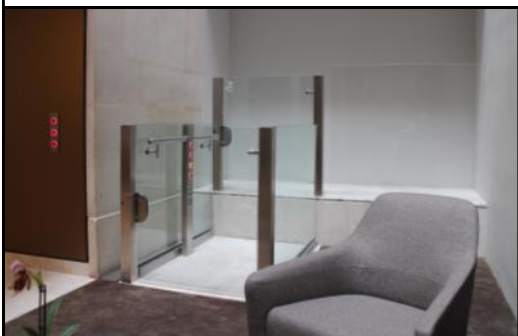


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premium open aspect platform lifts

Created by Lyfthaus



Preparation Guidance



Construction Notes

All works must be completed prior to the commencement of lift installation. Failure to do so will result in additional costs being chargeable.

Most installations will require the construction of a pit which must be prepared to the exact dimensions provided. It shall be excavated and finished with smooth and totally level surfaces. If external or liable to flood it will require drainage. A 60mm diameter duct is required for the lift's services. The location of the duct is important so please contact us for details of its exact location. All debris and standing water must be removed from the pit prior to installation. The pit must be capable of supporting the full weight of the lift and its load plus an overload factor. The lift will be secured using self-anchoring fixings of approx. 50mm-150mm in length.

The upper level gate threshold and fascia must be capable of supporting a 500Kg push/pull dynamic force distributed over the full surface area. The travel zone fascia must be 100% true and vertical and it must be smooth. The fascia to threshold must be a true 90 degrees. The upper level gate will be affixed with a series of 50-100mm self-anchoring fixings — the substrate must be suitable to accept these fixings. Please provide details of your substrate prior to installation to ensure the correct fixings are used.

Assistance with off loading and positioning of the lift may be required.

There must be clear and unobstructed access to the point of installation at all times.

A secure area shall be available adjacent to the installation for tools and equipment storage.

The builder shall provide hoarding or barriers to protect the upper level prior to gate fitting.

Welfare facilities must be provided including first aid. It is the builder's responsibility to ensure health and safety measures are in place and maintained.

Suitable lighting must be provided.

240v power must be provided for power tools.

Electrical Information

A dedicated 220/240v single phase 16 amp rotary isolator is required at point of power pack location, which must be live prior to commencement of installation and be fused and lockable.

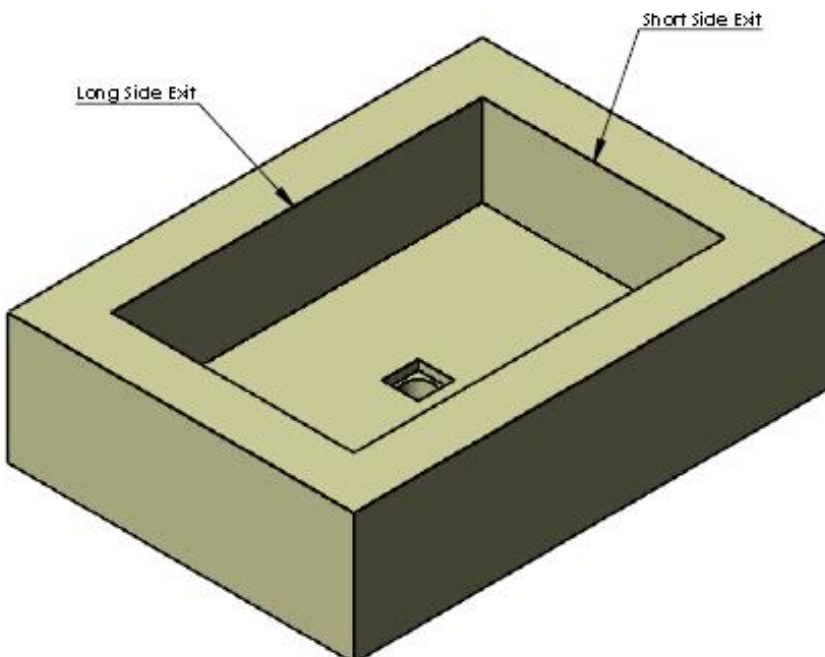
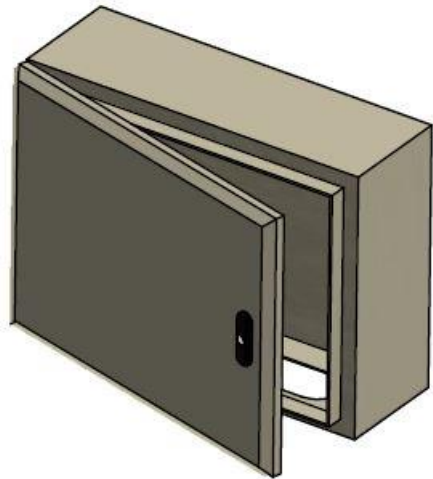
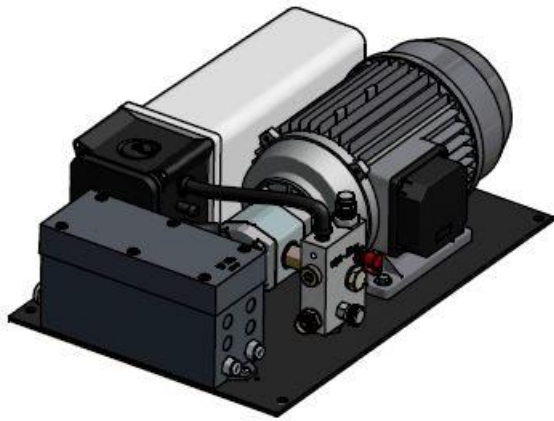
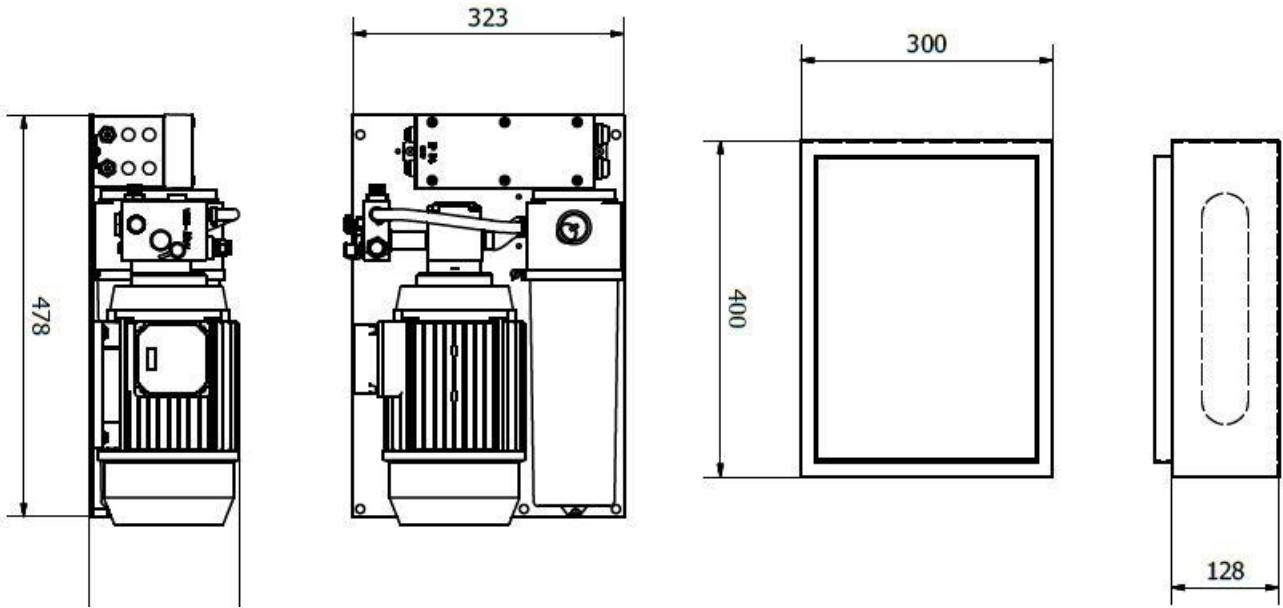
Power pack and electrical panel

Provision must be made to locate the power pack and electrical control panel in a dry, weather proof area. The power pack is normally floor mounted and the electrical panel is wall mounted. The location must be no further than 6M from the lift with suitable space to work around the power pack and electrical panel for initial installation and ongoing maintenance. Lighting must be provided. The power pack must be easily accessible as this is also the location of the emergency lowering control.

Push button control stations

Generally a control station is located in the upper level gate slam post and also at the lower level—either flush wall mounted or pedestal mounted. Provision must be made for the lower control which must be located in a 900-1100mm height range. The builder must provide both controls with a 25mm diameter conduit between the control and the power pack location with a pull cord.

Typical power pack and electrical control cabinet configuration



Pit with drainage. A 60mm diameter services duct must be provided.
Contact us for details of location

Pit size and other considerations

Pit length = platform length + 30mm

Pit width = platform width + 30mm

Pit depth = lifts closed height (allow for platform tray if required)

Ensure that drainage is included for external applications or liable to flood (inc. floor cleaning etc)

60mm diameter services duct. Contact us for details of exact location.

25mm diameter ducts for control stations

Provision for upper level gate inc. loadings

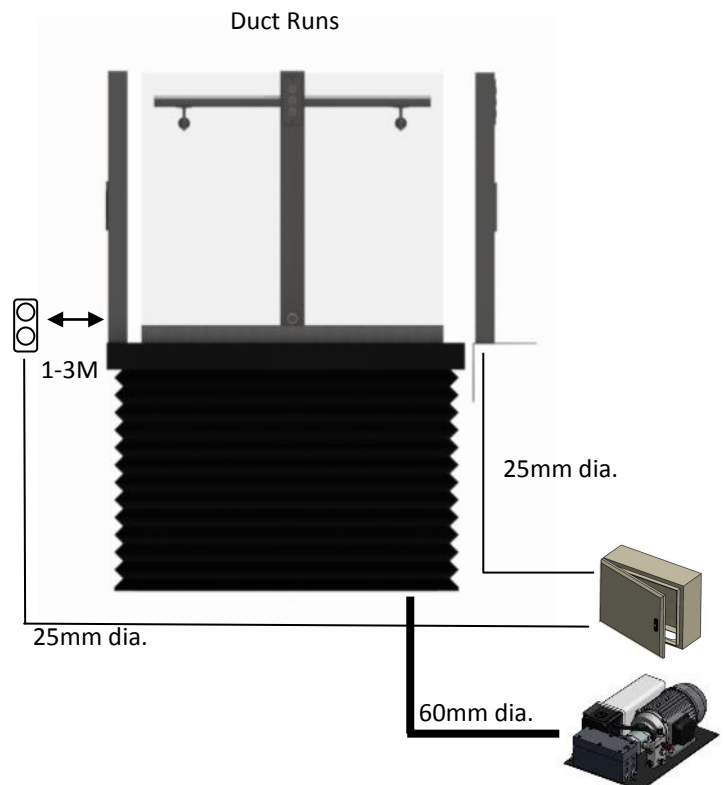
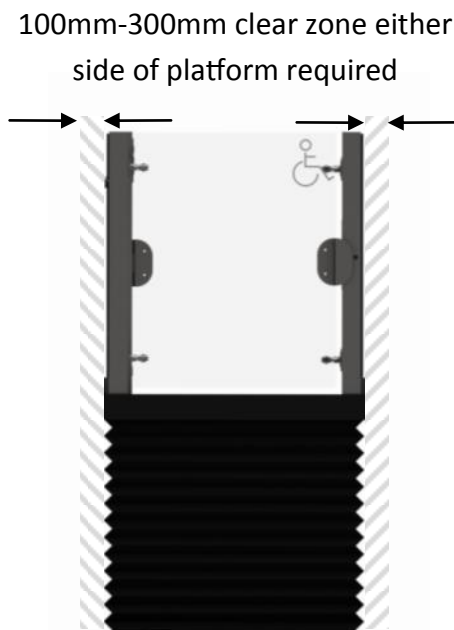
16amp rotary 1ph, 240v isolator at power pack location

Most installations require a clear 100mm to 300mm safety zone to either side of the lift platform to prevent shearing and trapping

The builder is responsible for suitably protecting floor and wall surfaces to prevent damage during positioning and installation.

Most lifts are off loaded using a crane equipped vehicle. It is the builder's responsibility to ensure we have sufficient roadside space available. Parking bay suspensions, road closures and permits are the builder's responsibility. Overhead removal of cables is also the builder's responsibility.

Site must be fully prepared prior to installation. Failure to prepare the site correctly may result in additional costs being chargeable



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When we design a platform lift we think of it as a vehicle for vertical transportation. It must be beautiful and a joy to use.



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Lyfthaus Ltd Steeple Bumpstead England CB9 7BN

Tel: 01440 731111 lifts@lyfthaus.com

www.mylyft.com

Designed & built in Steeple Bumpstead England