SODILIFT

Sodilift, S.L. · Barcelona, España

Home lift

Home lift: what you need to know

Regulations suited to houses | Footprint | Masonry shaft or structure | Power and use



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Regulations suited to houses

Low-speed private lifts such as the SweetLIFT fall under the Machinery Directive 2006/42/EC, not the Lifts Directive. In the European Union their speed is limited to 0.15 m/s; outside the European Union the SweetLIFT can run at 0.40 m/s.

Footprint

Pit

100 mm minimum: a simple recess in the slab, no deep pit.

Top floor

2,500 mm minimum ceiling height.

Travel

1.5 to 15 m, up to several floors.

Cabin

225 to 400 kg, 3 to 6 people, wheelchair accessible.

Masonry shaft or structure

Aluminium structure

A self-supporting structure, inside or outside the house, in the colour of your choice, glazed or solid.

Masonry shaft

A concrete or masonry shaft built by the contractor, ideal in a new house.

Power and use

- Single-phase 220-230 V connection, 1.3 kW
- Belt-driven gearless machine at the top of the shaft: no machine room
- Automatic return to the nearest floor in a power cut
- Touch screen in the car and QI Touch controller
- Swing doors, SD20 automatic doors or Salon doors

Frequently asked questions

Is a permit needed to install a lift in a house?

It depends on local planning rules: an indoor installation usually needs none, an outdoor structure may require a declaration. Check with your local authority.

Can a private lift be installed in an existing house?

Yes: the 100 mm pit and self-supporting structure avoid major works. An opening in the floors is still needed to pass between storeys.

How does it differ from a building lift?

Lower speed and different rules: a private lift follows the Machinery Directive, a building lift the Lifts Directive and EN 81-20 and EN 81-50.

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