



Bespoke Premium Creative Freedom of Choice for Architects and Designers

Beautiful Spaces Made
Beautifully Accessible

Raised in Cambridge, England

Architect & Designers Guide
to Beautiful, Bespoke Open
Aspect Platform Lifts

Let's Get Creative!

We are delighted to provide this simple guide that is intended to provide you with the essential advice you need when first considering an open aspect platform lift for your project. To steer you in the right direction and past the pitfalls when making your selection and to assist you when giving your recommendations to your clients.



Why Open Aspect?

There are lots of reasons to choose an open aspect lift. The main reason for architects is that they do not require a big ugly box enclosure that extends 2M+ beyond the upper level - no shaft required. This makes your lift more compact and much less obtrusive. There is also no requirement for a bulky lifting mast as the mechanism is hidden in the pit and the lift is far more adaptable. The lift can be used to access conventional areas such as building entrances and adjacent to steps or less conventional applications such as lightwell basements and stairwells. For the operator it's a much more pleasant travelling experience as they are not trapped inside a confined space which for many is very uncomfortable.



Tailor made exclusively for your project



The Design Basics:

We need to know a few things to get us started with the lift mechanism basics before we can look at the style of your platform lift and all the creative elements.

- Firstly how high do you need to travel? Tell us what the distance is between the two (or more) floors.
- Where will the lift be located?
- Which sides of the platform do you need your access gates?
- Do you have any specific platform size limitations?
- Can you accommodate a lift pit excavation?
- What type of flooring do you want?

Once we know the answers to these questions we can consider the style of the lift and how we can make it blend seamlessly with your built environment

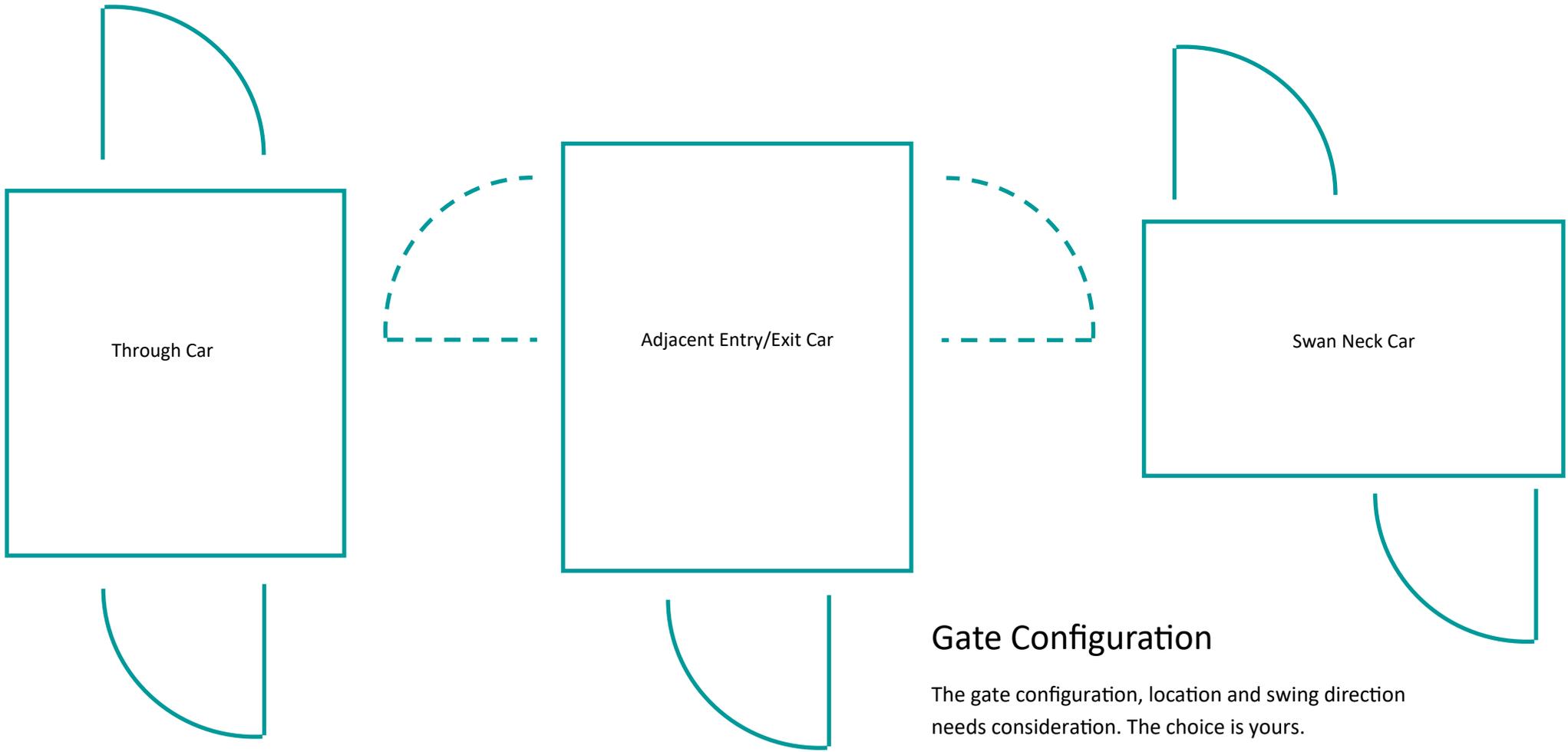


Let's Get Creative!

Benefit from our experience and our love of beautiful platform lift design - think outside the big intimidating beige plastic box, platform lifts have changed. Now let's get creative! Platform lifts have come of age with highly adaptable designs that enhance the built environment and the operator experience. This is why architects and designers choose The Premium Collection by Lyfthaus. Our range of lifts is developed with architects, we wanted to know what was important to you and everything that we learnt has influence and inspired The Premium Collection. Bespoke platform lifts designed for prestige property by architects.

Tailor made exclusively for your project







Visual Impact:

From big statements to discreet details, your lift must enhance the built environment. It's important to us that we understand your design intent so that we can translate your creative vision into platform lift reality.

Now that we have all the base information (height and size etc) we can start to consider how we can integrate the design into your architecture and create as much or as little visual impact as you desire.

- Can you provide design clues? Images, drawings, samples. Can we survey site?
- Do we need to match or complement adjacent or local balustrade styles or design accents within the building?
- Do you want us to use specific materials and finishes?
- Is there a design theme we need to include?
- Does the lift need to be invisible?

Your answers and the information you provide will give us the details we need to start the design process.

Let's Get Creative!

At Lyfthaus we provide freedom of choice. Now we can get creative and design a platform lift that complements your space beautifully.

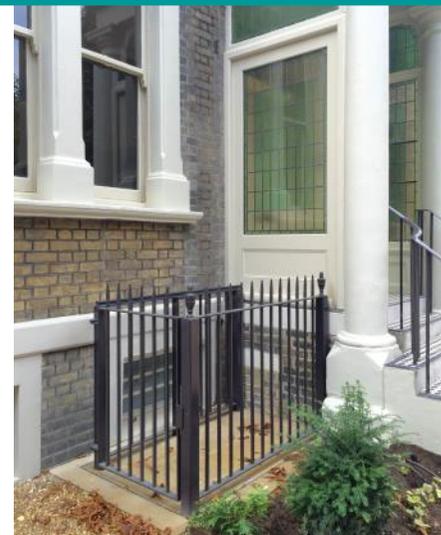
Beautiful spaces made beautifully accessible by Lyfthaus.



Hand Crafted Oak



Cast Steel Spear Finials



Powder Coated Steel and Glass



Chemically Blackened Steel



Stainless Steel and Glass



Replica Cast Aluminium



Bronze and Brass



Interbronze Powder Coat



Stainless Steel and Glass



Lacquered Steel

Style & Design: Lifts without Limits

Examples of different styles and finishes in heritage and contemporary spaces



Freedom of Choice for Architects and Designers

Your Project Location:

Tell us about your site. Where is it? What type of property is it? Is there anything we need to know?

- Most platform lifts are delivered by HiAB, can we access site?
- Where will the lift be located in relation to the entrance?
- Is the lift on the ground floor?
- Will there be space to work?
- Are there any delivery restriction?
- Where can we park our vehicles?
- Are there welfare facilities?
- Will we need special lifting equipment
- Can the floor support the lift and our equipment?

There are many things we need to know about the location and we will make a survey visit to ensure we have all the details we need. By answering the questions above we can provide an accurate proposal.



Beautiful spaces made
beautifully accessible

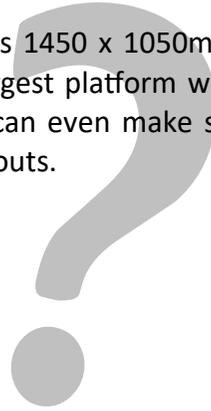


LiftHans

Heights and size

From 100mm to 3000mm and every lift travel in-between. Low profile, single, double and triple scissor mechanisms are available. With lowered heights from only 80mm. We always recommend pit installation to provide 100% ramp free access. With a pit the platform is level with the surrounding floor surface. The platform can be supplied with a tray to accommodate your choice of floor so it matches or complements adjacent floor finishes. From floor to lift, the transition will be seamless.

The minimum (free-standing) platform size is 1450 x 1050mm and from here it's entirely your choice* - the largest platform we have produced to date is 3000 x 4000mm! We can even make shaped platforms with curved edges, angles and cut-outs.



Beautiful spaces made
beautifully accessible



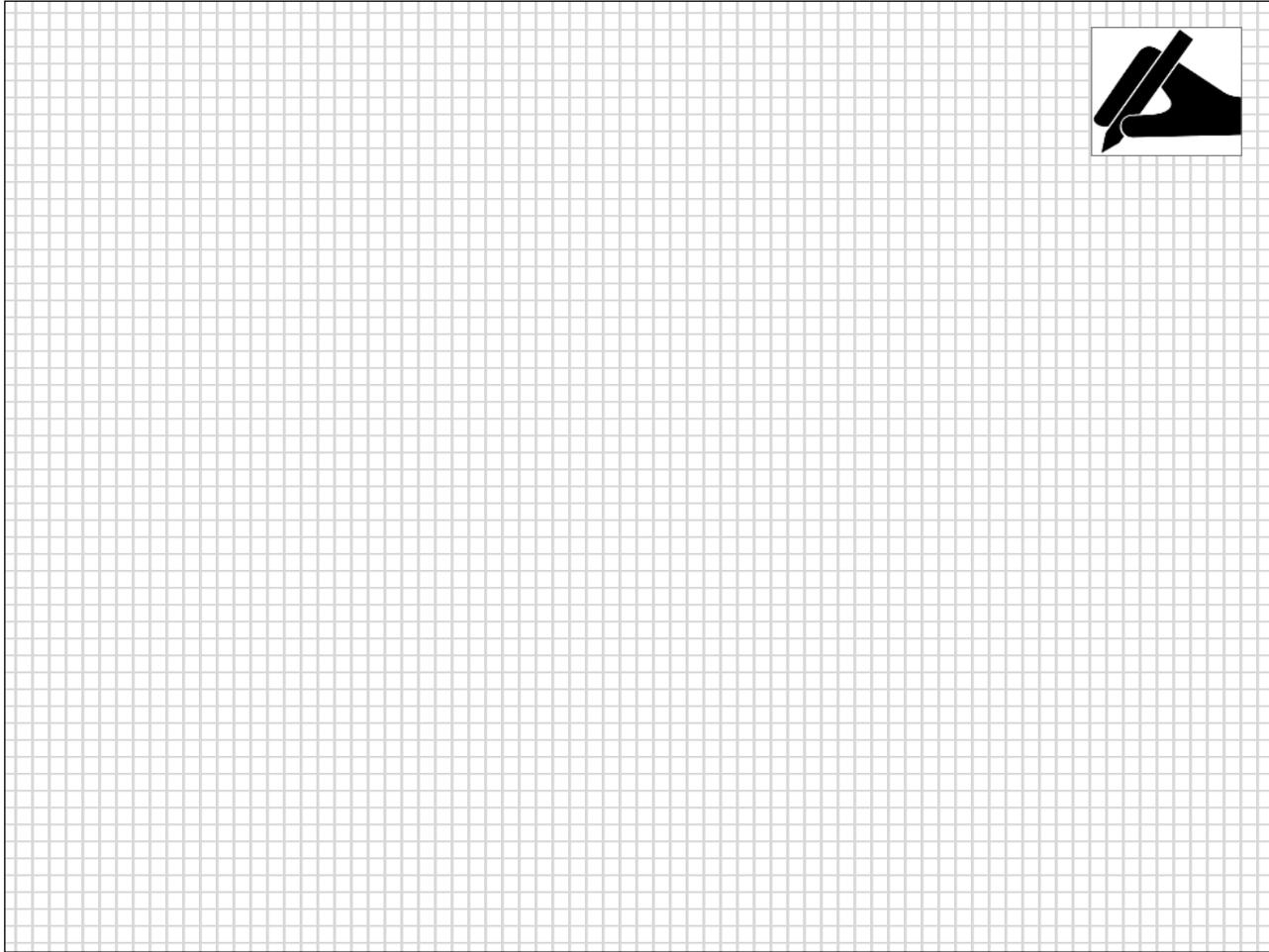
LiftHaus

Compliance

We work to BS6440/2011 and the machinery directive. All lifts are CE marked and supplied with BS certification and a European Declaration of Conformity. For some very special requirements we may need to discuss the inclusion of caveats.

Drawings

Within 2-3 weeks of receiving your instruction and agreeing commercial terms you will receive full design drawings including isometric views. Prior to this we are happy to provide generic design drawings



Beautiful spaces made
beautifully accessible

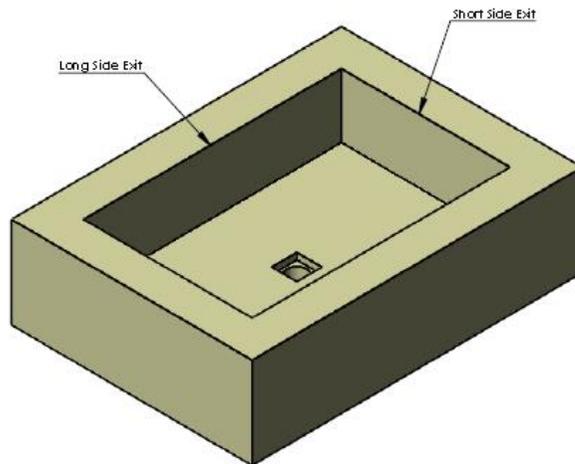


A Pit is Preferred

Pit installation is always preferred, ramps should be avoided. The transition from lower floor to the lift platform should be seamless with flooring in the lift that matches or complements adjacent surfaces.

The pit should have drainage if external and ducting for hydraulic and power feeds.

The lift mechanism lives inside the pit, no ugly masts!



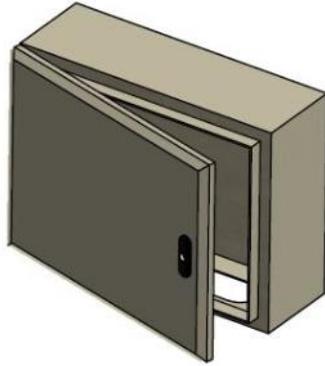
Beautiful spaces made
beautifully accessible



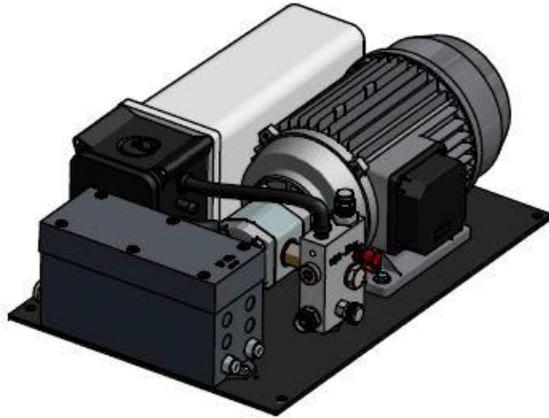
LiftHaus

Power Pack & Panel

The power pack (which includes your emergency lowering control) and panel need to be located within 15M of the platform lifts location. They are typically stored in a cupboard which needs lighting and enough space to work for servicing and maintenance.



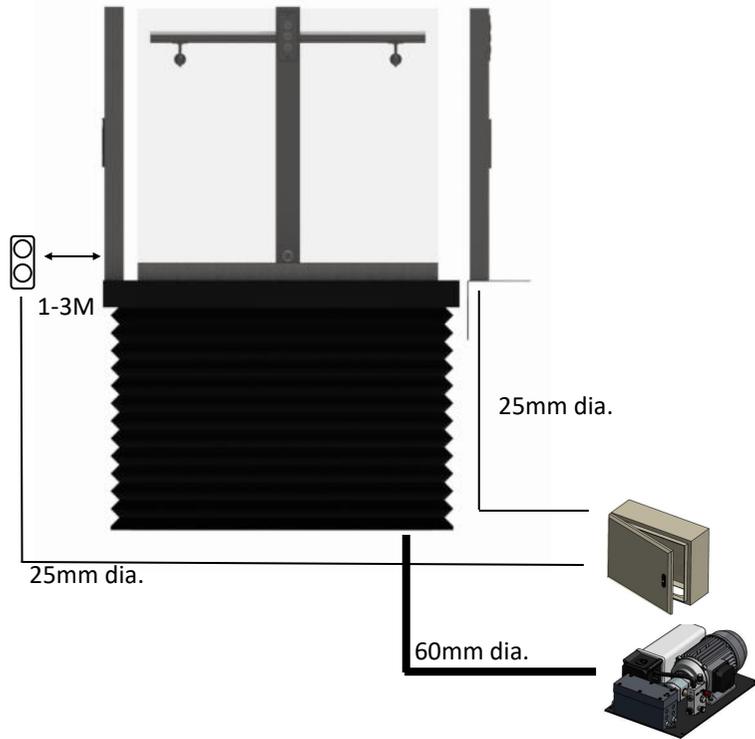
Generally a 1ph, 16amp rotary isolator is required.



Beautiful spaces made
beautifully accessible



Ducting and Cable Routing



Beautiful spaces made
beautifully accessible



Servicing, Maintenance & Warranty

Your clients new platform lift will need regular servicing. It is a requirement that it is serviced and has a safety inspection at least every six months, more for intensively used platform lifts. We can arrange a service contract or you can use a local provider.

A three year parts and labour warranty and five year structural guarantee are included with most platform lifts.



Beautiful spaces made
beautifully accessible





Beautiful spaces made
beautifully accessible

Let's Get Creative!

Lythans