comfortLine

Moving around comfortably in the freedom of complete autonomy .
The chair stairlift, simple and essential in the figure and in use.

MaggyLift

The Chair Stairlift

maggyLift

Essential design, practical in use

The compact structure designed with an adjustable backrest and its functional features make MaggyLift a comfortable and easy proposal to overcome any kind of staircase.
Thanks to the minimal aesthetic style MaggyLift represents the perfect chairlift solution for any living space and for a simple integration in the environment.
To grant extra comfort the seat and the footrest is fitted with a synchronised tilting system: MaggyLift is easily foldable in the rest position with no need to bend over.
To facilitate the getting on and off at the landing, the seat can be rotated towards the upper landing and is also accessible by wheelchair users.
The operation controls are simple and intuitive. They are located on the armrests, and are designed to avoid involuntary accidental activation.
MaggyLift can either be installed on the internal or external side of the staircase. The narrow curving radius allows minimum encumbrance of the guide-rail.
The dry guide rail has a smooth and rounded off shape and no sharp edges, it is always kept clean since it does not require any lubrication.
MaggyLift does not need a bearing wall or handrail since the guide rail is anchored directly on the steps.

kg 130
Max Load

EC CONFORMITY TO EUROPEAN STANDARDS
Machinery Directive 2006/42/EC
E.M.C. Directive 2004/108/EC
Safety requirement for Stairlifts EN 81-40 Standard

Technical Information	MOD SL110
Rated Load	130 Kg
Speed	6 m/min (0,10 m/sec)
Power Consumption Battery Charger	100 W
Protection Level	IP55
Internal Curving Radius	200 mm
External Curving Radius	1200 mm
Maximum Inclination	40°

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

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Useful Information

Basic Features MaggyLift MOD. SL110

- The whole chair swivels towards the top landing level to ease the user while getting on and off the lift
- The seat and the armrests are coated in a washable rubbery material
- The seatbelt is fitted with a quick release latch
- The footrest surface is coated with anti-slip finishing
- The seat, armrests and footrest can be folded away in rest position
- The synchronisation device allows to operate the tilting of the footrest while tilting the seat
- All controls require a constant pressure: the buttons operating the Up and Down controls on are integrated in the armrests
- The chairlift is fitted with an On / Off activation switch by removable key and with an Emergency Stop
- The chairlift is battery operated (24 V)
- Anti-impact / Anti-crushing touch sensitive devices are installed on the machine body and footrest
- Safety is ensured by the parachute device, the over-speed controller and by the limit stops at the guide rail extremities
- Electrical and mechanical limit stops are installed at the guide extremities
- Standard finishing: Dry grip-face guide rail in dark gray colour
- Environmental service conditions: -10˚C / +40˚C for indoor or outdoor environment (not severe or extreme conditions)

Standard colours

Body	Seat
White	Black
Milk	Liquirice

Seat Colour Variations

Red	Yellow	Brown
Cherry	Saffron	Chocolate

MaggyLift Options

- Additional battery charging point
- Kit for direct connection to main power supply: tension115/230V 50/60Hz, consumption 1 Kw
- Landing Call/Return controls on wireless push button panel with key activation
- Landing Call/Return controls on push-button control panel with key activation and direct connection to the guide-rail (available only with main power supply)
- Posts for control panels at landings
- Extendable push button control panel for ground attendant
- Protective cover suitable for outdoor installation
- Warning lights on floor levels
- Warning acoustic signal
- Announcement kit for intermediate stops and automatic positioning at landings
- Foldable guide rail at lower extremity or at intermediate position

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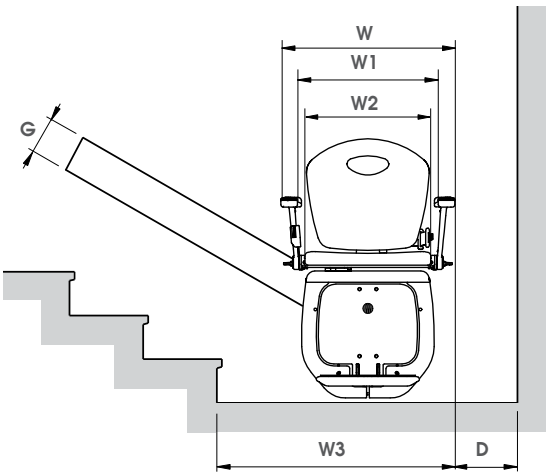
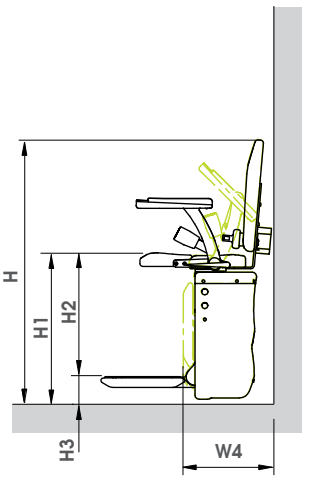
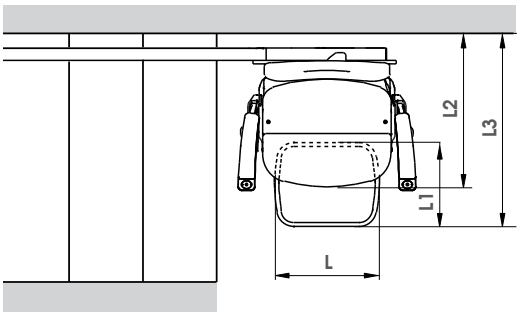
OVERALL DIMENSIONS



W	625
W1	475
W2	450
W3	800*
D	150 min
G	140



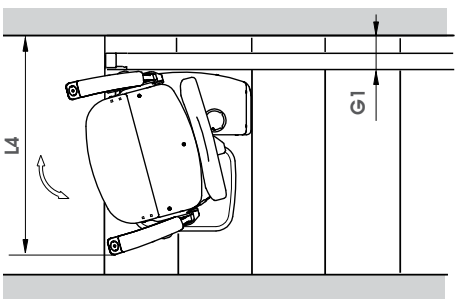
W4	400
H	950
H1	550
H2	450
H3	100



L	370
L1	270
L2	550
L3	690

Technical Data

- Rated load 130 Kg
- Lifting speed 0,10 m/sec
- Internal curving radius 200 mm
- External curving radius 1200 mm



L4	780
G1	120

* Approximate for 30° guide rail inclination

dimensions expressed in mm

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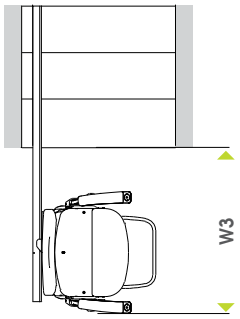
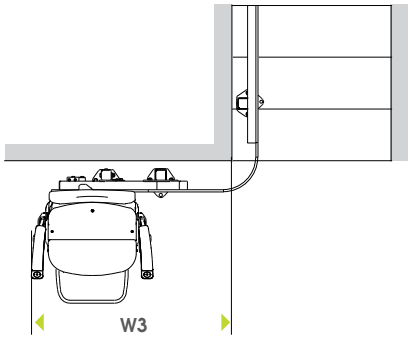
Dimension Chart 1 > Parking position at lower level

LEFT SIDE INSTALLATION - SX

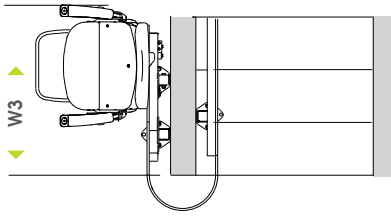
SXR Left side straight parking position



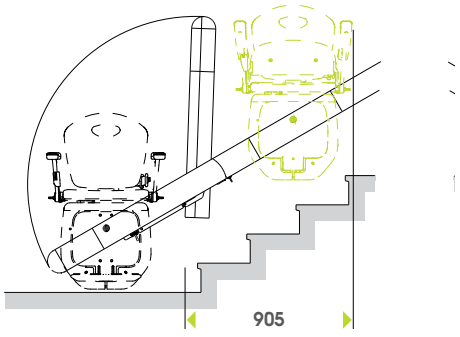
SX90 Left side 90° parking position (L curve)



SX180 Left side 180° parking position (U curve)

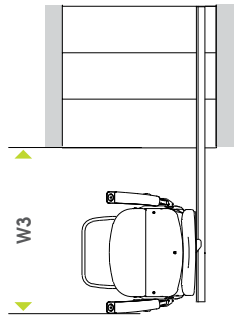


SXINC Foldable guide rail in parking position**

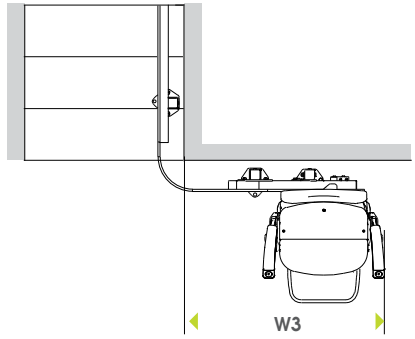


RIGHT SIDE INSTALLATION - DX

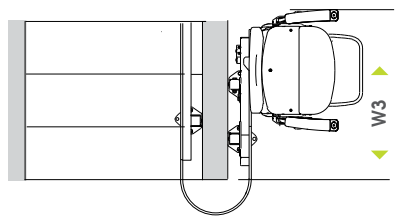
DXR Right side straight parking position



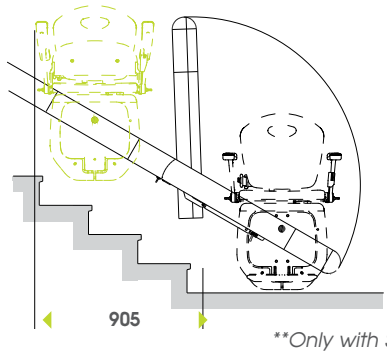
DX90 Right side 90° parking position (L curve)



SX180 Right side 180° parking position (U curve)



SXINC Foldable guide rail in parking position**



***Only with Straight Parking*

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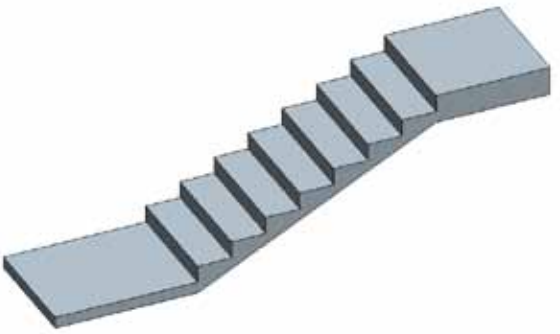
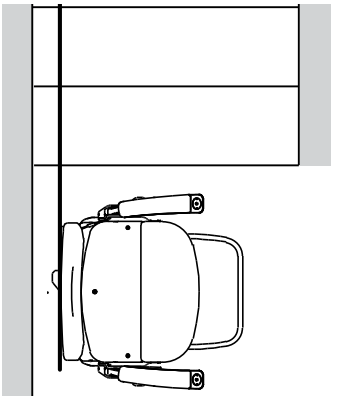
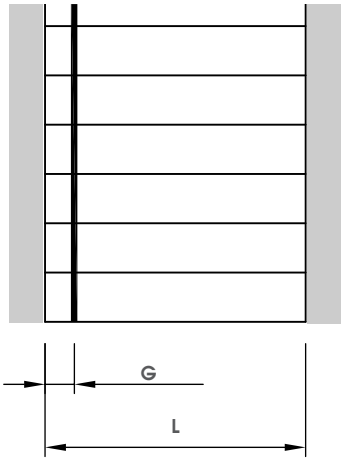
Dimension Chart 2 > Guide rail configuration

STRAIGHT STAIRCASE

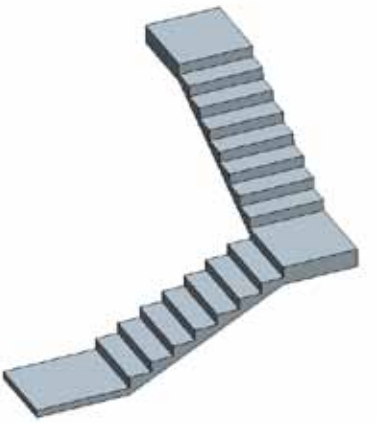


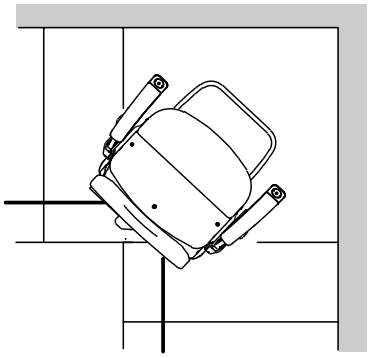


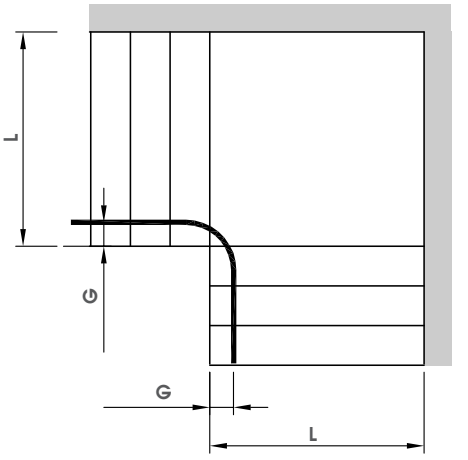


L	G min
810	120

90° INTERNAL CURVE







L	G min
810	150

dimensions expressed in mm

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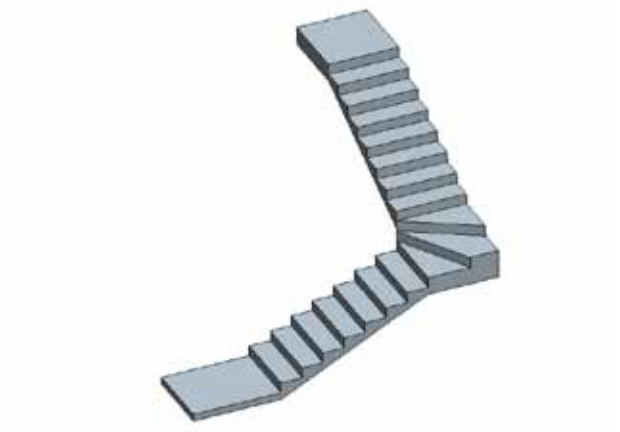
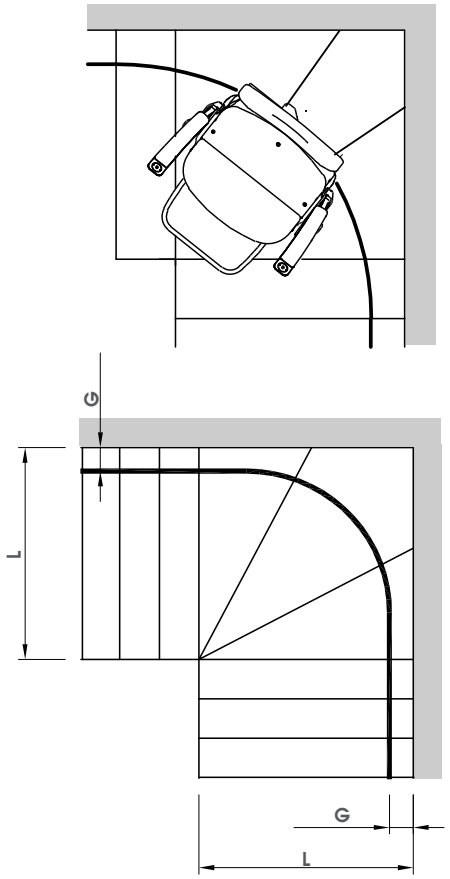
Dimension Chart 2 > Guide rail configuration

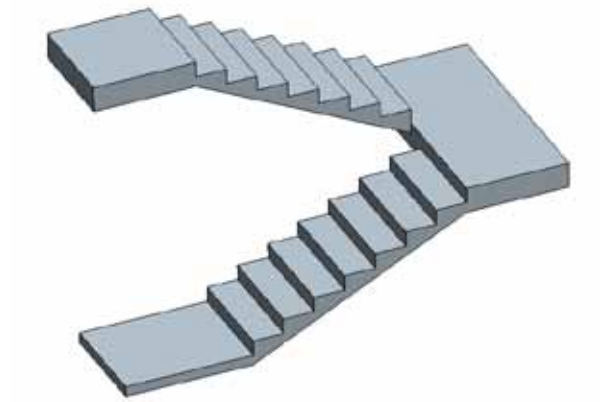
90° EXTERNAL CURVE

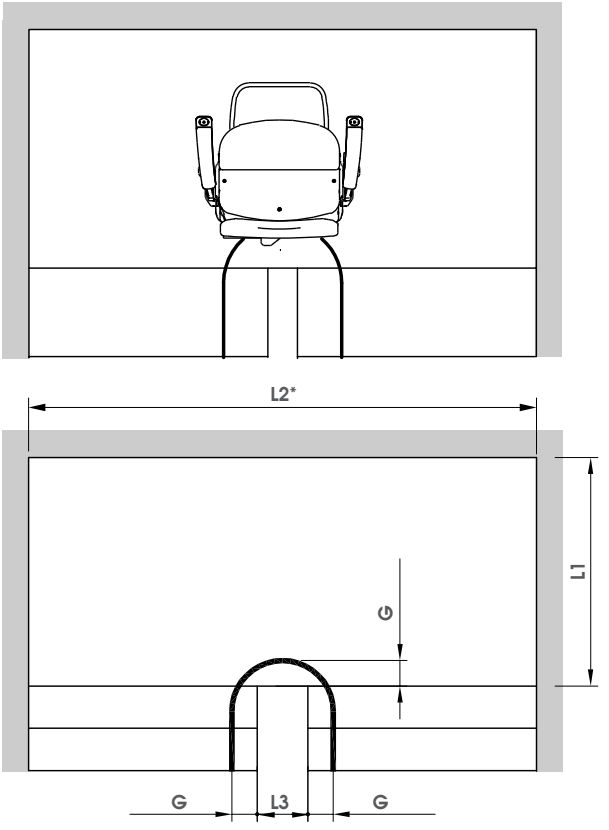




L	G min
810	120

180° INTERNAL CURVE





L1	L2 min	L3 max	G min
810	1650	100	150

**L3 > L3 max → L2 = L2 min + (L3 - L3 max)*

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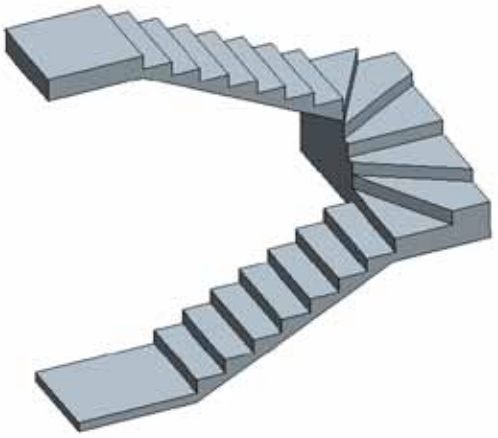
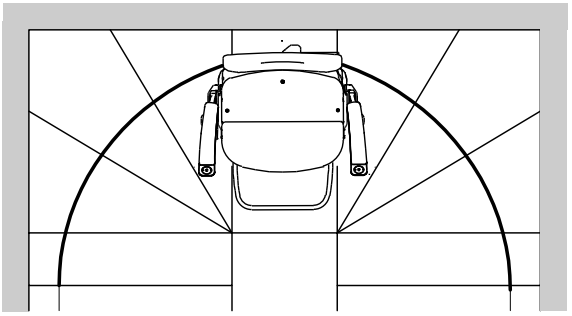
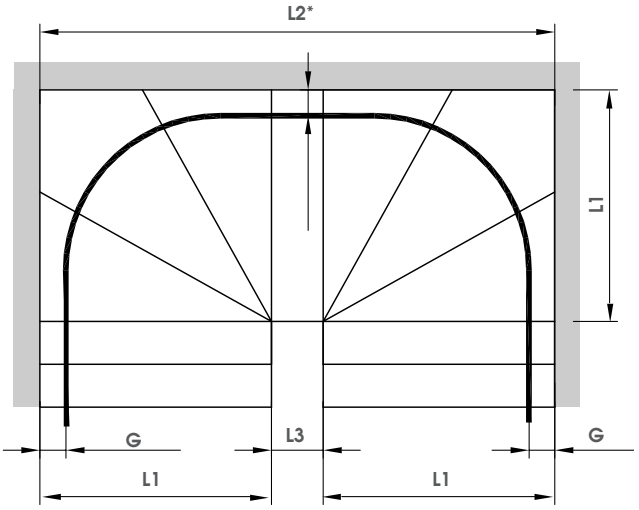
Dimension Chart 2 > Guide rail configuration

180° EXTERNAL CURVE



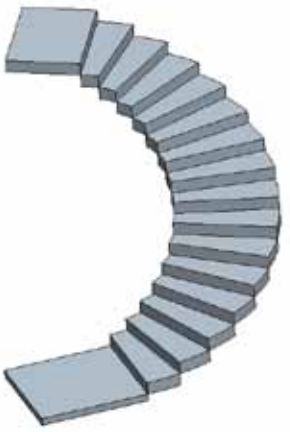


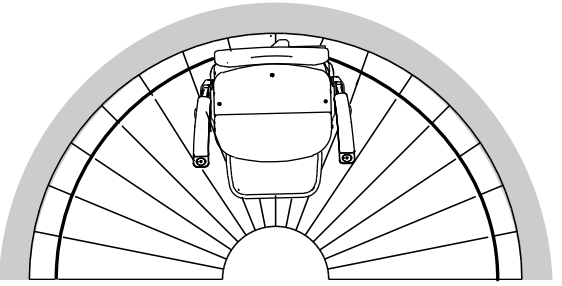


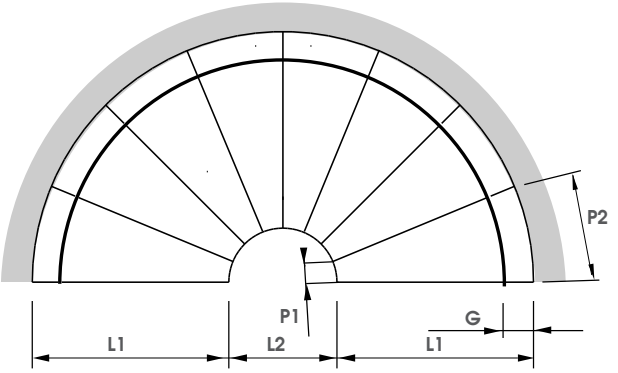
L1min	L2 min	L3 max	G min
810	2040		120

L3 > L3 max → L2 = L2 min + (L3 - L3 max)

EXTERNAL CURVE CIRCULAR STAIRCASE







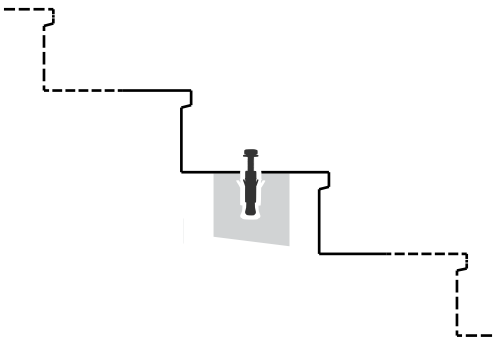
L1	L2	P1	P2	G
810	440	43	200	120

dimensions expressed in mm

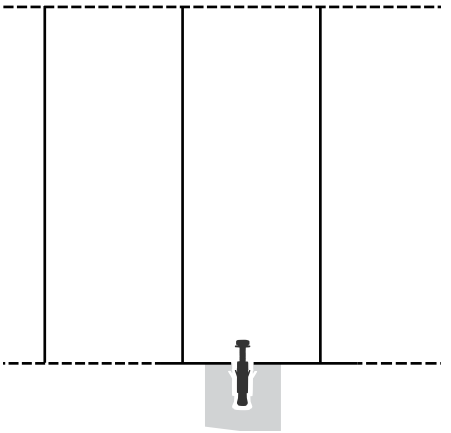
Dimension Chart 3 > Guide Rail Fixing Solutions

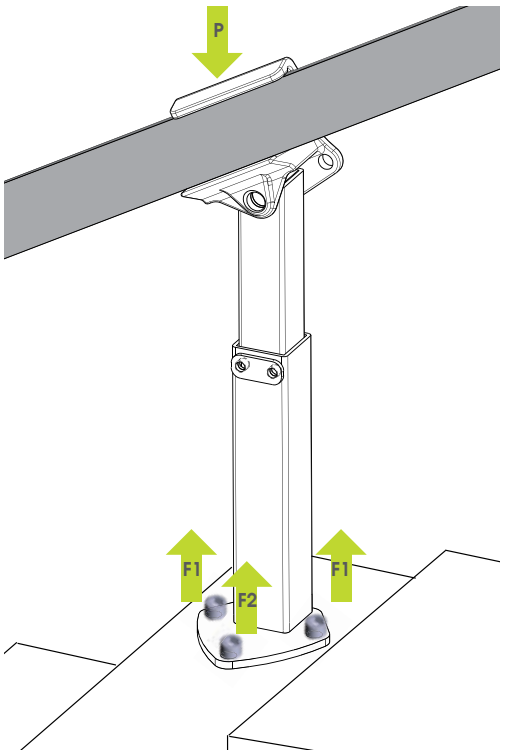
GUIDE RAIL MOUNTING

P Type: FIXING TO THE STEP

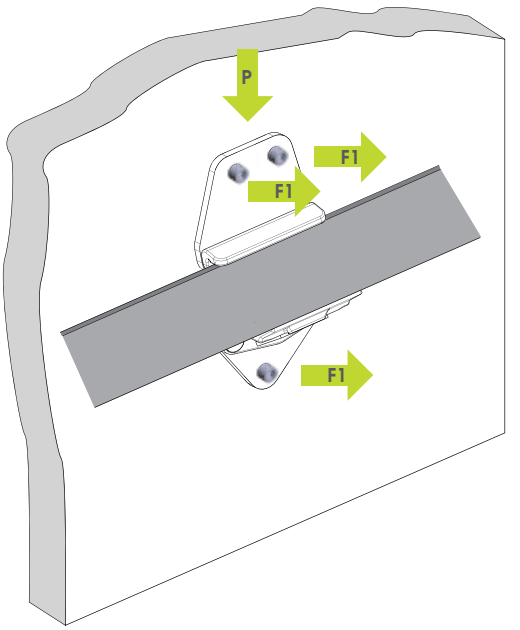


M Type: FIXING TO WALL





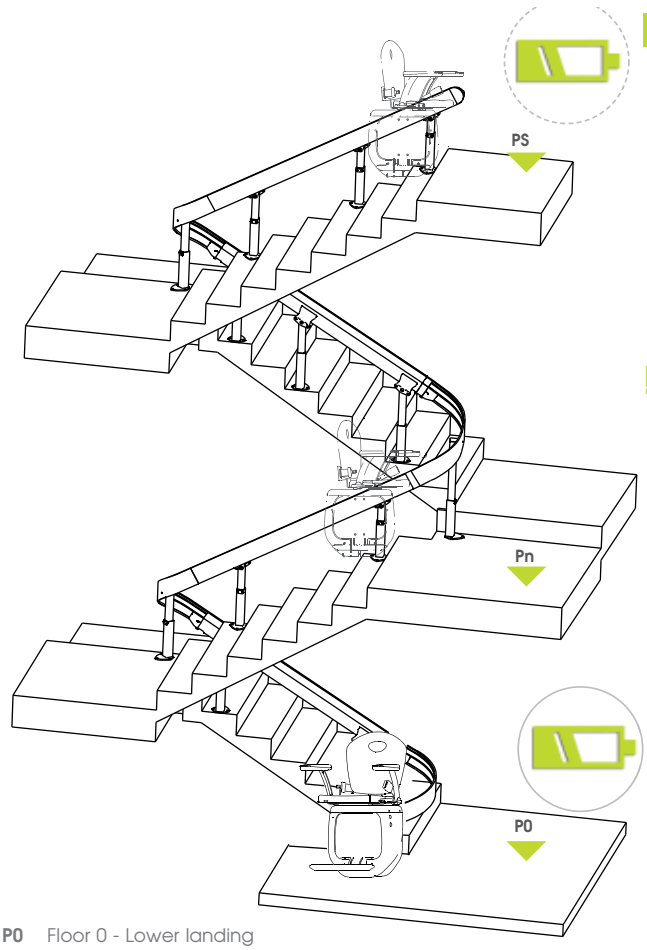
P	F1	F2
170 kg	180 kg	80 kg



P	F1
170 kg	110 kg

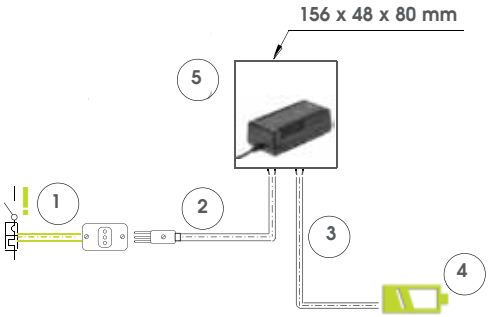
Applied force in condition of maximum load

Chart 4 > Power supply > Battery charger



P0 Floor 0 - Lower landing
Pn Intermediate Floor
Ps Upper Floor

BATTERY CHARGER



1 - Connection to the electrical power line
The customer shall provide a power line (INPUT 115/230 V - 50/60 Hz) fitted with a mains socket for plugging in the battery charger:
- The power line shal be fitted with a thermal megnetic circuit breaker (10A, trip sensitivity 30mA, C trip curve). The distance between the socket and the feeding point on the guide rail shall not exceed 2,5 m.
Power Consumption 1A - Power 0,1 kW

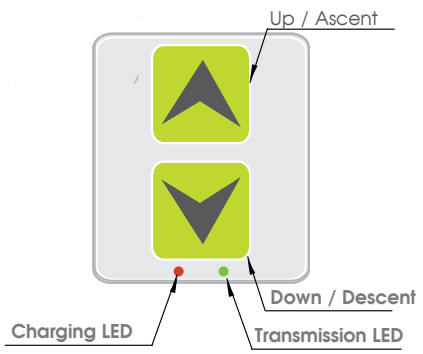
2 - Connection cable from the battery charger to the plug
Connection cable fitted with European plug for the connection of the battery charger to the mains socket. (Other kind of plugs are available as an optional request)

3 - Connection cable from the battery charger to the power charging point on the guide rail

4 - Power Charging Point - (OUTPUT 24V 40A)
The standard layout includes one power charging point installed at one of the guide rails extremity (lower or upper floor). Additional power charging points are available as an optional request.

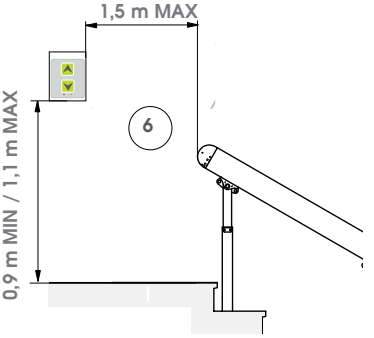
5 - Battery charger
The battery charger cannot be directly exposed to weather elements or to humidity.
Environmental operating conditions: Humidity:10% to 95%, Temperature: 0°C to 30°C
If installed in a cabinet, a suitable aeration shall be guaranteed.
Suggested Cabinet minimum dimensions: 300 x 150 x 100 mm (inside maximum temperature shall never exceed 30°C)

LANDING CONTROL PANELS DETAIL



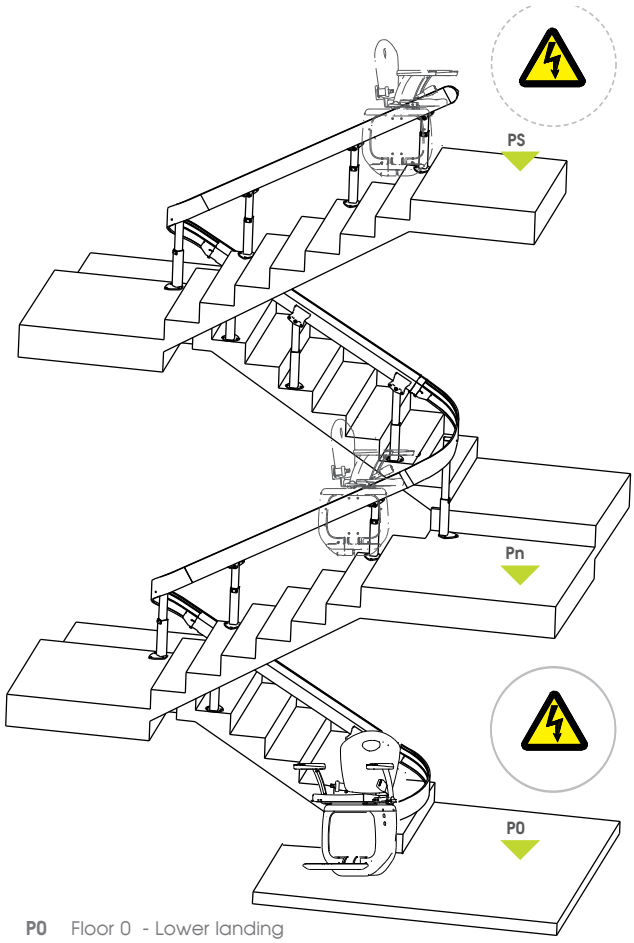
Call and Return buttons:
Their operation requires constant pressure

WIRELESS LANDING CONTROL PANELS



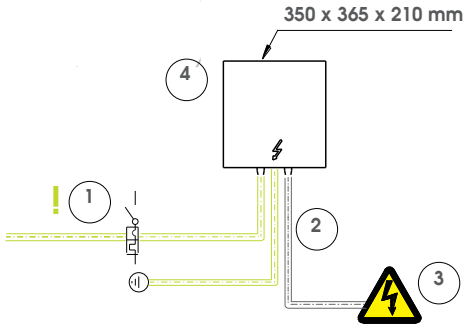
6 - Standard control panels at floors operate with remote control
Action radius of the wireless control panels: 20 m
Standard mounting: to the wall
Dimensions: 75 x 110 x 60 mm
Power supply: 4 x AAA 1,5V

Chart 4 > Power supply > Direct Power supply



P0 Floor 0 - Lower landing
Pn Intermediate Floor
Ps Upper Floor

MAIN POWER SUPPLY CONNECTIONS



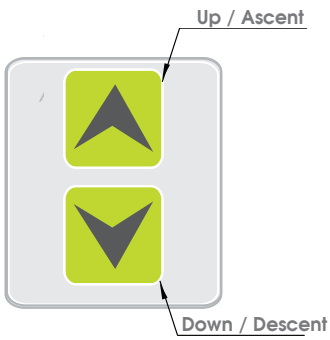
1 - Connection to the electrical power
The customer shall provide a dedicated power line:
INPUT voltage115/230 V - 50/60 Hz)
The power line shall be fitted with:
- a thermal megnetic circuit breaker (10A, trip sensitivity 30mA, C trip curve)
- A cable 3 x 1,5 m² for the connection to the controller cabinet. (minimum tube diameter to allow the cable passage: 20 mm)
Note: The line shall be fitted with a connection to earth
Power consumption: 8A - 1 kW

2 - Connection from the cabinet to the guide rail
The customer shall provide a suitable tube passage diameter 20 mm min. to hold the connection cable (Cable 2 x 6 mm²)

3- Power feeding point - OUTPUT 24V 40A
The power feeding point is placed at one of the guide rails extremity (lower or uper floor).

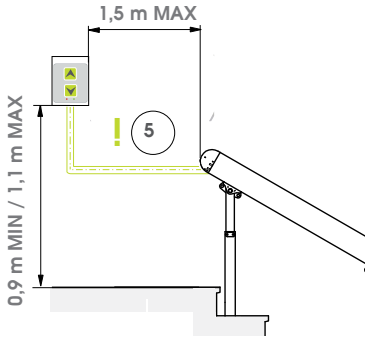
4 - Controller cabinet
The cabinet shall be mounted to the wall and be easily accessible for maintenance purposes (suggested height 1,5m)
The cabinet cannot be directly exposed to weather elements or to humidity.
Environmental operating conditions: Humidity:10% to 95%.
Temperature: 0°C to 30°C
Suitable aeration shall always be guaranteed.

LANDING CONTROL PANELS DETAIL



Call and Return buttons:
Their operation requires constant pressure

LANDING CONTROL PANELS CONNECTIONS



5 - Control panel at floors with direct connection
Standard mounting: To the wall
Connection to the guide rail at each landing floor
Dimensions: 75 x 110 x 60 mm
The customer shall provide:
- A tube passage for cables: min. diametre 20 mm

KE-FLS-S-SLI10-0211-EN

Manufacturing and Premises

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

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