Hydraulic Platform Lift Standard Layout & Builders Work 1250 x 900
Platform Through Opening with Upper Gate

Type: Disabled Access Platform Lift
Drive: Hydraulic Side direct acting
Rated Load: 400 Kg
Travel: Maximum of 0.6 metres
No. of Stops: Maximum of 2 Stops
Configuration: Through Car
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

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

Issued for information only

NICHE LIFTS Ltd
2111/1
Sheet 1 of 2
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 slab bearing pit to the dimensions shown. If the lift is external make provision to prevent standing water in the pit.
2. Provide a plum bed for the lift to the dimensions shown.
3. Provide a fixing point at the upper levels for the lift fittings. Push pull load 100kgs.
4. Provide a dedicated SPaIN supply terminated in a 32amp isolator as shown at the lower level.
5. Dedicated analogue telephone at the adjacent to the isolator.
6. Provide a 150 diameter duct or trunking from the control cubicle in to the long side of the lift at the lower level.
7. Clear access to the installation area.
8. Assistance with offloading and distribution of the lift equipment.
9. Storage area close to the lift installation.
10. Full protection at the upper levels.
11. Clear working area for installation.
12. Welfare facilities.
13. 115v power for tooling.
14. 230v external rated with socket outlet close to the lift for future maintenance operations.
15. 50lux illumination at both levels for code compliance.
16. 200lux illumination at floor level in front of the control cubicle.
17. 1900 turning circle at both levels for disabled access.

TECHNICAL SPECIFICATION
1. CONTRACT LOAD
2. PLATFORM SPEED IF TRAVEL EXCEEDS 1400mm
3. CONTROL SYSTEM VOLTAGE
4. POWER SUPPLY

ELECTRICAL DATA
1. MOTOR
2. STARTING CURRENT
3. RUNNING CURRENT

FINISHES
1. Lift Enclosure
2. Carriage Centre Covers
3. Carriage Side Panels
4. Carriage Floor

CONTROL CABINET INFORMATION
OUR CONTROL CABINET WILL BE A WEATHER PROOF CONSTRUCTION TO BS5838 STANDARD AND SHALL BE MOUNTED IN A SUITABLE POSITION NOT MORE THAN 5Mtrs FROM THE GUIDE BASE PLATE. BUILDER TO INSTALL A PLASTIC 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 PROCEEDURES TO BE CARRIED OUT.

WEIGHT: 90 - 140 Kgs

ENCLOSURE LOADING DIAGRAM
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 600mm FFL / FFL AND AN ENCLOSURE WEIGHT OF 1750kgs.

LIFT THRESHOLD PLATE
BY LIFT ENGINEER

FLOOR FIXING BY LIFT ENGINEER M8 X 30

PULL OUT LOAD 100KG PER FIXING

LIFT THRESHOLD FIXING DETAIL

Issued for information only

NICHIE LIFTS Ltd
Do not scale this drawing. All dimensions in millimetres

Hydraulic Platform Lift Standard Layout & Builders Work 1250 x 900
Platform Through Opening with Upper Gate