

## Architects Hydraulic Platform Lift Specification.

The lift manufacturer is to design, supply, install and commission 1 no platform lift for the above development, to the details laid out below and to the finishes specified by the architect. There will be no deviation from the specification detailed below. The installation shall comply with machinery directive, the unit being type tested by a notified body and issued with a CE type certificate of conformity.

No of lifts Required	- One Platform
Platform Size	- 1250mm x 900mm / 1400mm x 1100mm <b>Part M Compliant</b>
Shaft Size	- 1400mm x 1100mm / 1550mm x 1300mm
Pit Depth	- 85mm / or Ramp provided
Load	- 300kgs / 400kgs
Travel FFL – FFL	- To suit. Max Travel 2.0m with Gate / 5.0m with Door
Shaft Height	- To suit
No of floors served	- Max 3
Drive Speed	- Direct Acting Hydraulic Type

### Electrics

Voltage	- <b>240v, 1 phase, 50Hz, 13 amp lockable isolator</b>
Controls	- 40mm Diameter Push Buttons located at each landing. 40mm Diameter Push Buttons on platform console. Up/Down/Stop and Alarm. All push buttons to be “hold to run” as required by codes. All push buttons are illuminated with a raised profile.
Lighting	- Push buttons within the carriage are to be lit using a 24v fluorescent tube. A shaft roof and light is to be supplied to meet building regulations if required.

Alarm	- Battery supported alarm button to be fitted to the platform console.
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### Hydraulics

- Pump and Motor must be located within 5m of the unit and in view of the platform when hand lowering. Housed in a steel locked cabinet 800mm wide x 600mm high x 300mm deep  
A pipe break valve is fitted to the cylinder to arrest any fall in the unlikely event of a pipe return.

## **Doors**

Entry/Exit configuration  
Door lower landing

- **Single/Through/Adjacent Entry Exit**
- 2.0m high x 0.9m wide swing door style. Door to be glazed with option of solid section at lower half. Door closers must be concealed. Power operated centre opening doors are available.

Door Upper landing

- 1.1m x 0.9m glazed gate for all travels below 2.0m. Doors are fitted with concealed door closers. Power operated centre opening gates are available.
- 2.0m high x 0.9m wide swing door style all as lower landing door. Door closers must be concealed. Power operated centre opening doors are available. Doors are to be electrically and mechanically interlocked to the lift motion.

## **Finish**

- Carriage panel in standard ABS pearl finish. Door / Gate to be finished in standard colours. The finish for all steel work is a high quality textured powder coat finish. Standard colours are Honey Biege (08 C 17), Goosewing Grey (00 A 05) or Pearl White (22 E 15). Other colours are available upon request.

## **Enclosure**

- **Steel infill to lower section / full glass enclosure**

Pit Recess

- **85mm pit recess / ramp provided by Axess 4 All.** Pit props must not be visible from outside the shaft.
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## **Platform**

Flooring  
Handrail

- To be non-slip rubber - colour grey.
- A handrail is to be supplied on the platform.

## **Installation**

- Lift to be delivered and offloaded at site. The equipment is to be positioned adjacent to the pit. The lift is to be wired to the isolator (supplied by others).

**There is no provision for a lifting beam. Lift type must not require one.**

Operating procedures and demonstration

- Upon satisfactory completion of the commissioning the lift manufacturer will be required to demonstrate to the client's representative the operation of the lift and the procedure for emergency release. A full operating and maintenance manual containing drawings, operating procedures, emergency actions, control settings, recommended spares and a complete set of test certification shall also be made available and handed over.

Safety features

- A pipe break valve is fitted to the cylinder to arrest any fall in the unlikely event of a pipe rupture. Hand lowering must be from the lowest level bringing the trapped person towards the rescuer. A key must be provided for emergency access through the entrance doors to the lift. Safety edge provided around the edge of the platform and also between carriage and shaft wall to stop travel if contact is made. An emergency stop button is to be fitted to the platform console. Emergency battery lowering. Simple hydraulic valve located in control cabinet.