



A1

The ideal lifting platform for public and commercial buildings

There is an ever-increasing demand for improved accessibility to public and commercial buildings, specifically for people with limited mobility. The A1 is the cost effective solution, a lifting platform adaptable to multiple environments. On the market since 1995.

Advantages:

- Flexible in size of platform and structural design
- High quality lift with a robust, self-supporting shaft
- 50 mm pit required for level entry, with ramp no pit
- Low overall cost compared to conventional lifts
- Lifting capacity up to 630 kg
- Travel up to 12 meters
- No major construction work necessary
- All machinery, as well as the electrical system, is housed inside the shaft enclosure

Reliability

Since 1995, more than 8500 A1s have been installed in public and commercial buildings in more than 15 different countries around the world. The product has clearly proven itself to be reliable. The lifetime of an A1 is the equivalent of the lifetime of the building in which it is located.

A1 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

A1 is safe and easy to use. Enter the lift and operate it by continuously pressing the button for the desired floor "hold to run". Stop the lift at any time by releasing the button; start it up again 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.

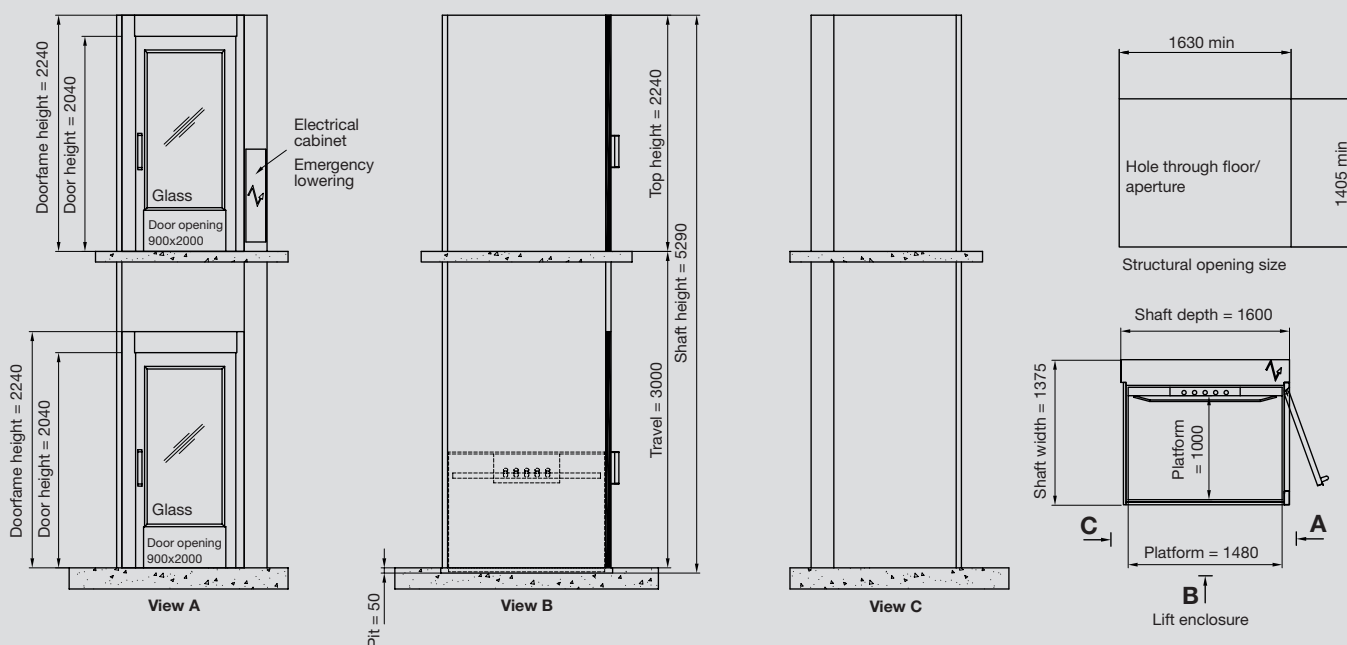
Installation

The A1 requires very little construction work and is easy to install. All that is required is an available floor area and an aperture of 1405 mm x 1630 mm. The lifting platform requires a 50 mm pit only. If delivered with a ramp, the pit is not required. Installation can be completed in 2-3 days.

Remarkably, the A1 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."



Sample sketch



Measurements according to the sample sketch

Platform length* 1480 mm
Platform width* 1000 mm
Door height 2040 mm
Door width 900 mm

Shaft depth 1600 mm
Shaft width 1375 mm
Shaft height** 5290 mm
Travel height*** 3000 mm

Top Height (minimum) 2240 mm
Aperture depth 1630 mm
Aperture width 1405 mm

* Optional platform sizes are available, see options. ** Depending on travel height and top height. *** Differs per location.

Lift Type: Platform lift type A1

Lifting capacity: 5 persons or 400 kg

Lifting height: min. 200 mm - max. 12000 mm

Top height: min. 2240 mm (1100 mm with half height door)

Number of stops: max. 6 stops

Number of doors: max. 3 doors per floor

Operator controls: "Hold to run" buttons

Drive system: A patented screw/ nut system

Standard platform size: 1480 mm deep x 1000 mm wide

Required floor area: 1600 mm deep x 1375 mm wide (for through floor applications, 1630 mm deep x 1405 mm wide)

Electrical connection: 3 phase 400V 50Hz /5.2A /16A slow fuse

Speed: 0.15 m/s

Control supply: 24 V

Motor: 2.2 kW

Technical compliance:

European machine directive 98/37/EC

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

Standard colour: White (RAL9003), middle panel of platform is painted grey (RAL7036).

Features included on the standard lift:

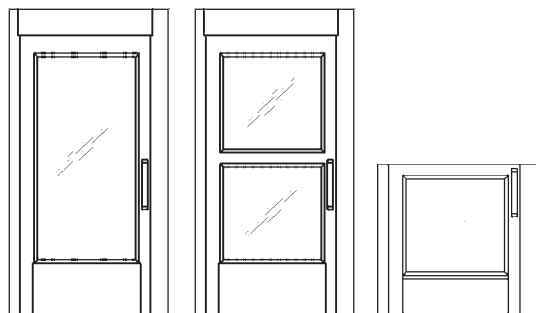
- External door closer (internal on fireproof doors)
- Glass doors
- Interlocked entrance doors
- Manual emergency lowering
- School locking (to prevent unauthorized use of lift)
- Call and send functionality
- 25 mm thick wall panels
- Self supporting shaft
- Integrated service diagnostic system
- Automatic light shut down
- Fire alarm drive
- Battery supervision
- Arrival signal

Main options:

- Automatic emergency lowering
- Automatic lubrication system
- Over 100 different colours in the RAL series
- Internal or external automatic door opener/closer
- Increased lifting capacity 630 kg
- 4 different door models
 - Double glass
 - Half door with glass
 - Two different fire doors (EI60 according to EN81-58 and E60)
- Out-door unit
- Tinted glass
- 5 different platform sizes depth/width (1480x1100, 1280x1000, 1980x1000, 1280x900, 1480x900)
- Single phase electrical connection
- Voice annunciation and/or digital landing indicator
- Different types of flooring, vinyl or rubber
- Key switch on doors and/or platform
- Entry and exit on 3 sides
- Fold-down seat
- Safety glass panels for shaft walls, three heights: 736 mm, 1472 mm, 2208 mm
- Number of starts and total operation time
- Different handrails and door handles (Brass, stainless steel and aluminium)
- Full height console with mirror and light box. Additional option: Spot lights
- Soft start
- Joystick
- Remote control, IR or radio
- Siren
- Auto dialler
- Telephone
- Protective steel kerb

Door options

Regular doors

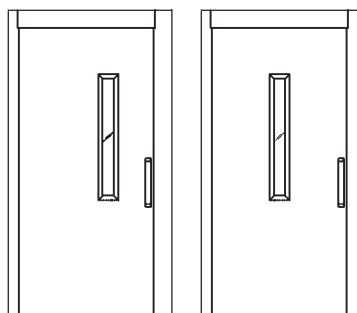


Large glass panel (standard)

Double glass panel

Half height

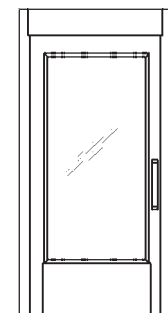
Fireproof doors



Fire resistant door with glass

Fire-and gas resistant door with glass

Outdoor doors



Large glass panel



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