

 PASSENGER ELEVATOR

 PANORAMIC ELEVATOR

 HOME ELEVATOR

 HOSPITAL ELEVATOR

 FREIGHT ELEVATOR

 CAR ELEVATOR

 ESCALATOR

 MOVING WALK

**ALL FOR
TREASURE
AND LIFE**



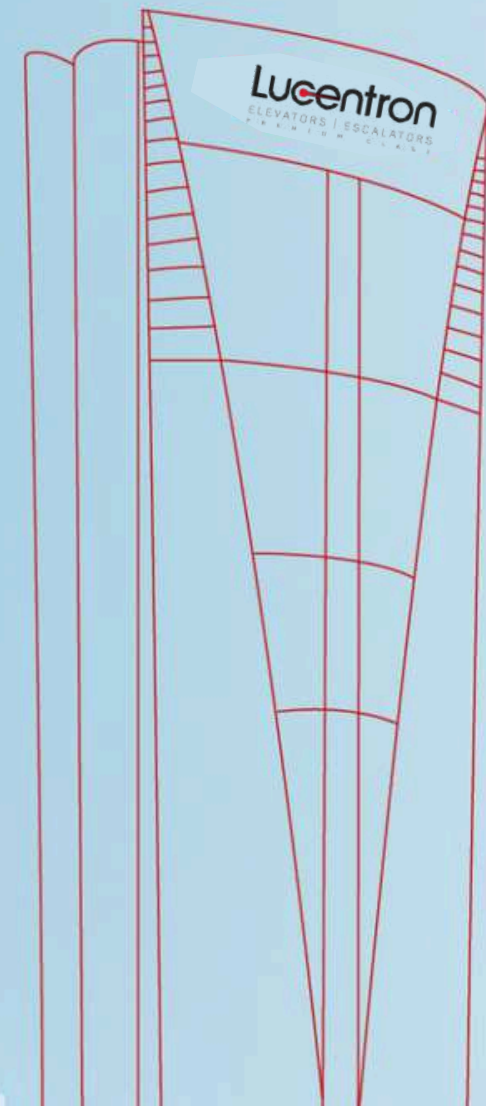
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**BETTER QUALITY,
BETTER TRANSIT FOR
TREASURE AND LIFE**

ABOUT LUCENTRON

Lucentron partner with our finest manufacturing that specialized in elevators, escalators, moving walks, shopping mall moving carts and car parking devices. Our elevator and escalator products that can be divided into 5 major categories and more than 20 varieties were exported to over 100 countries and regions, with more than 500 service branches all over the world.

Based in China mainland, we embrace the advantages of low cost raw material and labor resources which keep our products always more competitive than any of other suppliers around the world.

We are qualified of ISO9001, OHSAS18001 and SA8000 and our products are in compliance with the European Directive 2006/42EC, 95/16/EC, EN115/EN81, CE & EAC certificates.

With more than 20 years of efforts, Lucentron now not only produces a variety of products, such as high speed elevator, observation elevator, MRL elevator, mini machine-room elevator, shopping cart, lift platform, car parking system, freight elevator, commercial escalator, public service escalator and passenger conveyor, and provides old lift and escalator modernization E-pack solution also.

Lucentron has won reputation in both domestic and overseas market for our leading technology and continuous innovative ideas. We are cordially to invite you to join us for a win-win cooperation membership.

PROMINENT AND CLASSIC PROJECT SITES



Kazakhstan, Almaty, JK Complex



Kazakhstan, Astana, JK Complex



Lesotho, Senate Building



Saudi Arabia, Sakaya Compound



South Africa, Durban City Hall



Saudi Arabia, Jeddah

PROMINENT AND CLASSIC PROJECT SITES



Kyrgyzstan, Osh, JK Complex



Kyrgyzstan, Bishkek, JK Complex



Saudi, Riyadh Arabialshraq AlJazeera construction AlRabie



Russia-Фронтная 7



Iran, Mall north of the hemat tower



Russia-Воткинское шоссе 61



Russia-подлесная 32

PROMINENT AND CLASSIC PROJECT SITES



Indonesia, RSUD H. Mursid Indramayu



Indonesia, Swis Belin Indramayu



Indonesia, Universitas Muhamadiyah Cirebon



Indonesia, Gedung Asrama Haji Ternate



Indonesia, Roxy Gandaria Apotek



Indonesia, Hemangini Bandung Hotel



Indonesia, RSUD Indramayu Kita



Indonesia, RSUD Dr. Slamet Garut



Ukraine, Kaunasskaya Building

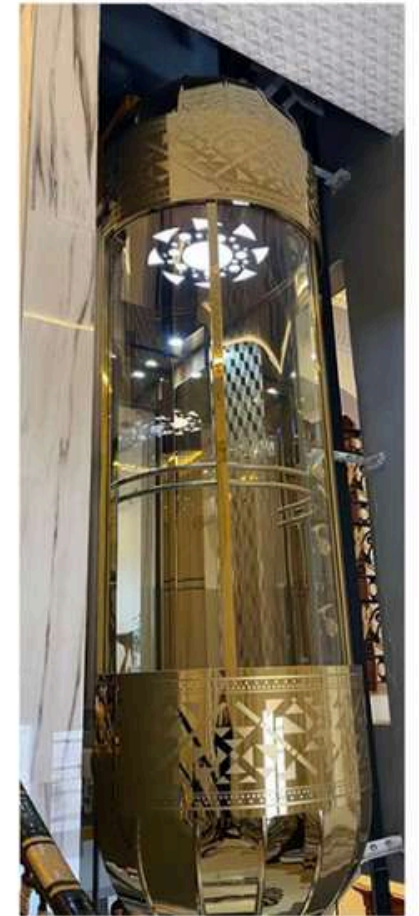
PROMINENT AND CLASSIC PROJECT SITES



Philippines, New Dawn Hotel Parking Building



Qatar-DR, Fatima Youssef Al-muadhadi Building



Qatar-Rashed Al Mansour Al Nuaimi Building



Brazil, Sao Paulo, Varginha Railway Station Terminal



QUALITY CERTIFICATES



CE For MR Elevator



CE For MRL Elevator



CE For MRL Escalator



TYPE EXAMINATION CERTIFICATE



EAC CERTIFICATE

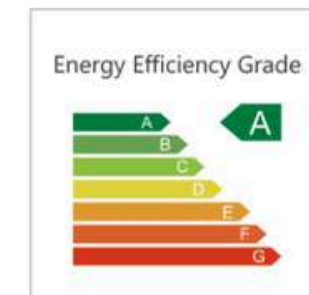
Energy saving and environmental protection



40%
Highest

Energy conservation drive

Permanent magnet synchronous traction machine with strong power, no oil pollution, energy saving is nearly 40%.



20X
Highest

Car LED lighting

Energy consumption is nearly 90% less than the incandescent lamps, and the service life is about 20 times of the ordinary incandescent lamps.



Elevator Active Front End

5min
Longest

Automatically wake up

Car lighting and fan automatically shut down when no one calls for a while, and automatically open when called by passengers, this saves the energy consumption of the elevator at non-operating time.



Elevator Emergency Automatic Rescue Device

30%
Reduce

Energy feedback
technology (optional)

The power generated by the elevator operation can be fed back to the building grid, and other equipment can be supplied. The energy consumption can be reduced by 30%.

Breaking down data barriers

Leading the way in smart-driven

Built-in temperature sensor

The control system transmits the data of the motor to the cloud server in real time through the temperature sensor placed inside, and the cloud server can analyze the service life of each part of the motor through big data analysis of long-term operation, and issue maintenance and maintenance reminders in advance.

When motor temperature reaches the alarm temperature before protection, the control system will automatically reduce the frequency and speed of use, so that its temperature drops, avoiding the occurrence of motor thermal protection and keeping the elevator running. It also ensures that the motor operates within a safe temperature range, increasing the life of the motor. At the same time, the information is sent to maintenance personnel through the Internet of Things.

Smart brake micro switch

The temperature of the brake is monitored in real time by a temperature sensor placed inside the motor. When the brake is not fully opened and the braking wheel is in friction, the temperature of the brake rises. When the set temperature value is reached, an alarm is given, the elevator runs to the level position, the door opened, and stopped to ensure the safety of the operation. And through the Internet of Things to notify the maintenance personnel to deal with it in time. Equipped with a built-in intelligent micro-detection switch sensor, it monitors the size of the brake clearance, with a long life and there is no needs for adjustment.

Digital microswitch

Realize brake actions monitoring, maintenance gap monitoring and brake pad wear monitoring.



Better product performance

Wide voltage application:

The voltage adaptation range has been extends from $\sim 10\% \sim 15\%$ to $\sim 20\% \sim 15\%$.

It can still operate at low speed under low voltage conditions, without stopping the elevator or reporting faults.

High ambient temperature adaptability

Optimized components (capacitors/fans, etc.) can adapt to an ambient temperature of 55°C .

The new version of the products enjoy **3 years** quality assurance.



Note: Power consumption is required for temperatures above 50 degrees.

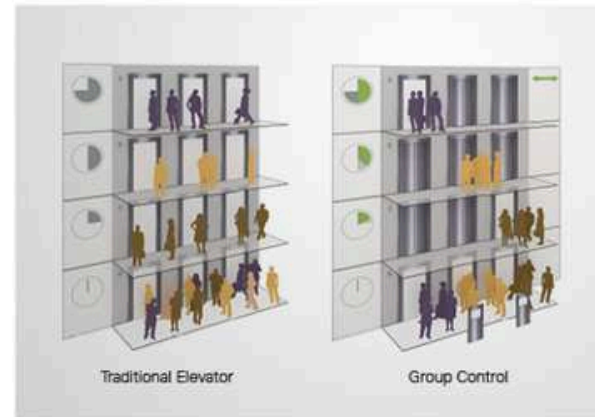


New INT version

Intelligent technology, Customized service

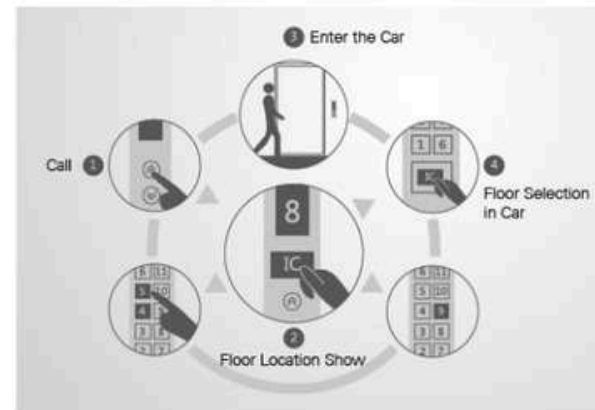
Intelligent group control management

The group control procedure is used to make a rational plan for calling quickly, shorten the waiting time and flexible response to the change of passenger flow.



Intelligent elevator control function

According to user needs, you can choose IC card, password, fingerprint, VIP and other elevator control function, create your private areas.



Car space purification solution

Lucentron elevator is equipped with exclusively developed environment-friendly car fan, which can supply purified air, remove PM2.5, kill virus, purify air, and provide healthy and clean air for passengers;

Removing particle (PM2.5) and mold from the air while sending air into car;

Through the circulated air purification within the elevator, virus in the air are continuously killed, especially the flu virus, reducing the probability of flu spread in the elevator. (UV disinfection is proved to be effective against the virus like Covid-19);

Through the circulated air purification within the elevator, the air in the elevator is continuously purified and removed of various odors such as smoke and volatile organic compounds.



Earthquake Monitoring System

Before or when earthquake happens, the system sends the signal to elevator controller which will level the car to the nearest floor and open the door to evacuate the passengers.



Voltage Regulator

It keeps the stability of the voltage and make sure the elevator runs stable.



Fire Resistance Door

By using Lucentron fire proof doors, the car can resist fire for one hour or two hours.



One-button for intelligence love at first sight

Non-touch induction button

The new technology ensures sensitive induction, providing abundant visual and non-touch experience.

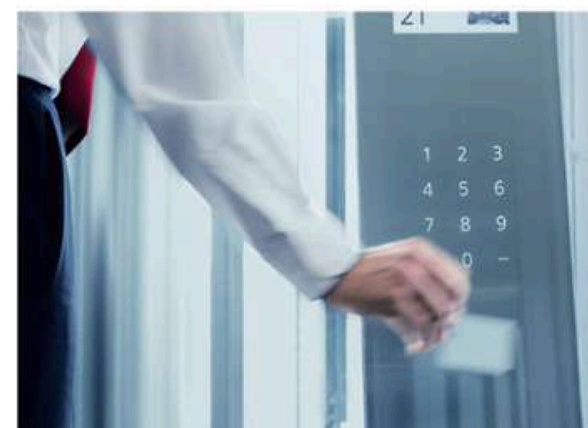
It can sense signals without finger touch, which can effectively prevent bacteria.

When a person approaches the induction area (the induction distance is 1mm), it detects and sends the corresponding signal, Which realizes the calling of elevator without touching the button.



Waterproof dynamic face wifi access control machine

- Face verification door opening
- Wechat scan the door
- Swipe card to open the door (limited time)
- Small program door opening (unlimited distance)
- Visitors temporary key to open the door (limited time)
- Support attendance, often open time group



Intelligent management system of building

The management system adopts IC card's intelligent identification system and establishes a big data system to accurately manage the travel safety of residents.



Salvagnini production line
Italy Salvagnini
Fully automatic flexible metal plate production line and
robot integrative digital compound system

**To adopt the advanced quality
developing strategy,
We are upgrading comprehensively
to environment friendly and intelligent
manufacturing and services.**

Lucentron is active to promote advanced quality developing strategy, we are always seeking to adopt environment friendly, intelligent, digital and informational technology. After building the Intelligent Manufacturing Command Center and Intelligent Service Command Center, we integrated our 9 major functional areas to achieve a network distribution of production systems, management systems, and sales service systems. It optimized the manufacturing processes and production flows, and achieved the maximization of value in production and service.



Robot vertical welding workstation



Germany WAGNER automatic spraying production line + Swiss ABB robot
full-automatic laminating and packing line



Landing door welding line



Car wall automatic line

PASSENGER ELEVATOR



Small machine room passenger elevator

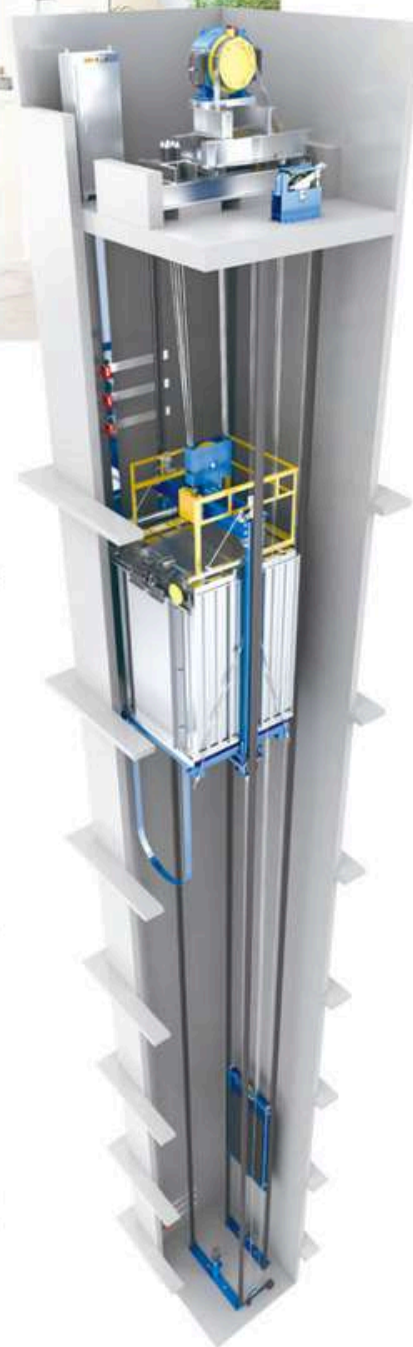
To save and utilize more space of the building, achieve a more elegant building appearance, and make more flexible and reliable operation, Lucentron small machine room passenger elevator with compact PM gearless traction machine and special design control cabinet makes achieves the aim.

Saving up to 40% energy

The PM gearless machine reduces 40% energy consumption which realizes the aim of elevator mainframe maintenance free.

Saving up to 50% area of machine room

Room space is just an extension of the elevator hoistway, so the construction is convenient, low energy consumption and cost. Compact gearless permanent magnet synchronous machine can provide room for more space, placing the other control device.



Machine roomless passenger elevator

In order to know the concept of environmental protection, energy saving, saving building area, improve the degree of freedom in design is the responsibility of the Lucentron elevator without machine room, fully reflects the green spirit of humanity, the elevator needs only one independent shaft space, without room, with the same load weight level than traditional elevators, saving energy by 40%, save construction area of 10%.

Saving up to 40% energy

The PM gearless machine reduces 40% energy consumption which realizes the aim of elevator mainframe maintenance free.

Saving up to 10% area of construction

Lucentron machine roomless elevator saves even more space. The combined machine room with hoist-way gives the elevator and construction designer more solutions.



PASSENGER ELEVATOR

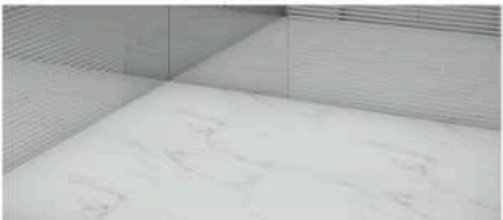
standard specification



FJPN-CE001



FJPN-FL001



FJPN-CA0001

Ceiling:

hairline stainless steel + acrylic

Front Wall:

hairline stainless steel

Side Wall:

mirror stainless steel + mirror stainless steel etching

Rear Wall:

mirror stainless steel + mirror stainless steel etching

Handrail:

hairline stainless steel flat handrail

Floor:

mono-stone



Car Show

The pictures are plotted by computer and are likely somewhat different from the actual products.

COP & LOP



FJPN-COP001



FJPN-PB001



FJPN-PB002



FUJI-FIRE-A



FUJI-FIRE-B



FJPN-HOP003



FJPN-HOP001



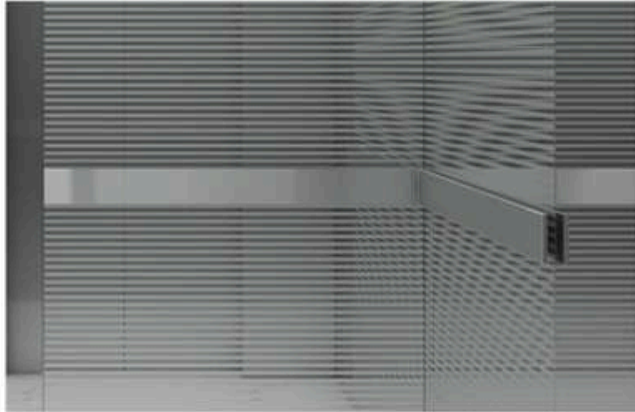
FJPN-HOP002

Landing door



FJPN-LD001

Handrail

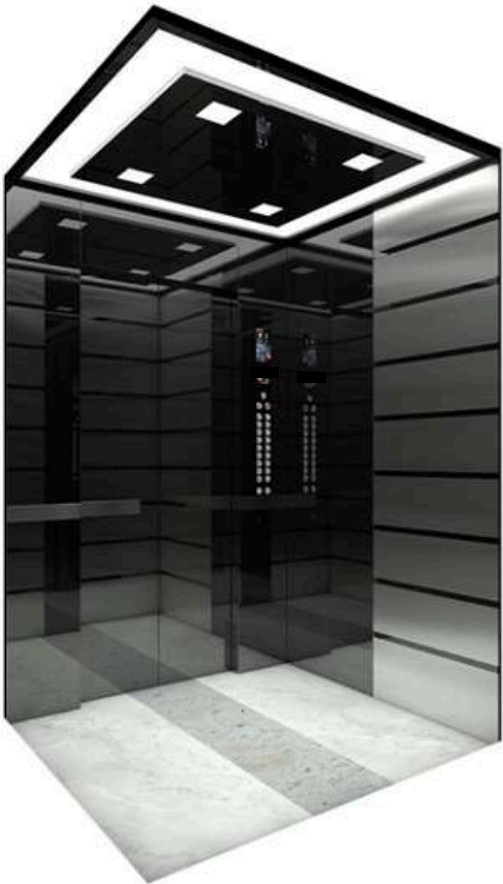


FJPN-HR001

The pictures are plotted by computer and are likely somewhat different from the actual products.

PASSENGER ELEVATOR

standard specification



FJPN-CE002



FJPN-FL002



FJPN-CA0002

Ceiling:

mirror stainless steel + acrylic+ LED lighting

Front Wall:

black mirror stainless steel

Side Wall:

black Ti stainless steel + mirror stainless steel etching

Rear Wall:

black Ti stainless steel + mirror stainless steel etching

Handrail:

brushed stainless steel

Floor:

standard PVC floor (optional marble parquet)



Car Show

The pictures are plotted by computer and are likely somewhat different from the actual products.

COP & LOP



FJPN-COP002



FJPN-HOP004

Landing door



FJPN-LD002

Handrail



FJPN-HR002

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PASSENGER ELEVATOR

optional specification



FJPN-CA0003

- Ceiling: champagne quartz blasted stainless steel + acrylic + LED spotlight
- Front Wall: champagne quartz blasted stainless steel
- Side Wall: champagne quartz blasted stainless steel + champagne quartz mirror stainless steel
- Rear Wall: champagne quartz blasted stainless steel + champagne quartz mirror stainless steel
- Handrail: stainless steel tube
- Floor: standard PVC floor (optional marble parquet)



Car Show

FJPN-CA2001

- Ceiling: sandblasted stainless steel + acrylic lighting
- Front Wall: hairline stainless steel
- Side Wall: mirror stainless steel + wood veneer
- Rear Wall: mirror stainless steel + wood veneer + sandblasted stainless steel frame
- Handrail: mirror stainless steel flat armrest
- Floor: PVC / marble (optional)



Car Show

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COP & LOP



FJPN-COP003



FJPN-HOP005

Wood Veneer Selection



Drygrain



Toffee blackwood



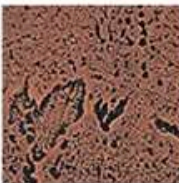
Oak fiberwood



Oiled olivewood



Copper maple leaves



Moon dark copper



Black walnut



Natural ash



Dimpled bronzetone



Diamond antique copper



Ivory



Pearl



Maui

The pictures are plotted by computer and are likely somewhat different from the actual products.

PASSENGER ELEVATOR

optional specification

FJPN-CA0004

Ceiling: mirror stainless steel frame with acrylic craft board
 Front Wall: hairline stainless steel
 Side Wall: hairline stainless steel + mirror etching stainless steel
 Rear Wall: hairline stainless steel + mirror etching stainless steel
 Handrail: hairline stainless steel flat handrail
 Floor: standard PVC floor (optional marble parquet)



FJPN-CA0005

Ceiling: hairline stainless steel + acrylic transparent plate
 Front Wall: hairline stainless steel
 Side Wall: hairline stainless steel + mirror etching stainless steel
 Rear Wall: hairline stainless steel + mirror etching stainless steel
 Handrail: hairline stainless steel flat handrail
 Floor: standard PVC floor (optional marble parquet)



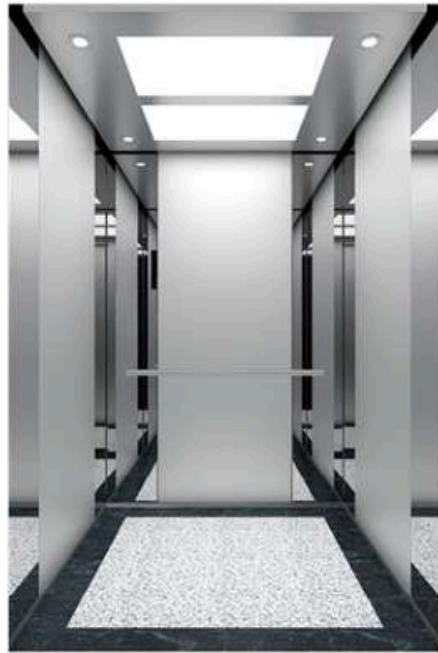
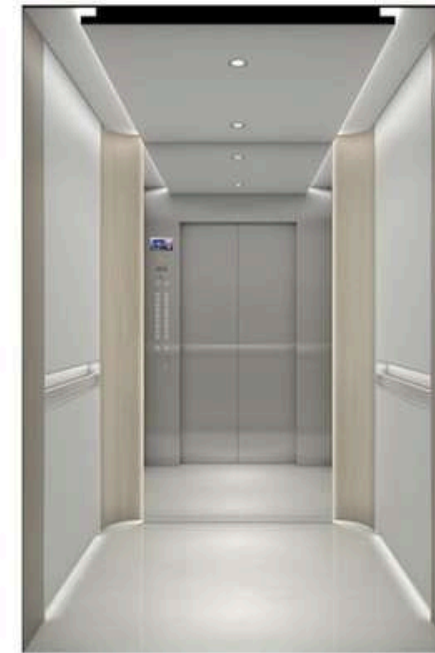
FJPN-CA2002

Ceiling: mirror stainless steel frame with acrylic craft board
 Front Wall: hairline stainless steel
 Side Wall: hairline stainless steel + mirror etching stainless steel
 Rear Wall: hairline stainless steel + mirror etching stainless steel
 Handrail: hairline stainless steel flat handrail
 Floor: standard PVC floor (optional marble parquet)



FJPN-CA2003

Ceiling: hairline stainless steel + acrylic transparent plate
 Front Wall: hairline stainless steel
 Side Wall: wood veneer + mirror etching stainless steel
 Rear Wall: wood veneer + mirror etching stainless steel
 Handrail: hairline stainless steel flat handrail
 Floor: standard PVC floor (optional marble parquet)



FJPN-CA0006

Ceiling: hairline stainless steel frame + acrylic plate + the canister reading lamp with late model LED lighting
 Front Wall: mirror stainless steel
 Side Wall: sand blasting stainless steel + mirror stainless steel
 Rear Wall: sand blasting stainless steel + mirror stainless steel
 Handrail: hairline stainless steel tube
 Floor: PVC / marble (optional)

FJPN-CA0007

Ceiling: mirror stainless steel frame + colored acrylic + LED spotlight
 Front Wall: hairline stainless steel
 Side Wall: hairline stainless steel + mirror stainless steel
 Rear Wall: hairline stainless steel + mirror stainless steel etching
 Handrail: stainless steel + wood
 Floor: standard PVC floor (optional marble parquet)

FJPN-CA2004

Ceiling: wood veneer with metal lines + return light band + downlight
 Front Wall: titanium gold stainless steel
 Side Wall: titanium gold mirror stainless steel + wood veneer
 Rear Wall: titanium gold mirror stainless steel + wood veneer
 Handrail: titanium gold stainless steel tube
 Floor: standard PVC / marble optional

FJPN-CA2005

Ceiling: mirror stainless steel + LED light strip
 Front Wall: hairline stainless steel
 Side Wall: wood veneer + mirror stainless steel
 Rear Wall: mirror etched stainless steel + wood grain steel plate
 Handrail: hairline stainless steel tube
 Floor: marble

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PASSENGER ELEVATOR

optional specification

FJPN-CA2006

Ceiling: mirror stainless steel + LED lamp + silver ring ceiling lamp
 Front Wall: titanium black stainless steel
 Side Wall: titanium black stainless steel + mirror stainless steel
 Rear Wall: titanium black stainless steel + fish belly white artificial rock plate + concealed light strip
 Floor: standard PVC floor (optional marble parquet)



Car Show

FJPN-CA0008

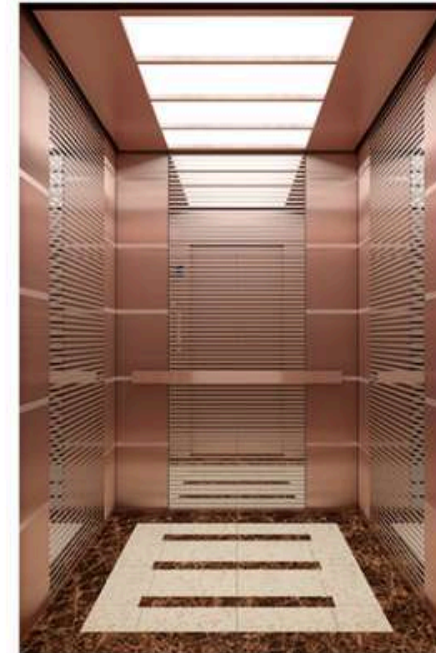
Ceiling: painted steel frame+acrylic
 Front Wall: hairline stainless steel
 Side Wall: hairline stainless steel + titanium black mirror etching stainless steel
 Rear Wall: hairline stainless steel + titanium black mirror etching stainless steel
 Handrail: black titanium stainless steel tube
 Floor: standard PVC floor (optional marble parquet)



Car Show

FJPN-CA0009

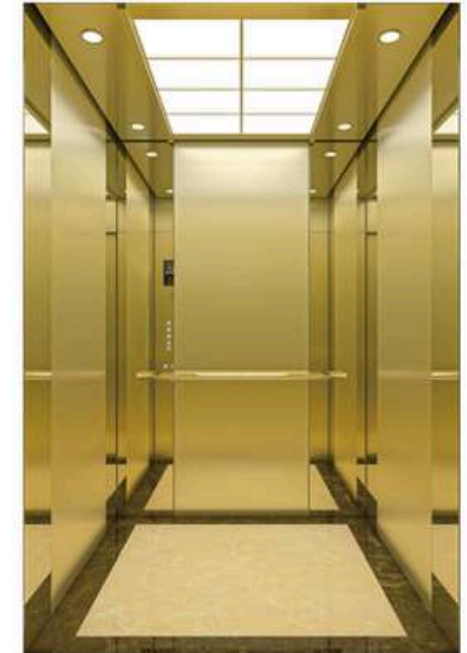
Ceiling: rose gold stainless steel frame + acrylic plate
 Front Wall: rose gold stainless steel
 Side Wall: rose gold mirror etching stainless steel panel + rose gold etching stainless steel panel
 Rear Wall: rose gold mirror etching stainless steel panel + rose gold etching stainless steel panel
 Handrail: rose gold stainless steel flat handrail
 Floor: PVC / marble (optional)



Car Show

FJPN-CA0010

Ceiling: champagne quartz blasted stainless steel + acrylic + LED spotlight
 Front Wall: champagne quartz blasted stainless steel
 Side Wall: champagne quartz blasted stainless steel + champagne quartz mirror stainless steel
 Rear Wall: champagne quartz blasted stainless steel + champagne quartz mirror stainless steel
 Handrail: stainless steel tube
 Floor: standard PVC floor (optional marble parquet)



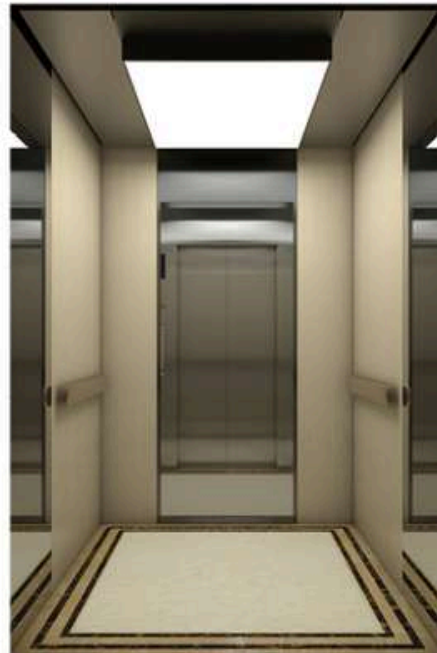
Car Show



Car Show

FJPN-CA2007

Ceiling: black titanium mirror stainless steel + acrylic
 Front Wall: black titanium hairline stainless steel
 Side Wall: wood veneer
 Rear Wall: black titanium hairline stainless steel + marble slab + black titanium mirror stainless steel strip + black titanium mirror stainless steel strip
 Handrail: black titanium stainless steel tube
 Floor: PVC / marble (optional)



Car Show

FJPN-CA2008

Ceiling: sandblasted stainless steel + acrylic lighting decoration
 Front wall: hairline stainless steel
 Side wall: mirror stainless steel + wood veneer
 Rear wall: mirror stainless steel + wood veneer + sandblasted stainless steel frame
 Handrail: mirror stainless steel flat armrest
 Floor: PVC / marble (optional)

FJPN-CA0011

Ceiling: titanium gold mirror stainless steel + acrylic transparent plate
 Front Wall: titanium gold stainless steel
 Side Wall: titanium gold stainless steel + mirror etching stainless steel
 Rear Wall: titanium gold stainless steel + mirror etching stainless steel
 Handrail: titanium gold stainless steel triple pipe handrail
 Floor: standard PVC floor (optional marble parquet)



Car Show

FJPN-CA0012

Ceiling: Ti-gold stainless steel frame with acrylic craft board
 Front Wall: Ti-gold mirror stainless steel
 Side Wall: Ti-gold mirror stainless steel + Ti-gold mirror etching
 Rear Wall: Ti-gold mirror stainless steel + Ti-gold mirror etching
 Handrail: Ti-gold stainless steel and wooden handrail
 Floor: standard PVC floor (optional marble parquet)



Car Show

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PANORAMIC ELEVATOR car decoration and design

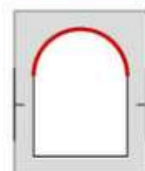
PANORAMIC ELEVATOR

Constructing a novel, unique and beautiful appearance, and superior quality, the new comfortable Lucentron magnificent sightseeing elevator allows you to enjoy the modern architecture of extraordinary charm and luxury. The VVVF inverter-driven energy-saving configuration carries a silent corporate social responsibility to calm and comfortable ride experience, a unique fashion look and style of human interface settings, the full interpretation of the elevator for Lucentron insights into urban life.

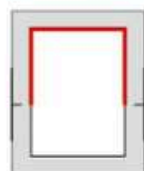
LUCENTRON, a model for art

We strive to give the product super visual beauty to make it the most dazzling scenery of the whole building and make it brilliant and luxurious at nightfall.

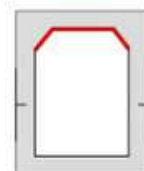
There is a variety of forms to meet different needs.



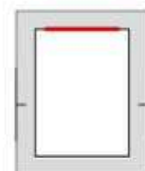
Semi-circular type



Square type



Octagonal type



Future prospects



FJPN-CA3001

Ceiling: hairline stainless steel + acrylic
Front Wall: hairline stainless steel
Side Wall: hairline stainless steel + laminated glass
Rear Wall: hairline stainless steel + laminated glass
Handrail: hairline stainless steel round
Floor: PVC / marble (optional)



Car Show



FJPN-CA1001

Ceiling: mirror stainless steel + acrylic
Front Wall: hairline stainless steel
Side Wall: hairline stainless steel + laminated glass
Rear Wall: hairline stainless steel + laminated glass
Handrail: hairline stainless steel round
Floor: PVC



Car Show

The pictures are plotted by computer and are likely somewhat different from the actual products.

PANORAMIC ELEVATOR

car decoration and design



FJPN-CA1002

Ceiling: stainless steel frame+mirror stainless steel+ acrylic craft board + energy-saving light
 Front Wall: hairline stainless steel
 Side Wall: hairline stainless steel + laminated glass
 Rear Wall: hairline stainless steel + laminated glass
 Handrail: hairline stainless steel round handrail
 Floor: PVC / marble (optional)



Car Show



FJPN-CA1003

Ceiling: black titanium stainless steel + translucent acrylic panel
 Front Wall: black titanium stainless steel
 Side Wall: black titanium stainless steel + laminated glass
 Rear Wall: black titanium stainless steel + laminated glass
 Floor: PVC / marble (optional)



Car Show



FJPN-CA3002

Ceiling: hairline stainless steel frame with acrylic craft board + energy-saving light
 Front Wall: hairline stainless steel
 Side Wall: hairline stainless steel
 Rear Wall: laminated safety glass
 Handrail: hairline stainless steel round handrail
 Floor: PVC / marble (optional)



Car Show



FJPN-CA3003

Ceiling: titanium stainless steel + acrylic lamp decoration
 Front Wall: mirror titanium etched stainless steel
 Side Wall: mirror titanium stainless steel
 Rear Wall: safety laminated glass
 Handrail : titanium-plated stainless steel round tube
 Floor: PVC



Car Show

HOME ELEVATOR

Lucentron home elevator, adopting the word leading technology and the unique design, the practical and fashionable value, achieves high consistence with difference villas and private mansions.

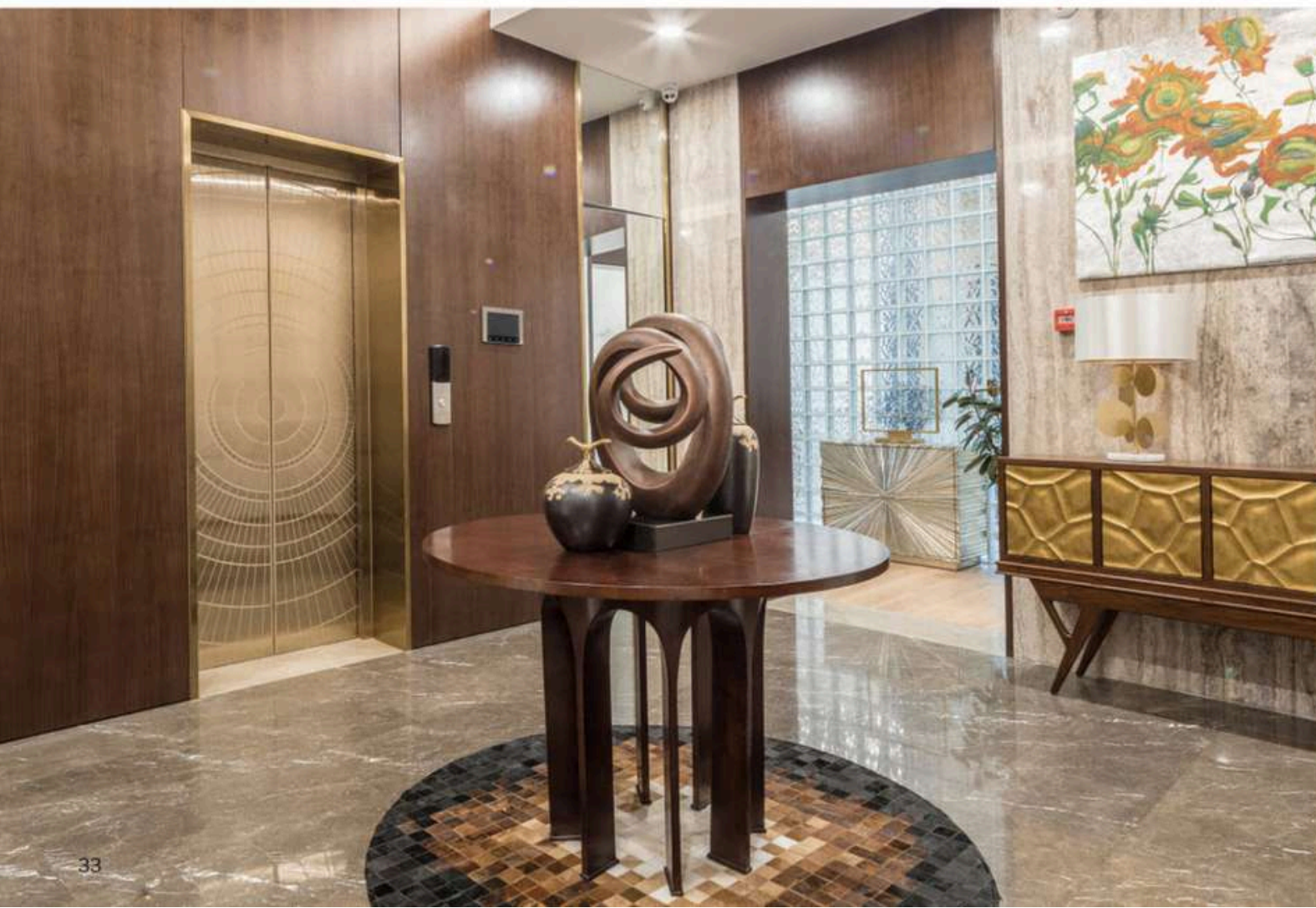
Lucentron home elevator aims to create the best villa experience with intelligent technology, customized design and aesthetic pursuit.

Advantages of our home elevators

Voltage flexible: 220V single/three phase, 380V three phase
Different decoration options integrated with beauty and comfort
Applicable for different structure and style villa and house
Applicable for small shaft and pit

Applicable installation site

Independent villa	Outdoor installation
Indoor installation	Reinstallation to old houses
New-built installation	Duplex apartment
Townhouse	



HOME ELEVATOR

car decoration and design



FJPN-CA0013 Standard

Ceiling: mirror stainless steel + LED downlight + LED atmosphere light
Front Wall: hairline stainless steel (nano anti fingerprint treatment)
Side Wall: hairline stainless steel (nano anti fingerprint treatment) + mirror stainless steel
Rear Wall: hairline stainless steel (nano anti fingerprint treatment) + mirror stainless steel on both sides
Floor: standard PVC (optional marble)



Car Show

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Human-machine interface



FJPN-COP005
Standard



FJPN-HOP007
Without bottom case

Landing door



FJPN-LD003
Standard
Hairline stainless steel

HOME ELEVATOR car decoration and design

FJPN-CA2009

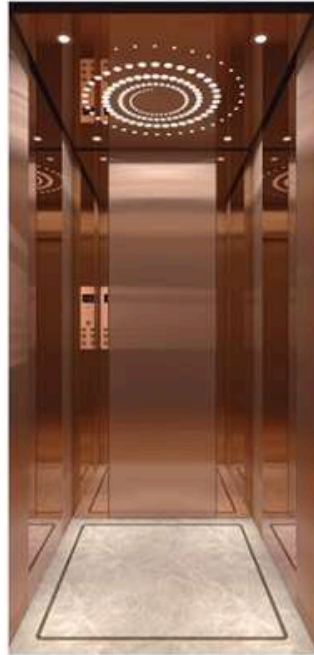
Ceiling: mirror stainless steel + acrylic arched roof + LED downlight
 Front Wall: black titanium mirror stainless steel
 Side Wall: white painted steel plate + wood veneer + black titanium decorative strips
 Rear Wall: wood veneer + new ultra-thin slab + black titanium decorative strips
 Floor: standard PVC (optional marble)



Car Show

FJPN-CA0014

Ceiling: rose gold mirror stainless steel model + baby's breath design
 Front Wall: rose gold hairline stainless steel (nanometer-level fingerprint-resistant treatment)
 Side Wall: two sides of rose gold hairline stainless steel (nanometer-level fingerprint-resistant treatment) + rose gold mirror stainless steel
 Rear Wall: rose gold hairline stainless steel (nanometer-level fingerprint-resistant treatment) + two sides of rose gold mirror stainless steel
 Floor: standard PVC (optional marble)



Car Show

FJPN-CA0016

Ceiling: black titanium mirror stainless steel + concealed light strip with spotlighting
 Front Wall: light black titanium sandblasted anti-fingerprint stainless steel
 Side Wall: leather hard package + hidden light strip + light black titanium sandblasted anti-fingerprint stainless steel on both sides
 Rear Wall: art glass in the middle + light black titanium sandblasted anti-fingerprint stainless steel on both sides
 Handrail: wooden handrail
 Floor: marble



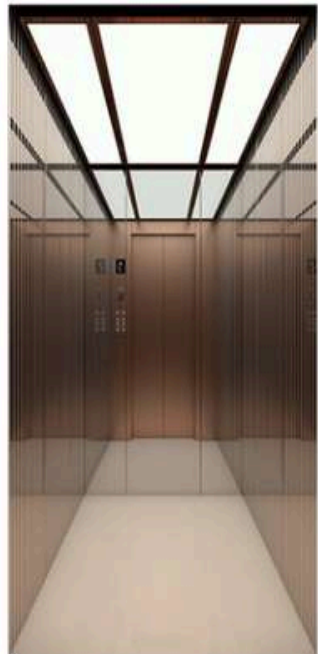
Car Show

FJPN-CA2011

Ceiling: white painted steel plate + black titanium brushed stainless steel frame and strip + LED light strip + LED tube light
 Front Wall: black titanium mirror stainless steel
 Side Wall: wood veneer + black titanium mirror stainless steel
 Rear Wall: wood veneer + white painted steel plate (matte) embedded with black titanium wire drawing strip + LED light strip
 Floor: standard PVC (optional marble)



Car Show



Car Show



Car Show

FJPN-CA0015

Ceiling: bronze mirror stainless steel fram + acrylic arched roof
 Front Wall: bronze hairline stainless steel
 Side Wall: bronze etching mirror stainless steel
 Rear Wall: mirror stainless steel
 Floor: standard PVC (optional marble)

FJPN-CA2010

Ceiling: steel plate white paint + black titanium edge + LED downlight
 Front Wall: black titanium mirror stainless steel
 Side Wall: wood Veneer + black titanium compose
 Rear Wall: wood Veneer + black titanium compose
 Floor: standard PVC (optional marble)

FJPN-CA2012

Ceiling: metal paint + LED linear light + hidden light strip
 Front Wall: bronze mirror stainless steel
 Side Wall: wood veneer
 Rear Wall: middle bronze mirror stainless steel + LED linear light + metal film on both sides
 Floor: marble

FJPN-CA0017

Ceiling: steel plate ceiling white paint + bronze stainless steel rim + hidden lamp belt + LED downlight
 Front Wall: bronze hairline stainless steel
 Side Wall: bronze hairline stainless steel + mirror stainless steel
 Rear Wall: bronze hairline stainless steel + mirror stainless steel + LED strip
 Floor: standard PVC (optional marble)



Car Show



Car Show

HOME ELEVATOR car decoration and design

FJPN-CA0018

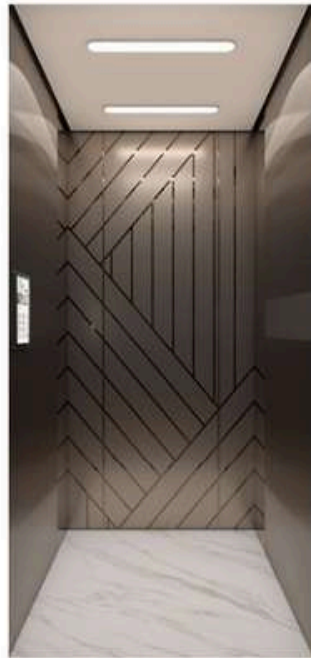
Ceiling: solid wood multilayer board mixed oil white + LED light strip + LED downlight
 Front Wall: sandblasting champagne gold stainless steel
 Side Wall: champagne gold stainless steel + sprayed steel plate
 Rear Wall: sandblasting champagne gold stainless steel + champagne gold mirror stainless steel
 Floor: standard PVC (optional marble)



Car Show

FJPN-CA0019

Ceiling: metal paint, acrylic lamp shaped lighting
 Front Wall: bronze hairline anti-fingerprint
 Side Wall: bronze hairline anti-fingerprint + bronze mirror surface
 Rear Wall: bronze hairline + twill + brushed and etched to resist fingerprints + bronze anti-fingerprint metal strip decoration
 Floor: marble



Car Show

FJPN-CA0022

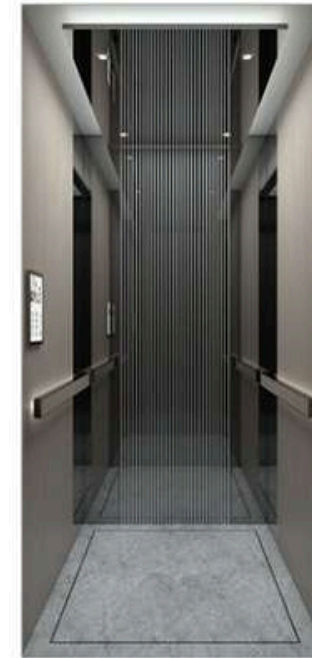
Ceiling: white unpainted steel plate + LED light strip + LED tube light
 Front Wall: nano fingerprintless "light champagne" metal decorative panel
 Side Wall: nano fingerprintless "light champagne" metal decorative panel + champagne gold inlay, champagne gold mirror stainless steel combination
 Rear Wall: nano fingerprintless "light champagne" metal decorative panel + champagne gold mirror etching + hidden light strip
 Floor: standard PVC (optional marble)



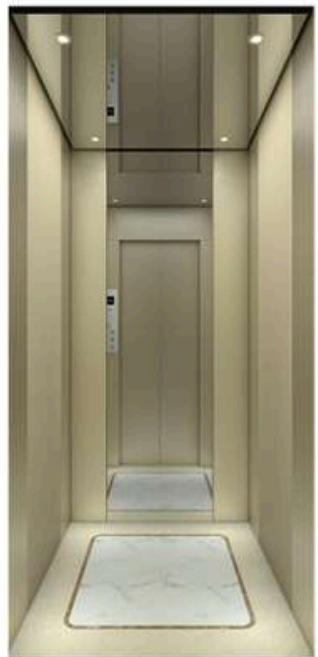
Car Show

FJPN-CA2013

Ceiling: black titanium mirror stainless steel + hidden light strip + spotlight lighting
 Front Wall: black titanium mirror stainless steel
 Side Wall: black titanium mirror stainless steel + wood veneer
 Rear Wall: black titanium mirror etched stainless steel + black titanium mirror stainless steel on both sides
 Handrail: wood veneer in the middle + black titanium mirror stainless steel on all sides + hidden light strip
 Floor: marble



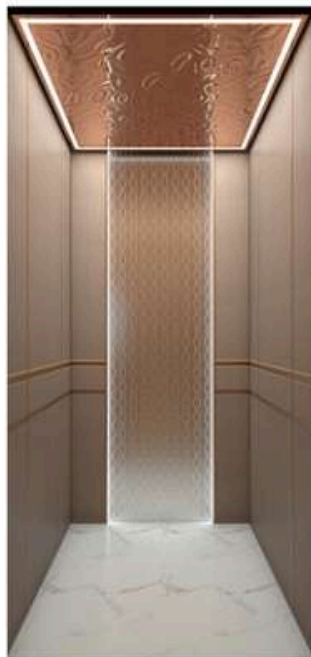
Car Show



Car Show

FJPN-CA0020

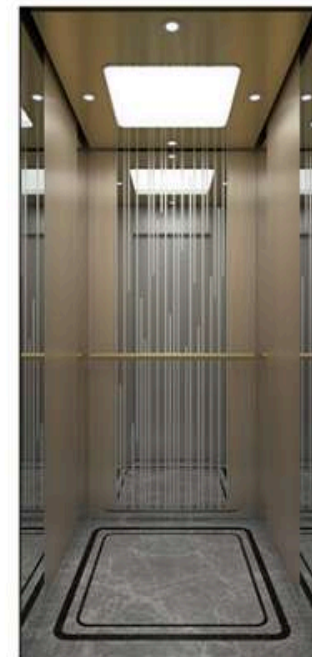
Ceiling: stainless steel frame + LED light board
 Front Wall: champagne gold stainless steel
 Side Wall: champagne gold stainless steel + black Titanium mirror stainless steel
 Rear Wall: white painted glass
 Floor: standard PVC (optional marble)



Car Show

FJPN-CA0021

Ceiling: rose gold mirror stainless steel + LED ambient light
 Front Wall: rose gold sandblasted stainless steel
 Side Wall: leather trim + rose gold trim
 Rear Wall: leather trim + rose gold trim + art stainless steel + ambient light
 Floor: standard PVC (optional marble)



Car Show

FJPN-CA2014

Ceiling: champagne gold hairline stainless steel with acrylic transparent + LED lighting
 Front Wall: hairline stainless steel
 Side Wall: wood veneer + mirror stainless steel
 Rear Wall: wood veneer + mirror etching stainless steel
 Handrail: titanium stainless steel tube
 Floor: standard PVC (optional marble)



Car Show

FJPN-CA0023

Ceiling: rose gold sky ceiling integrated ceiling + tube lamp
 Front Wall: nano fingerprintless "light champagne" metal decorative panel
 Side Wall: nano fingerprintless "light champagne" metal decorative panel + rose gold mirror stainless steel combination
 Rear Wall: nano fingerprintless "light champagne" metal decorative panel + rose gold mirror etching combination
 Floor: standard PVC (optional marble)

HOME ELEVATOR car decoration and design

FJPN-CA1004

Ceiling: champagne gold stainless steel + LED
 Front Wall: champagne gold stainless steel
 Side Wall: champagne gold stainless steel + wood grain steel plate + safety laminated glass
 Rear Wall: champagne gold stainless steel + safety laminated glass
 Floor: standard PVC (optional marble)



Car Show

FJPN-CA1005

Ceiling: champagne gold stainless steel, mirror stainless steel, LED
 Front Wall: champagne gold stainless steel
 Side Wall: champagne gold stainless steel + safety laminated glass
 Rear Wall: champagne gold stainless steel + safety laminated glass
 Floor: standard PVC (optional marble)



Car Show



Car Show

FJPN-CA1006

Ceiling: rose gold mirror stainless steel + acrylic arched roof + LED downlight
 Front Wall: rose gold stainless steel
 Side Wall: rose gold stainless steel + glass
 Rear Wall: rose gold stainless steel + glass
 Floor: standard PVC (optional marble)

FJPN-CA1007

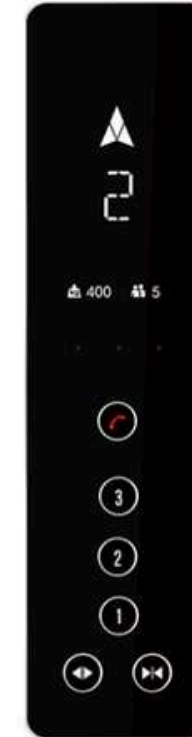
Ceiling: stainless steel mirror + baby's breath illumination design + downlight
 Front Wall: hairline stainless steel (finger-print-resistant)
 Side Wall: hairline stainless steel (finger-print-resistant) + tempered glass combination
 Rear Wall: hairline stainless steel (finger-print-resistant) + tempered glass combination
 Floor: standard PVC (optional marble)



Car Show

Human-machine interface

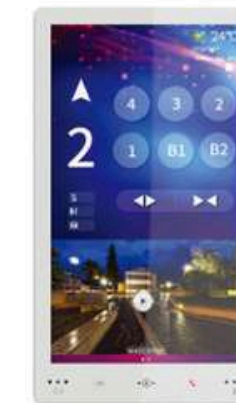
COP (optional)



FJPN-COP006



FJPN-COP007



FJPN-COP008



FJPN-COP009



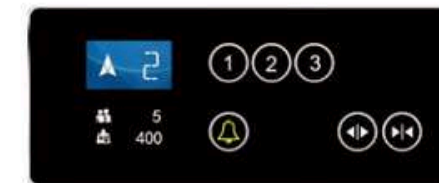
FJPN-COP010



FJPN-COP011



FJPN-COP012



FJPN-COP013

LOP (optional)



FJPN-HOP008



FJPN-HOP009



FJPN-HOP010

SPLENDID HOME ELEVATOR STYLE - platform structure design

With upgraded components and new developed functions, the elevator is smooth and stable, comfort and safe, easy and convenient.

Brand Host Permanent Magnet Synchronous Motor: Energy-Saving, Silent, Efficient, and Maintenance-Free	Silent Door Operator Quiet and Comfortable: Operates without disturbing family members. Aesthetic Design: Effectively increases usable space.	360°Light Curtain Protection Intelligent operation status monitoring Provides comprehensive protection for safe entry and exit.
Electronic Safety Gear Clever structure saves hoistway space ensuring high safety through proactive protection.	Magnetic Scale Real-time accurate position and speed detection adds an extra layer of safety for the elevator.	One Key Call Pre-set multiple emergency contacts designed to handle various emergencies, ensuring safe travel every time.
Power Failure Emergency Leveling When a power outage occurs, the ARD system automatically activates the backup power supply to open the elevator door at the nearest floor, ensuring the safe exit of passengers from the elevator.		

- Minimalist Product Aesthetics**
 Invisible running parts
 Invisible connecting bolts
 Invisible shaft cable
 Three sides visual design
 - Drive System and Structure Form**
 Global leading steel belt traction machine
 Patent backpack balancing structure
 - Applicable Place**
 Stacked Villa/Townhouse/Single-family house/Self-built house
 - Minimum Shaft Size**
880*920mm
 Note: The above size includes aluminum alloy frame
 - Minimum OH and Pit Depth**
2400mm/100mm
- Non-Standard Design**
 Flat type shaft
 Narrow type shaft
 90 degree opening
 - Floor Coverage**
 2~6 floors
 - Speed**
0.3m/s



Aluminum profile shaft

Elegant shape and easy installation. When there is no reserved shafts, we can provide aluminum profile shaft to install elevators. The client can choose different material according to their preferences and decoration styles.



Black matte light



Bronze rose gold



Titanium gold



Champagne gold

Hoistway colors



Black sand texture



Sand-textured starry gray



Ivory white



Champagne gold



Rose gold

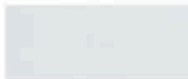
Hoistway glass



Transparent laminated glass



Gray laminated glass



Frosted laminated glass

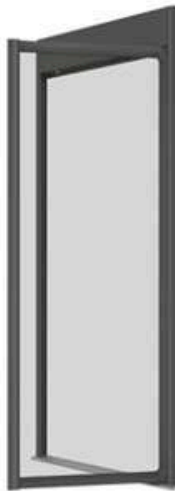


White painted laminated glass



Black painted laminated glass

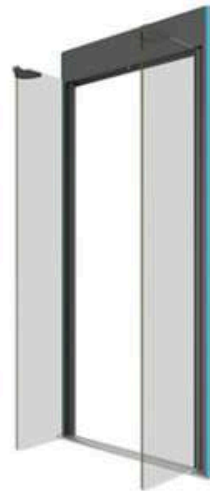
Door opening type



FJPN-LD301
Manual single door
(standard)



FJPN-LD302
Automatic single door
(optional)

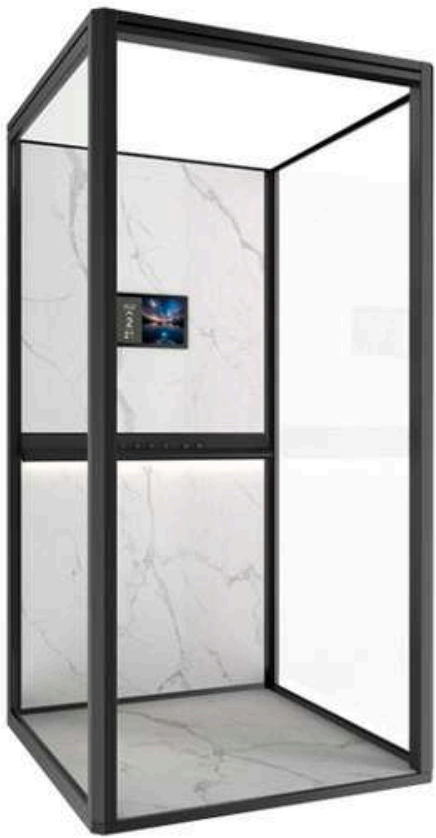


FJPN-LD303
Automatic double door
(optional)

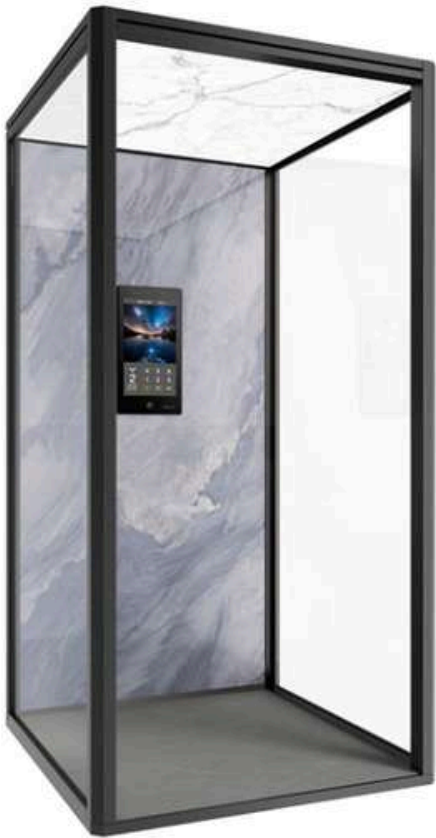
SPLENDID HOME ELEVATOR STYL - platform structure design elevator decoration



FJPN-CA4001
Fendi Gray



FJPN-CA4002
Twilight Snow



FJPN-CA4003
Bulgari Blue



FJPN-CA4004
Meteorite Gray

The pictures are plotted by computer and are likely somewhat different from the actual products.

COP (optional)



FJPN-COP014
Integrated touch control box armrest



FJPN-COP015



FJPN-COP016

Shaft ceiling decoration



Integrated aluminum frame + decorative panel + light belt (standard)



Integrated aluminum frame + star panel + light belt (standard)

LOP (optional)



FJPN-HOP009



FJPN-HOP011



FJPN-HOP012

Selections of the standard pattern for rear car wall (art glass)



FJPN-PRW01



FJPN-PRW02



FJPN-PRW03



FJPN-PRW04



FJPN-PRW05



FJPN-PRW06

PVC woven carpet (standard)



FJPN-FL023



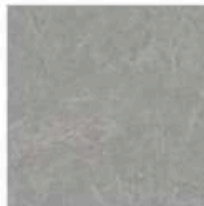
FJPN-FL024



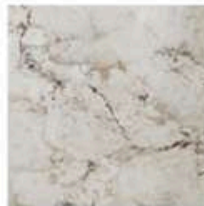
FJPN-FL025



FJPN-FL027



FJPN-FL028



FJPN-FL029

High-end rock slab (optional)

The pictures are plotted by computer and are likely somewhat different from the actual products.

Intelligent security systems



Safety Technology Assurance

- Dozens of safety protection features.
- Unique integrated mechanical stopping design, compact structure.
- Automatic regular inspection of brake torque, obstacle detection shutdown.



Classic Traction Drive

- Utilizes permanent magnet synchronous gearless technology.
- Unique electromagnetic structure design.
- Reduced noise, oil-free operation, compact size.
- Integrated main shaft, with disc brake technology.
- Stator potting process provides superior waterproofing.
- Dustproofing, and shock resistance.



Emergency Power-Leveling Protection

- In the event of a sudden power outage at home, the elevator's emergency power supply activates, allowing the elevator to move slowly to the nearest floor for safe evacuation.



Green, Energy-Efficient, and Eco-Friendly

- Utilizes permanent magnet drive and VVVF control technology, saving over 50% energy compared to traditional methods.
- Equipped with an LED lighting system.
- Eco-friendly guiding system, free from oil contamination.



Smart Control Technology

- A remote monitoring system for elevator operation safety based on IoT technology, enabling real-time monitoring and comprehensive fault prevention and emergency handling.
- Dual 32-bit microprocessors, DSP digital signal processors, and FPGA hardware decoding.
- Real-time computation and adjustment of operation curves for efficient and precise stopping.



Shallow Pit Technology

- Thanks to its compact structural layout and component design, it simplifies civil engineering modifications compared to traditional elevators, structural renovation easier.



One-Key Emergency Call Function

- Uses an independent mobile signal system. In case of entrapment, press and hold the emergency button for 5 seconds.
- The system automatically dials preset phone numbers.
- Multiple numbers can be set for sequential automatic calling.



HOSPITAL ELEVATOR

Lucentron hospital elevator, not only for transporting passengers, but also for the use of special medical beds and equipment, has strict requirements. Lucentron bed elevator, with people friendly design and optimized car structure, can precisely control the running speed and satisfy the hospital special requirements.

Lucentron hospital elevator creates a harmonious unity of the hospital environments by its unique design. It furnishes the passengers with a cozy atmosphere. The patients will be more confident in their recovery by using such beautiful elevator.

It resists magnetic interference and has a better consistence with the modern medical application

Considering the rapid modern equipment developing, more variety of allergic sources such as flowers, Lucentron hospital elevator is free of the interference of the sophisticated medical equipment and meets the modern health care system.



HOSPITAL ELEVATOR car decoration and design



FJPN-CA5001

Ceiling: hairline stainless steel, acrylic sheet, LED energy-saving downlights
Front Wall: hairline stainless steel
Side Wall: hairline stainless steel
Rear Wall: hairline stainless steel
Handrail: hairline stainless steel flat handrail
Floor: standard marble floor (optional PVC)



Car Show

The pictures are plotted by computer and are likely somewhat different from the actual products.

FREIGHT ELEVATOR

Lucentron freight elevators are of top performance running in many awful conditions because they are equipped with our high series control technology, high density cabin, brand traction machines and safety parts. For the large capacity and door opening, reliable and stable running performance, and durable and long life cycle, Lucentron freight elevators are the ideal choice for the factory, logistic warehouse, shopping center, supermarket, hotel, etc.

The professional cars

Car bottom with double reinforcement can bear various cargo. High precision weighing switch strictly controls the load to prevent from any overload accidents. The floor applies anti-skid checkered steel plate. Even it is stained by grease, it will still have enough strong friction to prevent the passengers or the cargo to slide off.

The safer and more energy-saving integrated control

Control cabinet of Lucentron freight elevator applies integrated inverter and driver, which brings about securer, more effective, energy-saving and environment friendly elevator running. The design has full consideration of customer's interest and cost.



The multiple door opening modes

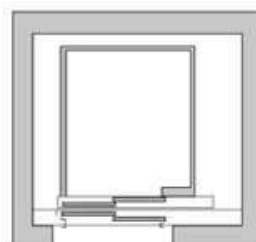
In order to satisfy different entry/exit requirements from vast users, Lucentron freight elevator offers four door opening modes of side opening, center opening double-folded door, one-way door opening, opposite door opening. It can flexibly match with the factory, warehouse, department store, shopping center, housing property management center etc.



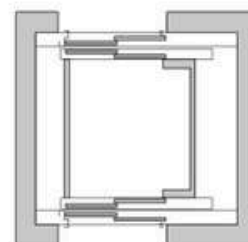
Two panel sliding door



Center-opening & double-folded



Single way door



Double way door

FREIGHT ELEVATOR car decoration and design

FJPN-CA6001

Ceiling: Painted steel (Color optional)
Cabin: Painted steel (Color optional)
Car door: Painted steel (Color optional)
Lighting: Energy-saving down light
Floor: Checkered steel floor



Car Show



COP& LOP

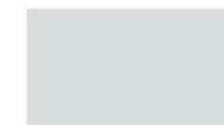


FJPN-COP004
Standard



FJPN-HOP006
Standard
Without bottom case

Painted color



P-01 Light gray
Standard



P-04 Dark green
Optional



P-05 Beige
Optional



P-06 Gray
Optional



P-07 White
Optional

The pictures are plotted by computer and are likely somewhat different from the actual products.

CAR ELEVATOR

LUCENTRON car elevator, safe transfer in one step

Lucentron car elevator, catering for special demand in terms of space and performance, designs specially in guide rail arrangement and safety protection. The entire elevator frame structure is guided by six symmetrical guide rails, which can effectively avoid the shaking caused by the uneven force of the car, ensure the stability of the car during the process of entering and exiting the elevator, and increase the smoothness of the elevator operation; the car is made of high-quality steel. The non-slip floor, the setting of the driving guide device, and the optimized operation panel not only ensure the large volume and heavy load requirements of automobile products, but also facilitate the driver in the car, and ensure the safety of elevator entry and exit. It is widely used in parking lots, automobile 4S shops and other related places.

The advantages of LUCENTRON car elevator --- Take care of your car in all respects



Safety and anti-skid

Adopts non-slip floor and set up driving guide device on the floor to facilitate driver operation and ensure safe access of car.

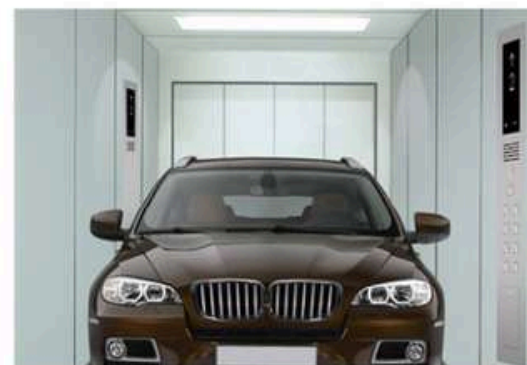


Infrared protection

The elevator door uses the world's advanced infrared parking protection device to effectively ensure the safety of drivers and vehicles inside and outside.

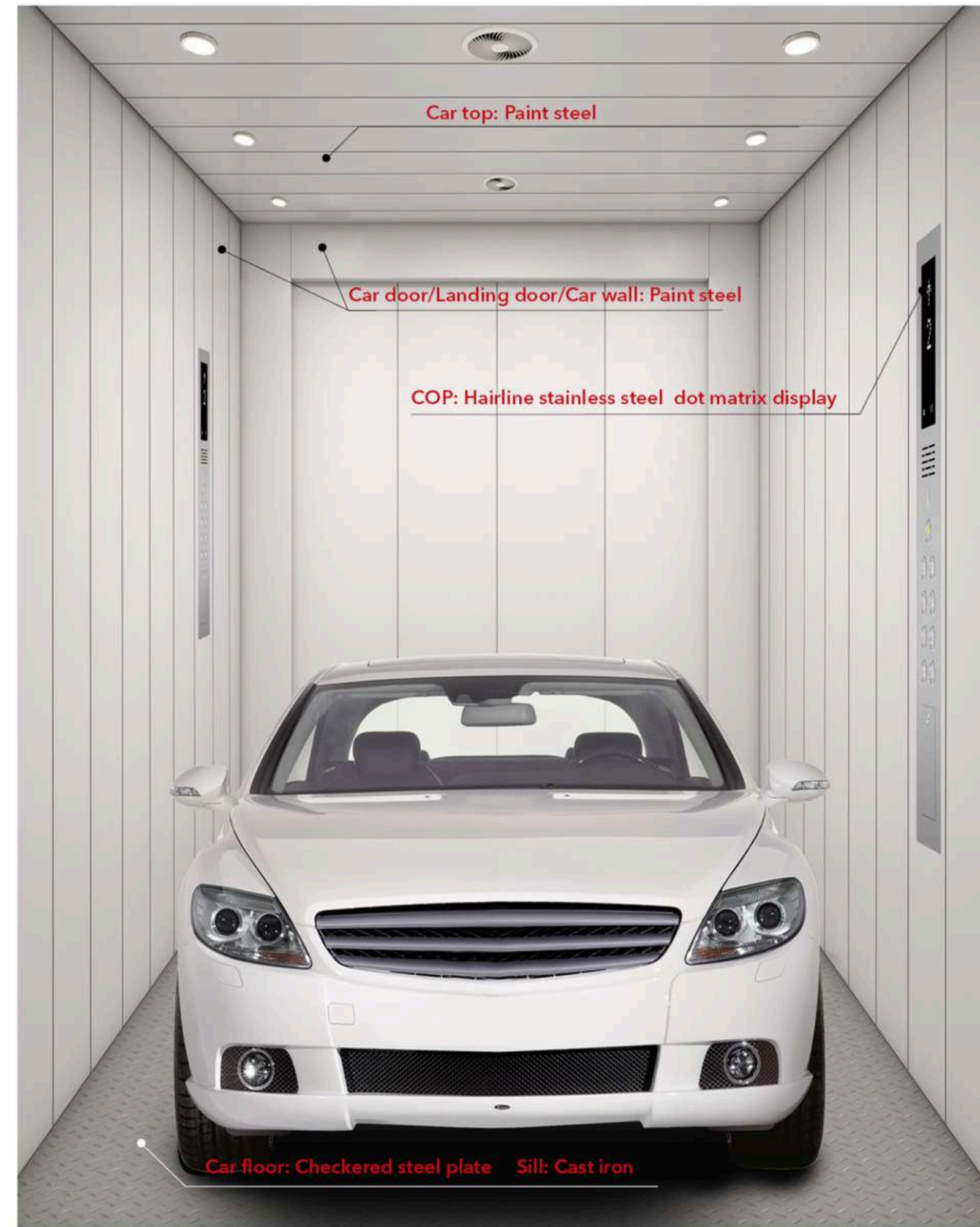
Anti-collision strip (Paid option)

Effectively protect the inner wall of car without tragically deformed or damaged, bright yellow anti-collision strip with more prompt, warning effect.



Dual COP and front/back doors (Paid option)

There are two COPs in the cabin, the driver can operate the elevator without leaving the car. The elevator cabin is with front/back doors, more convenient for the car to enter and get out.



HMI options

COP



FJPN-COP017



FJPN-COP018



FJPN-COP019



FJPN-COP020



FJPN-COP021



FJPN-COP022



FJPN-COP023



FJPN-COP024

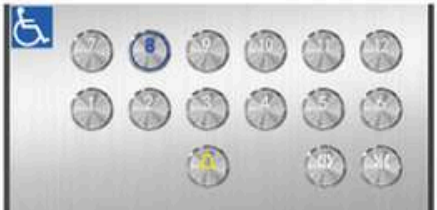


FJPN-COP025

Accessible box



FJPN-COP026



FJPN-COP027

HMI options

LOP



FJPN-HOP003



FJPN-HOP013



FJPN-HOP014



FJPN-HOP015



FJPN-HOP016



FJPN-HOP017



FJPN-HOP018



FJPN-HOP019



FJPN-HOP020



FJPN-HOP021

HIP



Hall lanterns



FJPN-LT001



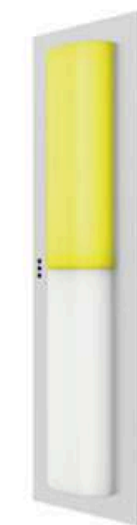
FJPN-LT002



FJPN-LT003



FJPN-LT004



FJPN-LT005

Buttons



FJPN-PB003



FJPN-PB004



FJPN-PB005



FJPN-PB006



FJPN-PB007



FJPN-PB008



FJPN-PB009



FJPN-PB010

Displays



Landing doors



Landing Door Show



FJPN-LD004

Etched, hairline stainless steel



FJPN-LD005

Mirror, etched, hairline, recess matte gold



FJPN-LD101

Hairline stainless steel, laminated steel framed glass door



FJPN-LD102

Titanium gold stainless steel, glass



FJPN-LD006

Mirror, etched, hairline



FJPN-LD007

Etched light antique bronze hairline stainless steel



FJPN-LD008

Rose gold hairline stainless steel, etched



FJPN-LD009

Black titanium hairline stainless steel, etched



FJPN-LD010

Shallow champagne blonde stainless steel etching



FJPN-LD011

Etched light antique bronze hairline stainless steel



FJPN-LD012

Sandblasted titanium gold stainless steel



FJPN-LD013

Rose gold hairline stainless steel



FJPN-LD014

Champagne gold hairline stainless steel



FJPN-LD015

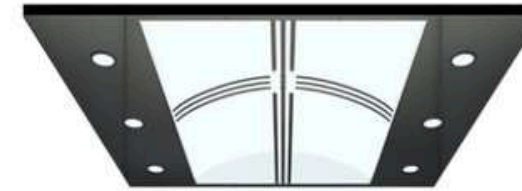
Bronze hairline stainless steel



FJPN-LD016

Black titanium hairline stainless steel

Ceilings



FJPN-CE003

Mirror stainless steel frame with acrylic craft arched board, energy-saving spot light



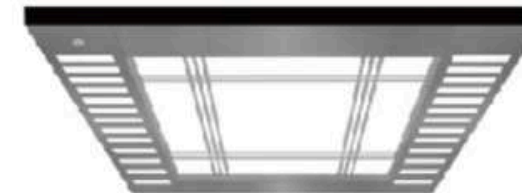
FJPN-CE005

Painted steel frame, mirror stainless steel, acrylic



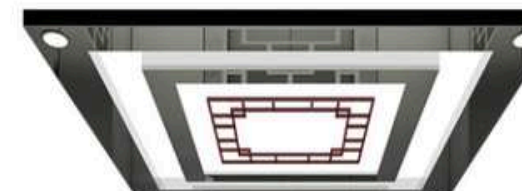
FJPN-CE007

Hairline stainless steel frame, acrylic, LED spotlight



FJPN-CE009

Hairline stainless steel frame, acrylic, LED spotlight



FJPN-CE011

Hairline stainless steel frame, acrylic, LED spotlight



FJPN-CE013

Hairline stainless steel frame, LED Spotlight



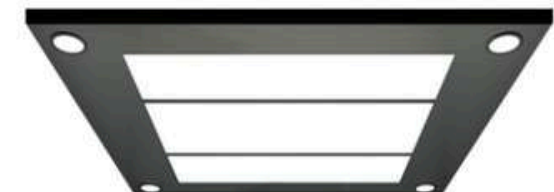
FJPN-CE004

Mirror stainless steel frame, acrylic vault, energy-saving downlight



FJPN-CE006

Hairline stainless steel frame, acrylic, LED spotlight



FJPN-CE008

Hairline stainless steel frame, acrylic, LED spotlight



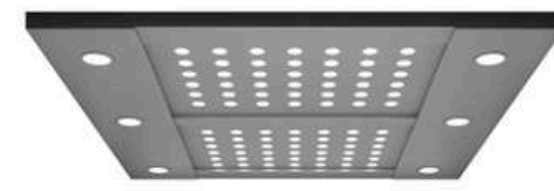
FJPN-CE010

Hairline stainless steel frame, acrylic, LED spotlight



FJPN-CE012

Hairline stainless steel frame, acrylic, LED lights



FJPN-CE014

Hairline stainless steel frame, LED lights

The pictures are plotted by computer and are likely somewhat different from the actual products.

The pictures are plotted by computer and are likely somewhat different from the actual products.

Floors



FJPN-FL003



FJPN-FL004



FJPN-FL005



FJPN-FL006



FJPN-FL007



FJPN-FL008



FJPN-FL009



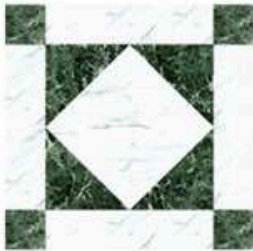
FJPN-FL010



FJPN-FL011



FJPN-FL012



FJPN-FL013



FJPN-FL014



FJPN-FL015



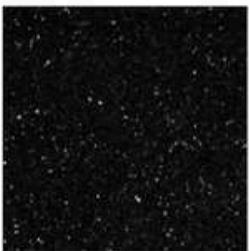
FJPN-FL016



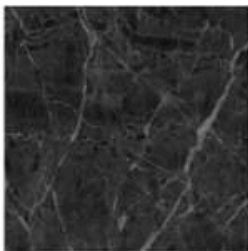
FJPN-FL017



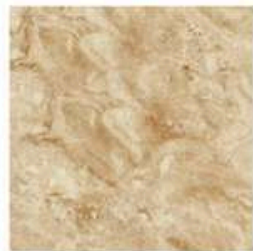
FJPN-FL018



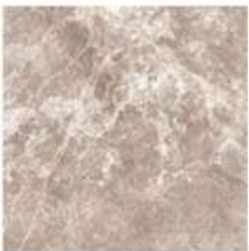
FJPN-FL019



FJPN-FL020



FJPN-FL021



FJPN-FL022

The pictures are plotted by computer and are likely somewhat different from the actual products.

Handrails



FJPN-HR003



FJPN-HR004



FJPN-HR005



FJPN-HR006



FJPN-HR007



FJPN-HR008



FJPN-HR009



FJPN-HR010



FJPN-HR011

The pictures are plotted by computer and are likely somewhat different from the actual products.

Standard function

 Travel function	VVVF drive	Motor rotating speed can be precisely adjusted to get smooth speed curve in elevator start, travel and stop and gain the sound comfort.
	VVVF door operator	Motor rotating speed can be precisely adjusted to get the more gentle and sensitive door machine start/stop.
	Independent running	According to the users' needs, the elevator can not respond to outer calling, it only responds to inner command in the car.
	Automatic pass without stop	When the car is crowded with the passengers or the load is close to preset value, the car will automatically pass the calling landing in order to keep maximum travel efficiency.
	Adjust door opening time	Door opening time is according to the users' demands.
	Reopen with hall call	During door close, pressing the hall call button can reopen the door.
	Express door closing	When the elevator stops and opens the door, press door-shut button, the door will be closed immediately.
	Car stops and door open	The elevator decelerates and levels, the door only opens after the elevator comes to a complete stop.
	Car arrival gong	The arrival gong at the car top announces the car's arrival.
	Anti-nuisance	When more than three commands appear under light load, all the registered call in the car will be cancelled automatically in order to avoid the unnecessary leveling.
	Automatic return to home	In low traffic flow, the car which has no call will return to the main floor, shut the door and keep waiting automatically.
	Command register cancel	If floor command button in the car is pressed by mistake, press same button again to cancel the registered command.
 Safety function	Door pre-open function	When the elevator reduce speed running to door open area and running speed is smaller than setting, before reach leveling position, door will pre-open to prove working efficient.
	Re-leveling after door open function	When the elevator stop and each floor, the sill and cabin will not on same flat level because of loading difference, that brings inconvenience. System will level it during door open time.
	Photocell protection	In the door open and shut period, the door protection device of infrared ray that covers the whole door height is used to protect both the passengers and objects.
	Designated stop	If the elevator cannot open the door in the destination floor, the elevator will close the door and travel to the next designated floor.
	Overload holding stop	When the car is overload, the buzzer would ring and the car would remain open at the floor.
	Anti-stall protection	The elevator stops operation due to traction rope slip.
	Start protection control	If the elevator does not leave door zone within designated time after it gets started, it will stop running.
	Inspection operation	When the elevator enters into inspection operation, the car travels at inching running.
	Fault self-diagnosis record	With the help of this record function, faults can be restored rapidly so that the elevator can remove in a shot time.
	Sill impurity removal	If the elevator door can not shut due to sill impurity or interference, it reopens/re-shuts in the stipulated time and remove the impurity.
	Up/down over-run and final limit protection	The device can effectively prevent from the elevator's surging to the top or knocking the bottom when it is out of control. It results in more safe and reliable elevator travel.
	Down over-speed protection	when the elevator running down speed is 1.2 times faster than the rated speed, this device will automatically cut off control power to stop elevator's over-speed running; If the elevator still over-speed running and the speed is 1.4 times faster than rated speed, safety gear action to force the elevator stop running to keep safe.
	Automatically leveling	When the elevator under normal running and not at door open area, the elevator will slowly running down to the door open area and open the door automatically.
	Anti-sliding protection	The elevator running during setting time and no any hoist way switch action, controller will judge as steel rope slipping and stop the elevator immediately.

Standard function

 Safety function	Anti-reverse protection	When the lift controller find the running direction is different from the setting direction, the elevator will stop and given the error code.
	Brake switch protection	When the elevator is under running or stop, find the brake switch is abnormal, system will be self protect.
	Control voltage overload protect	When the control voltage is overload, the elevator stop and given the error code.
	Motor overload protection	When the motor is overload, system stop and given error code.
	PG protect	With PG vector control (Or with PG V/F control), encoder signal stop, system stop and given error code.
	Big speed difference identification	When DEV difference is too big, system stop and given error code.
	Over time running	When the running time is more than theory time, system stop and given error code.
	Limit switch protection	When elevator is not at end stop(up/down change switch is not break), limit switch break, system stop and given error code.
	Main output contactor protection	When elevator under running or stop, main output contactor close condition abnormal, system self protected.
	Running over current protection	When control panel running over current, system given error and stop running.
	Input open phase protection	Input R.S.T have open phase, system stop and given error code.
	Contactor abnormal recognize	When contactor is abnormal, system stop and given error code.
	Landing switch protection	Controller record leveling condition is not same as theory data, system stop and given error code.
	Safety circuit protection	When the safety circuit brake, system stop and given error code.
	Brake output contactor protection	When elevator under running or stop condition, brake output contactor close condition abnormal, system stop and given error code.
	Running over voltage protection	When output voltage is too big, system stop and given error code.
	Output open phase protection	Output open phase, system stop and given error code.
	Hoist way switch position protection	When hoist way switch position abnormal, system given error code and protect.
	Exchange switch protection	When exchange switch is workable, if speed is bigger than theory speed, than output fault and stop the elevator in short time.
	Door lock protection	When the elevator open and close the door, the open/close condition is abnormal, system stop and given error code.
	COP button stuck protection	System can find out the button stuck condition, cancel the stuck call to avoid the elevator stop running because of door opening.
	LOP button stuck protection	System can find out the button stuck condition, cancel the stuck call to avoid the elevator stop running because of door opening.
	Door open forbid out of door open area	To make sure the safety, the door will not open out of door area.
	UCMP	To make sure the safety and according to new standard, avoid door opening running risk.

Standard function

 Man-machine interface	Micro-touch button for car call and hall call	Novel micro-touch button is used for operation panel command button in the car and landing calling button.
	Floor and direction indicator	The car shows the elevator floor location and current travel direction.
	Floor and direction indicator in hall	The landing shows the elevator floor location and current travel direction.
	Emergency car lighting	Emergency car lighting automatically activated once power failure.
	Voice announcer	When the elevator normally arrives, voice announcer informs the passengers about the relevant information.
 Emergency function	Inching running	When the elevator enters into emergency electric operation, the car travels at low speed inching running.
	Five way intercom	Communication amid car, car top, elevator machine room, well pit and rescue duty room through walkie-talkie.
	Alarm bell	In emergency conditions, if alarm bell button on car operation panel is continuously pressed, electric bell rings on top of the car.
	Fire emergency return	If you start emergency switch in main landing, all the callings will be cancelled. The elevator directly and immediately drives to the designated rescue landing and automatically opens the door.
 Energy-saving function	Car fan/light on and off automatically	If there is no calling or command signal within the stipulated time, the car fan and lighting will be automatically closed in order to save the energy.

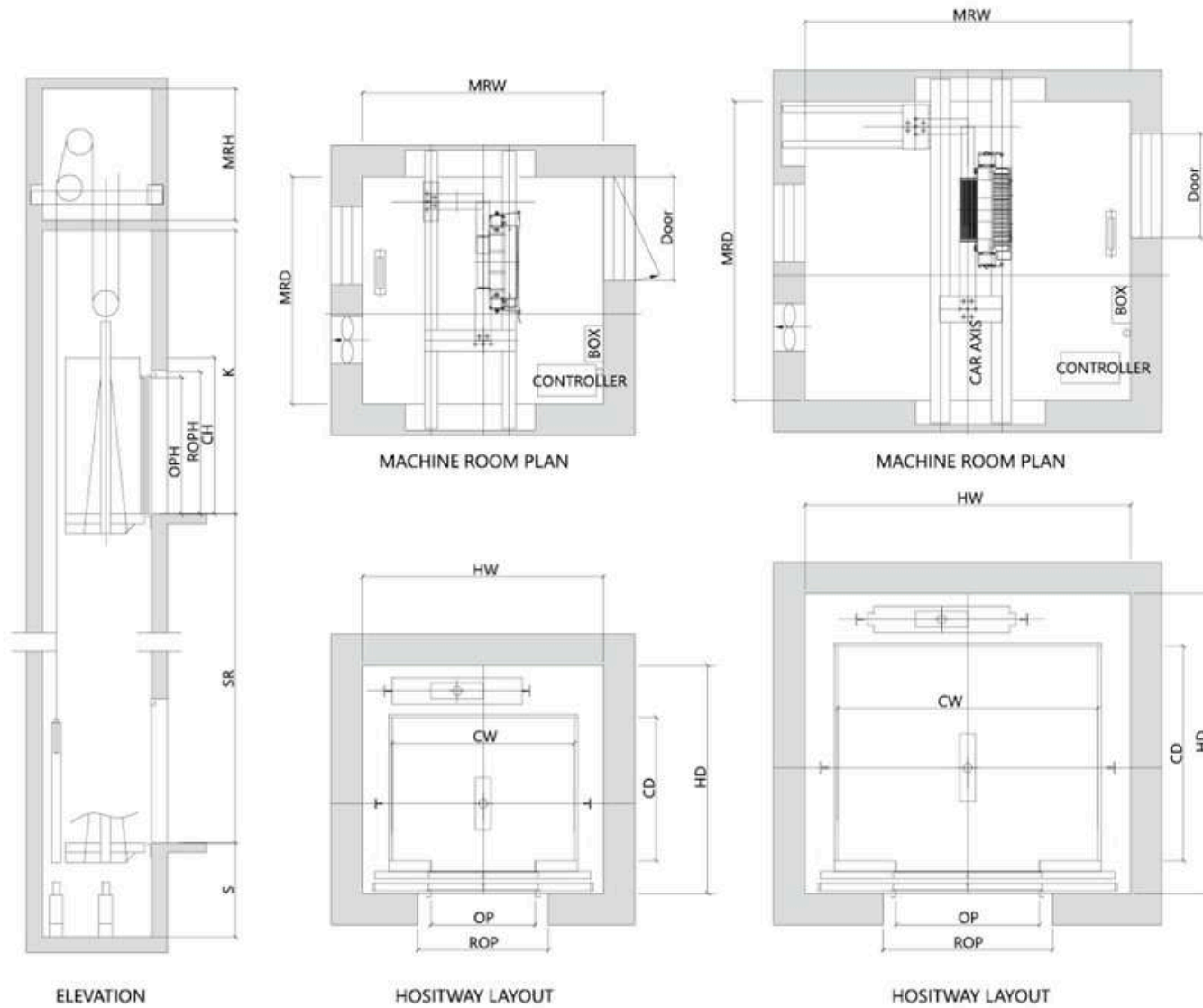
Optional function

 Emergency function	Emergency landing device	In normal power failure, the chargeable battery supplies the elevator power, The elevator drives to the nearest landing.
	Brake release	When occur fault in MRL elevator, it can release the brake by using the weight difference of cabin and CWT, to run the elevator to leveling floor and open the door.
	Earth quake function	When the signal of earth quake send to system, the elevator will stop and open the door at the nearest floor and stop running. Until earth quake signal is not appear, people reset the fault and the elevator can normally use.
 Travel function	Door open time extending	Press special button in the car, the elevator door keeps open for certain period of time.
	Group control function	The group control system is used when three or more same model elevators are organized into a group to run, it can make the elevator group automatically choose the most appropriate response, avoid repeated parking, reduce the passengers' waiting time and increase the operation efficiency.
	Duplex control	Two sets of same model elevators can unanimously respond the calling signal through the computer dispatch, In this way, it reduces the passengers' waiting time to the greatest extent and enhances the travel efficiency as well.
	Energy feedback device	Feeding the energy generated during the elevator running and braking back to reduce the customers' operational cost and environmental pollution.

Optional function

 Travel function	Car Air Sterilization and Purification System	The fan is equipped with anion generator and ultraviolet lamp. - The anion generator releases anion and ozone through pulsed oscillation circuit, which removes dust and kills bacteria. - Ultraviolet lamps kill bacteria by irradiation. The experimental report proves that the purification efficiency of PM2.5 particles is ≥95% and the sterilization rate is ≥90%
	Car Air Conditioning System	Precise setting of car temperature, microcomputer control, automatic constant temperature, energy efficiency.
	Peak service	In parallel or group control operation, in order to reduce the waiting time of passengers and improve operation efficiency, the elevator will automatically return to the peak service level immediately after responding to all instructions within the set time period.
	Scattered waiting ladder	In parallel or group control operation state, when the elevator responds to all instructions and delays for a certain time, the system will assign each elevator to automatically stop at the set floor.
 Man-machine interface	Fire Services	In the fireman operation mode, there is no automatic door opening and closing action, and only the door opening and closing action can be made by inching the door opening and closing button.
	Car assistant operation box	It is the large loading weight elevators or the elevators with crowded passengers so that most of the passengers can operate the car easily.
	Operation box for handicapped people	It is convenient for the wheelchair passengers and those who have vision problems.
	IC card, fingerprint, Bluetooth, password and QR code control	All (some) landing stations must be authorized before entering the car command to run the elevator through IC card, fingerprint, Bluetooth, password and QR code control
	Indicator light at landing hall	When the elevator will arrive at this floor, the indicator light will give signal.
	Face recognition	Face recognition elevator function
	Electric vehicle detection function	After intelligently detecting that the electric vehicle is forbidden to enter the car, it will give a prompt to prevent the elevator from running. After the electric vehicle exits the car, it will automatically return to normal
	Voice call ladder	Installed in the lift car, it can quickly respond to voice input and achieve accurate floor data output
	Android phone debugging function	The integrated controller of Android mobile phone wireless connection realizes the functions of parameter modification, reading and writing, uploading, downloading and so on.
	Arrival bell outside the hall	The electronic clock installed in hall informs the passengers of the waiting elevator that the elevator has arrived at this station.
 Monitor function	Support multiple control panels and independent control of front and rear doors	Support front door main control panel, auxiliary control panel, barrier free control panel, barrier free auxiliary control panel and rear door main control panel, auxiliary control panel, barrier free control panel and barrier free auxiliary control panel
	Camera function in the car	The camera is installed in the car to monitor the car condition.
	Remote monitoring function	Communicate with the Internet of things server through 4G network to realize remote monitoring / debugging / maintenance and other functions.
	Ba interface	Ba intelligent interface

PASSENGER ELEVATOR



Parameter table

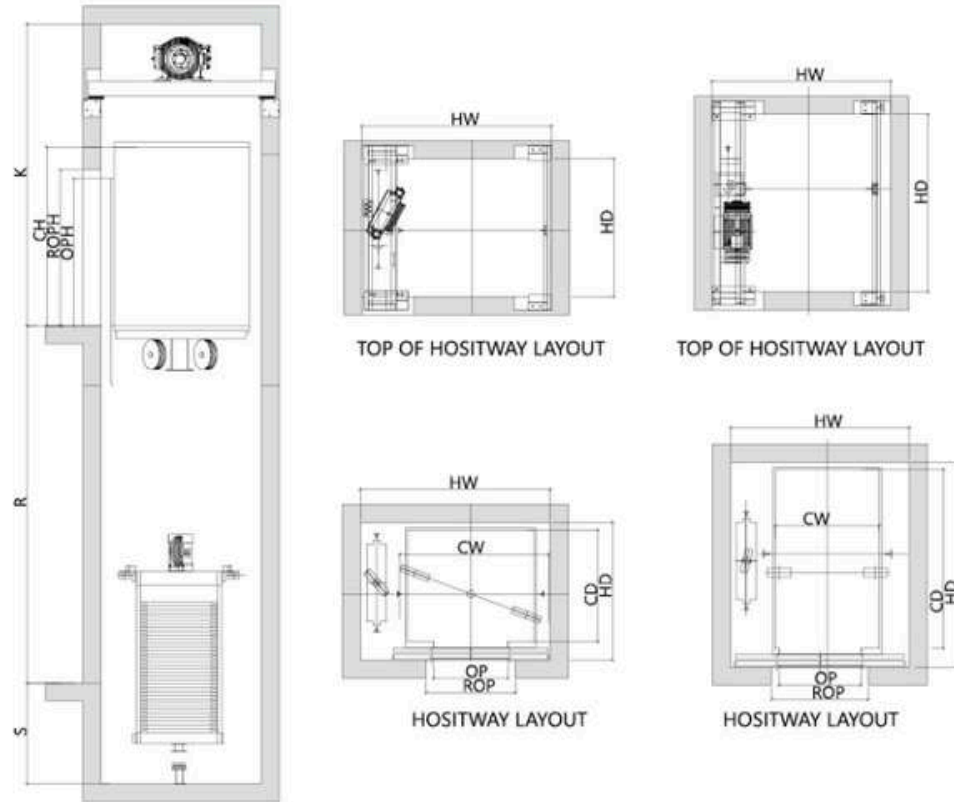
ENP500	RatedPayload(kg)	450(P6)					600(P8)					825(P11)					1050(P14)				
	Speed(m/s)	1.0	1.5	1.75	2.0	2.5	1.0	1.5	1.75	2.0	2.5	1.0	1.5	1.75	2.0	2.5	1.0	1.5	1.75	2.0	2.5
	Door opening size (OP×OPH)(mm)	800×2100					800×2100					800×2100					900×2100				
	carriage size (CW×CD×CH)(mm)	P6W/1200×1000×2300					P8W/1400×1100×2300					P11A/1400×1350×2400					P14A/1600×1500×2400				
	Shaft size (HW×HD)(mm)	P6W/1750×1650(2CO)					P8W/1850×1750(2CO)					P11A/1850×2000(2CO)					P14A/2050×2150(2CO)				
	Top height K (mm)	3850	4050	4100	4350	4700	3850	4050	4100	4350	4700	3850	4050	4100	4350	4700	4150	4300	4350	4450	4700
	Shaft depth S (mm)	1350	1450	1500	1600	1850	1350	1450	1500	1600	1850	1350	1450	1500	1600	1850	1350	1450	1500	1600	1850

ENP500	RatedPayload(kg)	1200(P16)					1350(P18)					1600(P21)					1800(P21)				
	Speed(m/s)	1.0	1.5	1.75	2.0	2.5	1.0	1.5	1.75	2.0	2.5	1.0	1.5	1.75	2.0	2.5	1.0	1.5	1.75	2.0	2.5
	Door opening size (OP×OPH)(mm)	1000×2100					1100×2100					1100×2100					1100×2100				
	carriage size (CW×CD×CH)(mm)	P16W/1700×1550×2400					P18W/2000×1500×2400					P21W/2000×1750×2400					P21D/1600×2100×2400				
	Shaft size (HW×HD)(mm)	P16W/2200×2200(2CO)					P18W/2300×2150(2CO)					P21W/2500×2400(2CO)					P21D/2500×2450(2CO)				
	Top height K (mm)	4150	4300	4350	4450	4700	4150	4300	4350	4450	4700	4150	4400	4500	4650	5000	4150	4400	4500	4650	5000
	Shaft depth S (mm)	1350	1450	1500	1600	1800	1400	1500	1550	1650	1850	1400	1500	1550	1650	1850	1400	1500	1550	1650	1850

Technical specifications

Project	Specifications					Note
Speed(m/s)	1.0	1.5	1.75	2.0	2.5	
Payload(kg)	450	-	-	-	-	
	630	630	630	-	-	
	825	825	825	825	825	
	1050	1050	1050	1050	1050	
	1200	1200	1200	1200	1200	
	1350	1350	1350	1350	1350	
Max lifting height(m)	50	75	90	105	130	
	16	24	32	36	42	
Operation method	1C-CSC, 2C-CSC, 3C-8C-GMC					Single control, parallel, group management control
Control mode	VFGLL/S					
Specification code	P6W					Payload450kg
	P8W, P8D					Payload630kg
	P11A, P11B					Payload825kg
	P14A, P14B, P14D					Payload1050kg
	P16W, P16D					Payload1200kg
	P18W, P18M, P18D					Payload1350kg
	P21W, P21M, P21D, P21L					Payload1600kg
Car decoration scheme	Overall plan, self-selected plan					
Car type	Wide car					
	Deep car					
Counterweight position	Postposition					
	Side position					
Door opening type	Single entrance, opposing entrances					
Door opening mode	2CO two-panel central opening					Counterweight post position
	2CO two-panel central opening, 2SO two-panel side opening					Counterweight side position
Door opening direction	Left opening, right opening					The door opening mode is two-panel side opening
Overall car number						When choosing an overall scheme for the car interior decoration
Counterweight safety gear	No configuration, configuration					
Power supply	380V/50Hz Three-phase five-wire system					
Lighting power	220V/50Hz Single phase					
Supply code	ENP500					
Minimum layer height(mm)	2500					When OPH=2100
Floor display range	B1, B2, B3, B, G, M, -1, -2, -3, 1, 2, 3,.....40, 41, 42					

PASSENGER ELEVATOR



VIWE A CWT FOR ELEVATION

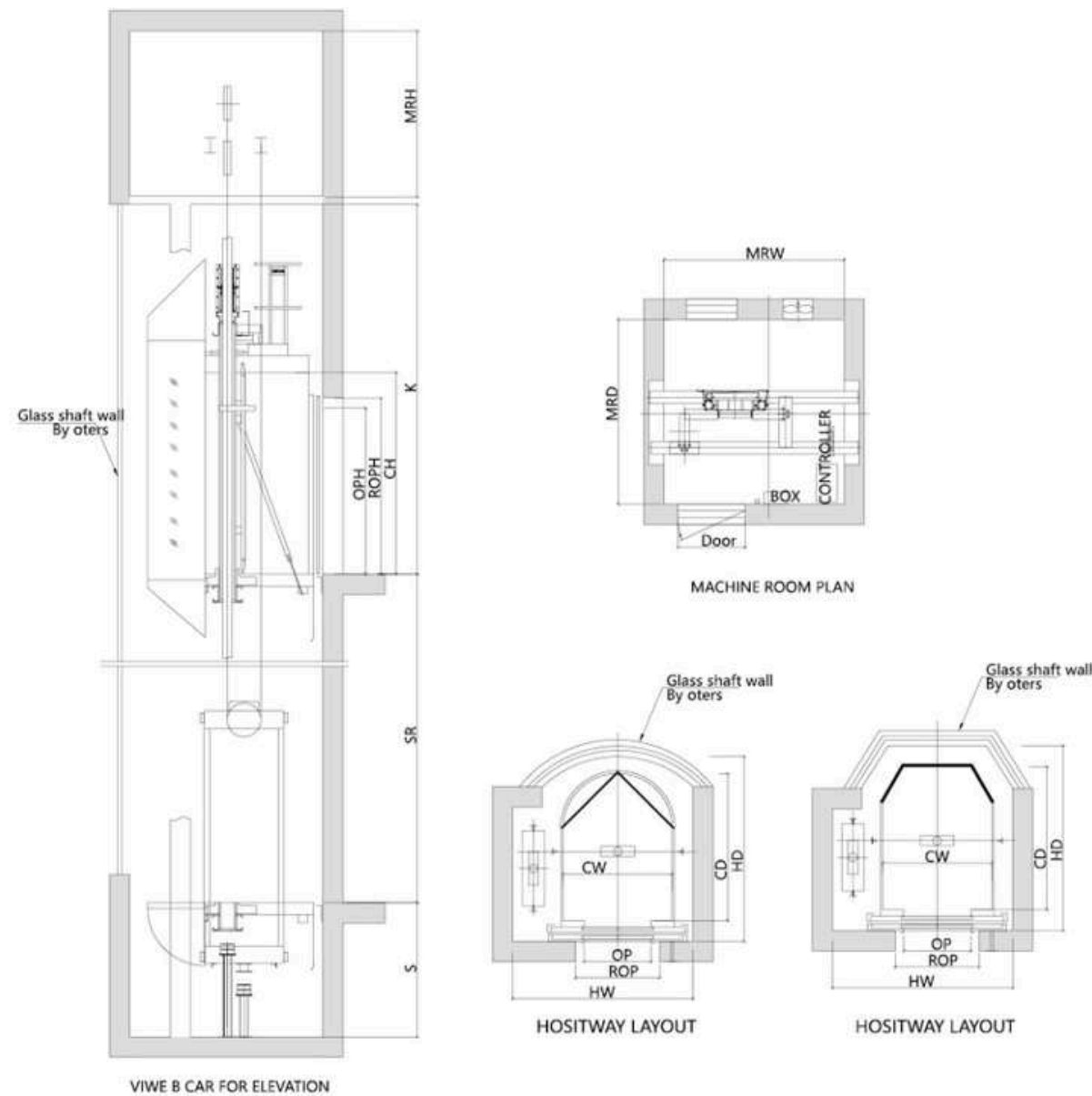
Parameter table

	RatedPayload(kg)	800(P8)			825(P11)			1050(P14)			1200(P16)		
		1.0	1.5	1.75	1.0	1.5	1.75	1.0	1.5	1.75	1.0	1.5	1.75
ENL800-S	Speed(m/s)	1.0			1.0			1.0			1.0		
	Door opening size (OP×OPH)(mm)	800×2100			800×2100			900×2100			1000×2100		
	Carriage size (CW×CD×CH)(mm)	A	-			-			P14A/1600×1500×2400			P16W/1700×1550×2400	
		B	P8B/1100×1400×2300			P11B/1350×1400×2400			P14B/1600×1400×2400			-	
		C	-			-			P14D/1100×2100×2400			-	
	Shaft size (HW×HD)(mm)	A	-			-			P14A/2450×1850			P16W/2550×1900(2CO)	
		B	P8B/1950×1750			P11B/2200×1750			P14B/2450×1750			-	
		C	-			-			P14D/2150×2450(2CO)			-	
	Top height K (mm)	4000	4150	4200	4000	4150	4200	4000	4150	4200	4100	4250	4300
	Shaft depth S (mm)	1350	1450	1500	1350	1450	1500	1350	1450	1500	1350	1450	1500
ENL800-C	RatedPayload(kg)	450(P6)			600(P8)			825(P11)			1050(P14)		
	Speed(m/s)	1.0	1.5	1.75	1.0	1.5	1.75	1.0	1.5	1.75	1.0	1.5	1.75
	Door opening size (OP×OPH)(mm)	800×2100			800×2100			800×2100			900×2100		
	Carriage size (CW×CD×CH)(mm)	A	P6A/1000×1200×2300			-			-			P14A/1600×1500×2400	
		B	-			P8B/1100×1400×2300			P11B/1350×1400×2400			P14B/1600×1400×2400	
		C	-			-			-			P14D/1100×2100×2400	
	Shaft size (HW×HD)(mm)	A	P6A/1750×1550			-			-			P14A/2350×1850(2CO)	
		B	-			P8B/1850×1750			P11B/2100×1750			P14B/2350×1750(2CO)	
		C	-			-			-			P14D/2100×2450(2CO)	
	Top height K (mm)	3950	4100	3950	4100	4150	3950	4100	4150	3950	4100	4150	4150
	Shaft depth S (mm)	1350	1450	1050	1450	1500	1350	1450	1500	1350	1450	1500	1500
ENL800-C	RatedPayload(kg)	1200(P16)			1350(P18)			1600(P21)			2000(P26)		
	Speed(m/s)	1.0	1.5	1.75	1.0	1.5	1.75	1.0	1.5	1.75	1.0	1.5	1.75
	Door opening size (OP×OPH)(mm)	1000×2100			1100×2100			1100×2100			1100×2100		
	Carriage size (CW×CD×CH)(mm)	A	P16W/1700×1550×2400			P18M/1800×1650×2400			P21W/2000×1700×2400			P26D/2000×2100×2400	
		B	P16D/1250×2100×2400			P18D/1400×2100×2400			P21L/1400×2400×2400			P26L/1700×2400×2400	
		C	-			-			P21D/1600×2100×2400			-	
	Shaft size (HW×HD)(mm)	A	P16W/2550×1900			P18M/2700×2000			P21W/2900×2050			P26D/3050×2450(2CO)	
		B	P16D/2300×2450(2CO)			P18D/2500×2450(2CO)			P21L/2500×2750(2CO)			P26L/2850×2750(2CO)	
		C	P16D/2100×2450(2CO)			P18D/2250×2550(2CO)			P21L/2250×2650(2CO)			P26L/2750×2650(2CO)	
	Top height K (mm)	3950	4100	4150	4100	4200	4250	4100	4200	4250	4450	4550	4600
	Shaft depth S (mm)	1350	1450	1500	1600	1600	1650	1500	1600	1650	1500	1600	1650

Technical specifications

Project	Specifications				Note
Speed(m/s)	1.0	1.5	1.75	2.0	
Payload(kg)	450	450	-	-	
	630	630	630	-	
	825	825	825	825	
	1050	1050	1050	1050	
	1200	1200	1200	1200	
	1350	1350	1350	1350	
	1600	1600	1600	1600	
	2000	2000	2000	2000	
Max lifting height(m)	50	75	90	105	
Number of stops(stops)	16	24	32	36	
Operation method	1C-CSC, 2C-CSC, 3C-8C-GMC				Single control, parallel, group management control
Control mode	VVVF				
Specification code	P6A				Payload450kg
	P8B				Payload630kg
	P11B				Payload825kg
	P14A, P14B, P14D				Payload1050kg
	P16W, P16D				Payload1200kg
	P18M, P18D				Payload1350kg
	P21W, P21D, P21L				Payload1600kg
	P26D, P26L				Payload2000kg
Car decoration scheme	Overall plan, self-selected plan				
Car type	Wide car				
	Deep car				
Counterweight position	Side position				
Door opening type	Single entrance, opposing entrances				
Door opening mode	2CO two-panel central opening				
	Left side open SL, right side open SR				
Door opening direction	Left door, right door				The door opening mode is two-panel side opening
Overall car number					When choosing an overall scheme for the car interior decoration
Counterweight safety gear	No configuration, configuration				
Power supply	380V/50Hz Three-phase five-wire system				
Lighting power	220V/50Hz Single phase				
Supply code	ENL800				
Minimum layer height(mm)	2450				When OPH=2100
Floor display range	B1, B2, B3, B, G, M, -1, -2, -3, 1, 2, 3.....36				

PANORAMIC ELEVATOR



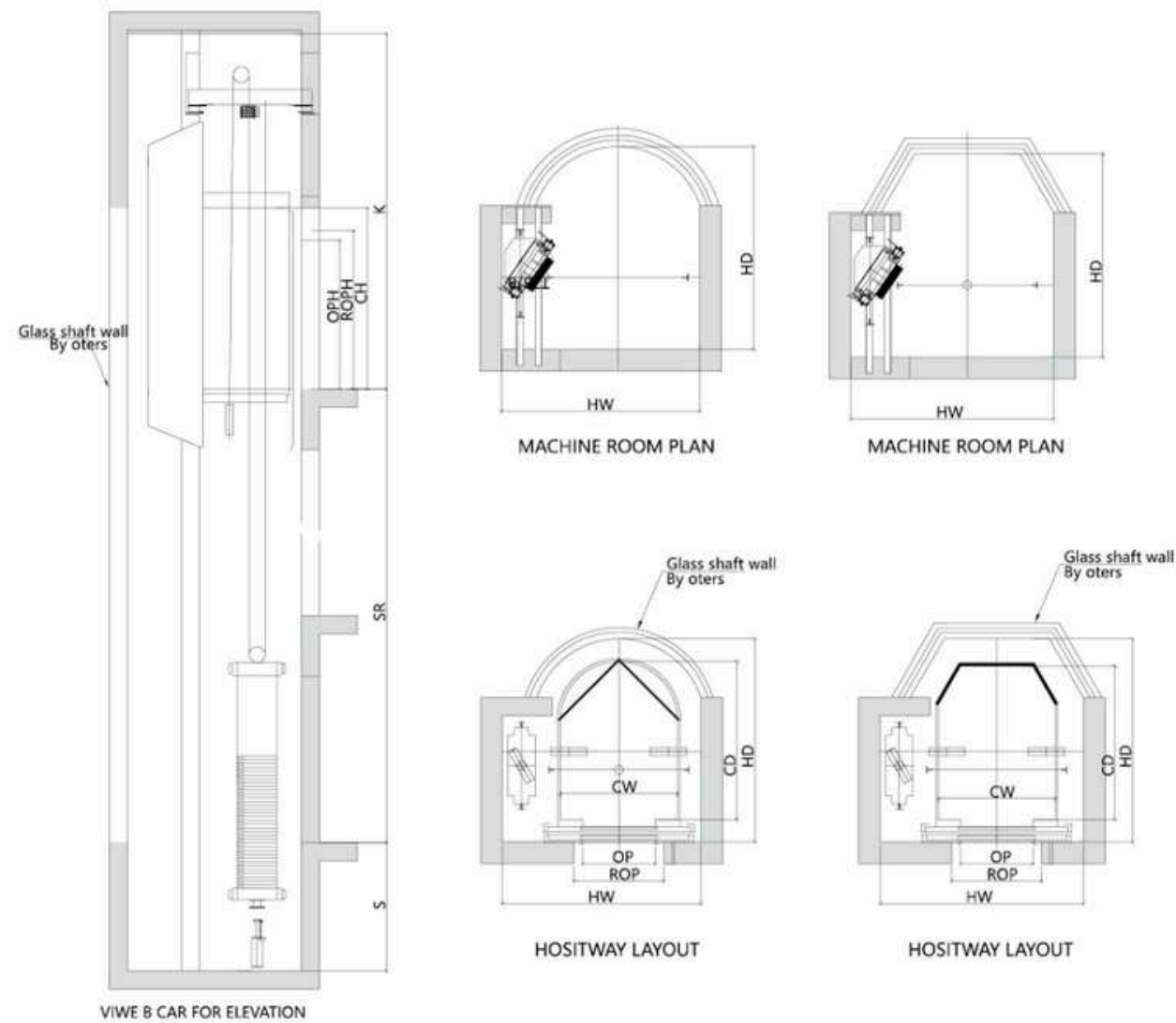
Parameter table

ENO500 Semicircle Diamond	RatedPayload(kg)	825(P11)					1050(P14)					1200(P16)					1350(P18)							
	Speed(m/s)	1.0	1.5	1.75	2.0	2.5	1.0	1.5	1.75	2.0	2.5	1.0	1.5	1.75	2.0	2.5	1.0	1.5	1.75	2.0	2.5			
	Door opening size (OP×OPH)(mm)	800×2100					900×2100					1000×2100					1000×2100							
	Carriage size (CW×CD×CH)(mm)	1000×1750×2400					1000×1950×2400					1550×2000×2400					1550×2200×2400							
	Shaft size (HW×HD)(mm)	2150×2200					2250×2400					2500×2450					2500×2650							
	Top height K (mm)	4400	4550	4600	4700	4950	4400	4550	4600	4700	4950	4400	4550	4600	4700	4950	4400	4550	4600	4700	4950			
	Shaft depth S(mm)	1600	1600	1700	1750	1900	1600	1650	1700	1750	1900	1600	1650	1700	1750	1900	1600	1700	1700	1750	1900			
ENO500 Square	RatedPayload(kg)	825(P11)					1050(P14)					1200(P16)					1350(P18)							
	Speed(m/s)	1.0	1.5	1.75	2.0	2.5	1.0	1.5	1.75	2.0	2.5	1.0	1.5	1.75	2.0	2.5	1.0	1.5	1.75	2.0	2.5			
	Door opening size (OP×OPH)(mm)	A	800×2100					900×2100					1000×2100					1000×2100						
			B	1000×1950×2400					1500×1600×2400					1600×1700×2400					1700×1800×2400					
				C	1400×1050×2400					1600×1600×2400					1700×1600×2400					1800×1700×2400				
					C	-					-					-					1800×1900×2400			
	Shaft size (HW×HD)(mm)	A	2150×1950					2350×2050					2500×2150					2600×2250						
			B	2250×1800					2450×1950					2600×2050					2700×2150					
				C	-					-					-					2600×2350				
					C	-					-					-					-			
	Top height K (mm)	4400	4550	4600		4700	4950	4400	4550	4600	4700	4950	4400	4550	4600	4700	4950	4400	4550	4600	4700	4950		
Shaft depth S(mm)	1600	1600	1700	1750	1900	1600	1650	1700	1750	1900	1600	1650	1700	1750	1900	1600	1700	1700	1750	1900				

Technical specifications

Project	Specifications					Note
Speed(m/s)	1.0	1.5	1.75	2.0	2.5	
Payload(kg)	825	825	825	825	825	
	1050	1050	1050	1050	1050	
	1200	1200	1200	1200	1200	
	1350	1350	1350	1350	1350	
	1600	1600	1600	1600	1600	
Max lifting height(m)	50	75	90	105	130	
Number of stops(stops)	16	24	32	36	42	
Operation method	1C-CSC, 2C-CSC, 3C~8C-GMC					Single control, parallel, group management control
Control mode	VFGL/L/S					
Cab type	Semicircle					Payload1050kg, 1200kg, 1350kg, 1600kg
	Diamond					Payload825kg, 1050kg, 1200kg, 1350kg, 1600kg
	Square					Payload825kg, 1050kg, 1200kg, 1350kg, 1600kg
Car decoration scheme	Overall plan, self-selected plan					
Car type	Deep car					
Counterweight position	Side position					
Door opening type	Single entrance					
Door opening mode	2CO two-panel central opening					
Door opening direction	Left opening, right opening					The door opening mode is two-panel side opening
Overall car number						When choosing an overall scheme for the Semicircle car interior decoration
						When choosing an overall scheme for the Diamond car interior decoration
						When choosing an overall scheme for the Square car interior decoration
Counterweight safety gear	No configuration, configuration					
Power supply	380V/50Hz Three-phase five-wire system					
Lighting power	220V/50Hz Single phase					
Supply code	ENO500					
Minimum layer height(mm)	2450					When OPH=2100
Floor display range	B1, B2, B3, B, G, M, -1, -2, -3, 1, 2, 3.....40, 41, 42					

PANORAMIC ELEVATOR



Parameter table

ENO600 Semicircle	RatedPayload(kg)	825(P11)			1050(P14)			1200(P16)			1350(P18)			1600(P21)		
	Speed(m/s)	1.0	1.5	1.75	1.0	1.5	1.75	1.0	1.5	1.75	1.0	1.5	1.75	1.0	1.5	1.75
	Door opening size (OPxOPH)(mm)	800x2100			900x2100			900x2100			1000x2100			1100x2100		
	Carriage size (CWxCDxCH)(mm)	1000x1750x2400			1000x1950x2400			1400x2050x2400			1500x2150x2400			1600x2300x2400		
	Shaft size (HWxHD)(mm)	2250x2250			2300x2450			2450x2600			2550x2700			2650x2850		
	Top height K (mm)	4300	4450	4500	4300	4450	4500	4500	4600	4700	4500	4600	4700	4500	4600	4700
	Shaft depth S(mm)	1750	1850	1900	1750	1850	1900	1750	1850	1900	1750	1850	1900	1750	1850	1900
ENO600 Diamond	RatedPayload(kg)	825(P11)			1050(P14)			1200(P16)			1350(P18)			1600(P21)		
	Speed(m/s)	1.0	1.5	1.75	1.0	1.5	1.75	1.0	1.5	1.75	1.0	1.5	1.75	1.0	1.5	1.75
	Door opening size (OPxOPH)(mm)	800x2100			900x2100			900x2100			1000x2100			1100x2100		
	Carriage size (CWxCDxCH)(mm)	1000x1700x2400			1000x1950x2400			1500x1900x2400			1500x2150x2400			1700x2150x2400		
	Shaft size (HWxHD)(mm)	2250x2250			2300x2450			2550x2450			2550x2700			2750x2700		
	Top height K (mm)	4300	4450	4500	4300	4450	4500	4650	4750	4750	4650	4750	4750	4650	4750	4750
	Shaft depth S(mm)	1750	1850	1900	1750	1850	1900	1750	1850	1900	1750	1850	1900	1750	1850	1900
ENO500 Square	RatedPayload(kg)	825(P11)			1050(P14)			1200(P16)			1350(P18)			1600(P21)		
	Speed(m/s)	1.0	1.5	1.75	1.0	1.5	1.75	1.0	1.5	1.75	1.0	1.5	1.75	1.0	1.5	1.75
	Door opening size (OPxOPH)(mm)	800x2100			900x2100			1000x2100			1000x2100			1100x2100		
	Carriage size (CWxCDxCH)(mm)			A	1000x1500x2400			1500x1800x2400			1600x1700x2400			1600x1900x2400		
				B	1400x1400x2400			1600x1500x2400			1700x1600x2400			1500x2000x2400		
	Shaft size (HWxHD)(mm)			A	2200x2000			2400x2050			2700x2250			2700x2450		
				B	2000x1850			2500x2000			2650x2050			2650x2550		
	Top height K (mm)	4300	4450	4500	4300	4450	4500	4700	4850	4900	4700	4850	4900	4800	4900	4900
	Shaft depth S(mm)	1600	1650	1700	1600	1650	1700	1650	1750	1800	1650	1750	1800	1650	1750	1800

Technical specifications

Project	Specifications			Note
Speed(m/s)	1.0	1.5	1.75	
Payload(kg)	825	825	825	
	1050	1050	1050	
	1200	1200	1200	
	1350	1350	1350	
	1600	1600	1600	
	2000	2000	2000	
Max lifting height(m)	50	75	90	
Number of stops(stops)	16	24	32	
Operation method	1C-CSC, 2C-CSC, 3C-8C-GMC			Single control, parallel, group management control
Control mode	VFGL/L/S			
Cab type	Semicircle			Payload1050kg, 1200kg, 1350kg, 1600kg
	Diamond			Payload825kg, 1050kg, 1200kg, 1350kg, 1600kg
	Square			Payload825kg, 1050kg, 1200kg, 1350kg, 1600kg
Cabinet decoration scheme	Overall plan, self-selected plan			
Car type	Deep car			
Counterweight position	Side position			
Door opening type	Single entrance			
Door opening mode	2CO two-panel central opening, 2SO two-panel side opening			
Overall car number				When choosing an overall scheme for the Semicircle car interior decoration
				When choosing an overall scheme for the Diamond car interior decoration
				When choosing an overall scheme for the Square car interior decoration
Counterweight safety gear	No configuration, configuration			
Power supply	380V/50Hz Three-phase five-wire system			
Lighting power	220V/50Hz Single phase			
Supply code	ENO600			
Minimum layer height(mm)	2500			When OPH=2100
Floor display range	B1, B2, B3, B, G, M, -1, -2, -3, 1, 2, 3.....32			

ESCALATOR

Lucentron serial escalators fully apply the novel materials and the advanced domestic and overseas technology for design and manufacture. The escalators have the consummate structure, elaborate stairway, delicate belt, attractive outline. They are widely applicable for large passenger flow areas such as the shopping centers, supermarkets, subways, airports etc. It adds a charming mobile view for vast constructions.

Monitored running

The super CPU main board monitors the operation in real time. If any abnormal situation occurs, it automatically brakes and records the malfunctions code.

Long life

The truss utilizes first class rectangle steel with unique structure, high strength and nice anti-corruption durable features.

Little noise

The large size diameter of step roller operates minimizes the noise and prolongs the product life.

High efficiency & energy-saving

Customer can choose VVVF control to control running speed, the energy saving performance is obvious. It can prolong product life and reduce the operation cost.

More advanced

The advanced international craftsmanship ensures the accuracy of steps.

More secure

The human-oriented handrail entrance is secured by brush.

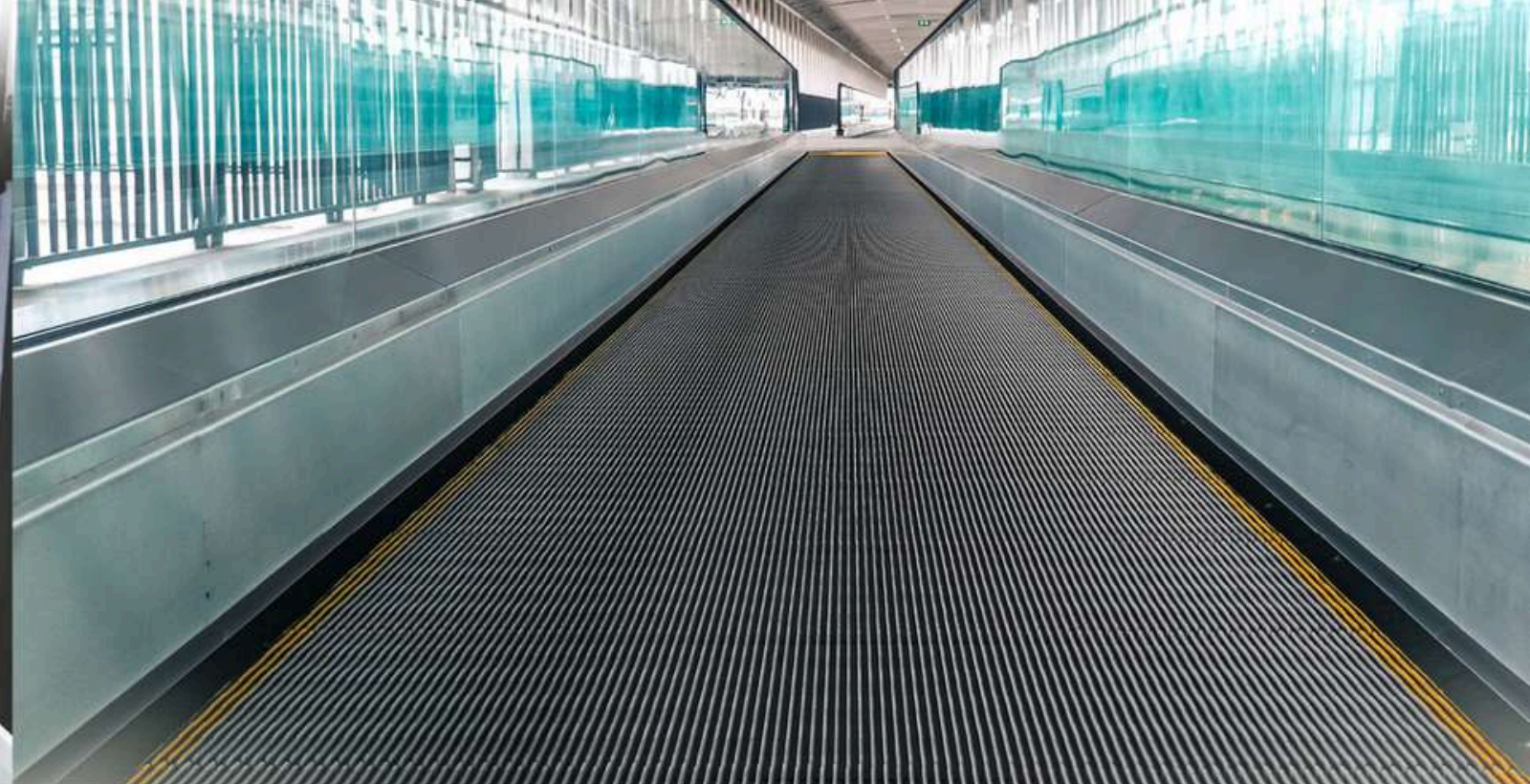
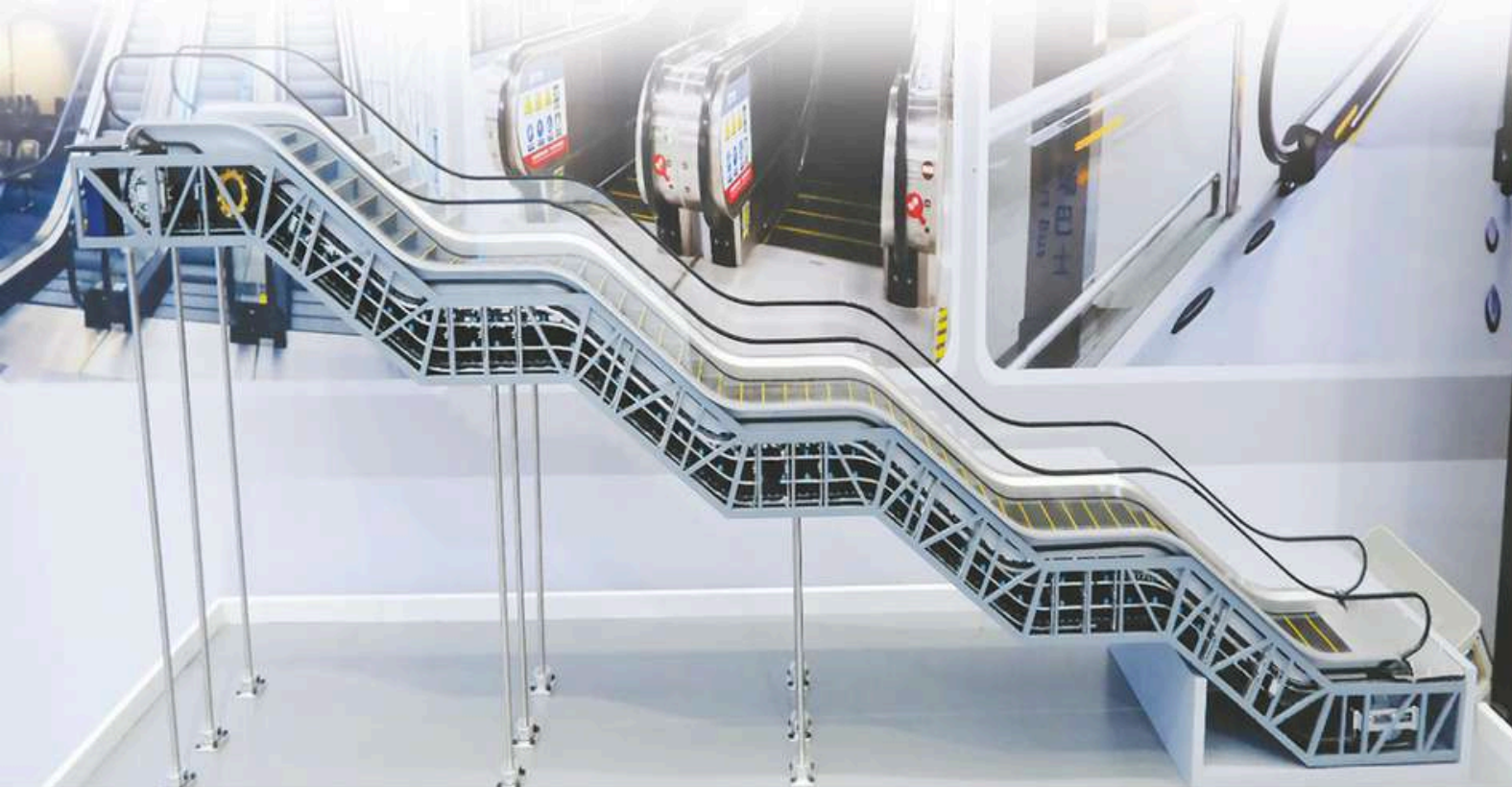


PUBLIC TRAFFIC ESCALATOR

Lucentron public-transportation-type escalator can adapt to severe environmental conditions and can be exposed to sunshine, rains, winds and sands. It has good water-proof performance, corrosion resistance performance, and dust resistance performance and can work under continuous load conditions with longer service life.

Lucentron heavyduty public traffic type escalator integrates the aesthetics, safety, environmental protection into one according to the harmonious transport ideas. It is custom-made for public traffic. It can endure the harshest environmental checks. It is an effective heavy-duty escalator transport solution plan.

Lucentron public traffic escalator is an ideal choice for outside, metro, underground market, overbridge, etc. The design on appearance and function are flexible to the site facilities, make the public structure harmonious and pleasant. Good water proof equipment, reliable safety function, demonstrate the goodness to the society from Lucentron.



WAVE ESCALATOR

Lucentron Elevator Wave Escalator, with innovative design integration of practical functions, its unique wave appearance, so that passengers experience as if in the waves, feel the dynamic ups and downs, it symbolizes the major breakthrough of escalator technology in the field of innovation. The wave type escalator is not only beautiful, but also suits with the building height, enhances the overall aesthetic feeling, and becomes the design highlight. It combines the high throughput and artistic quality, ensures the efficient operation, and meets the dual needs of vision and practicality, is the perfect complement of architectural space.

Product Type

1. Commercial escalators
2. Public transportation escalators
3. Heavy-duty escalators at scenic spots
4. Horizontal Moving walkway
5. Four-wave escalator



Efficient and fast construction

1. Foundation construction 3 days
2. 3 hours lifting the shaft

Diversity of elevator shafts

1. Independent structure to protect the original building
2. Aluminum Insulation Board, beautiful maintenance-free
3. Module construction, fast and efficient

Q235 steel structure

1. Expected service life of 50 years
2. Independent elevator shaft with float links

MOVING WALK

Lucentron auto-walk elevates the shopping to a newly concise and comfortable realm, It not only satisfies the conveying problem of large passenger flow, but also meets the requirements of long-distance walk, carrying luggage cart, baby's cart, shopping cart, the vehicle for the handicapped etc, It is greatly convenient for people's outing and shopping.

Space-saving

Compact structure, ease strain: Short pallets can greatly reduce space span, which can flexibly fits the building structure and save the construction space for the customer, It comprises H version(horizontal), I version (incline) and C version (compact) can let the customer have a free choice on his original layout.

Stable and reliable

Stable and reliable investment: The pallet directly connecting with the chain which makes the running more smoothly and quietly, thus the service life is extended and its maintenance can be easily conducted, Special designed big wheel handrail drive runs in low noise and big power, which improves the running condition of handrail, its life is hence prolonged, Unique tube structure has a big load capacity, which greatly improves the overall stability and service life.

Colorful and enchanted

Colorful decoration: Various styled handrail can meet personal demand in different environments, Beautiful stainless steel floor plate has a three-dimension effect, Inner and outer decking adopts stainless steel.

More economical

Incomparable economical: The moving walk fully utilizes advanced manufacturing process, greatly improves product performance and service life, the most direct result is that the operation cost of the customer is reduced, The optional VF drive technology yields great energy-saving, reducing the running cost to the maximum.

Advanced technology

Standard functions

Handrail inlet



The escalator is richly endowed with the intelligence and popularity by the novel, distinctive, elegant, tensile and modernized streamline handrail inlet and outlet design model. It appears to be more beautiful in the outer appearance. It displays the nobleness and imposing manner of the conveying constructions.

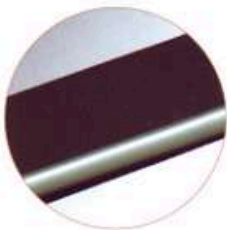
Step chain-roller inbuilt



The roller has been internally installed in the specially-designed roller step chain. It can effectively fulfill the reduction of the noise during the driving process and bring about a more smooth and quiet operation.

Handrail color

Black(standard)



Fault display



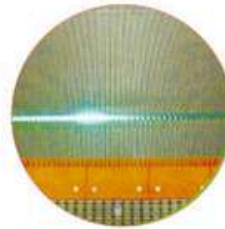
When some defect takes place, the trouble code will be displayed in the defect screen. It ensures the effective and accurate trouble position within the shortest time possible. In this way, it greatly enhances the repair and maintenance efficiency.

Automatic oiling



Automatic oiling and lubricating system fulfills the ideal automatic lubrication to the transmission chain during the running process of the escalator. It not only reduces the daily repair and maintenance work load, but also prolongs the service life of the driving mechanism.

Demarcation lamp



Green fluorescent lamp is installed in upper / lower step tread. When two connecting steps stagger, green fluorescence gives light through step teeth. It helps the passengers identify entry / exit horizontal step segments and enhances the travel safety.

The glass wainscot color

Colorless and transparent (standard)



Oil / water separator (Apply to outdoor type)



It separates the escalator oil and water. Rain exhausts through oil / water separator. We regularly clean oil mainly for the environmental protection purpose.

Optional functions

Automatic start / stop travel device



The sensor is near the floor plate to detect the approaching passengers. It will start automatically. It will automatically stop when all the passengers leave the lift.

Heating device



Each escalator usually installs three heating devices. One is beside the host in the upper machine room. It mainly heats the host. The second is installed in the mid escalator. And the third is in the lower part. It mainly heats the whole escalator.

Comb illumination

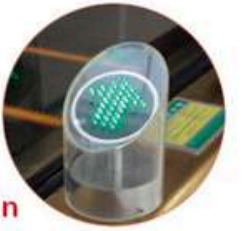


The illumination has been installed in the skirt panel near the comb plate. It offers the lighting for the step and the comb plate. It is more convenient for the passengers to up and down the escalator.

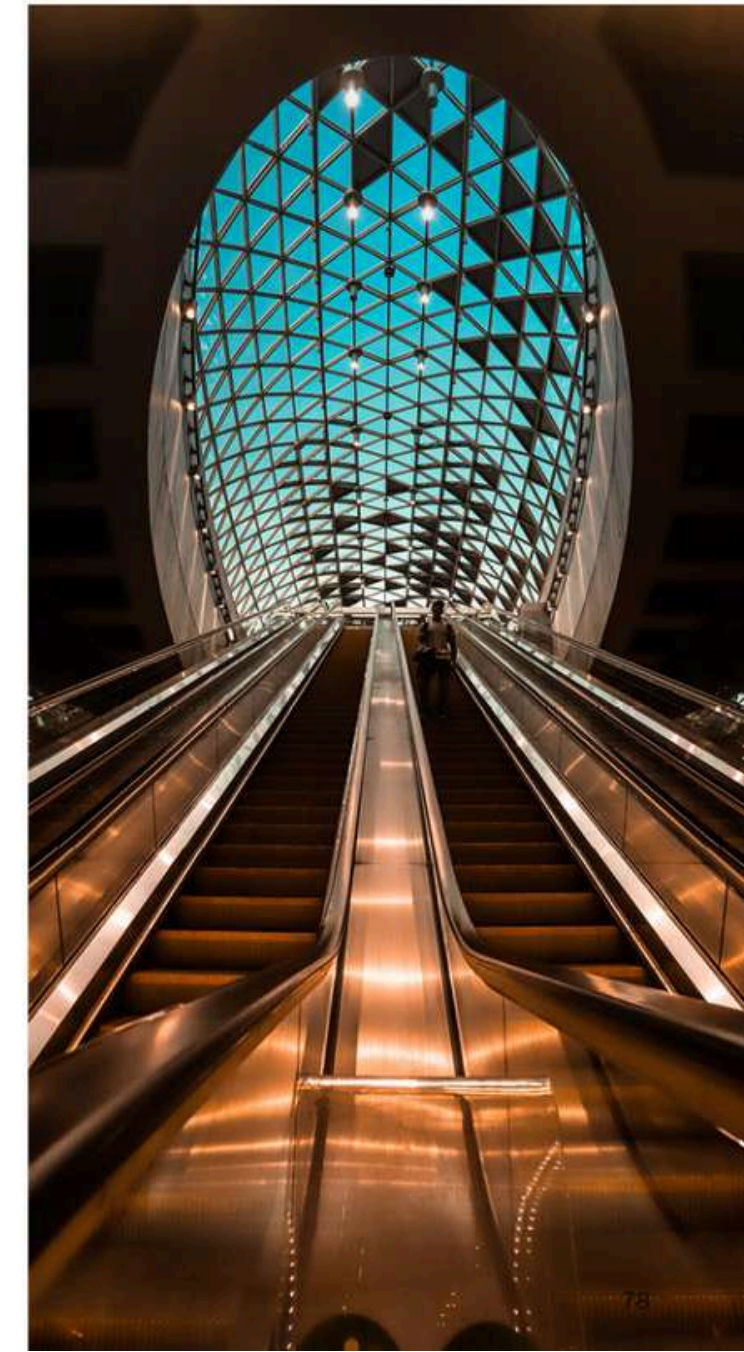
Energy saving operation modes

It can adopt variable frequency control or the automatic starting mode to fulfill the energy-saving.

Running direction indication



The direction and forbidding the use of novel display identifies a long circular structure, placed inside the cover on the escalator entrance, simple and elegant, easy to watch the operation of the escalator or the forbidden line instructions to ensure the safety of passengers the freedom to ride.



Safety device

Escalator safety device



Standard safety device

1. Lack of phase, error phase protection

If lack phase or error phase has been checked out, the escalator (auto-walk) will automatically stop the operation.

2. Motor over-load protection

When the current exceeds 15% of the current rating, the escalator will automatically stop the operation.

3. Electrical appliance loop protection

It offers the automatic circuit disconnecting device to protect the circuit and mains components of the escalator (auto-walk).

4. Handrail inlet protection

When some foreign substance has been clipped in the handrail inlet, the escalator (auto-walk) will automatically stop the operation.

5. Comb plate safety device

When some foreign substance has been clipped in or between the combs, the escalator (auto-walk) will automatically stop the operation.

6. Step sagging protection device

When there is abnormal step bending, the escalator (auto-walk) will stop the operation before the step entering into the comb plate.

7. Broken drive-chain safety device

When the drive-chain has been over-stretched or it is broken, the escalator (auto-walk) will automatically stop the operation.

8. Broken step chain protection

When the step (pallet) chain has been over-stretched or it is broken, the escalator (auto-walk) will automatically stop the operation.

9. Over-speed protection

When there is over-speed to the escalator (auto-walk), it will automatically stop the operation.

10. Direction reversal protection

When it comes the unintentional reversal of the direction of travel, the escalator (auto-walk), will automatically stop the operation.

11. Security line

The yellow synthetic resin security line is located in the front position and two sides of the escalator tread so that the passengers will not tread in-between the edge of the adjacent step and the lift group lengthened skirt panel. The security line on both sides of the step is higher than tread surface. (The auto-walk offers the selective yellow spray-painted security line.)

12. Emergency button

When the button has been pressed down, the escalator (auto-walk), will stop the operation.

Auto-walk safety device



13. Upper and lower protection plates in the machine room

During inspection and maintenance, it could prevent operators from being involved in stairs or foot boards.

14. Brake protection

When the electric force falls short of supply or it acts any of the safety device, the brake function goes into effect by the safety device through the spring resilience action. In this way, the escalator (auto-walk) stops the operation.

15. Safety inspection switch

It is a safety device to prevent from the escalator starting during the inspection and maintenance.

16. Warning lights

Illumination exists in the upper and lower ends of the escalator, in the lower part of the step in order to remind the passengers of the security matters.

17. Alarm bell starting device

The alarm bell rings when it starts the escalator in order to remind the passengers of the security matters.

18. Control device for handrail breakage

When the handrail is broken, the escalator will automatically stop the operation.

19. Step&pallet missing protection

Under normal mode, when detect the missing of step or pallet, escalator or moving walk will stop working. When its under inspection mode, not detecting.

20. Handrail speed monitor

Under normal mode, when the handrail deviation of more than -15% to the actual speed for more than 15s, escalator or moving walk will stop working. When its under inspection mode, not detecting.

21. Floor plate open protection

Under normal mode, when the floor plate is open, the escalator & moving walk will stop working. When its under inspection mode, this switch will be instead by the stop button on the manual controller.

22. Motor brake lifting detecting

After starting the escalator & moving walk, if there is non-lifting of the brake system, escalator & moving walk will stop working.

23. Motor hand winding device protection

When the hand winding device is used in the motor, the escalator and moving walk will stop working.

24. Step brake distance detect device

When the brake distance over 1.2m, the system will stop working.

25. Skirting brush (standard for escalators, optional for moving walks)

Should follow GB16899-2011 no. 5.5.3.4 rules.

Safety device

Optional safety device

26. Additional brake

It prevents from the escalator slide and ensures the human security in case of the drive chain breakage or the out-of-order of the brake, (It should be allocated with the emergency brake H> 6m.

29. Heating device

Each escalator usually installs three heating devices, One is beside the host in the upper machine room, It mainly heats the host, The second is installed in the mid escalator, And the third is in the lower part, It mainly heats the whole escalator.

27. Comb illumination

The illumination has been installed in the skirt panel near the comb plate, It offers the lighting for the step and the comb plate, It is more convenient for the passengers to up and down the escalator.

30. Fire linkage

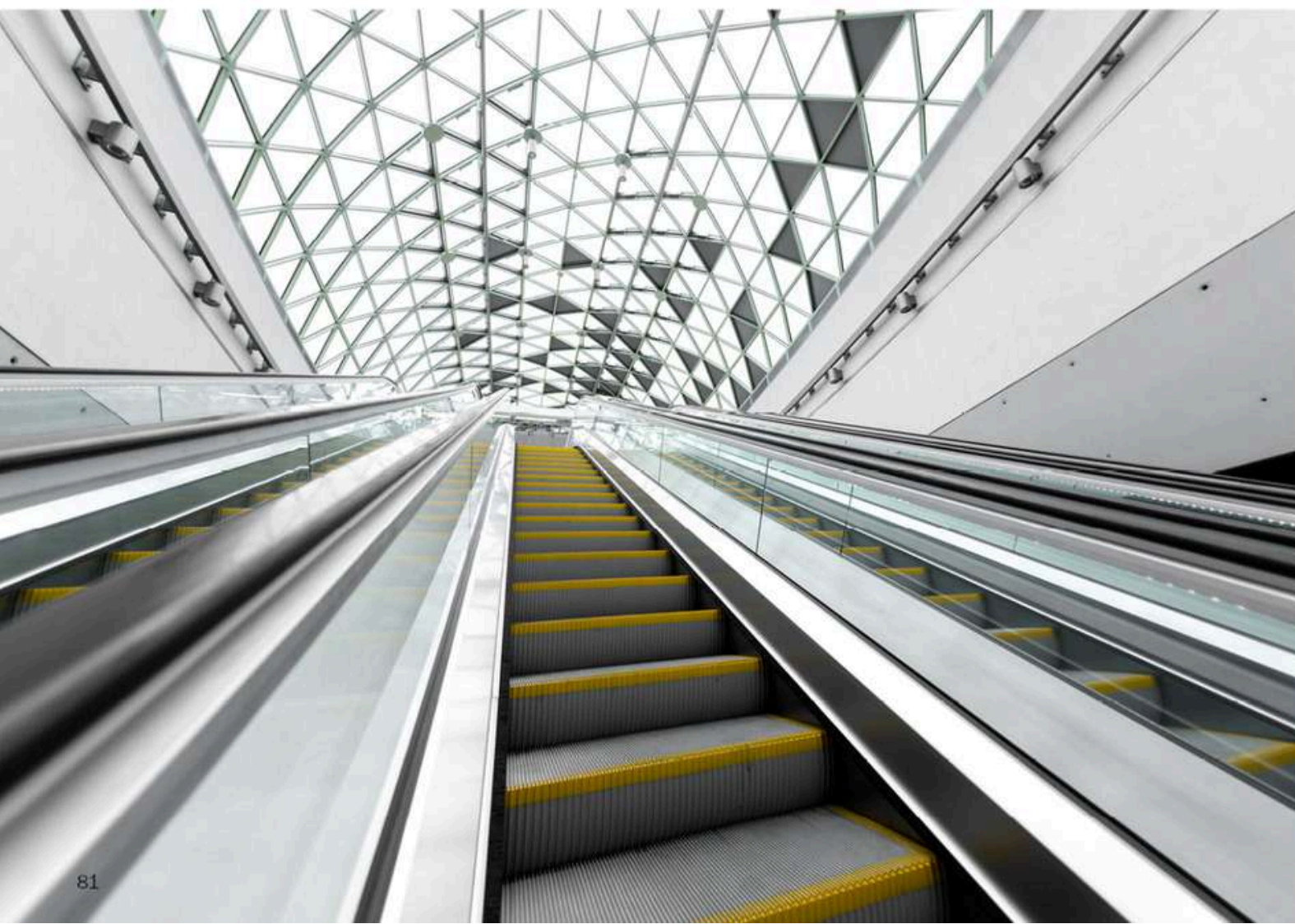
When this device comes into action, it can stop the escalator (Passenger conveyor) operation. It is installed near the escalator (Passenger conveyor).

28. Conversion function

It can adopt variable frequency control or the automatic starting mode to fulfill the energy-saving.

31. Lower machine room drain

When it exceeds the standard water level in the lower machine room, the automatic drain system will start accordingly.(outdoor type)



Function

Static electricity protection

Remove static electricity raised from running of steps

Emergency stop button

Push the emergency stop button to stop the escalator/passenger Conveyor against emergency happen

Control device for handrail breakage

When the handrail is broken, the escalator will automatically stop the operation

Handrail entry safety protection

Protection against risk of foreign matters being jammed into handrail entry

Main drive chains safety protection

Protection against risk of drive chains being breakage or over long

Over-speed protection

Protection against risk of speed being over 20% of rated speed

Under-speed protection

Protection against risk of speed less than 80% of rated speed

Un-intentional reversal protection

Protection against risk of unintentional reversal protection

Lack of phase, error phase protection

Protection against risk of phase failure

Short circuit protection

Protection against risk of short circuit

Over-load protection

Protection against risk of motor continually over-load

Step sagging protection

Protection against risk of steps being breakage and sagging

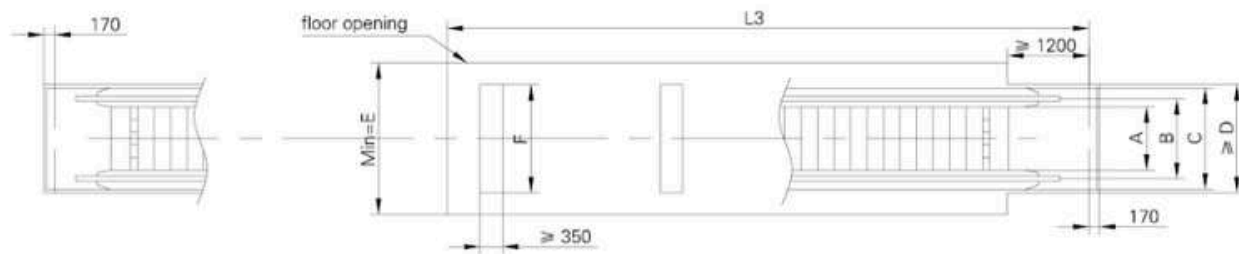
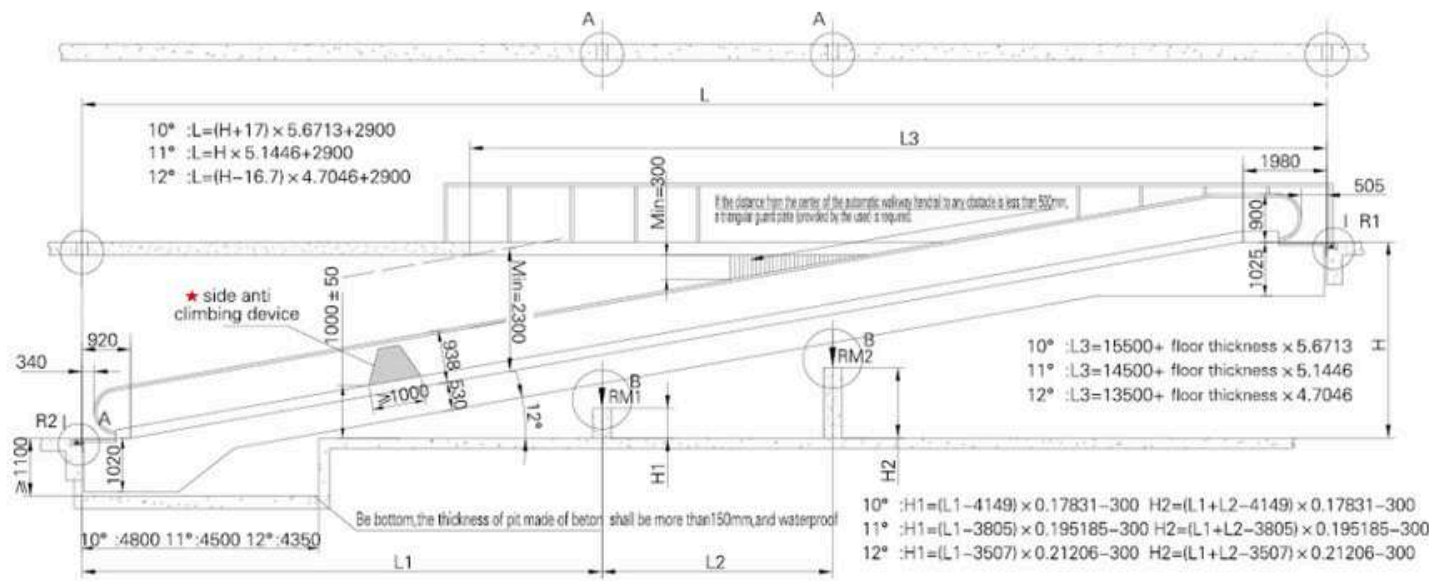
Step chains safety protection

Protection against risk of step chains being breakage or over long

Comb safety guard

Protection against risk of foreign matters being trapped into comb teeth of step(pallet)

Single radian autowalk construction sketch

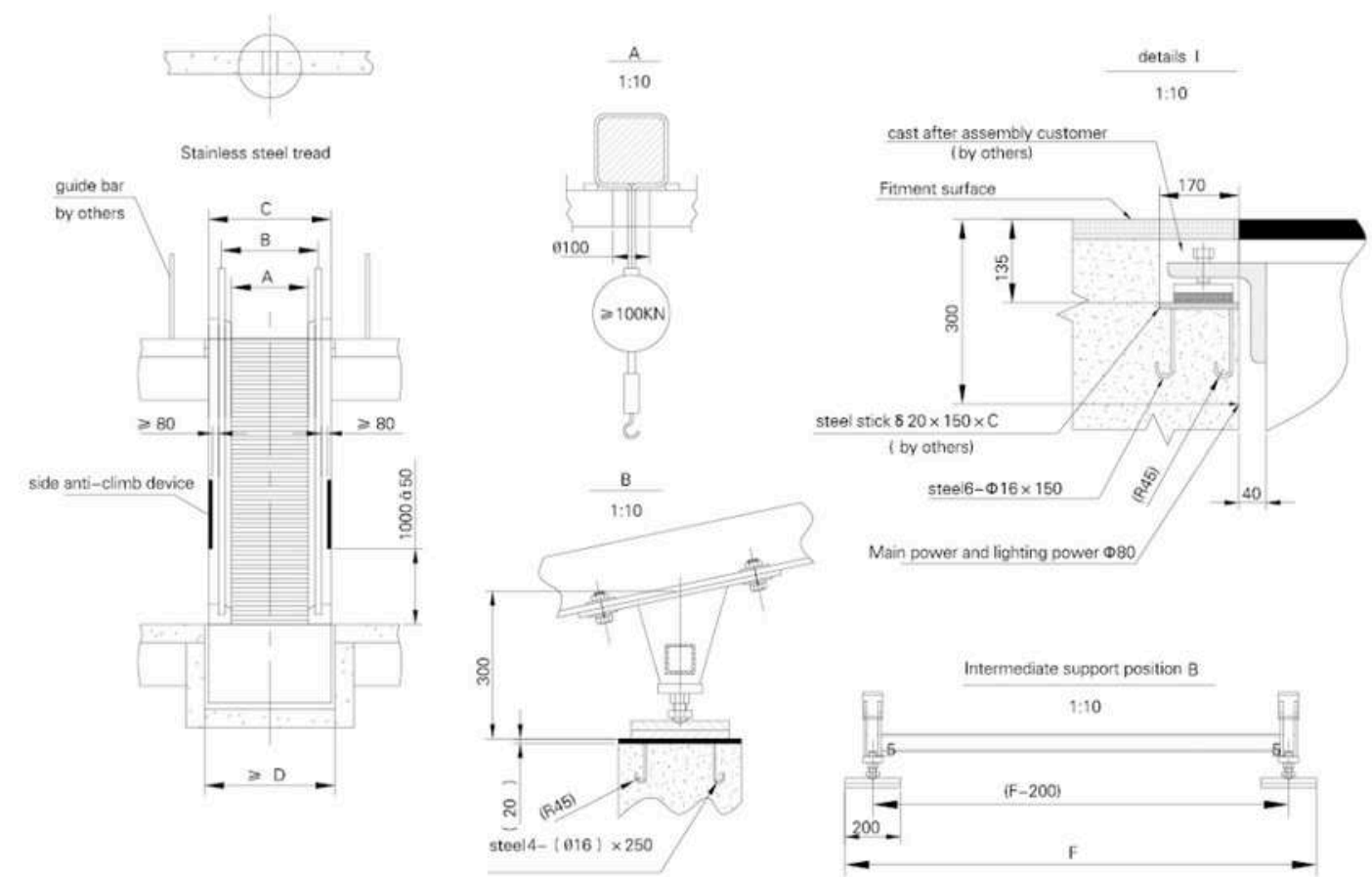


Model No.	A	B	C	D	E	F
10° ML 11°-800 12°	800	1037	1340	1400	2037	1500
10° ML 11°-1000 12°	1000	1237	1540	1600	2237	1700

10°	A=1000					
H(mm) L(mm)	N.W.(KN)	R1(KN)	R2(KN)	RM1(KN)	RM2(KN)	P(KW)
2500 17175	90	51	43	85		7.5
3000 20010	100	57	49	96		9
3500 22846	111	65	56	108		11
4000 25682	121	70	62	120		11
4500 28517	132	77	68	131		11
5000 31353	142	85	75	142	97	13
5500 34189	153	93	82	153	109	15
6000 37024	163	101	89	164	121	15

10°	A=800					
H(mm) L(mm)	N.W.(KN)	R1(KN)	R2(KN)	RM1(KN)	RM2(KN)	P(KW)
2500 14583	87	45	37	74		7.5
3000 16935	97	51	43	85		9
3500 19288	107	58	49	96		11
4000 21640	117	62	55	106		11
4500 23992	127	68	60	115		11
5000 26344	137	74	66	124	79	13
5500 28697	147	80	71	135	99	13
6000 31049	157	86	77	145	111	15

Note: Only for reference, final manufacture please follow contract



11°	H(mm)	L(mm)
2500	15762	
3000	18334	
3500	20906	
4000	23478	
4500	26051	
5000	28623	
5500	31195	
6000	33768	

A=1000					
N.W.(KN)	R1(KN)	R2(KN)	RM1(KN)	RM2(KN)	P(KW)
85	49	41	78		7.5
94	55	47	89		7.5
104	61	53	99		9
114	68	59	112		11
123	73	65	124		11
133	80	71	135		11
142	86	77	146	98	13
152	93	83	157	109	15

A=800					
N.W.(KN)	R1(KN)	R2(KN)	RM1(KN)	RM2(KN)	P(KW)
82	43	35	67		7.5
91	49	41	78		7.5
100	54	46	87		9
110	60	52	98		9
119	65	57	107		11
128	70	61	117		11
137	50	41	97	80	13
146	56	47	91	92	13

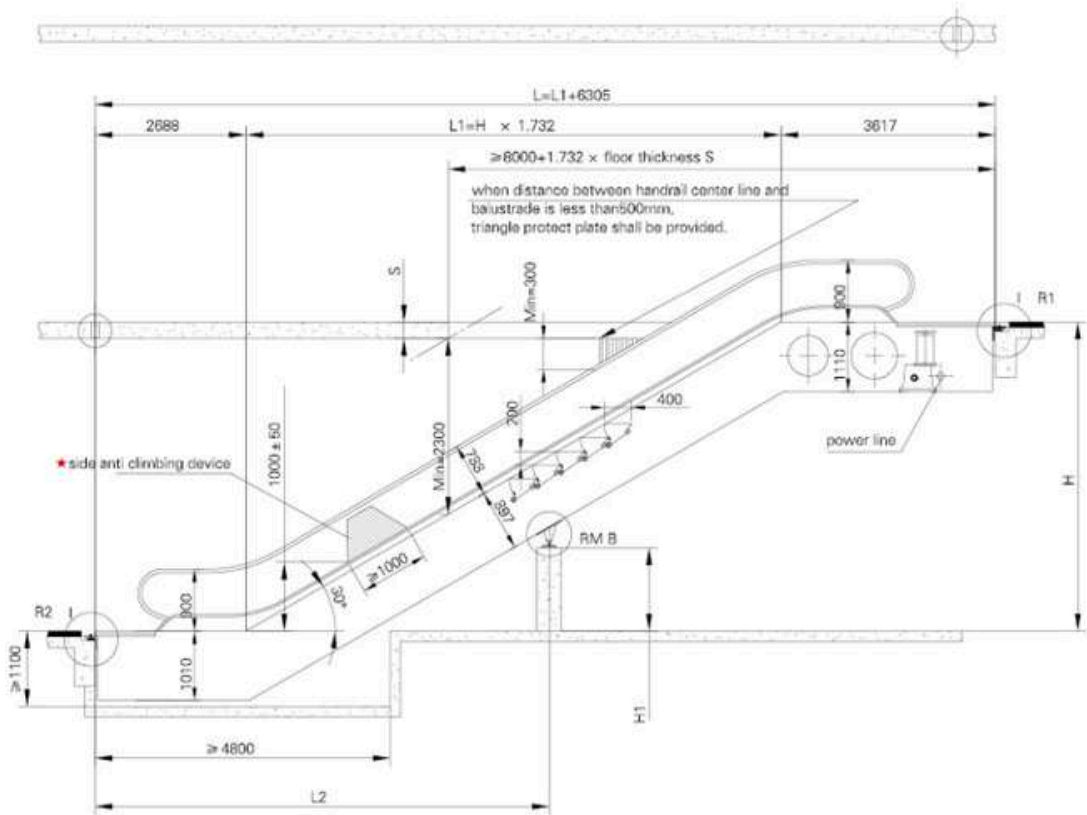
12°	H(mm)	L(mm)
2500	14583	
3000	16935	
3500	19288	
4000	21640	
4500	23992	
5000	26344	
5500	28697	
6000	31049	

A=1000					
N.W.(KN)	R1(KN)	R2(KN)	RM1(KN)	RM2(KN)	P(KW)
80	46	41	87		5.5
94	55	45	99		7.5
98	60	52	113		7.5
108	66	56	127		9
118	69	60	141		11
126	74	65	155		11
133	56	52	113	113	11
142	65	55	116	120	13

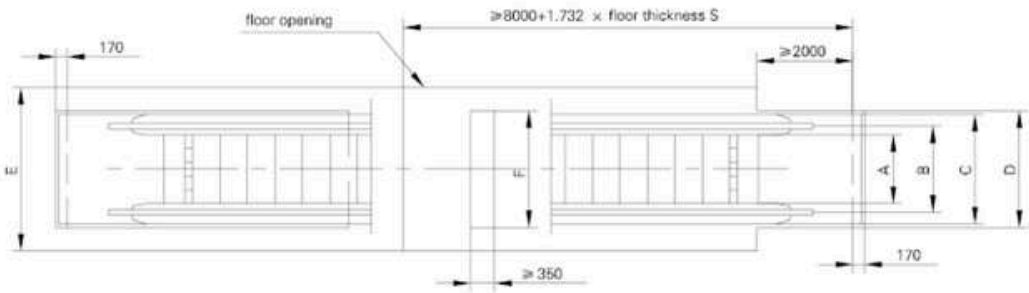
A=800					
N.W.(KN)	R1(KN)	R2(KN)	RM1(KN)	RM2(KN)	P(KW)
78	41	33	63		5.5
86	46	38	72		5.5
95	51	43	81		7.5
103	56	48	90		7.5
111	61	53	99		9
120	66	57	135		11
128	71	52	99	99	11
136	58	48	100	100	13

Note: Only for reference, final manufacture please follow contract

Public traffic escalator construction sketch



★ If there is a risk of personnel falling, anti-climbing devices should be installed to prevent people from climbing on the outside of the handrail device.



Model No.	A	B	C	D	E	F
ML30-800	800	1037	1340	1400	2037	1500
ML30-1000	1000	1237	1540	1600	2237	1700

Model No.	Rising height mm
9500	
10000	
10500	
11000	
11500	
12000	
12500	
13000	

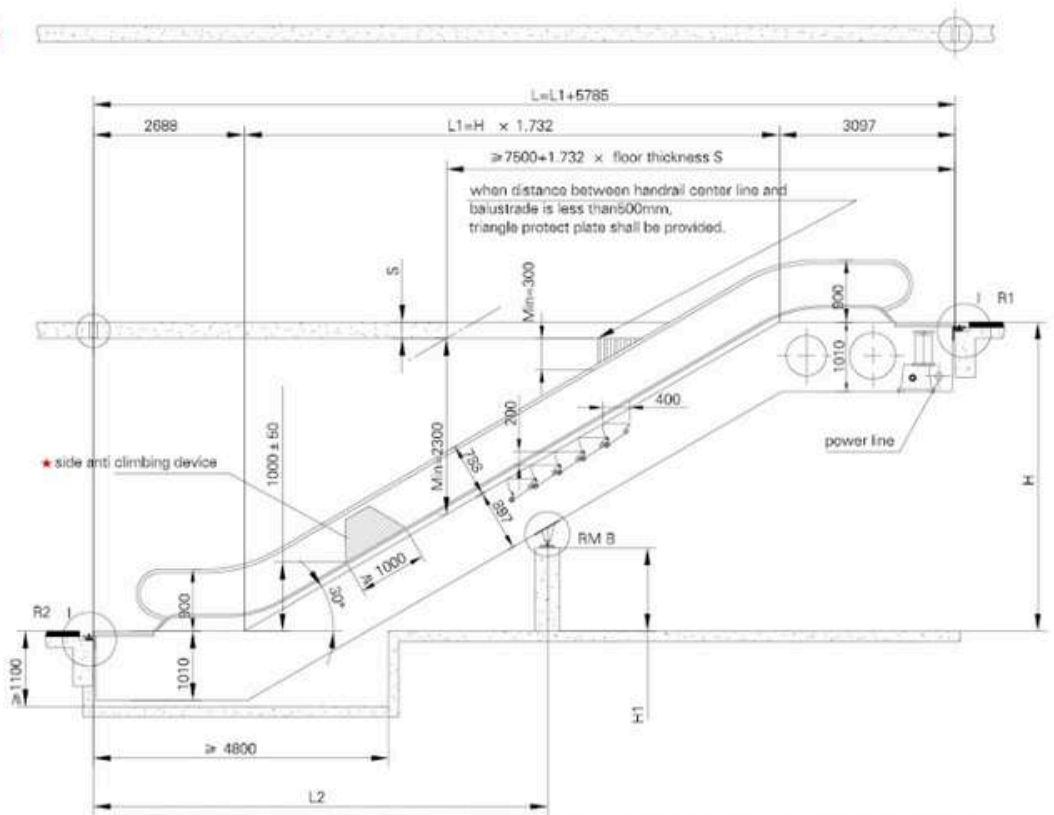
ML30-800 (4800p/hour)				
N.W. (KN)	R1(KN)	R2(KN)	RM(KN)	Motor Power (KW)
129	73	65	119	2 x 9
132	75	67	122	2 x 9
135	77	69	126	2 x 9
138	79	71	130	2 x 9
141	81	73	134	2 x 9
144	83	75	138	2 x 9
147	85	77	142	2 x 9
150	87	78	146	2 x 9

ML30-1000 (6000p/hour)				
N.W. (KN)	R1(KN)	R2(KN)	RM(KN)	Motor Power (KW)
138	80	71	135	2 x 11
142	82	73	140	2 x 11
146	85	76	144	2 x 11
150	87	78	149	2 x 11
154	89	80	153	2 x 11
158	91	82	158	2 x 13
162	93	84	162	2 x 13
166	95	86	167	2 x 13

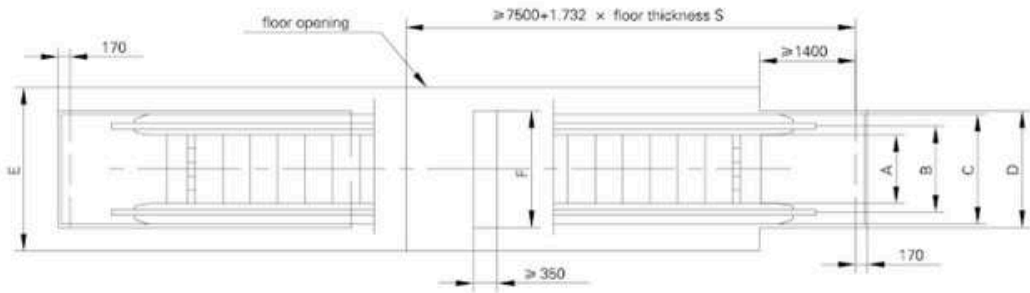
Note: Only for reference, final manufacture please follow contract

30° escalator construction sketch

3 flat steps



If there is a risk of personnel falling, anti-climbing devices should be installed to prevent people from climbing on the outside of the handrail device



Model No.	A	B	C	D	E	F
ML30-600	600	837	1140	1200	1837	1300
ML30-800	800	1037	1340	1400	2037	1500
ML30-1000	1000	1237	1540	1600	2237	1700

Model No.	Rising height mm
6500	
7000	
7500	
8000	
8500	
9000	

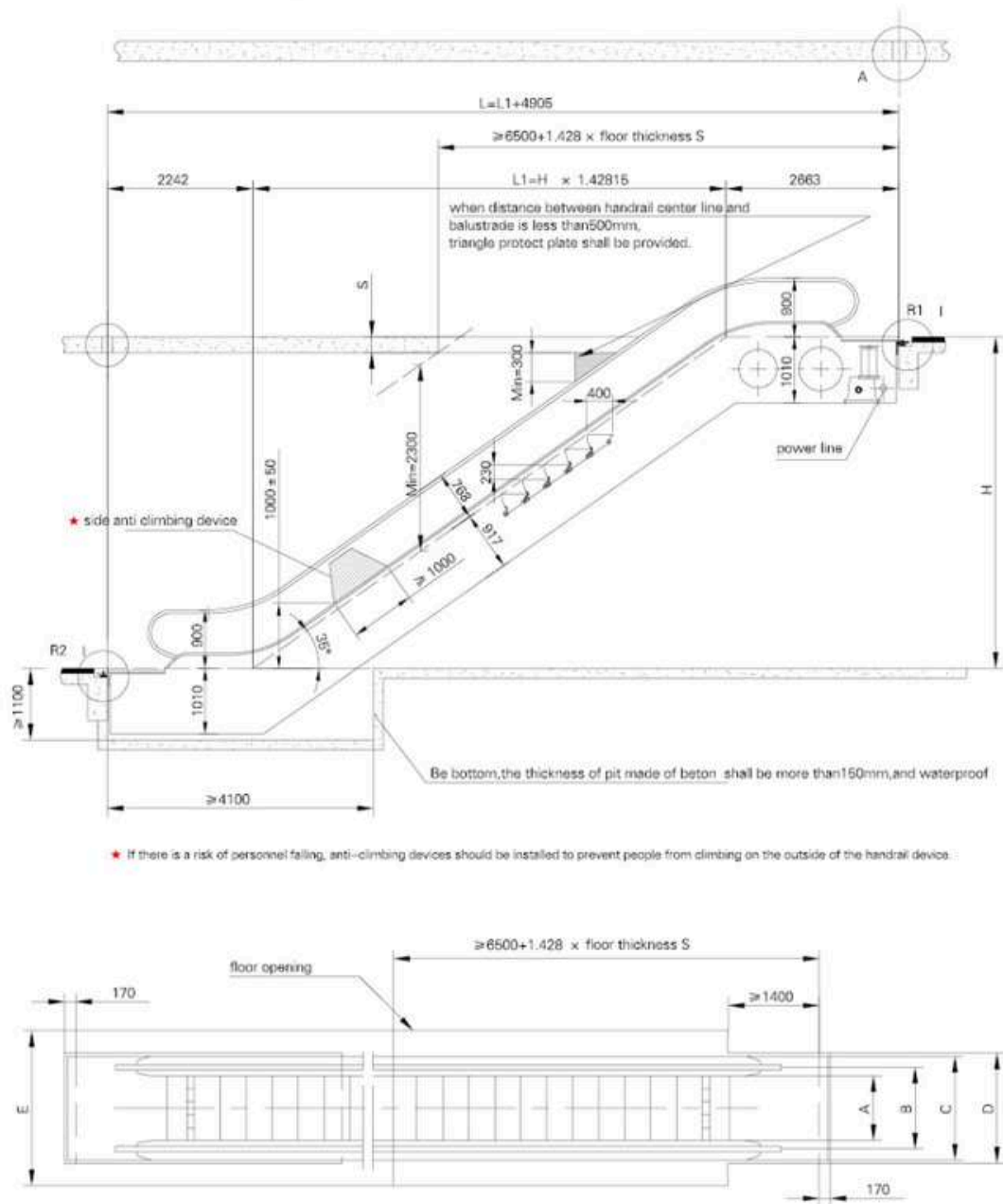
ML30-600 (3600p/hour)				
N.W. (KN)	R1 (KN)	R2 (KN)	RM (KN)	Motor Power (KW)
87	51	44	84	9
91	53	45	87	9
95	55	47	91	9
99	57	49	95	9
103	59	51	98	9
107	61	53	102	9

ML30-800 (4800p/hour)				
N.W. (KN)	R1 (KN)	R2 (KN)	RM (KN)	Motor Power (KW)
90	54	46	87	9
94	56	48	91	11
98	58	50	95	11
102	60	52	99	11
106	62	54	103	13
110	64	56	107	13

ML30-1000 (6000p/hour)				
N.W. (KN)	R1 (KN)	R2 (KN)	RM (KN)	Motor Power (KW)
94	60	51	100	11
98	62	53	104	13
102	64	55	108	13
106	66	57	112	15
110	68	59	116	15
114	70	61	120	15

Note: Only for reference, final manufacture please follow contract

35° escalator construction sketch



★ If there is a risk of personnel falling, anti-climbing devices should be installed to prevent people from climbing on the outside of the handrail device.

Model No.	A	B	C	D	E
ML35-600	600	837	1140	1200	1837
ML35-800	800	1037	1340	1400	2037
ML35-1000	1000	1237	1540	1600	2237

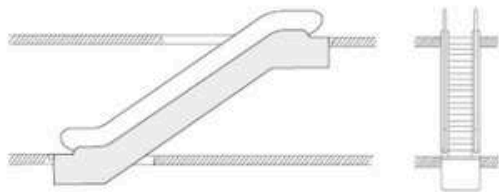
Model No.	ML35-600 (3600p/hour)				ML35-800 (4800p/hour)				ML35-1000 (6000p/hour)			
Rising height mm	N.W. (KN)	R1(KN)	R2(KN)	Motor Power (KW)	N.W. (KN)	R1(KN)	R2(KN)	Motor Power (KW)	N.W. (KN)	R1(KN)	R2(KN)	Motor Power (KW)
3000	54	49	44	5.5	56	54	48	5.5	60	60	53	5.5
3500	57	52	44	5.5	60	57	51	5.5	64	63	56	7.5
4000	60	54	49	5.5	63	59	53	5.5	67	66	59	7.5
4500	64	57	51	5.5	66	62	56	7.5	71	69	62	7.5
5000	67	59	54	5.5	70	65	59	7.5	74	73	66	9
5500	70	62	56	5.5	73	68	62	7.5	82	76	69	9
6000	73	64	59	7.5	76	71	65	9	85	79	72	11

Note: Only for reference, final manufacture please follow contract

Arrangements planning guide

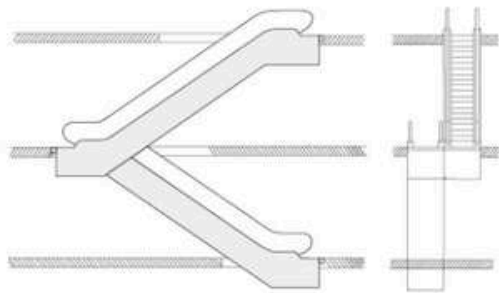
Single unit arrangement

particularly suitable for transporting passengers between two floor levels,where passenger flow is in one direction,althoughon-demand starting can be utilized to allow travel in both two directions,(e,g,up in the morning and down in the evening).



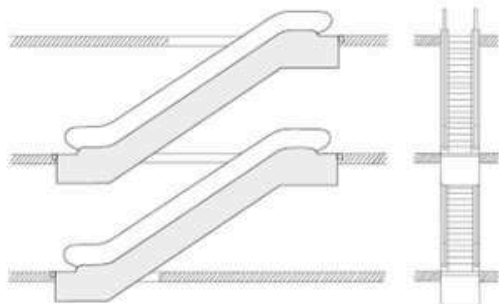
Continuous arrangement(one travel direction)

Mainly suitable for small department stores,between three sales floor levels,More space required than the interrupted arrangement.



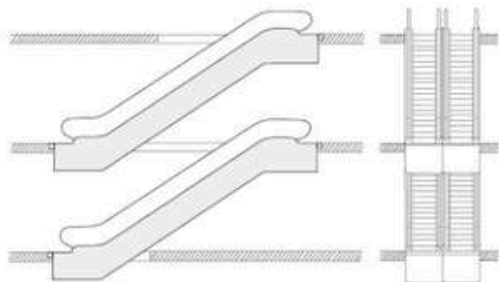
Interrupted arrangement(one trauel direction)

Passengers have to make a short detour to the next escalator, strategically placed displays alongside the route of this detour can help to increase sales by encouraging impulse buying.



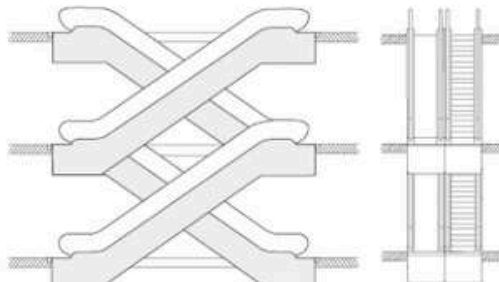
Multi-level parallel arrangement (interrupted traffic,two travel directions)

Mainly used in department stores and public buildings with a heavy traffic flow,When there are three or more escalators,the possibility to reverse the direction of travel of both escalators depending on the usage or traffic flow,this arrangement is economical,since no decorative truss cladding required.



Multi-level criss -cross arrangement (continuous traffic flow,two travel dirctions)

Mainly used in major department stores,public buildings and public transport buildings,reduce congestion at the landing area by separating upwards and downwards travelling passengers.



After-sales service

Technology has
changed life

Lucentron elevator with class technology, management experience and excellent service, the products provided by the installation, maintenance and quality control of the science. Select Lucentron elevator, is to choose a complete set of service system.

The company pursues "focus on quality, focus on service, customer-centric" business philosophy, the establishment of a capable professional installation team and a nationwide after-sales service network and spare parts supply system, providing customers with 24 hours "zero distance, the weather service. Let each one take the the Lucentron elevator passengers can have a relaxed good mood!

Service Center

From building projects of customers to the lifelong service life of the products, Lucentron Elevator Provides customers with meticulous services with great consideration through all the procedures.

The nation-wide after-sale service network

Lucentron Elevator sets up the branches in every major domestic cities. We provide the local customers with the fast response at the first time and prompt parts supply.

Rest assured: good quality and perfect after-sales service

It implements the perfect after-sale service and life-long repair & maintenance to every lift which has been sold to the customers. This is our solemn guarantee to you. In this way, you can be rest assured in purchasing our products.

Heart: all of our services from the heart, and sustainable in good faith

It explains the product properties, features and use ranges in detail in order to let the customers know the products, service and advantages of Lucentron company to the greatest extent.

Intimate: as long as customers want, we try to do

Lucentron company considers more for you as far as possible during the transaction process. With is more, all has been done under the impartial principle.

