Midilift

Introduction

These platform lifts combine design versatility and intuitive use with ease of installation and reliable performance – with a range of finish choices allowing your lift to be customised to suit your building and more user-friendly features for the end user.

The lifts can be installed in new and existing buildings, complementing and blending into any environment, either internally or externally. Predominantly used as wheelchair or disabled lifts, these lifts require no pit, are installed in their own structure and can travel up to 7m. The half height gate option, for up to 3m travels, is ideal for enabling access to mezzanine floors or where there are headroom restrictions.

Our platform lifts help building designers and owners to meet the requirements of Part M and BS 8300, as well as helping to meet obligations under EN81-41 and the Equality Act (formerly the DDA), whilst taking up the minimal amount of building space possible.

Manufactured in the UK, these lifts are installed across all market sectors, including education, retail, offices, public buildings and private residences. The proven hydraulic drive and energy-efficient lighting ensure smooth and efficient running for years, adding value to any building.

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Introduction

Products

There are two model options available:

Full height door
Travelling up to 7 metres, this model provides a solution for higher travel and an increased number of stops. There is a wide range of design options for the structure and platform to ensure the lift matches your building.

Half height door
This version offers a lower-cost option for mezzanine floors, travelling up to 3 metres with a half height gate at the top. It can also be an ideal solution if headroom is restricted on the upper floor.

Full height door model

The option of a ramp where required

Half height door model

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Key benefits

Key benefits

- Up to 7m travel with three platform sizes available to suit buildings of different shapes and sizes
- Compact shaft with a choice of entrance configurations
- Minimal builders work required and quick installation time
- Structure-supported enclosure – no lifting beam required
- Flexibility on drive control unit location
- Low pit requirements with ramp where a 70mm recess is not possible
- Low running and maintenance costs due to the single phase power consumption
- Choice of finishes or branding to complement any building design and to make your lift unique
- Helps building owners to conform with Part M and the Equality Act

These product helps to meet the requirements of:

- The Equality Act
- Part M of the Building Regulations (England and Wales) and Section 4.2 of the Technical Handbook (Scotland), both of which cover the requirements that many new buildings must meet to ensure ease of access and use
- BS8300:2009 Code of Practice covering the design of buildings and their approaches to meet the needs of disabled people

They are CE marked and comply with the latest Machinery Directive 2006/42/EC.

Stylish brushed aluminium console

DDU as standard

Mid panel providing visual contrast design

Large, easy to use buttons

Long handrail

45° angle for easier operation

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Features & options

Standard features:

Carriage:

- Large illuminated constant pressure call buttons – 50mm square
- Audible and visual notification of floor level and travel direction
- Voice annunciation with arrival chime
- Alarm button
- Emergency stop switch
- Red digital display units with direction arrow and overload indicator
- Battery backed up LED lighting
- 800mm handrail in satin stainless steel
- Mechanical safety edges around platform

Landing features:

- Complete lift isolation keyswitch (supplied on lower landing only)

Landing controls:

- One-touch landing controls mounted on door frame

Other features:

- Emergency lowering of the lift from inside platform in the event of power failure
- Two-way intercom communication system for emergency calls
- Emergency lighting and alarm with back-up battery

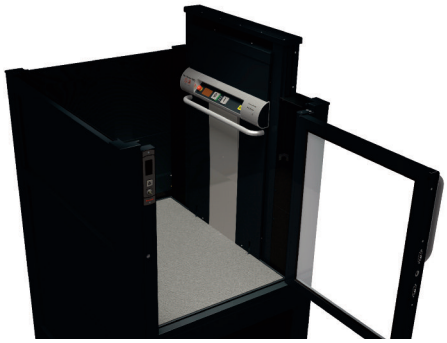
Structure:

- Structure supported enclosure with powder coated steel solid infill panels
- LED ceiling spot lights with timer

Doors:

- Panoramic glass door fitted with door opener/closer
- 800/900mm clear opening at each entrance

† There are instances in which the headroom can be reduced – please contact us to discuss further.



Options available:

Carriage:

- Joystick – 2 floor lift only

Landing features:

- Red digital display units with fixed direction arrow
- Keyswitch isolation of call button

Landing controls:

- Remote landing call stations flush or surface mounted
- Pedestal mounted landing call stations

Other features:

- Battery backup in both directions
- Klaxon alarm fitted to structure
- Telephone
- Memcom auto-dialler/auto-dialler with inductive loop
- Volt free alarm contacts
- Fire alarm shutdown (to lowest floor only)
- Welsh signage and instructions

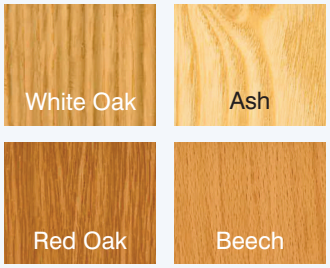
Structure:

- Glass panels
- Fixing hoop if required
- Fixed ramp
- Special fixing brackets if required
- Extended enclosure
- Pre-drilled full enclosure/landings/sides (fire cladding)
- Reduced headroom†

Door options:

- 30/60 min fire rated door – primed or wood finish
- Doors by others
- Half height gate
- Automatic door opener/closer
- Concealed door closer

Wood finishes for fire doors:



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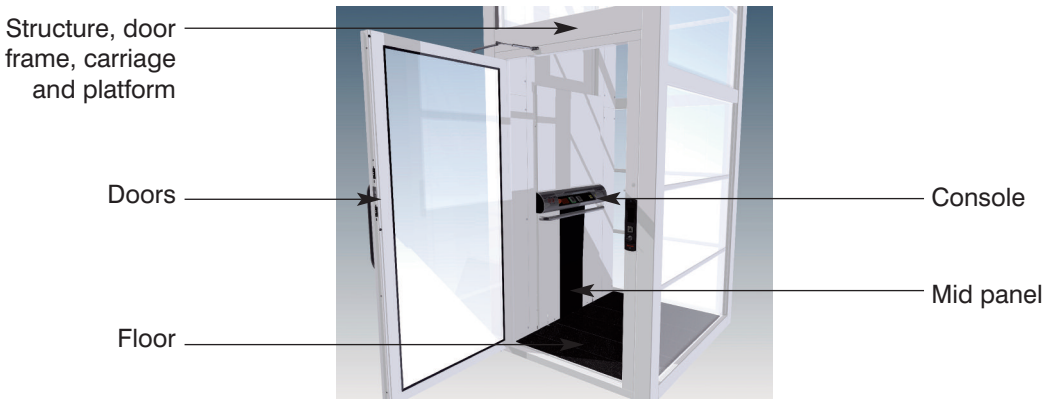
Finishes

	Standard	Options
Structure, door frame, carriage and platform	White	Light Grey, Dark Grey
Mid panel	Dark Grey	Stainless Steel, Light Grey
Floor	Grey Safety Floor	Vinyl stud Light Grey, Vinyl stud Dark Grey, Slate effect PVC, Oak effect laminate, Flooring by others
Doors	White	Light Grey, Dark Grey

Colours: White is BS22B15; Light Grey is RAL 7035; Dark Grey is RAL 7016

Bespoke options

Our bespoke solutions offer you a wide range of RAL colours on all of the above components. Choose from a wide range of alternative finishes to ensure your lift meets your specifications. Colours, glass, flooring and more can be selected from a wide range of materials.



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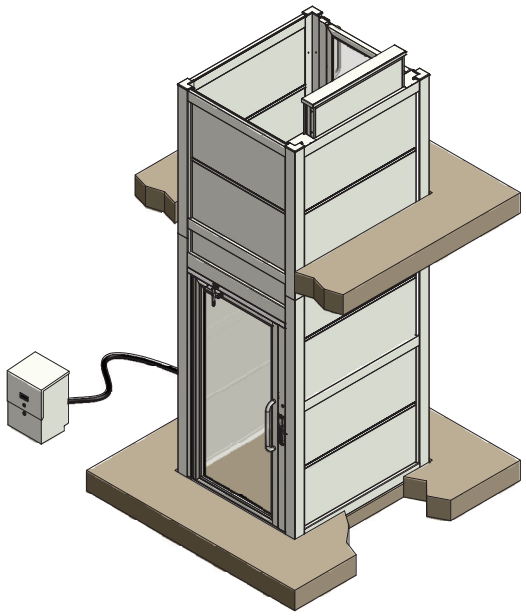
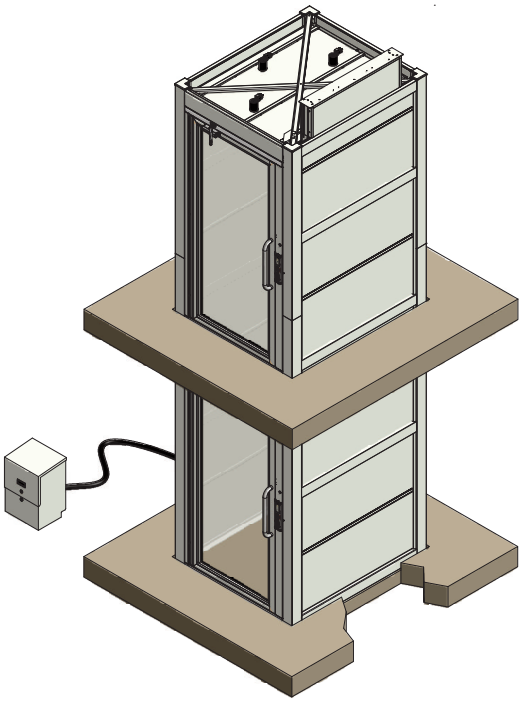
Technical Data





DIMENSIONS

Platform size (w x d)	Footprint size (w x d)	Pit depth	Headroom
950 x 1250	1210 x 1410◇	70*	Variable – please see notes†
950 x 1400#	1210 x 1530◇	70*	
1100 x 1400#‡	1330 x 1530◇	70*	

TECHNICAL SPECIFICATIONS

	Half height gate	Full height door
Standard load	400kg	
Maximum travel	3m	7m
Speed of travel	Up to 0.15m/s	
Drive system	Hydraulic (includes external control unit)	
Platform controls	Constant pressure	
Power supply	240v single phase	

Notes:

All dimensions are in mm

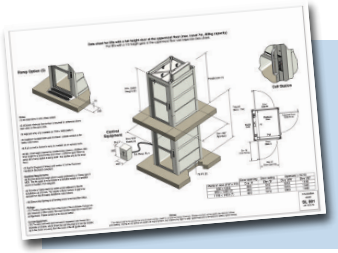
* A ramp can be used where this pit depth is not possible.

† Headroom is dependent upon the travel – please contact us for more information.

Part M (England and Wales) compliant (950 x 1400 for unattended wheelchair use and 1100 x 1400 for attaended use).

‡ Section 4.2 (Scotland) compliant.

◇ For aperture, allow +30mm on each dimension over and above the footprint.



NBS Specifications, CAD blocks and data sheets giving further technical information are all available – please contact us for details.

THE EAST ANGLIAN LIFT CO LTD

Slate House Farm, 27 Halls Corner, Hevingham, Norwich, NR10 5NQ

Telephone: 01603 755680

Email: sales@ealifts.co.uk

www.ealifts.co.uk