

# TECHNICAL SPECIFICATION



**MODEL Ref:- LSL/Eco 2i**

**Load – 5-21 person.**

**Power system – GL VVVF – Speed – 2.5m/s**

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## TECHNICAL SPECIFICATION

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### TYPE OF LIFT

Passenger

### LIFT MODEL

LSL /Eco 2i

### RATED SPEEDS

2.5m/s;

### CAPACITY

5 – 21 person

### MAXIMUM NUMBER OF FLOORS SERVED

30

### MAXIMUM LIFT TRAVEL

75000mm

### CONFIGURATION

Single entry or Front & Rear

### NUMBER OF CAR ENTRANCES

1 or 2

### SHAFT DIMENSIONS

To suit car size

### INTERNAL CAR DIMENSIONS

To suit load capacity – Bespoke sizes available

### PIT DEPTH

Dependent upon lift load capacity  
Contact Lifestyle Lifts for details

### HEADROOM

Dependent upon lift load capacity  
Contact Lifestyle Lifts for details

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### CONTROL SYSTEM

Down Collective / Full Collective

### DRIVE UNIT TYPE

Gearless VVf traction drive  
Machine room less configuration

### LEVELLING ACCURACY

+/- 6mm in accordance with EN81

### LIFT MOVEMENT

240 lift movements per hour

### POWER REQUIREMENT

415 volts, 3phase 50 Hertz

### CAR DOORS

Two / four panel centre opening or  
Two panel side opening

### LANDING DOORS

Two/ four panel centre opening or  
Two panel side opening

### CLEAR OPENING

900mm – 1300mm wide x 2000mm – 2100mm 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

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#### WALLS

Decorative panels

#### CEILING

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

#### FLOOR

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

#### HANDRAIL

Tubular stainless steel, located on the side wall opposite car station

#### MIRROR

Half Height, full width, located on the rear wall

#### CAR STATION

Stainless Steel

#### CAR DOORS

Stainless Steel

#### LANDING DOORS

Stainless steel

#### LANDING ARCHITRAVES

Stainless steel

#### LANDING FACE PLATE

Stainless Steel

#### CONTROLLER CABINET

As the landing entrance

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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

#### 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

#### 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, Position indicator at main landing

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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 Lifestyle Lifts requirements

### PIT PROP

Included

### MACHINE ROOM LOCATION

Controller located in front wall at top floor

### 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 Lifestyle Lifts ISO 9001 Quality Management System.

Our offer complies with the relevant sections of:

EN81-1  
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 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.

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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 Lifestyle 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 Lifestyle 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

### SHAFT CONSTRUCTION

To be constructed by the main contractor to Lifestyle 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 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 Lifestyle 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 Lifestyle Lifts on 01327 352513**

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