

TECHNICAL SPECIFICATION

MODEL Ref:- LSL/8/H/C/F(900)
Load – 8 person. Power system - Hydraulic



TECHNICAL SPECIFICATION

TYPE OF LIFT LIFT MODEL

Passenger LSL / 8 / H / C / F(900)

RATED SPEED

0.6m/s

CAPACITY

8 person (630kg)

MAXIMUM NUMBER OF FLOORS SERVED

7

MAXIMUM LIFT TRAVEL

18000mm

CONFIGURATION

Single entry

NUMBER OF CAR ENTRANCES

1

SHAFT DIMENSIONS

2000mm wide x 1700mm deep

INTERNAL CAR DIMENSIONS

1100mm wide x 1400mm deep x 2150mm high

PIT DEPTH

1200mm

HEADROOM

Finished floor level of 3600mm (between top floor served underside cap in the lift shaft)

CONTROL SYSTEM

Automatic Push Button

DRIVE UNIT TYPE

A compact hydraulic machine room less configuration (located in the free-standing cabinet)

LAVELLING ACCURACY

+/- 6mm in accordance with EN81

LIFT MOVEMENT

Motor starts 30 times per hour equating to 60 lift movements

POWER REQUIREMENT

415 volts, 3phase 50 Hertz

CAR DOORS

Two panel centre opening

LANDING DOORS

Two panel centre opening

CLEAR OPENING

900mm wide x 2000mm high

FIRE RATING

120min to BS 476

DOOR SAFETY

A full height non-contact electronic safety curtain (re-opens car and landing doors in case of a closing caused by a detected obstruction)

ARCHITRAVES

Slim line entrance frames



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SCHEDULE OF FINISHES –

REFER TO CAR DESIGNS FOR ACTUAL FINISHES

WALLS

Decorative panels

FLOOR

Non-slip vinyl or studded rubber car selected from our standard range

MIRROR

Half Height, full width, located on the rear wall

CAR DOORS

Stainless Steel

LANDING ARCHITRAVES

Stainless steel

CONTROLLER CABINET

As the landing entrance

CEILING

Decorative white panels with flush mounted LED spot lighting incorporating emergency lift selected from our standard range

HANDRAIL

Tubular stainless steel, located on the side wall opposite station

CAR STATION

Stainless Steel

LANDING DOORS

Stainless steel

LANDING FACE PLATE

Stainless Steel

SCHEDULE OF INDICATORS –

REFER TO SCHEDULE OF INDICATORS FOR ACTUAL DETAILS

CAR PUSH STATION

Full set of pushes in car station 400mm from the door face

EMERGENCY COMMUNICATION

Automatic dialling emergency telephone activated upon pressing alarm push

LANDING PUSHES

Micro movement illuminating pushes, incorporating tactile legends compliant with the requirements of EN81-70

LANDING INDICATORS

Direction arrows located above door on all landings

FEATURES

Full set of car pushes
Position indicator
Door open button
Alarm
Voice Synthesiser
Overload Indicator
All car pushes incorporate tactile legends compliant with the requirements of EN81-70

SHAFT AND MACHINE ROOM

SHAFT CONSTRUCTION

Constructed by the main contractor to meet the loads imposed and in accordance with the LS Lifts requirements

PIT PROP

Included

MACHINE ROOM LOCATION

Combined Hydraulic & controller cabinet to be located within 3m from the lift shaft at the bottom floor served

PIT LADDER

Included

NOTICES

Electric shock, hand lowering

CONTROLLER MAT

Voltage rated rubber mat included

PIT SOCKET OUTLET

Included

MAINTENANCE SAFETY BARRIER

Fitted to the top of the lift car

SHAFT LIGHTING

To be supplied and installed by the main contractor

COMPLIANCE

As LS Lifts ISO 9001 Quality Management System.

Our offer complies with the relevant sections of:

EN81-2
EN81-28
EN81-70 (DDA)

The installation will be initiated and tested in a manner that complies with the requirements of "The Lift Requirements 1997 Schedule 13".

SERVICING AND WARRANTY

12 MONTH WARRANTY

Included – subject to the lift being maintained by ISO 9001 Approved lift Service Company in accordance with our recommendations.

12 MONTH SERVICING

A type service available at additional cost. Separate 12 month maintenance can be provided on completion of the installation.

SPECIALIST ITEMS INCLUDED/ NOT INCLUDED

INCLUDED DOCUMENTATION

- General Arrangement Drawings
- Technical Manual (1 hard copy, plus 1 CD)
- Health and Safety Documentation as required including the appropriate Method Statements and Risk Assessments

INCLUDED LIFT DELIVERY

- Our offer includes delivery to site based on the following conditions:
- The delivery is a one off on a 40 foot articulated lorry
- The labour to off load the lorry will be provided by LS Lifts
- A fork lift truck with a driver will be required to be provided by the main contractor
- The off-loading area for suitable storage has to be on the same level and adjacent to the lift shaft

LIFT INSTALLATION

Included

To be constructed by the main contractor to LS Lifts requirements

COMMISSIONING

Included

SHAFT PAINTING

To be completed by the main contractor

GUIDE FIXINGS

Unistruts to be supplied and installed into the shaft by the main contractor

LIFTING BEAMS

To be supplied and tested by the main contractor

SCAFFOLDING

To be installed by the main contractor in accordance with the requirements specified by LS Lifts

SHAFT LIGHTING

To be supplied and installed by the main contractor

SCHEDULE OF ATTENDANCES

In order for our requirements to be fulfilled, our offer believes that the following attendances and associated works will be provided by other parties:

- 1) Shared welfare.
- 2) Temporary and task lighting.
- 3) 110volt power within 25m of lift site.
- 4) General protection to fixed material.
- 5) Assistance with uploading and distribution.
- 6) Permanent 3-phase power on commencement of installation OR Generator for temporary power supply.
- 7) Supply and build into lift shaft unistruts to sort out requirements.
- 8) Lifting beam to be supplied, installed, tested and marked with SWL.
- 9) Provision of a permanent lift shaft lighting.
- 10) Provision of scaffolding/ protect fall hazard entrance in the lift shaft.
- 11) If the shaft is constructed oversize and 'screening off' the work will be done by other parties.
- 12) Any forming of holes/ pockets in the lift shaft.
- 13) Structural calculations to verify shaft stability and whether it is using mechanical anchor fixings, masonry to be suitable to accept pull out loads.
- 14) Provision of a dry, clean lift pit, which is waterproofed in case of ground water being present.
- 15) Any third party costs for insurance inspection to be paid by the client.
- 16) Shaft ventilation for smoke in accordance with EN81.
- 17) Provision of suitable conditions for installation and testing.
- 18) Provision of a dedicated telephone line for the lift auto dial system.
- 19) Clear access to lift shaft to be available for 5 m long steel guide rails (reduced lengths available at extra cost).

IF A LIFT MOTOR ROOM IS SPECIFIED THE FOLLOWING ARE REQUIRED:

- 1) Provision of safe, unhindered access to Lift Motor Room.
- 2) 415volt, 3-phase isolator to be terminated in Lift Motor Room to LS Lifts requirements.
- 3) Ventilation of Lift Motor Room in accordance with EN81.
- 4) Supply of all 240volt power, lighting and heating to Lift Motor Room to maintain suitable conditions.

For further details contact LS Lifts on 01327 352513

Or E-mail us on:- sales@lslifts.com