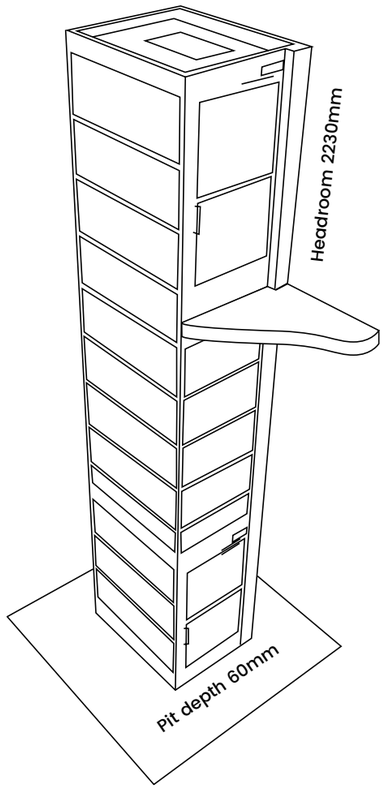
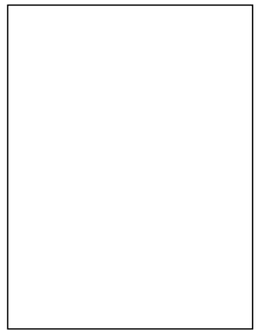
No Fuss Installation

The Optimum 100 requires little in the way of building works with a 60mm deep pit, a 1280mm x 1590mm vertical hole through the building and a 16 amp single phase power supply to the top floor being the only necessities for most installations to be carried out.

No requirement for scaffolding or lifting beams as the Optimum 100 is fully self supporting.

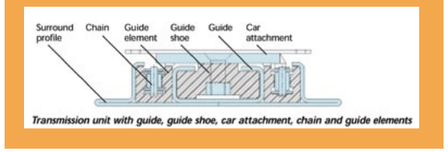


Vertical hole through building (standard size)



Patented Drive

Optimum 100 is an energy efficient platform lift saving as much as 75% of the energy used by other platform lift systems. The .55kw motor is housed within the framework of the lift and powers a robust guided chain system that makes the Optimum 100 the most economical and reliable solution for your requirements.



Transmission unit with guide, guide shoe, car attachment, chain and guide elements

Range of Sizes

Platform Size	Vertical Hole
1020x1480	1180x1590
1020x1680	1180x1790
1120x1480*	1280x1590*
1120x1680	1280x1790
1220x1480	1380x1590
1220x1680	1380x1790

*Standard size. Special sizes available on request.

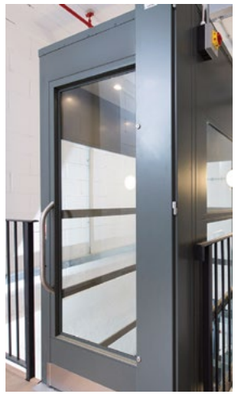
Range of Door Designs



Glazed half height



Steel door with vision panel and fire rated option

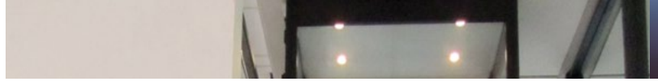


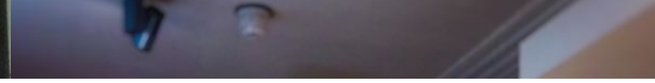
Fully glazed door



Glazed door with mid bar and fire rated option

Ability Lifts Limited | Tel: 0845 006 8803 | Email: sales@abilitylifts.co.uk | Web: www.abilitylifts.co.uk





Optimum 100

Enclosed Vertical Platform Lift

ability LIFTS









Optimum 100

Enclosed Vertical Platform Lift

ability LIFTS

The Optimum 100 is a high quality, reliable, chain driven vertical platform lift that is supplied complete with its own small footprint enclosure. Now with a warranty of 12 months parts and labour, 5 years on motor and gearbox and 10 years on drive chains. This is a self-supporting platform lift which will enhance the value of any building. Installation costs are kept to a minimum ensuring excellent value with a low ownership cost.

This versatile lift is suitable for a wide range of applications, from offices to tourist attractions, schools and religious buildings. The quiet and reliable guided chain drive mechanism offers a smooth ride with low maintenance requirements, and no need for a separate machine room.

The 0.55kw energy efficient motor uses 75% less energy than other models of platform lifts. The unit is compliant with Part M of the Building Regulations and has the following features as standard:

- **Code Compliance** - EN81- 41, Part M and Machinery Directive 2006/42/EC
- **Testing** – Fully load tested and CE marked
- **Maximum Travel** – Up to 15m
- **Floors served** – Up to 6
- **Entrance Door** – Can be fitted on any of three sides with hinging on either side
- **Standard Platform Size** – 1120mm wide x 1480mm long (other sizes also available - see table on reverse)
- **Footprint** – 1250mm wide x 1560mm long
- **Floor Recess** – 60mm (optional ramp)
- **Enclosure** – Modular self supporting
- **Drive System** – Guided Chain
- **Speed** - 0.15m/s
- **Warranty** - 12 months parts and labour, 5 years on motor and gearbox and 10 years on drive chains
- **Capacity** – 500kg (5-6 persons)
- **Finish** – Hard wearing powder coat white (other colours available)
- **Power Supply** – 240v (single phase, 16 amp)
- **Battery supported Emergency Lowering** controlled from the platform console







Options

This vertical platform lift has the following options:

- Choice of door design including fire doors
- Glazing to every side
- Exclusive platform finishes including oak or stainless steel
- Doors in a range of contrasting RAL colours to assist the visually impaired
- Communications devices including intercom/ autodialler
- Ramp if pit not available
- Hidden door closers or fully automated doors
- Half height door available on top landing (travel <3m)
- Managed use – a range of security key systems





