

# Machine Roomless Passenger Elevators With Belt Motor 450KG Up To 1600kg Made In China

## Specifications :

Price	Contact Us
Brand Name	LSE
Place of Origin	China
Min.Order Quantity	1 set
Payment Terms	T/T, L/C, Western Union, etc.
Supply Ability	10000
Delivery Detail	10-25 working days.
Packaging Details	wooden boxes
Keyword	Passenger Elevators

## Detail Introduction :

(Product Details)

Passenger elevator with machine room

Capacity: 450kg to 1600kg

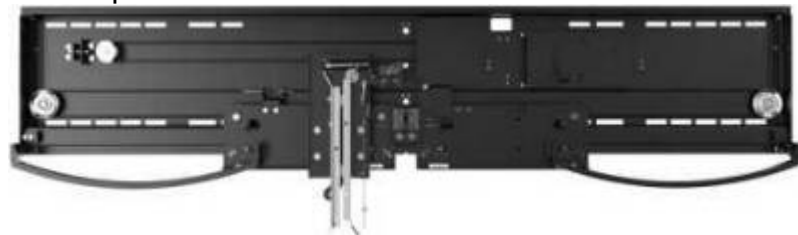
Speed: 1m / s to .75m / s

Motor: Gearless Traction Machine

Control: Monarch with VVVF

Gate Operator: VVVF

Gate Operator



The door motor adopts permanent magnet synchronous frequency conversion motor, which improves the motor output torque, has very low noise and high efficiency, and greatly saves energy consumption.

1.High efficiency, low noise and no debugging

The shortest opening time is 2s, the noise is only 50dB, the operating efficiency is high, and the noise is low. No commissioning after installation on site.

2. ADAPT TO THE COMPLEX ENVIRONMENT OF THE CONSTRUCTION SITE

Wide voltage design can accommodate  $\pm 20\%$  voltage fluctuation and resist site voltage instability.

IP54 motor protection, humidity 98%, can avoid splashing water, dust and mortar at the construction site.

### 3 RELIABLE OPERATION AND LOW FAILURE RATE

3 million times (national standard 2 million times) reliability operation verification. Have a national laboratory. More than 400,000 construction sites are in use and the failure rate is extremely low.

#### Gate Operator Test

Test items	
Static positioning	Switch door curve adjustment
Detection of positive and negative motor rotation.	Clamping torque adjustment switch
Self learning	Input power supply voltage variation range
Demo operation	Power cut, slow shutdown
individual test run	individual test run
Door reopening	Selectable asynchronous door opener function

#### Main parts test

1	Pasaron 12 pruebas de toda la máquina
2	Pasaron 12 pruebas de codificador
3	Pasaron 12 pruebas de motor
4	17 elementos probados por el controlador pasaron

#### Prueba de estado anormal

Test items	
Input power overvoltage, undervoltage	Any of the motor terms that are met will be shorted to ground
Open / close the door by jumping	By plank impact test
Open / close the door jump mechanism	Herring Mortar Test
Encoder failure	Gantry / Upper Threshold Linkage Mortar Test
Poor phase output	External force test and repeatedly push-pull / block
Any of the 3 shorting motors	120kg load endurance test of door planks

#### Control of maneuvering without machine room



### 1. Intelligent control system

The control system adopts special VVVF system and complete computer design modular structure to ensure efficient, comfortable and safe operation of the elevator.

### 2. Advanced technology

All control boards, frequency converters and displays are independently developed and have 106 patents. 32-bit dual microcomputer integrated control is adopted Debugging is simple and can be remotely debugging Automatically learn the encoder angle after a Power outage or fault recovery OMU handheld update Application debugging

### 3. Reliable quality

After more than 100 strict tests before leaving the factory, the product failure rate is less than 0.3%. 8 elevators can be controlled All passed strict environmental, electronic, mechanical and EMC test.

## **Belt motor**



### 1.Silent brake

Adopting a silent brake reduces the noise of 5 ~ 10 (dB) A, makes it a stable and high safety silent motor

### 2.Magnetic steel with good quality

Mature technology, stable structure, thermosetting up to 180 ° degrees, keeping permanent magnetic up to 30 years

### 3.High precision encoder

The adoption of Heidenhain rotary encoder achieves high precision control, keeps the elevator running under perfect speed curve, and ensures comfortable operating experiences.

## **Cabin**



Model: LSE-CA01

Bottom: mirror etched stainless steel ++ Mirror stainless steel

Two Sides: Stainless Steel Etched Mirror + Stainless Steel Mirror

Floor: Marble

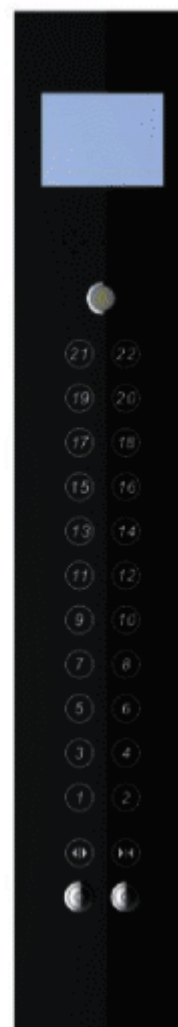
Ceiling: Mirror Stainless Steel + Acrylic

Handrail: Stainless steel

Car keypad display and floor keypad display



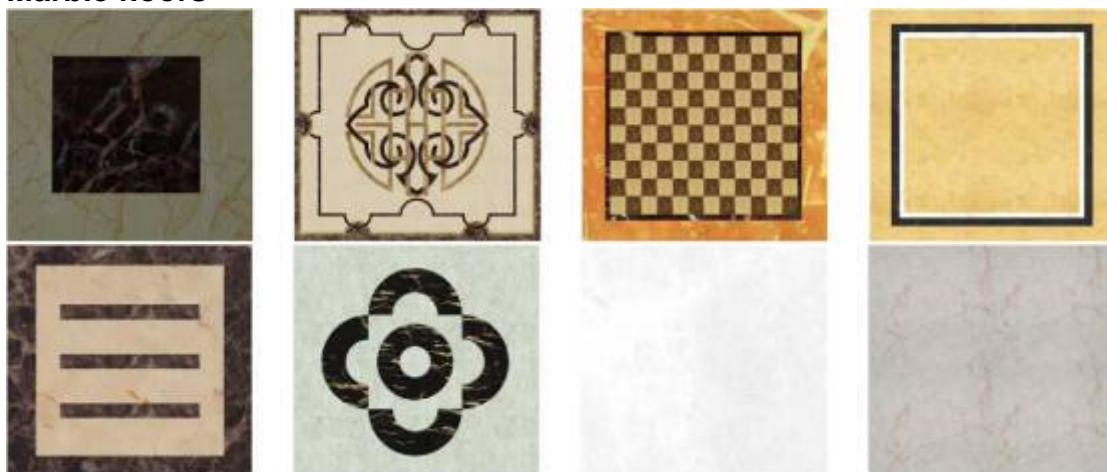
## Keypads







### Marble floors



### Frequently asked questions

#### 1. Price

Re: Send us an inquiry by mail, we will reply to you within 24 hours. It is more convenient and appreciated for us if you provide your company details and detailed elevator inquiry.

#### 2. Payment term

Re: T / T

#### 3. Installation and maintenance

Re: We will send the installation and maintenance manual together with the elevator. Our question is to hire professional local company for installation and future maintenance, Once you need our technical assistant, please feel free to contact us by mail or phone. A technician will be dispatched to the job site if necessary.

#### 4. Shipping conditions and price

Re: Both FOB / CIF / CFR price terms are ok, we have a reliable carrier to help arrange shipment for you. send your message to this provider.