

# TECHNICAL SPECIFICATION

MODEL Ref:- LSL/13/RT/H/S/F(1100)  
Load – 13 person. Power system - Hydraulic



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## TECHNICAL SPECIFICATION

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**TYPE OF LIFT**

Passenger

**LIFT MODEL**

LSL / 13 / RT / H / S / F(1100)

**RATED SPEED**

0.6m/s

**CAPACITY**

13 person (1000kg)

**MAXIMUM NUMBER OF FLOORS SERVED**

7

**MAXIMUM LIFT TRAVEL**

18000mm

**CONFIGURATION**

Single entry

**NUMBER OF CAR ENTRANCES**

1

**SHAFT DIMENSIONS**

2100mm wide x 1800mm deep

**INTERNAL CAR DIMENSIONS**

1600mm 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)

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**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 side opening

**LANDING DOORS**

Two panel side opening

**CLEAR OPENING**

1100mm 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



LS LIFTS Ltd

Caswell Science & Technology Park, Caswell, Nr. Towcester, Northamptonshire NN12 8EQ

Tel: 01327 352513 E-mail: [sales@lslifts.com](mailto:sales@lslifts.com)

Company Number: 9091745

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## SCHEDULE OF FINISHES –

### REFER TO CAR DESIGNS FOR ACTUAL FINISHES

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#### 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

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## SCHEDULE OF INDICATORS –

### REFER TO SCHEDULE OF INDICATORS FOR ACTUAL DETAILS

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#### 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

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## SHAFT AND MACHINE ROOM

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### 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

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## COMPLIANCE

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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".

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## SERVICING AND WARRANTY

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### 12 MONTH WARRANTY

Included – subject to the lift being maintained

### 12 MONTH SERVICING

A type service available at additional cost.



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by ISO 9001 Approved lift Service Company in accordance with our recommendations.

Separate 12 month maintenance can be provided on completion of the installation.

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## SPECIALIST ITEMS INCLUDED/ NOT INCLUDED

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### 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

### LIFT INSTALLATION

Included

### COMMISSIONING

Included

### GUIDE FIXINGS

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

### SCAFFOLDING

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

### 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

To be constructed by the main contractor to LS Lifts requirements

### SHAFT PAINTING

To be completed by the main contractor

### LIFTING BEAMS

To be supplied and tested by the main contractor

### SHAFT LIGHTING

To be supplied and installed by the main contractor

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## SCHEDULE OF ATTENDANCES

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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



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- 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.

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**For further details contact LS Lifts on 01327 352513**

**Or E-mail us on:- [sales@lslifts.com](mailto:sales@lslifts.com)**



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