



Pluto

– the perfect lift for your home

Elderly or disabled people require solutions that allow them freedom of movement inside their homes. The lifting platform “Pluto” provides the perfect solution to mobility between levels in the home. And it does it in a comfortable, safe and elegant manner.

For private homes, Pluto is the smallest screw/nut lifting platform in the world, able to fit into any environment. Pluto is a cost-effective solution for accessibility needs in private homes and is fully compliant with European Directives 98/37/EC.

Advantages

- People will not have to move out of their homes due to mobility problems
- Faster, safer and more comfortable than a stair lift
- Will blend in together with current furnishing
- Lifting capacity of 2 people/1 person in a wheelchair/225kg
- Very easy to operate
- The lift can travel up to 5 floors

Reliability

During the last four year period, more than 400 Plutos have been installed in more than 15 different countries around the world. The product has clearly proven itself to be reliable. The lifetime of a Pluto is equivalent to the lifetime of the building it is in.

Pluto stands for high levels of quality and reliability. It is also simple and quick to install has a short maintenance time and, most importantly, is safe and comfortable to use.

Operation

In a Pluto, travel between floors is safe and easy. Enter the lift and operate it by continuously pressing the button for the



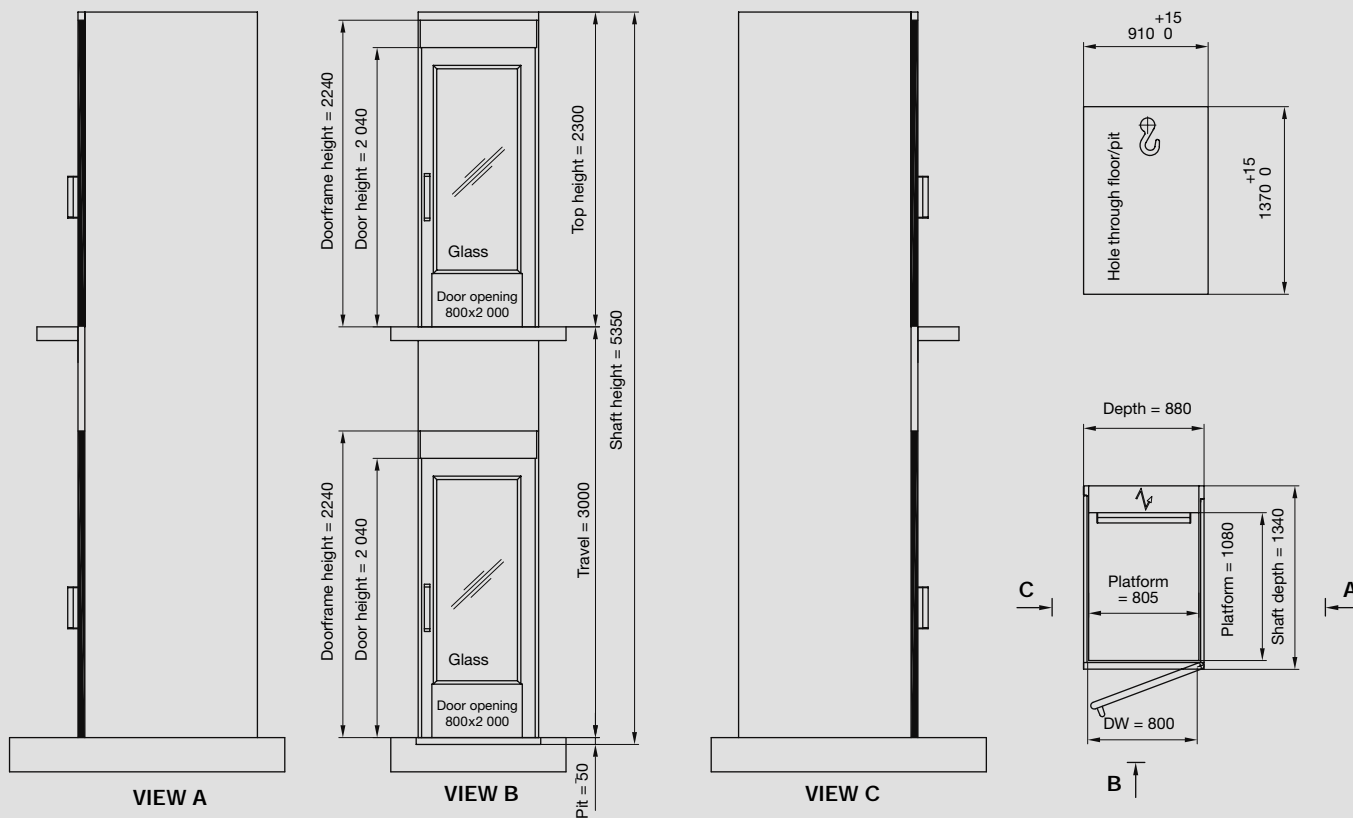
desired floor. Release the button to stop at any time; start it up by pressing the button again. The platform operation console houses light, large tactile push buttons which also provide emergency stop and alarm functions. All edges are guarded by sensors and, in the case of an emergency, the lift can be pulled manually, or by an optional battery system, to the closest floor.

Installation

The Pluto requires very little construction work and can be installed into existing or newly built homes. All that is required is an available floor area of 910 mm x 1370 mm. The standard lifting platform requires only a 50 mm pit. If delivered with a ramp, the pit is not required.

Remarkably, the Pluto does not have an external machine room. All the necessary machinery and the electrical system are housed inside the shaft enclosure – “what you see is what you get.”





Measurements

Platform length 1080 mm
Platform width 805 mm
Door height 2040 mm
Door width 800 mm

Shaft depth 1340 mm
Shaft width 880 mm
Shaft height* 5350 mm
Travel height** 3000-9000 mm

Top Height 2300 mm
Aperture depth 1370 mm
Aperture width 910 mm

* Depending on travel height and top height. ** Differs per location.

Lift Type: Platform lift type Pluto

Lifting capacity: 2 persons/1 person in a wheelchair/225 kg

Lifting height: max. 12000 mm

Top height: 2300 mm

Number of stops: max. 4 stops

Number of doors: max. 1 doors per floor

Operator controls: "Hold to run" buttons

Drive system: A patented screw/ nut system

Standard platform size: 805 mm wide x 1080 mm deep

Required floor area: 880 mm wide x 1340 mm deep (for through floor applications 910 mm wide x 1370 mm deep)

Electrical connection: 1 phase 230V 50Hz/5.2A/16A slow

Speed: 0.15 m/s

Control supply: 24 V

Motor: 1.5 kW

Technical compliance:

European machine directive 98/37/EC

Pit depth – if required: 50 mm (with ramp no pit is necessary)

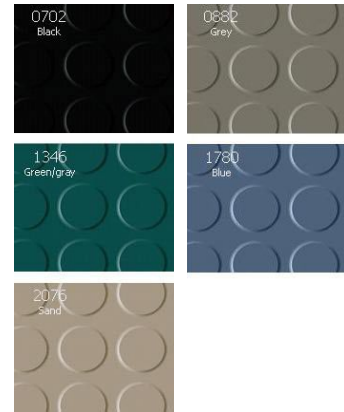
Standard colour: White (RAL9003)

Features included on the standard lift:

- External door closer
- Large glass panel doors
- Interlocked entrance doors
- Battery operated emergency lowering
- School locking
- Ceiling
- Soft start
- Light fitting on back wall
- 25 mm thick panels
- Automatic lubrication system
- Call and send functionality
- Integrated service diagnostic system
- Automatic light shut down

Main options:

- Over 100 different colours in the RAL series
- Internal or external automatic door opener
- Fold-down seat
- Safety glass panels for the shaft walls
- Stainless steel door handle and platform handrail
- Joystick
- Mirror
- Remote control
- Alarm bell
- Auto dialler
- Telephone
- Tinted glass
- Different types of flooring



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