160 mm with bellows.
- Simple and double-sided entrance at 90° and 180°.
- Cabin and landing key.
- Remote control.
- Audible stairlift floor call.
- Automatic hydraulic heater unit.
- Powder paint colour RAL 7035.
- Manual swing door.
- Non-slip floor.

### Options

- Automatic side armrest.
- Automatic swing door.
- Lateral automatic ramp.
- Folding seat.
- Vandal proof phone.

### Safety systems

- Automatic power failure rescue device.
- Electric safety locks.
- Photocell.
- Mobile phone.
- Emergency lighting.
- Alarm in case of entrapment.
- Load weighing system with a light sensor in the cabin.
- Emergency braking system.



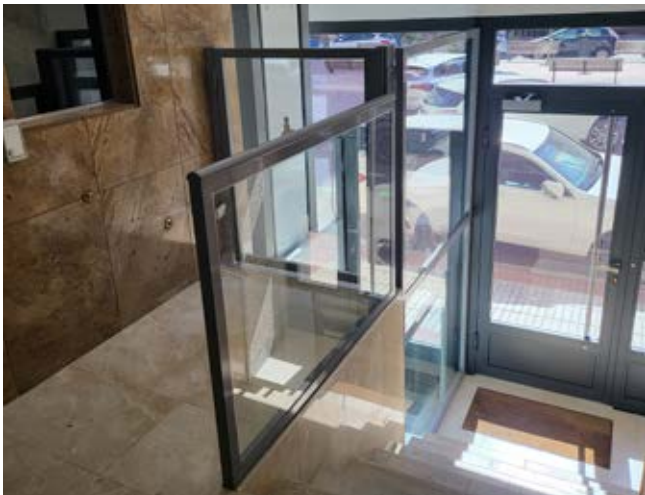
Bottom safety door sill



Bellows



Small door downstairs | large door upstairs



Completely enclosed: Large door upstairs and downstairs



For outdoors with a structure





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