



Overcoming few steps with elegance and style without creating any clutter along the staircase after use.

Maximum safety with minimum visual impact.

# HideLift

The StepLift with a sliding floor



## Pleasant and Retractable

Simple and safe in overcoming few steps without cluttering the staircase after using it, HideLift steplift is able to fit in environments with very little aesthetics effect and impact being able to disappear in the ground at the bottom floor landing.

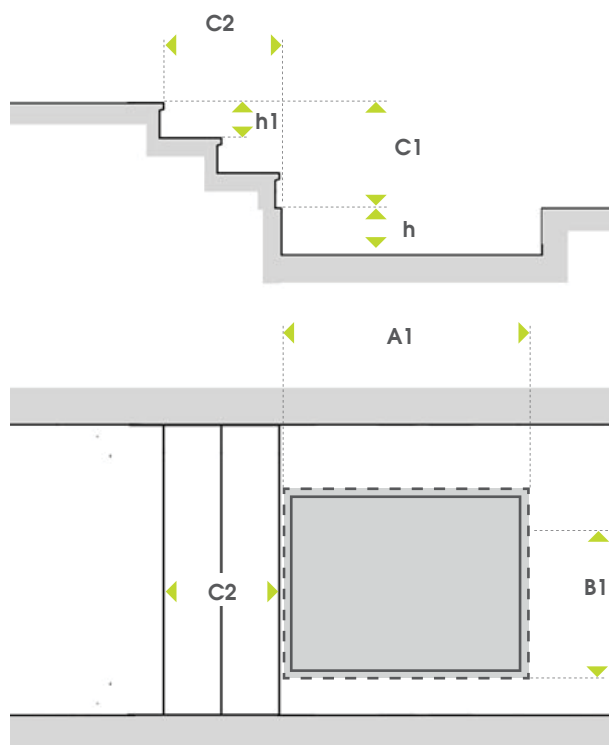
The lifting and horizontal sliding floor approaches the top landing allowing an easy access to and from the platform in total safety

The platform is surrounded by a mobile edge which is activated during the platform movements and works as a protection containment edge.

The mobile edge aligns itself to the floor when the platform is lowered in the pit leaving the passage way free after use.

Safety for the user and for the people who may find themselves near the lift during its functioning: HideLift is designed and equipped with appropriate safety sensitive edges placed on the frontal edge of the platform as well as under the platform perimenter.

HideLift is ideal for small floor differences of 3 to 4 steps ,either in internal and external environments.



### EC CONFORMITY TO EUROPEAN DIRECTIVES

Machinery Directive 2006/42/EC

E.M.C. European Directives 2004/108/EC

| Technical Data           | P110HT                                    |
|--------------------------|---|
| Rated load               | 300 Kg / 200 kg                           |
| Platform dimensions      | 1500 x 1000 mm                            |
| Net dimensions           | 1500 x 960 mm                             |
| Pit dimensions           | 1540 x 1040 mm                            |
| Vertical Travel (C1)     | 500 mm max                                |
| Traversable (C2)         | 700 mm max                                |
| Pit Depth (h)            | 265 (without bellow)<br>310 (with bellow) |
| Min. top step raise (h1) | 100 mm                                    |
| Speed                    | 1,5 m/min                                 |
| Power Supply             | 230 V Monophasic                          |
| Power Consumption        | 0,37 kW                                   |
| Protection               | IP55                                      |

The characteristics of the installation are binding on the feasibility and lift type.



## Useful Information

### Basic Equipment Model P110HT

- Top platform with horizontally sliding floor to overcome a few steps
- Containment edges, automatically raising of 70mm on three sides over the top sliding floor. The edges are forming a containment band during movements and are disappearing inside the pit when the platform is lowered
- Sensitive edge below the platform perimeter and on the frontal edge of the sliding floor
- Push button control panel placed on the platform on a column with hold to run type Up / Down controls, requiring a constant pressure, Emergency stop and activation key
- Push Button landing control panel with hold to run type Call / Return, requiring a constant pressure, and activation key
- Power unit integrated in the pit, under the platform
- Fixed platform provided with an Inspection trap door
- Separate electrical equipment housed in a wall mounting box with IP55 protection
- Power failure emergency device with buffer battery for a safe descent recovery
- Finishing: Structure in light grey colour and platform floor coated in anti-slip black rubber carpet
- Environmental service conditions: -10°C/+40°C, for internal or external environments ( not in severe nor extreme conditions)

### HideLift Optional

- Lateral handles on the sliding floor mounted on the sides of the control post
- Platform in almond aluminium

- Special layout for tiling the top platform (tiles and tiling not included):  
Platform lift rated load: 200 kg  
Fixed 15 mm edge around the top platform as tiling containing  
Pit depth : h +15 mm  
*In order to prevent possible cracking, tiling features need to be verified, specially in case of delicate materials*
- Safety bellow under the platform (on 4 sides)
- Control system by infrared remote control
- Layout for installation in external environment:  
Separated power unit, equipped with 3 m long connection hoses
- Cabinet for separated power unit



### FIXED BUTTON CONTROLS

#### On Board Push button control Panel

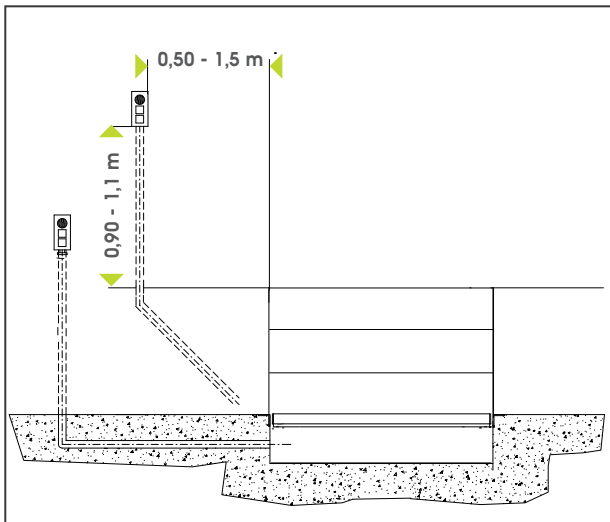
Activation key switch

Up / Down push buttons

Emergency STOP

The control panel is mounted on a column on the platform

#### Landing control panels



The positioning of the landing control panels must be in such a way to:

- allow the maximum visibility of the machine during movements
- to ensure an easy access by wheelchair user, without becoming an obstacle or creating interference during usage

**Suggested distance between 0,50 and 1,5 m**

**Suggested height between 0,90 and 1,10 m**

#### Push Button Panels:

Dimension: 65 x 80 x 170 mm

#### Controls:

Activation key switch

Up / Down push buttons

Emergency STOP

All controls related to the platform movement are hold to run, requiring a constant pressure.

### WIRELESS REMOTE CONTROLS

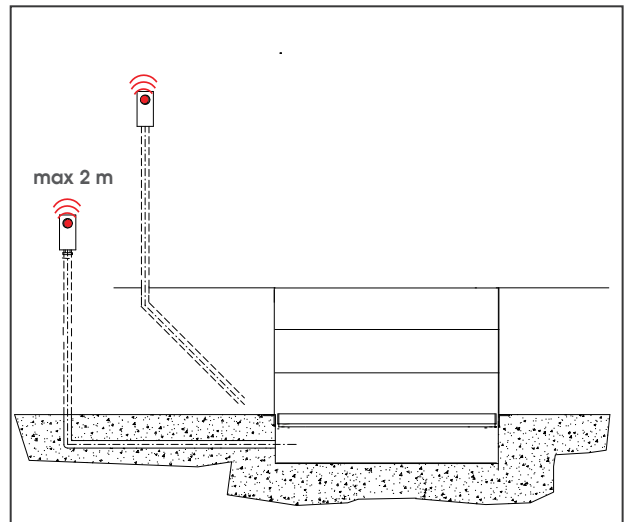


#### Infrared remote controls

Up / Down push buttons

No fixed control stations are required on board

#### Receivers for remote control panel



The position of the receiver must be in such a way to:

- allow the maximum visibility of the machine during movements and must be clear from interferences during usage
- allow the activation of the machine through the remote control either from the platform or from the landing

**Max. operating distance of the remote controls: 2m**

#### Receiver

Dimension: 70 x 70 x 51 mm

#### Controls:

Activation key switch

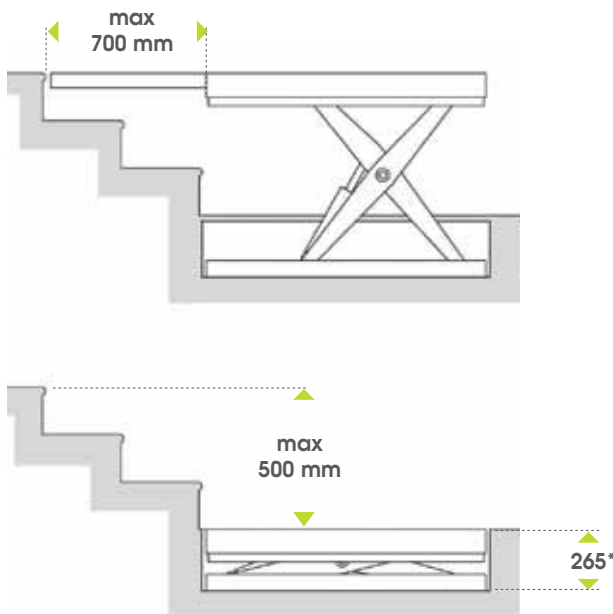
Up / Down controls operated from the remote control

Emergency STOP

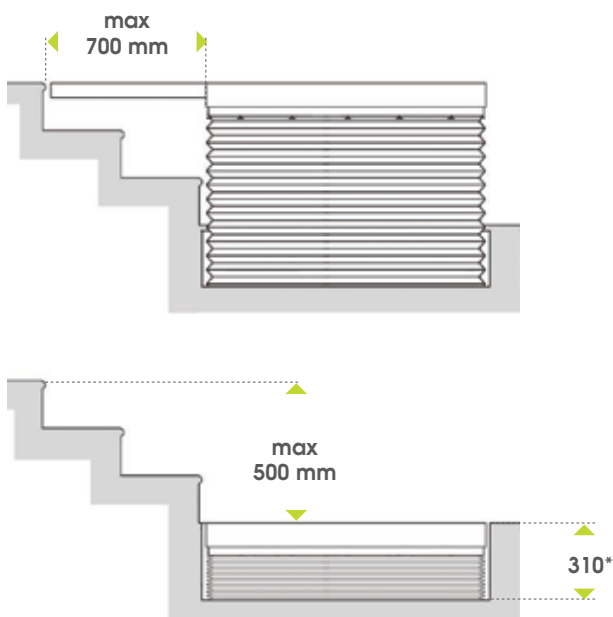
All controls related to the platform movement are hold to run, requiring a constant pressure.

## Dimension Chart 1 > General Information

### A - WITHOUT BELLOW PROTECTION

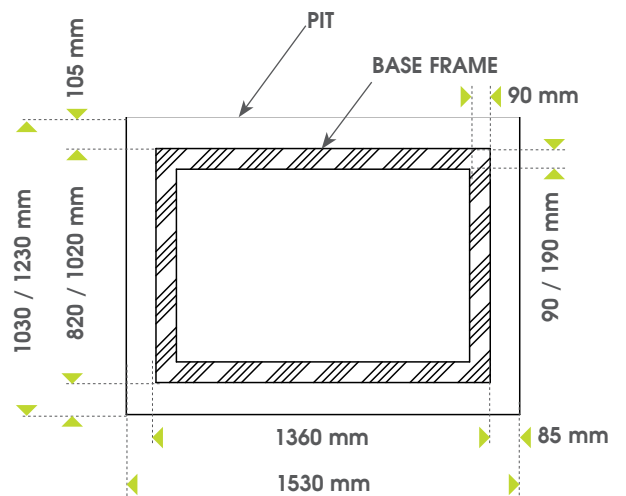
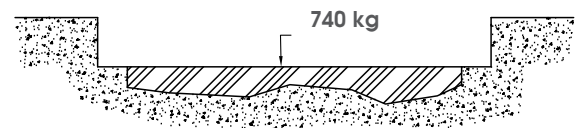


### B - WITH BELLOW PROTECTION



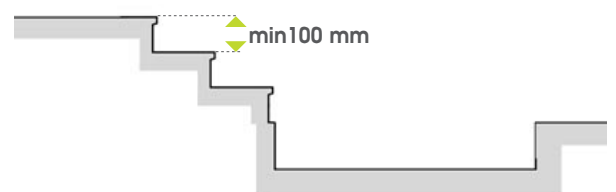
### NECESSARY REQUIREMENTS FOR PIT PLACEMENT

The support area of the pit bottom must be a flat, compact and horizontal surface. The floor of the pit must also be capable to support with safety the unit load as shown below, on the area of the base frame.



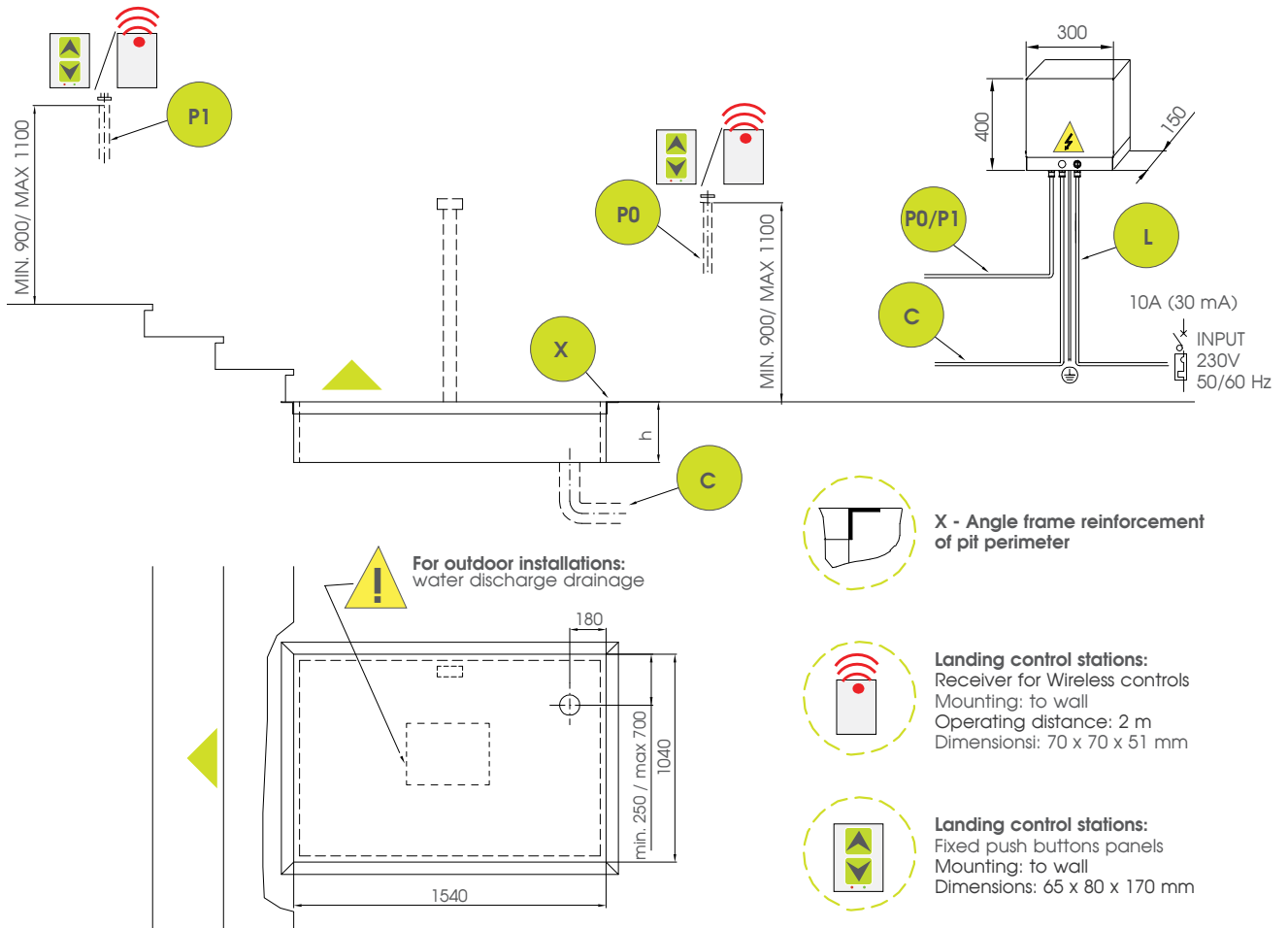
Minimum top step raise must not be less than 100mm as not to interfere with the sliding platform:

:



\* With fixed edge containment for tiling: +15mm

## Dimension Chart 2 > Preparation of the installation site > Integrated power unit



### CONNECTION PREARRANGEMENTS

#### L - Connection for the electrical power line

##### Electrical main board - Thermal magnetic circuit breaker

The customer shall provide a dedicated power line:

- INPUT 230 V 50/60 Hz
- Thermal magnetic circuit breaker (10A, sensitivity 30mA, C trip curve)
- N. 1 connection cable: 3 x 1,5 mm<sup>2</sup>
- Tube to allow the cable passage: min. diameter 30 mm
- Connection line to earth
- Power consumption: 3A, 0,37 kW

#### C - Electrical connection

##### Power unit - Electrical main board

Connection cable: 3x1,5 mm<sup>2</sup>

Standard length of the connection cable: 3 m

The customer shall provide:

- Tube to allow the cable passage: min. diameter 100 mm

#### P0 / P1 - Electrical connection

##### Landing control stations - Electrical main board

The customer shall provide a connection line for the fixed landing control stations:

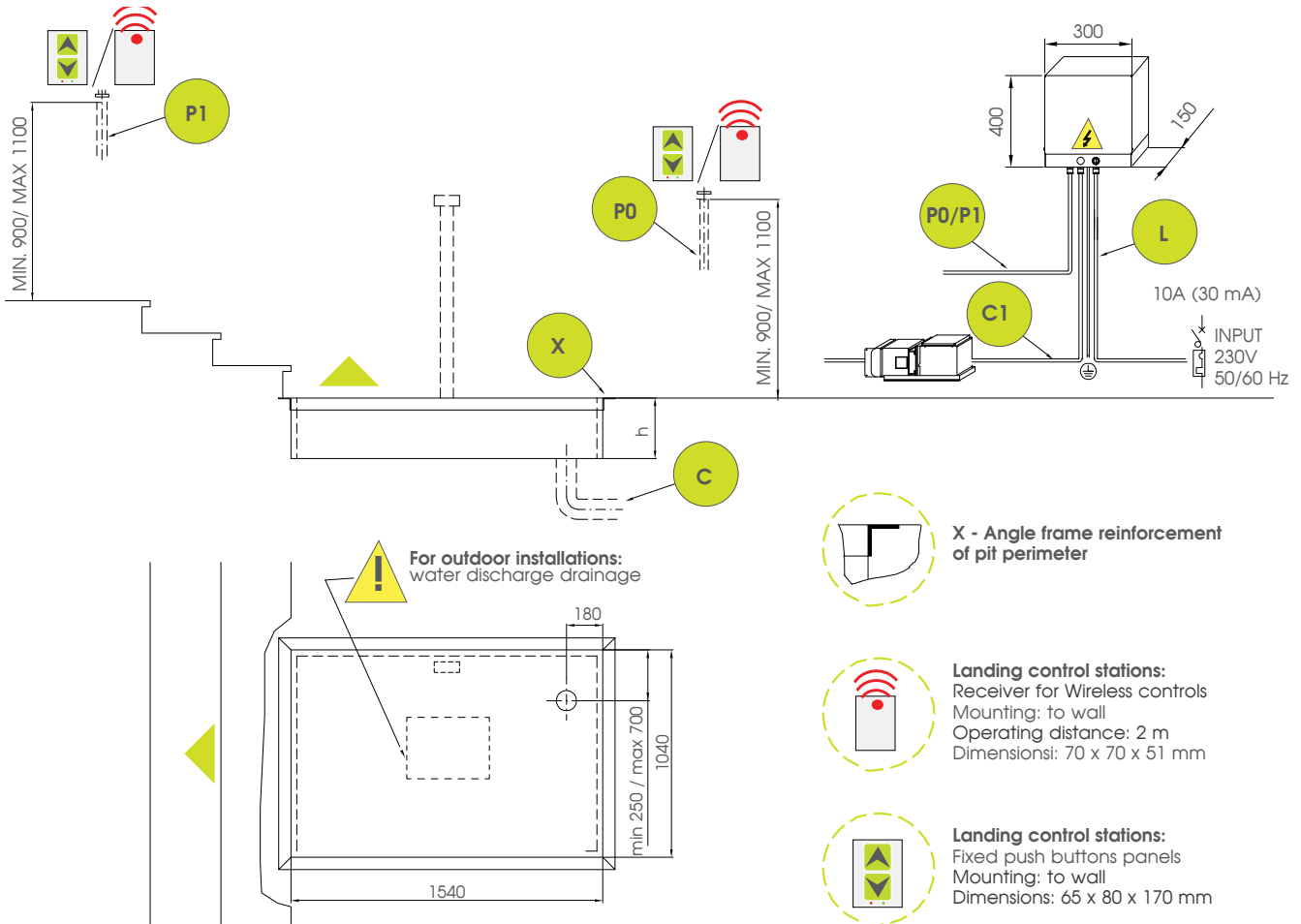
- Connection cable: 2 x 1 mm<sup>2</sup>;
- Tube to allow the cable passage: min. diameter 30 mm

##### Landing receiver - Electrical main board

The customer shall provide a connection line for the receivers for the Wireless controls

- Connection cable: 7 x 1 mm<sup>2</sup>;
- Tube to allow the cable passage: min. diameter 30 mm

## Dimension Chart 2 > Preparation of the installation site > Separated power unit



### CONNECTION PREARRANGEMENTS

#### C - Machine- Separated power unit connection

The customer shall provide

- Tube to allow passage of the hydraulic hoses and electrical cables

- Min. tube diameter: 100 mm

**Note: Standard length of the connection cables and hoses: 3 m**

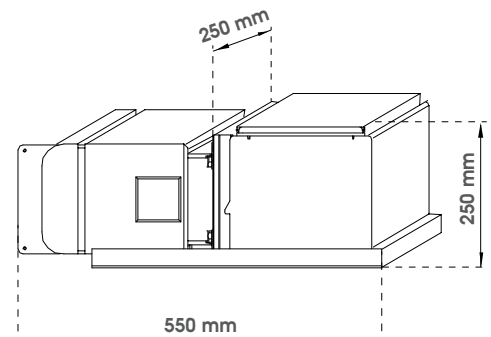
#### C1 - separated power unit - Electrical main board connection

Connection cable: 3 x 1,5 mm<sup>2</sup>

The customer shall provide

- Tube to allow passage of the cable: min. diameter 20 mm

### Separated power unit dimensions



The power unit can not be directly exposed to weather elements or humidity.  
Environmental operating conditions: Temperature between -10°C and +40°C  
If installed in a cabinet: a suitable aeration shall be guaranteed (inside temperature: max 40°C)  
Available upon request:  
Metallic cabinet to house the power unit:  
Dimensions: 800 x 600 x 400 mm

### **Manufacturing and Premises**

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Data, technical features and finishing are non-binding and may change without notice.



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