Hydraulic Platform Lift Standard Layout & Builders Work 1400 x 900
Platform Front Opening

13 SP&N Supply to be terminated in an isolator adjacent to the control cubicle
together with a BT Telephone point

Control cubicle to be located within 5m of the inlet to the cylinder. 700 Clear working
space to be provide to the front of the enclosure

Type: Disabled Access Platform Lift
Drive: Hydraulic side direct acting
Rated Load: 400 Kg
Travel: Maximum of 6.0 metres
No. of Stops: Maximum of 4 Stops
Configuration: Front Opening
Supply: 230v 1 Phase 50 Hz
Running Current: 4.5 amps
Starting Current: 18 amps
Enclosure: Steel/Glazed Panels
Door Type: Steel with Glazed Insert
Door Fire Rating: None

Issued for information only
**CONSTRUCTION NOTES**

THE FOLLOWING WORK SHALL BE COMPLETED PRIOR TO LIFT INSTALLATION PROCEDURE. ENSURE THE BUILDING FABRIC CAN WITHSTAND THE LOADS AS SHOWN.

**WORKS BY OTHERS**

1. Form a basal bearing pit to the dimensions shown. If the lift is external make provision to prevent standing water in the pit.
2. Provide a suitable footprint for the lift to the dimensions shown.
3. Provide a lifting point at the upper threshold for the lift fittings. Push pull load 130kg.
4. Provide a dedicated 3Ph supply terminated in a boxable isolator as shown at the lower level.
5. Dedicated analogue telephone adjacent to the isolator.
6. Provide a 150mm diameter duct or trunking from the control cabin to the long side of the lift at the lower level.
7. Clear access to the installation area.
8. Assistance with offloading and unloading of the lift equipment.
9. Storage area close to the lift installation.
10. Full protection at the upper level.
11. Clear working area for installation.
12. Welfare facilities.
13. 110v power for tooling.
14. 230v external rated with socket outlet close to the lift for future maintenance operations.
15. 5Lux illumination at both levels for code compliance.
16. 200Lux illumination at floor level in front of the control cabin.
17. 1500 turning circle at both levels for disabled access.

**TECHNICAL SPECIFICATION**

1. **CONTRACT LOAD** 4000Kg
2. **PLATFORM SPEED IF TRAVEL EXCEEDS 1400mm** 0.1m/s
3. **CONTROL SYSTEM VOLTAGE** 24V
4. **POWER SUPPLY** 240V 13A

**ELECTRICAL DATA**

1. **MOTOR** 0.55kW
2. **STARTING CURRENT** 16A
3. **RUNNING CURRENT** 4.5A

**FINISHES**

1. **Lift Enclosure** TBA at contract stage
2. **Doors and Frames** TBA at contract stage
3. **Control Box** B2 23 B15 Pearl Gray
4. **Carriage Centre Covers** Standard Anthracite (contrast for compliance)
5. **Carriage Side Panels** Standard Pearl (contrast for compliance)
6. **Carriage Floor** Black Studied Rubber

**CONTROL CABINET INFORMATION**

OUR CONTROL CABINET WILL BE A WEATHER PROOF CONSTRUCTION TO A SS STANDARD AND SHALL BE MOUNTED IN A SUITABLE POSITION NOT MORE THAN 5M FROM THE GUIDE BASE PLATE. BUILDER TO INSTALL A PLASIC DUCT 100 X 100 FROM THE CUBICLE TO THE LIFT SHAFT AREA. THERE SHALL BE ADEQUATE LIGHTING AND ACCESS TO THE CONTROL CABINET FOR MAINTENANCE AND EMERGENCY PROCEDURES TO BE CARRIED OUT

WEIGHT: 90 - 140 Kg's

**ENCLOSURE LOADING DIAGRAM**

![Diagram of lift enclosure loading](image)

**DENOTES THE POINT AT WHICH THE HYDRAULIC RAM IS PLACED.**

THE OVERALL ENCLOSURE WEIGHT IS DEPENDANT ON THE FLOOR TO FLOOR TRAVEL DIMENSION.

THE ENCLOSURE LOADING DIAGRAM IS SHOWN FOR INFORMAL PURPOSES ONLY, AND IS BASED ON A LIFT OF 6000mm FFL / FFL AND AN ENCLOSURE WEIGHT OF 1750kgs.

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Hydraulic Platform Lift Standard Layout & Builders Works
1400 x 1100 Platform Front Opening

NICHE LIFTS LTD

Drawing by: [Name] Date: [Date] Checked by: [Name] Scale: [Scale]

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