

FUJIHD®

- Passenger Elevator
- Observation Elevator
- Freight Elevator
- Car Elevator
- Villa Elevator
- Escalator
- Moving Walk

HENGDA FUJI ELEVATOR CO.,LTD.

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HENGDA FUJI: Leading the Future of Elevator Technology

Pioneers in Quality and Innovation for Over 36 Years

HENGDA FUJI Elevator Co., Ltd., established in 1987, is a well-known elevator and escalator manufacturer in China. With decades of experience, we have earned numerous prestigious awards and certifications, including:

- **Standing Council Unit of China Elevator Association**
- **National Special Equipment Manufacturing License (AA-class)**
- **National Hi-tech Enterprise**
- **Zhejiang Famous Brand Certificate**
- **Patent Demonstration Enterprise in Zhejiang**
- **Zhejiang Provincial Enterprise Technological Center**

With a registered capital of 300 million RMB, we have become one of the largest enterprises in the industry, leading the domestic market in annual sales and production capacity.

Innovating for a Better Tomorrow

At HENGDA FUJI, innovation is at the heart of everything we do. Our dedicated R&D center focuses on new product development and technical innovations, driving the future of the elevator industry. We have successfully secured over 100 invention patents and utility model patents, with dozens more under examination.

One of our key innovations is the development of the "two-way dynamic solar photovoltaic elevator," which has been widely recognized for its contribution to sustainable development and energy efficiency.

World-Class Manufacturing Capabilities

Our advanced manufacturing facility, located in Zhejiang Province, spans nearly 200 acres with a total construction area of 80,000 square meters. As one of the most advanced elevator production facilities in the region, our factory includes:

- **6 fully automated production lines**
- **A 150-meter-high testing tower capable of testing elevators at speeds of up to 10 meters per second**
- **An annual production capacity of 50,000 elevators, 5,000 parking systems, and 20,000 elevator components**

We are committed to adopting Industry 4.0 manufacturing technologies to maintain our competitive edge in both domestic and international markets.

Commitment to Sustainability and Safety

HENGDA FUJI is dedicated to providing elevators that are not only high-performing but also environmentally friendly. Our products feature:

- **Energy-saving LED lighting that automatically turns off when the elevator is idle**
- **Energy regeneration systems that can recover up to 30% of the energy consumed during elevator operation**
- **Real-time monitoring systems that ensure passenger safety and operational reliability at all times**

Our manufacturing processes are designed to reduce environmental impact and enhance energy efficiency, ensuring that we contribute to a greener future.

Partnering for Global Success

HENGDA FUJI is proud to serve clients in over 30 countries, providing tailored elevator solutions for various sectors including residential, commercial, and infrastructure projects. Our commitment to quality and customer satisfaction has earned us a strong reputation in the global market.

We invite you to partner with us and discover how HENGDA FUJI can help you meet your vertical transportation needs with innovative and reliable elevator systems.

Contact us today for more information.

Scan to visit our factory











HENGDA FUJI Elevators: Leading the Way in High-Quality Elevator Manufacturing

HENGDA FUJI Elevators is committed to maintaining the highest manufacturing standards and exceeding industry expectations. By integrating global resources with exceptional quality, the company stands at the forefront of innovation. As we enter a new era, HENGDA FUJI continues to set itself apart, delivering a unique brand of high-end elevators and providing world-class products and services to our valued global customers.



150 meters meet 10 m/s ultra-high speed elevator testing tower, in domestic leading position.

HIGHER, FASTER EXPERIENCE, SAFER FROM THE FUJIHD TECHNOLOGY

A Timeline of Growth and Innovation:

1993



The enterprise restructured into a system of contracted responsibilities, creating a more efficient and scalable business model.

2004



Through successful foreign technology cooperation and the introduction of advanced control technologies, the company became a Sino-foreign joint venture. This marked a significant milestone with the renaming to Zhejiang Hengda Fuji Elevator Co., Ltd.

2009



The company's registered capital increased to 120 million RMB, resulting in another renaming to HENGDA FUJI Elevator Co., Ltd.

1987



The founding of Huzhou Hengda Elevator Factory marked the beginning of a new journey for the "Hengda" brand, establishing a solid foundation for the future.

1998



The company officially changed its name to Zhejiang Hengda Elevator Co., Ltd., reflecting its evolution and growing presence in the industry.

2008



Further restructuring demonstrated the company's drive for innovation and leadership, with a clear goal of reaching the industry's peak.

2010



An investment of 180 million RMB expanded the company's manufacturing capacity, covering a 100,000-square-meter area, including a 30-meter-high test tower and the completion of three new production plants.

Technological Leadership and Growth:

2012



With a complete overhaul in production management and brand enhancement, HENGDA FUJI elevated its position into the ranks of first-class elevator brands worldwide.

2014



HENGDA FUJI emerges as a pioneer in the Internet of Things (IoT) for elevator monitoring, offering real-time tracking 24 hours a day. This breakthrough technology eliminates the previous challenges of monitoring elevator usage, demonstrating a significant leap in industry innovation.

2016



Marking a new milestone, the new HENGFU GROUP factory, covering over 200 acres, was officially completed. This state-of-the-art facility represents a promising future for the company and enhances production capabilities.

2018



HENGDA FUJI was honored with the prestigious New Elephant Award from the local government, further cementing its standing in the industry. Additionally, the company was named Huzhou City Taxpayer, reflecting its strong social contributions and corporate responsibility.

2021



In 2021, HENGDA FUJI was awarded the "Green Supply Chain Management Enterprise", which is another national-level honor for green environmental protection after being awarded the "National Green Factory" in 2018, and its green development strength was recognized again.

2013





The company's registered capital increased to 200,080,000 RMB, with an annual production capacity of 20,000 units. The implementation of modern management systems and operational efficiency continues to drive growth. During this year, HENGFU GROUP was established, overseeing subsidiaries like HENGDA FUJI Elevator Co., Ltd., DAZO Elevator Co., Ltd., and others.

2015



In December, the company was officially promoted to a governing unit of the China Elevator Association. HENGDA FUJI also became the first enterprise to sign local elevator safety liability insurance with coinsurance, ensuring that all future production is backed by PICC's support.

2017



Partnering with Zhejiang University, HENGDA FUJI established a high-performance elevator joint laboratory. The company was also recognized as one of the top ten suppliers in the 2017 National Government Procurement Elevator program.

2019



HENGDA FUJI Elevator actively expands sales and opens up emerging markets, especially in the field of retrofitting old buildings. The strength of scientific research and innovation is further enhanced.

HENGDA FUJI Elevator will continue to develop the responsibility of "making customers satisfied and let employees happy", and will be the dream seeker and leader of the elevator industry at home and abroad.

2022



The company has further advanced in the field of intelligent manufacturing, achieved new breakthroughs in the field of technological transformation, and successfully selected the Zhejiang Provincial digital TOP Workshop in 2022.

FUJIHD®
HENGDA FUJI ELEVATOR CO.,LTD.

Safety: A Core Commitment at FUJIHD

At Hengda Fuji Elevators, the safety of our products and services is our top priority. With millions of users relying on our elevators daily, we are dedicated to ensuring the highest safety standards in every aspect of our operations, from design to maintenance.



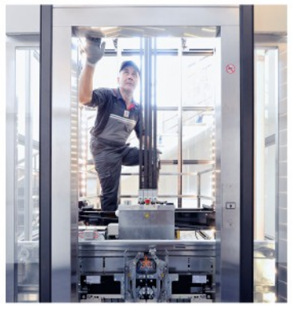
Product and Service Safety

FUJIHD is deeply involved in the development and adherence to codes and standards aimed at improving equipment safety. We ensure the safety of FUJIHD products and services through rigorous attention to our design, manufacturing, installation, and maintenance processes. Our modernization solutions allow elevators, escalators, and automated doors to function efficiently throughout the lifecycle of any building, minimizing disruption and ensuring reliable performance. With targeted upgrades, older equipment can be seamlessly updated to meet the latest safety standards, offering a cost-effective solution.



User Safety

We place a strong emphasis on user safety and collaborate with those who rely on our products for safe, efficient transportation in their everyday lives. One of our key safety initiatives includes organizing annual safety training events to educate users on how to operate elevators and escalators correctly. Additionally, we encourage proper behavior among users. For instance, children should always be supervised when using elevators or escalators, and large items such as baby strollers, heavy luggage, or shopping carts should not be transported on escalators.



Employee Safety

At FUJIHD, we prioritize the safety and well-being of our employees. Every staff member receives comprehensive training in health and safety, ensuring they are fully prepared to perform their duties professionally and safely. To support continuous safety improvements, we have implemented procedures for reporting and investigating incidents. Root causes are identified, and corrective measures are put in place to prevent future occurrences. As a result, our safety performance has steadily improved year after year.



Elevator Object Network Monitoring System

Our cutting-edge elevator networking system addresses current safety concerns by utilizing four key components: data acquisition, data transmission, central processing, and application software. This comprehensive monitoring system collects operational data from elevators, processes it, and uploads it to our Internet-based monitoring platform. Through real-time analysis, the platform allows for efficient supervision and management of elevators, ensuring prompt action in response to any safety issues.



Testing Center

Our state-of-the-art testing center is equipped with 11 specialized units to inspect and assess elevator components, including locks, door machines, motors, speed limiters, photoelectric switches, buttons, traction wire ropes, escalator rollers, handrails, and metal mechanical properties. We also conduct salt spray tests and balance tests to ensure component reliability. To meet evolving demands, we have introduced additional vibration testing equipment, continuously expanding our capabilities. The Testing Center operates under a management philosophy that values scientific rigor, objectivity, fairness, and precision, ensuring that FUJIHD' s quality standards are consistently upheld. Additionally, we offer comprehensive testing services for external clients.

Green energy saving

Automatic LED Energy-Saving Lighting

Our elevators feature energy-efficient LED lighting systems. When the elevator is idle, the lighting automatically powers off and promptly reactivates when the elevator is called. This intelligent lighting system significantly reduces energy consumption and helps conserve electricity.



Sterilization Function

Utilizing advanced environmental protection technology, our elevators are equipped with a powerful sterilization function. PM2.5 dust particles and other pollutants in the air are transformed into molecular clusters through the action of anions, causing them to settle and reducing airborne contaminants. This process effectively reduces bacterial survival rates, providing a cleaner and safer cabin environment. Timed air purification and sterilization systems further enhance the hygiene of the elevator space.



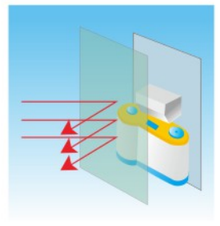
Energy Feedback System

The LHEC energy-regenerating feedback technology allows for the recovery and reuse of up to 30% of the energy consumed during elevator operation. This is particularly beneficial during no-load movements or full-load downward movements, where otherwise wasted electric energy is transformed into usable power. The energy feedback system efficiently converts the recovered energy into a form compatible with the building's electrical grid, enabling its reuse by other power equipment, resulting in significant energy savings.



Electromagnetic Compatibility

HENGDA FUJI's elevator control system fully complies with electromagnetic compatibility (EMC) standards, ensuring minimal electromagnetic pollution and eliminating interference between the elevator's operational signals and other sensitive electrical equipment in the building. This guarantees smooth functionality and preserves the integrity of precision electronics.



FUJIHD the best solution — Residence

Passenger elevator Observation elevator



HENGDA FUJI Elevators has provided 79 sets of intelligent, high-performance elevators for this prestigious project, enhancing the quality of life for residents by ensuring a safe, efficient, and reliable transport solution. The elevator designs are carefully crafted with a focus on harmonizing human comfort and environmental considerations, embodying a commitment to thoughtful design and humanistic care. This attention to detail ensures that the riding experience is as comfortable as it is safe, enhancing the living experience for all residents.

FUJIHD the best solution — Office building

Passenger elevator Observation elevator Freight elevator



- Date of Completion:2012
- Location:Tanzania
- Product: Machine room-less elevator

MZIZIMA TOWER is designed as an iconic luxury residential and commercial development, covering an expansive 4,995 square meters with a total construction area of 51,780 square meters and reaching a height of 102.8 meters. The building's spectacular, contemporary design adds a striking landmark to the city of Dodoma, blending modern aesthetics with classical grandeur.

The architectural style is distinguished by a fusion of prominent European classical luxury, featuring a sophisticated Roman beam and arch system that brings a timeless elegance to the structure. The tower's bold lines and precise detailing highlight its engineering excellence, offering a sense of scale and space that evokes grandeur and memorability. This seamless combination of luxury and modernity makes MZIZIMA TOWER an outstanding addition to the city's skyline, setting new standards for high-end living and commercial spaces.

FUJIHD the best solution — Hotel

Passenger elevator Observation elevator Freight elevator

Car elevator Escalator



The Manor project is a five-star hotel-style apartment complex located near the iconic Kuala Lumpur Twin Towers, offering breathtaking night views and a prime location in the heart of the city. For this prestigious development, FUJIHD has designed a high-speed passenger elevator with a remarkable travel speed of 4 meters per second.

This state-of-the-art elevator features an innovative inner rotor design, which significantly reduces noise and cuts energy consumption by over 40%. The design ensures a safer, faster, and more comfortable ride, providing residents and guests with an enhanced vertical transportation experience in line with the building's luxurious standards.

FUJIHD the best solution — Shopping center

Passenger elevator Observation elevator Freight elevator

Car elevator Escalator Moving walk



The Manor project is a five-star hotel-style apartment located near the renowned Kuala Lumpur Twin Towers, offering residents and guests luxurious night views and a prime city center location. FUJIHD has equipped the building with a high-speed passenger elevator operating at 4 meters per second, ensuring rapid vertical transportation.

The elevator's cutting-edge design features an inner rotor technology, which reduces noise levels and cuts energy consumption by over 40%. This innovative design enhances the safety, speed, and comfort of the elevator experience, perfectly complementing the luxury and convenience that The Manor promises.

FUJIHD the best solution — Hospital

Passenger elevator | Observation elevator | Bed elevator | Escalator



Yubei District People's Hospital in Chongqing is a national second-class hospital with a history spanning over 60 years. It integrates medical treatment, teaching, scientific research, prevention, and healthcare, serving as the technical guidance center for medical services and the emergency medical hub for the entire district.

The hospital employs 400 staff members, including 320 technicians, 5 senior-title professionals, 56 deputy senior-title professionals, 92 mid-level professionals, and 10 master's degree candidates. With 265 authorized beds and 360 operational beds, Yubei District People's Hospital provides outpatient services to over 250,000 patients annually and treats more than 20,000 inpatient cases each year.

FUJIHD the best solution — Infrastructure

Passenger elevator | Observation elevator | Freight elevator

Car elevator | Escalator | Moving walk



Muscat International Airport (formerly Seeb International Airport; IATA: MCT; ICAO: OOMS) is one of the primary airports serving Muscat, Oman. Strategically located 30 km from Old Muscat and 15 km from the main residential districts, the airport acts as a vital hub for numerous international airlines.

Currently, Muscat International Airport is undergoing significant expansion and modernization, with plans to increase its annual passenger capacity from 12 million to 48 million. This development aims to accommodate the growing demand for air travel and elevate the airport's infrastructure to world-class standards. On February 1, 2008, the airport was officially renamed Muscat International Airport, marking a new era in Oman's aviation landscape

Project Achievements

HENGDA FUJI Engineering: Accelerating the Future of Vertical Transportation

At HENGDA FUJI, we are committed to setting the standard in the vertical transportation industry by prioritizing superior quality, strict management, and exceptional after-sales service. Our focus on customer satisfaction and adoption of advanced technologies positions us as a leader in the global market.

With a highly skilled construction team and a dedication to innovative design, HENGDA FUJI Elevator continues to build a reputation for excellence, both domestically and internationally. As demand grows for the modernization of aging lift systems and the development of high-rise commercial and government buildings, HENGDA FUJI remains a trusted and irreplaceable name in the industry.

Looking ahead, HENGDA FUJI will continue to create safe, reliable, and comfortable elevator solutions, driving the future of human transportation with our cutting-edge technologies.

Asia



Kazakhstan- Moskva Business Center



Israel- Pri Megadim 3



Hanoi- Social buildings



Pakistan-muridke shopping center



Egypt-Olympic city



Sakani project-saudi arabia



Mongolia-ERIN Town



DUBAI-jafza South Accommodation Project



Vietnam-QMS TOWER



Karachi-ITC PLAZA



UTTARA Apartment Paroject



Noor Shopping Mall and ResidencyRawalpindi



MASIQ UL MALL , FAISALABAD



BAKHTAWAR AMIN MEDICAL AND DENTAL COLLEGE MULTAN

Project Achievements

Africa



Ethiopia-ESA building



Sudan-Sudan presidential palace



SUDAN-Central Bank of Sudan (Port Sudan)



Altadamon-Altadamon Bank



GAMBIA-Talab Building



UGANDA-Ministry Of Industry Building



Sudan-Office Building



Nairobi-Kenya Panart Hotel



Nairobi university



Tongda Hotel Project



Bank Of Abyssina Project



Nile Insurance Plc Headquarter Project



Golden Jewel Ismailia



Ethiopia Standard Agency Housing Development Project



Noah Real Estate Goro Project



New Cairo Hub Transportation

Project Achievements

Europe



Russia- Lenta supermarket



LCD zolotoy-russia



Ukraine-Nikolsky Mall



ALBANIA-The Bank of ALBANIA

America



Solhe-Bogotá, Colombia



Wind Playa Salguero-Colombia



Centro Comercial Fontanar- Chia, Colombia



Edificio Wind. Playa Salguero-SANTA MARTA



oscar freire building sao paulo- Brazil



Proyect Solhe–Bogota



Panama-colores De Bellavista



Santo Domingo Metro station-Dominica

Passenger Elevator

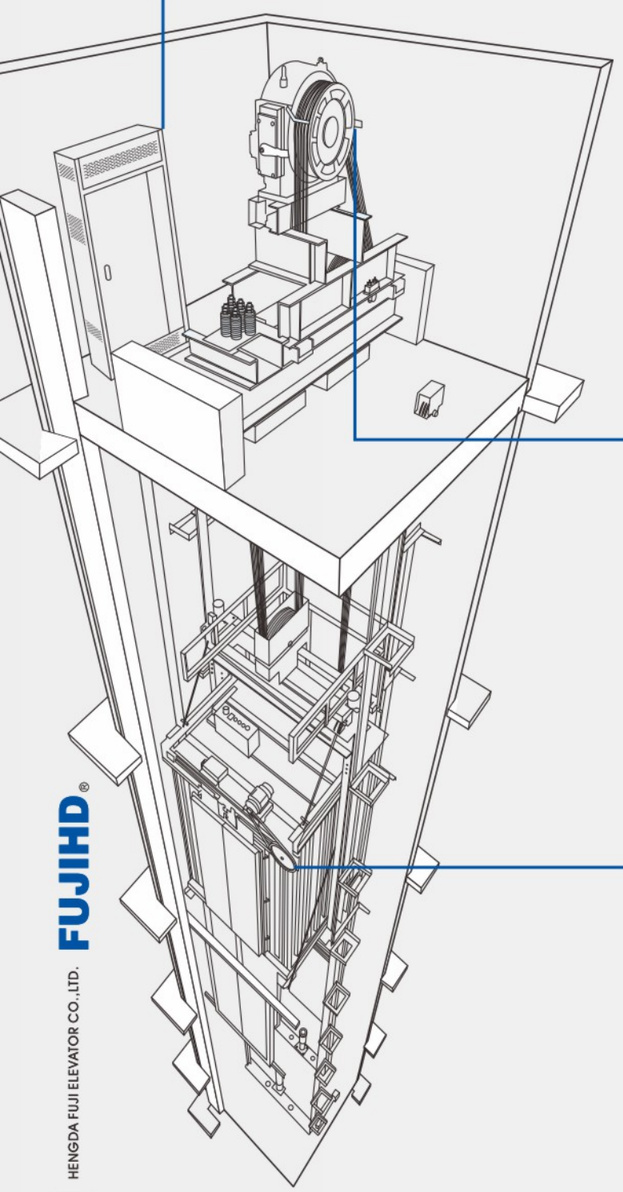
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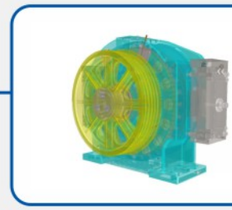
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Intelligent Control System: The Genius of the City

The integral control system embodies the future of elevator technology. This next-generation vector-type system features advanced functionalities such as distance control, direct parking, and closed-loop vector control. With cutting-edge CANBUS communication technology, multi-CPU operation, and programming languages like C and assembly, it seamlessly combines modern industrial control systems with traditional elevator technologies. Compared to conventional control systems, this solution offers superior cost-efficiency and significantly easier maintenance.



Permanent Magnet Synchronous Gearless Traction Machine

Our gearless traction machines leverage rare earth materials and integrate coaxial transmission technology with digital variable frequency control, ensuring optimized performance. The group computer-controlled technology significantly reduces energy consumption, lowering operating costs by over 33%. This machine operates without the need for lubricant renewal, preventing grease pollution, and ensuring quiet, smooth performance with minimal noise. The result is a refined, natural user experience that sets a new standard in elevator operation.



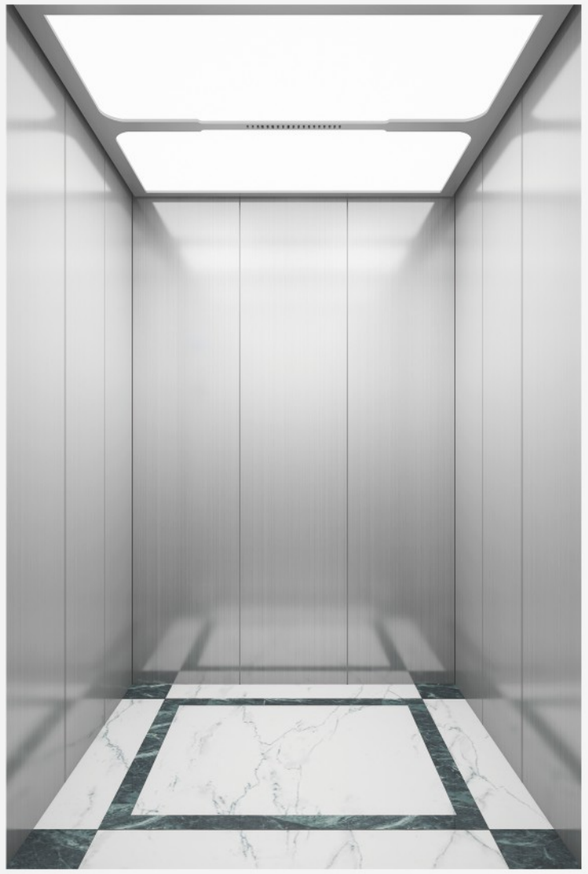
Advanced Door Operator System

HENGDA FUJI elevators are equipped with an advanced VVWF (Variable Voltage and Variable Frequency) control system, guaranteeing smooth and efficient door operation. A self-learning door load detector enhances the precision of door opening and closing by monitoring the load at each floor, automatically adjusting the speed for optimal performance. This system ensures safety and reliability while delivering a seamless user experience.

Passenger Elevator

Standard Car Decoration

The unique hairline stainless steel car made by HENGDA FUJI mixes with a distinctive ceiling creates exciting visual effects and bright contemporary look.



Scan to know more information



HD-XBZ1
No bottom box calling



HD-CBZ1

HD-KT-2104 Standard

Ceiling: Diamond silver sprayed steel plate with acrylic transparent board (HD-DTA01)
Control panel: Integrated control panel (HD-C12)
Car: Hairline stainless steel
Car door: Hairline stainless steel
Floor: PVC (FJ-B01)

Car height 2.4 meters
If there is a need for configuration replacement, please call the company for detailed consultation

Landing door and jamb:

Hairline stainless steel is adopted for the first floor and plastic jet steel plate is adopted for other floors.

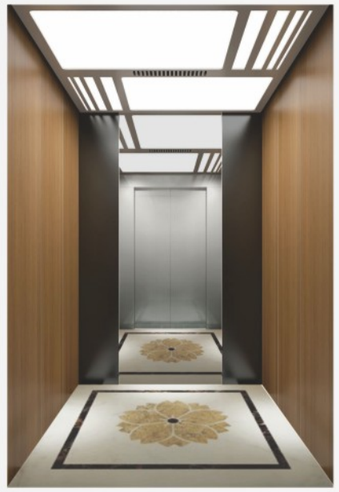
Passenger Elevator Car Decoration
(optional)



Scan to know more information

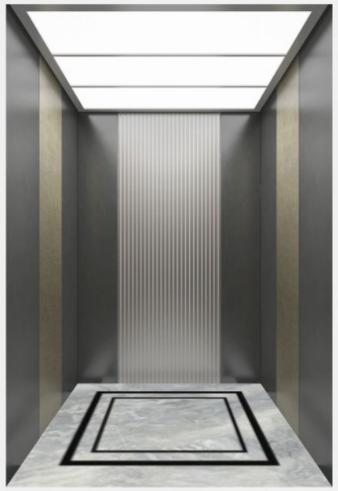
HD-KT-2106

Ceiling: Diamond silver sprayed steel plate with acrylic transparent board (HD-DDB05)
Control panel: Integrated control panel (HD-C12)
Car wall: Stainless steel with hairline on both sides, mirror-etched stainless steel in the middle of the back wall
Car door: Hairline stainless steel
Floor: PVC (FJ-B01)



HD-KT-2107

Ceiling: Diamond silver spray coated steel plate with acrylic light transmission plate (HD-DTA21)
Rear wall: Mirror finish stainless steel gray style steel plate
Side wall: Wood grain colored makeup steel plate
Front wall: Hairline finish stainless steel
Cabinet door: Hairline finish stainless steel
Floor: PVC (FJ-B57) - Standard configuration
Marble / floor tiles - Optional



HD-KT-2108

Ceiling: Diamond silver spray coated steel plate with acrylic light transmission plate (HD-DTA11)
Rear wall: Mirror polished etched stainless, modern grey pattern steel plate
Side wall: Modern grey pattern steel plate, light beige pattern steel plate
Front wall: Mirror stainless steel
Cab door: Mirror stainless
Floor: PVC (FJ-B38) - Standard
Marble / Tile - Optional



HD-C52Z09

Ceiling: Positive white fantasy gold metal panel, LED strip light, downlight (HD-DTA91)
Side wall: Front side wall mirror steel, rear side wall champagne gold sand fantasy gold metal panel
Rear wall: Middle mirror stainless steel, both sides champagne gold sand fantasy, gold metal panel
Front wall: Mirror steel
Car door/lobby door: Mirror stainless steel
Floor: PVC (FJ-B62) - standard configuration
Marble - Optional

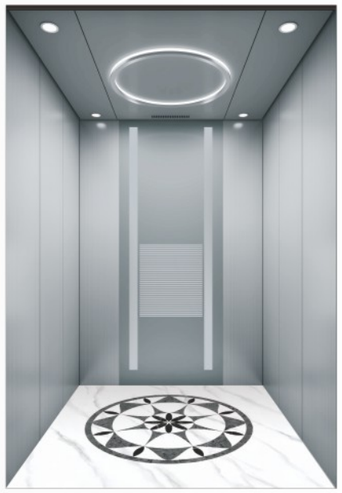
Passenger Elevator Car Decoration
(optional)



Scan to know more information

HD-JX12-4

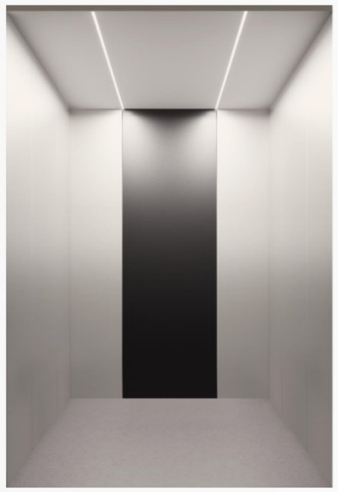
Ceiling: Diamond silver spray coated steel plate with acrylic light transmission plate (HD-DTA23)
Control panel: Integrated control panel (HD-12)
Car wall: Stainless steel with hairline pattern on both sides, mirror-etched stainless steel in the middle of the rear wall
Car door: line stainless steel
Floor: PVC (FJ-B01)



Scan to know more information

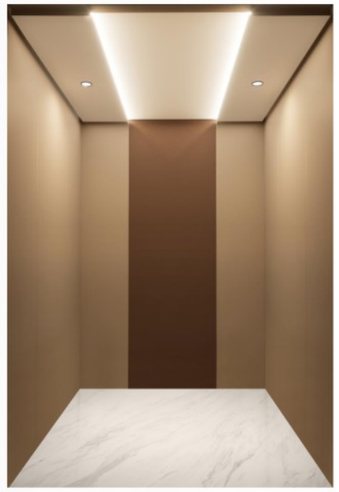
HD-JX12-11

Ceiling: hairline stainless steel decorative ceiling, downlight, side-emitting ring light (HD-DTA52)
Control panel: integrated panel (HD-C12)
Car wall: hairline stainless steel on both sides, mirror-finished etched stainless steel in the middle of the rear wall
Car door: hairline stainless steel
Floor: PVC (FJ-B54)



HD-C52Z12

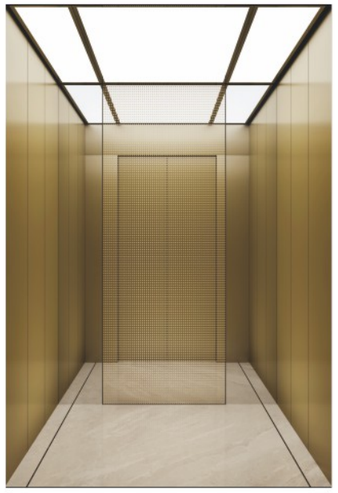
Ceiling: White color pattern coated steel plate, white linear lamp (HD-Z08D)
Side wall: Moonlight white color changing metal
panelRear wall: Middle pearl ink color changing metal panel, both sides moonlight white color changing metal panel
Front wall: Mirror surface stainless steel
Car door/lobby: Mirror surface stainless steel
Floor: PVC (FJ-B64) - Standard configuration
Marble - Optional



HD-C52Z13

Ceiling: light yellow fabric texture fantasy gold metal panel, LED strip, downlight (HD-DTA93)
Side wall: light yellow fabric fantasy gold metal panel
Rear wall: middle tea color fantasy gold metal panel, both sides light yellow fabric texture fantasy gold, metal panel
Front wall: mirror surface steel
Cabinet door/hall door: mirror surface stainless steel
Floor: PVC (FJ-B36) - standard configuration
Marble - Optional

Passenger Elevator Car Decoration
(optional)



Scan to know more information

HD-21Z05

Ceiling: Champagne gold frame with translucent panel (HD-DTA40)
Control panel: Integrated control panel (HD-C12)
Car wall: Center panel of the rear wall champagne gold mirror-finished etched stainless steel, auxiliary panel champagne gold mirror-finished stainless steel
Side wall: champagne mirror-finished stainless steel
Car door: Champagne gold mirror-finished stainless steel
Floor: PVC (FJ-B39)



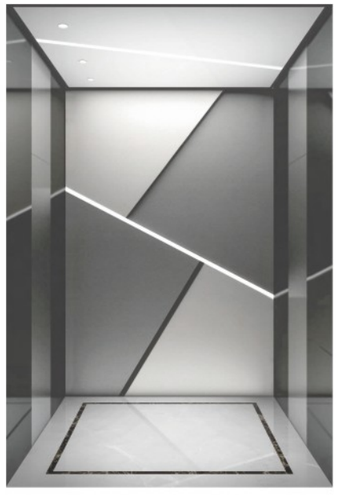
HD-21Z07

Ceiling: Champagne gold mirror finish stainless steel, acrylic light transmission plate (HD-DTA42)
Rear wall: Champagne sandblasted, Center mirror etched
Side wall: Champagne gold sandblasted center with marble pattern cosmetic plate
Front wall: Champagne gold mirror finish stainless steelCabinet
door: Champagne gold mirror finish stainless steel
Floor: PVC (FJ-B39) - Standard
Marble/Tile -- optional



HD-21Z08

Ceiling: Antique brass sandblasted stainless steel frame, hidden LED strip light,LED linear light (HD-DTA43)
Back wall: Antique brass mirror stainless steel, LED linear light, Antique brass sandblasted stainless steel
Side wall: Antique brass sandblasted stainless
Front wall: Antique brass mirror stainless steel
Car door: Antique brass mirror stainless steel
Floor: PVC (FJ-B39) - Standard
Marble/Tile - Optional



HD-21Z14

Ceiling: Bright white decor ceiling, spotlights, linear lights (HD-DTA48)
Rear wall: Irregular leather grain hard packaging linear lights, aluminum profile decoration strip
Side wall: Two sides of black titanium mirror surface stainless steel, mirror surface stainless steel in the middle
Front wall: Mirror surface stainless steelCab door: Mirror surface stainless steel
Floor: PVC (FJ-B44) - Standard configuration
Marble / floor tiles -Optional

Passenger Elevator Car Decoration
(optional)



HD-21Z15

Ceiling: Steel plate baked paint, embedded linear box light (HD-DTA49)
Rear wall: Mirror stainless steel, grey vertical stri art board
Side wall: Mirror stainless steel, grey vertical striped art board
Front wall: Mirror stainless steel
Car door: Mirror stainless steel
Floor: PVC (J-B44) - Standard
Marble / Tile - Optional



Scan to know more information

HD-21Z20

Ceiling: Acrylic light transmissive plate, simple lamp, mirror surface stainless steel (HD-DTA54)
Control panel: integrated control panel (HD-C12)
Car wall: black titanium mirror surface etched stainless steel at the center of the rear wall, auxiliary hairline stainless steel; black titanium mirror surfaceched plate at the center of the side wall, auxiliary hairline stainless steel
Car door: hairline stainless steel
Floor: PVC (FJ-B44)



HD-23Z02

Ceiling: Black metal edge, LED front light source(HD-Z02D)
Back wall: Light ivory leather grain steel, black titanium mirror waist line,Black titanium mirror decoration frame
Side wall: Light ivory leather grain steel plate, black titanium mirror waist line, titanium mirror decoration frame
Front wall: Light ivory leather grain steel plate
Cab door: Light ivory leather grain steel plate
Floor: PVC (HD-Z02P) - Standard
Marble/floor tiles - Optional



HD-23Z03

Ceiling: Black titanium hair pattern stainless steel, white linear LED downlight (HD-Z03D)
Rear wall: Black titanium mirror finish steel
Side wall: Black titanium hair pattern stainless steel, white linear LED light
Front wall: Black titanium hair pattern stainless steel
Cab door: Black titanium hair pattern stainless
Floor: PVC (HD-Z03P) - Standard
Marble/Tile - Optional

Passenger Elevator Car Decoration
(optional)



HD-23Z04

Ceiling: Aluminum alloy edge band, linear LED lights around; hairline brushed stainless steel, LED downlight (HD-Z04D)
Rear wall: Light-colored wood grain steel plate in the middle wall, auxiliary wall mirror stainless steel
Side wall: Light-colored wood grain steel plate mirror stainless steel
Front wall: Mirror stainless steel
Car door: Mirror stainless steel
Floor: PVC (HD-Z04P) - standard configuration
ble/tile - optional



HD-23Z12

Ceiling: Black titanium mirror surface, hidden LED strip, LED spotlights (HD-Z12D)
Rear wall: black titanium brushed arc process, art glass, hidden LED strip
Side wall: middle wall yellow pebbled steel plate, auxiliary wall black titanium brushed stainless steel, top stainless steel decorative strip
Front: black titanium brushed stainless steel
Cabinet door: black titanium brushed stainless steel
Floor: PVC (HD-Z12P) - standard configuration
Mar/tile - optional



HD-23Z14

Ceiling: Natural hairline stainless steel, LED recessed light, Black titanium hairline decorative frame, white acrylic translucent panel (HD-Z14D)
Back wall: Mirror surface stainless steel in the middle wall, auxiliary wall wood grain film steel plate
Side wall: Mirror surface stainless steel in middle wall, auxiliary wall wood grain film steel plate
Front wall: Wood grain film steel plate
Car door: Wood grain film steel plate
Floor: PVC (HD-Z14P) - standard configuration
Marble / floor tiles - optional



HD-23Z17

Ceiling: Black titanium stainless steel edge, milky white acrylic UV printed translucent plate (HD-Z17D)
Back wall: Middle wall natural color art sandblasted stainless steel, black titanium hairline stainless steel decorative frame, auxiliary wall black titanium hairline stainless steel, hidden LED strip
Side wall: Middle wall modeling wood veneer, auxiliary wall black titanium hairline stainless steel
Front wall: Black titanium hairline stainless steel
Cabinet door: Black hairline stainless steel
Floor: PVC (HD-Z17P) - Standard
Marble/Tile - Optional

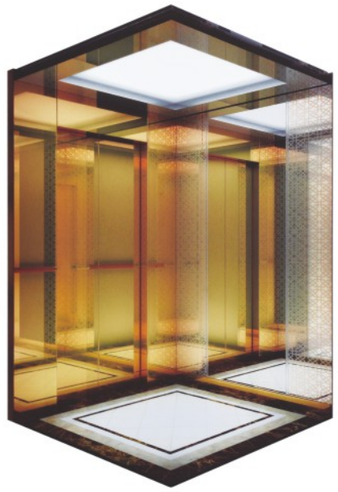
Passenger Elevator Car Decoration
(optional)



Scan to know more information

HD-BT-2314

Ceiling: Black titanium hairline stainless steel, cloth surface (HD-DTA82)
Side wall: Black titanium hairline stainless steel, cloth texture surface, hidden lighting skirting
Back wall: Black titanium hairline stainless steel, cloth texture surface, hidden lighting skirting
Recommended front wall: Black titanium hairline stainless steel
Floor: PVC (FJ-B44)



FJ-JXA02

Ceiling: Titanium gold stainless steel hairline
Car wall: Mirror stainless steel etched with antique copper color, glass mirror
Handrail: Stainless steel round tube, wood handrail
Floor: Standard PVC(FJ-B13) - Optional



FJ-JXA11

Ceiling: Black titanium mirror stainless steel frame, down lamp, top panel LED discolor lighting
Car wall: Stainless steel hairline, black titanium mirror
Handrail: Stainless steel round tube
Floor: Standard PVC(optional marble)

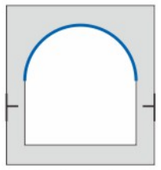


FJ-JXA12

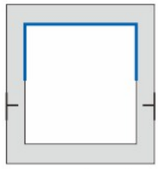
Ceiling: Acrylic lighting decoration, stainless steol mirror
Car wall: Stainless steel hairline, stainless steel mirror
Handrail: Stainless steel hairline
Floor: Standard PVC(optional marble)

Observation Elevator

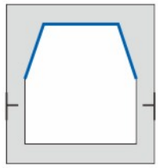
Not only sightseeing elevator glass steel structure perfect development compact space and whole artistic.Also may act according to the different construction to design, the convenience is quick, all uses the circular generally, the semicircle and the square shape.



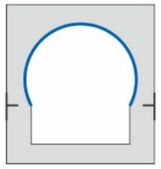
semi-circular shaped



square shaped



cutting-angle-type



panoramic





FJ-GA01

Upper and lower cover: Mirror stainless steel
Sightseeing wall: 6+6 safety laminated glass
Decorative top: Mirror stainless steel, acrylic top plate
Car wall: Mirror stainless steel
Car door: Framed glass door
Handrail: Stainless steel single tube
Floor: PVC (FJ-B01)

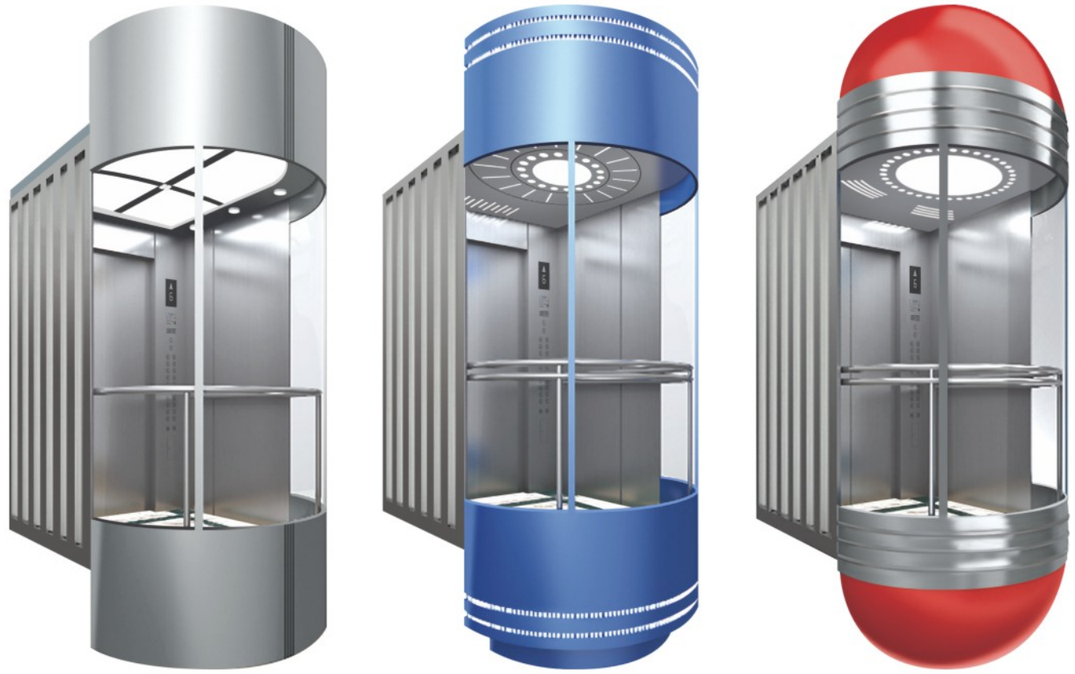
Scan QR code watch the car

FJ-GA06

Upper and lower cover: Steel plate paint, acrylic decorative strip
Sightseeing wall: Safety laminated glass
Decorative top: Mirror stainless steel, acrylic vault,
Car wall: Hairline stainless steel
Car door: Hairline stainless steel
Handrail: Stainless steel single tube
Floor: PVC (FJ-B23)

Scan QR code watch the car

Observation Elevator Car Decoration
(optional)



HD-GA01

Upper and lower cover: Steel plate paint
Sightseeing wall: 180° round safety laminated glass
Decorative top: Steel lacquered frame, acrylic arch roof
Car wall: Hairline stainless steel
Car door: Hairline stainless steel
Handrail: Stainless steel single tube
Floor: PVC (FJ-B01)

Scan QR code watch the car

HD-GA02

Upper and lower cover: Steel plate paint
Sightseeing wall: 180° round safety laminated glass
Decorative top: Steel lacquered frame, acrylic arch top plate, acrylic strip lighting
Car Wall: Hairline Stainless Steel
Car door: Hairline stainless steel
Handrail: Stainless steel double tube
Floor: PVC (FJ-B01)

Scan QR code watch the car

HD-GA03

Upper and lower cover: Mirror stainless steel rib sill, bright red color acrylic decorative cover
Sightseeing wall: 180° round safety laminated glass
Decorative top: Steel plate lacquered top plate frame, middle cream white acrylic lighting
Car Wall: Hairline Stainless Steel
Car door: Hairline stainless steel
Handrail: Stainless steel double tube
Floor: PVC (FJ-B01)

Scan QR code watch the car





Freight Elevator

The HENGDA FUJI series freight elevator incorporates advanced permanent magnet synchronous gearless traction technology and features an innovative machine-room-less design. The traction machine is lightweight and compact, optimizing architectural space while significantly enhancing performance and energy efficiency. This design reduces both energy consumption and failure rates, ensuring reliable, long-term operation.

The HENGDA FUJI MRL (Machine Room-Less) freight elevator requires less shaft height, which lowers the design requirements for factories and other industrial buildings. This makes it the ideal solution for transporting goods in environments such as factories, warehouses, department stores, property centers, and libraries.

Car Elevator

As economic development continues, personal vehicles are becoming an integral part of everyday life. The HENGDA FUJI series of car elevators leverages years of expertise in elevator technology, offering advanced solutions in both machine room and machine-room-less configurations.

HENGDA FUJI machine room car elevators employ state-of-the-art VVVF (Variable Voltage Variable Frequency) technology, which is specifically tailored for car transportation and elevator systems. This ensures millimeter-accurate floor leveling, providing a smooth, quiet ride while reducing energy consumption by over 30%.

The machine-room-less car elevators feature a space-efficient design, offering flexible solutions for designers in specialized settings. With an intelligent microcomputer control system and high-strength structure, these elevators are designed to handle uneven traction loads while minimizing noise and vibrations, ensuring optimal safety and performance.

HENGDA FUJI car elevators are commonly used in parking garages, underground facilities, and other areas requiring efficient vehicle transportation.

Freight Elevator Car Decoration



HD-H01

Standard

Ceiling	Painted steel
Car wall	Painted steel
Car door	Painted steel
Lighting	LED lamp
Open door type	Side opening
Floor	Checked steel plate

Freight Elevator Decoration

Control operation panel and hall buttons

Simple and elegant buttons handling facility, matching the diversified and personalized cabin to a greater extent.



HD-H01C



HD-H01X

Hall door Series



Double-folded center opening type





3-folded center opening type



Floor optional



HD-HDB01

Checked steel plate

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

Integrated control box

FHSP50
HENGYUN series lift (Standard)

Split operating panel

FHSP50
HENGYUN series lift (Optional)



HD-C12

Blue liquid crystal
(optional)





FJ-X20A
No bottom box calling
Anti-fingerprint stainless steel



HD-XBZ5A
No bottom box calling



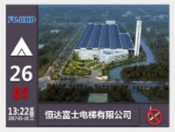
HD-CBZ5A

Integrated control box

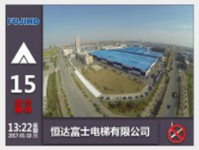
FHSP30
Multimedia display of COP（Optional）



FFA-YD360-7D



FFA-YD360-8D



FFA-YD360-104D

Suspension operation
panel for disabled



HD-C04

Passenger Elevator
Operation Panel Series (optional)



FJ-C01



FJ-X01A
No bottom box calling (simplex)



FJ-X02A
Hall call box (simplex)



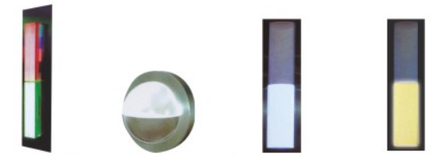
FJ-X02B
Hall call box (duplex)



FJ-C02

● Front wall integrated operation panel(optional)/ fault code display,optional dot matrix

» Direction lantern



FJ-DL01 FJ-DL02 FJ-DL03 FJ-DL04

» Hall indicator



FJ-LCDA

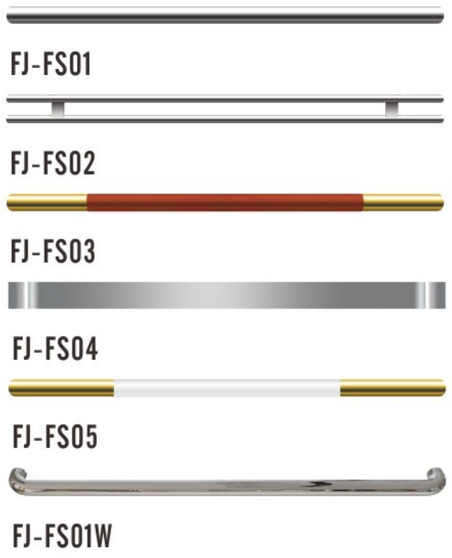
» Hall call box
(no indicator)



FJ-LCDB

Decoration configuration

» Handrail optional



FJ-FS01
FJ-FS02
FJ-FS03
FJ-FS04
FJ-FS05
FJ-FS01W

Passenger Elevator
Operation Panel Series (optional)

» Optional C.O.P LCD



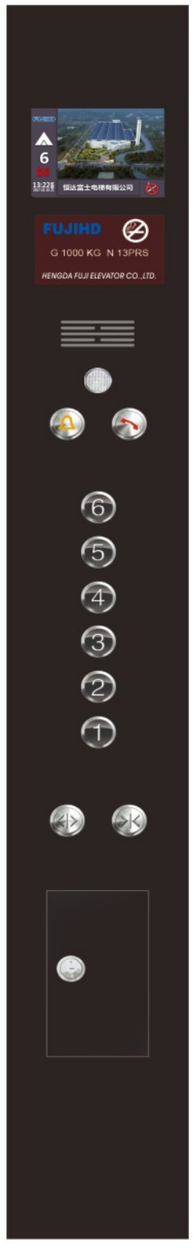
FJ-C03



FJ-X03A



FJ-X03B



FJ-C06

Hall call box(simplex)



FJ-X06A

Hall call box(duplex)



FJ-X06B

- Material:Titanium gold stainless steel mirror
- Material: Blak Titanium-gold

Passenger Elevator Landing Door Series (optional)



HD–M01
Mirror, etched, Stainless steel



HD–M02
Mirror, etched, Stainless steel, Golden recess



HD–M03
Mirror, etched



HD–M04
Mirror, etched, Spraying

Passenger Elevator Car Decoration (optional)
Hall door decoration series



HD–TM–2106
Champagne gold mirror etching
(Optional)



HD–TM–2107
Champagne gold mirror etching
(Optional)



HD–TM–2108
Engraved bronze mirror surface
(Optional)



HD–TM–2109
mirror etching
(Optional)



HD–TM–2110
Champagne gold mirror etching
(Optional)



HD–TM–2111
Rose gold hair texture etching
(Optional)



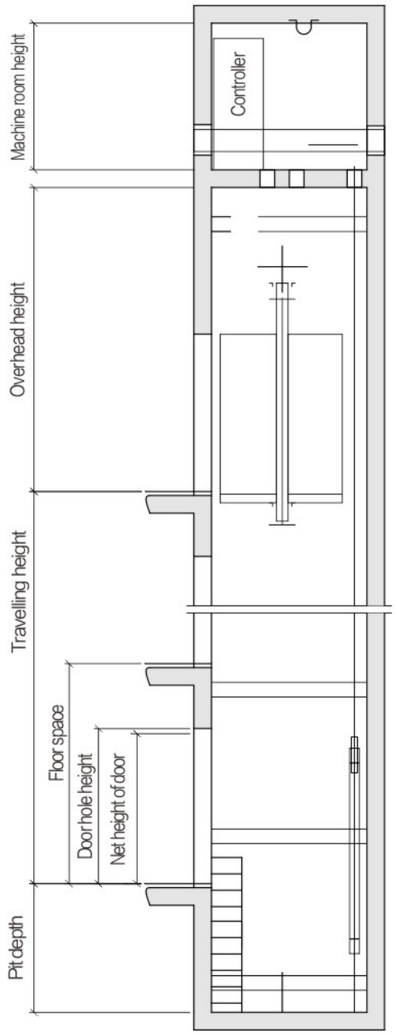
HD–TM–2112
Engraved bronze mirror surface
(Optional)



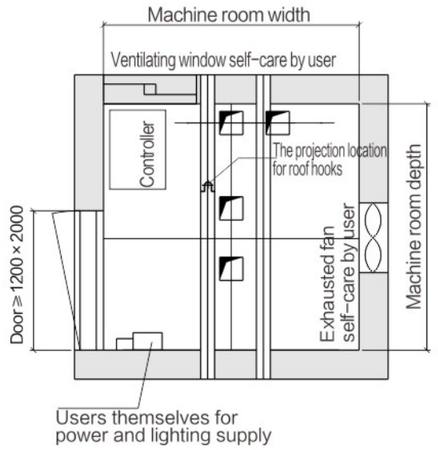
HD–TM–2113
Champagne gold mirror etching
(Optional)

Small Machine Room Elevator
Construction Layout Drawing

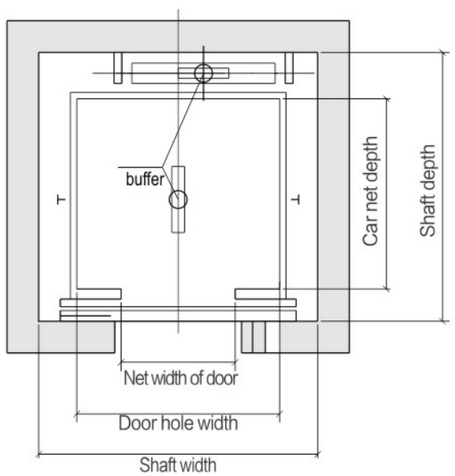
Shaft elevation



Machine room layout drawing



Shaft layout drawing



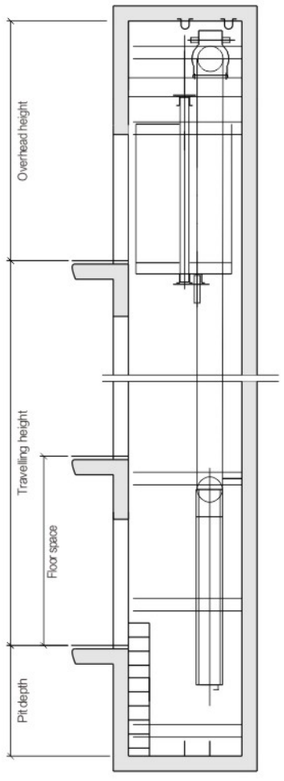
Small machine room passenger specifications

Persons	Rated capacity (kg)	Rated speed (m/s)	Net size of car (mm)	Net size of door D.W x D.H (mm)	Shaft size (mm)			Machine room size (mm)	
			C.W x C.D x D.H	2P Central opening	H.W x H.D	HR.H	PIT	MR.W x MR.D	MR.H
6	450	1.0	1400x850x2300	800x2100	2000x1800	4000	1500	2000x1800	2500
		1.5/1.75				4400			
8	630	1.0	1400x1100x2300	800x2100	2000x2050	4200	1500	2000x2050	2500
		1.5/1.75				4400	1600		
10	800	1.0	1400x1350x2300	800x2100	2000x2300	4200	1500	2000x2300	2500
		1.5/1.75				4400	1600		
		2.0				4800	1800		
		2.5					2000		
13	1000 (1050)	1.0	1600x1450x2300 1100x2300x2300 (Residence / stretcher elevator)	900x2100	2200x2400 2050x2850 (Residence / stretcher elevator)	4200	1500	2200x2400 2050x2850 (Residence / stretcher elevator)	2500
		1.5/1.75				4400	1600		
		2.0				4800	1800		
		2.5					2000		
		3.0				5200	2600		
		3.5				5500	3100		
		4.0				6000	3850		
16	1250	1.0	1900x1450x2300	1100x2100	2500x2400	4200	1500	2500x2400	2500
		1.5/1.75				4400	1600		
		2.0				4800	1800		
		2.5					2000		
		3.0				5200	2600		
		3.5				5500	3100		
		4.0				6000	3850		
18	1350	1.0	1900x1550x2300	1100x2100	2500x2500	4200	1500	2500x2500	2500
		1.5/1.75				4500	1600		
		2.0				4800	1800		
		2.5					2000		
		3.0				5200	2600		
		3.5				5500	3100		
		4.0				6000	3850		
21	1600	1.0	1900x1800x2300	1100x2100	2500x2800	4200	1500	2500x2800	2500
		1.5/1.75				4500	1600		
		2.0				4800	1800		
		2.5					2000		
		3.0				5200	2600		
		3.5				5500	3100		
		4.0				6000	4000		
		6.0	1900x1800x2300	1100x2100	2700x2900	6350	5000	4200x2900	2500
		10.0	1900x1800x2800		2800x3000	8800	7200	4300x3000	3800
26	2000	1.0	1900x2200x2300	1100x2100	2700x2800	4500	1500	2700x2800	2500
		1.5/1.75				4700	1600		
		2.0				5000	1800		
		4.0	1900x2200x2800	1100x2100	3200x3000	6000	3850	4700x3300	3800
		6.0				6400	4000		
		8.0				7500	6000		
		10.0				8800	7200		

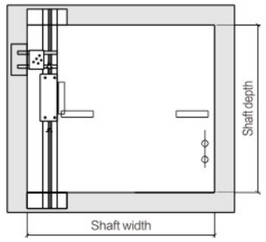
Note:Only for reference,final manufacture please follow contract.

Machine Roomless Passenger Elevator Construction Layout Drawing

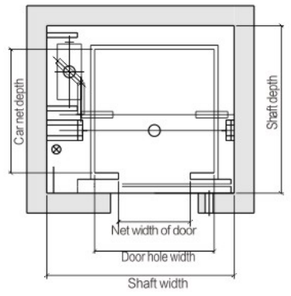
Shaft elevation



Overhead floor layout drawing



Shaft layout drawing



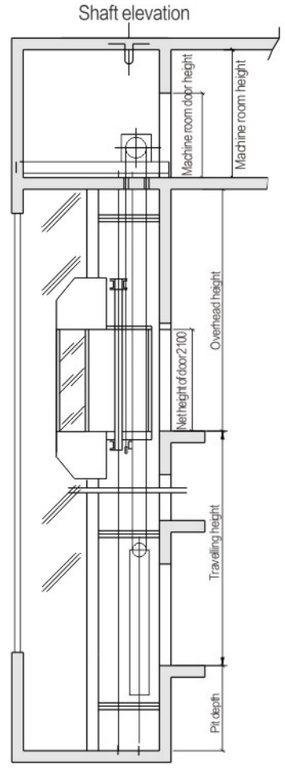
Machine roomless passenger specifications

Persons	Rated capacity (kg)	Rated speed (m/s)	Net size of car (mm)	Net size of door D.W x D.H (mm)	Shaft size (mm)		
			C.W x C.D x D.H	2P Central opening	H.W x H.D	HR.H	PIT
6	450	1.0	1100x1100x2300	800x2100	2050x1850	4200	1500
8	630	1.0	1400x1100x2300	800x2100	2250x1900	4200	1500
		1.5/1.75				4400	1600
10	800	1.0	1400x1350x2300	800x2100	2250x1950	4200	1500
		1.5/1.75				4400	1600
		2.0				4800	1800
		2.5					2000
13	1000	1.0	1500x1550x2300	900x2100	2350x2150	4200	1500
		1.5/1.75				4400	1600
		2.0				4800	1800
		2.5				4800	2000
21	1600	1.0	1900x1800x2300	1100x2100	2850x2400	4500	1500
		1.5/1.75				4700	1600
		2.0				4900	1800
		2.5				5100	2000
26	2000	1.0	1900x2200x2300	1100x2100	2900x2600	4500	1500
		1.5/1.75				4700	1600
		2.0				4900	1800

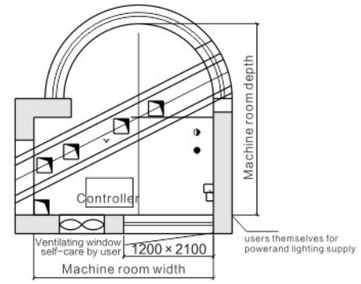
Note:Only for reference,final manufacture please follow contract.

Semicircle Observation Elevator Construction Layout Drawing

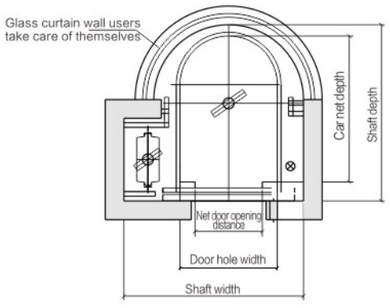
Shaft elevation



Overhead floor layout drawing



Shaft layout drawing



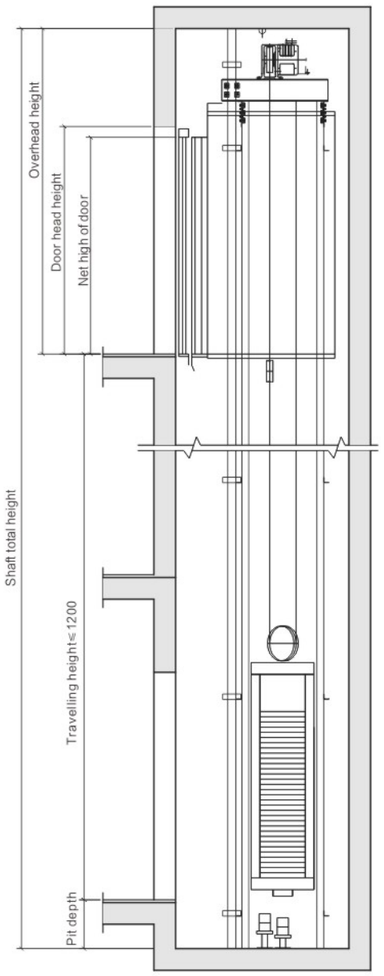
Semicircle machine room / Machine roomless elevator specifications

Persons	Rated capacity (kg)	Rated speed (m/s)	Net size of car (mm)	Net size of door (mm)	Shaft size (mm)			Machine room size (mm)	
			C.W x C.Dx D.H	2P Central opening	H.W x H.D	HR.H	PIT	MR.W x MR.D	MR.H
8	630	1.0	1100x1600x2300	700x2100	2200x2185	4500	1500	2200x2185	2500
		1.5/1.75				4700	1600		
10	800	1.0	1200x1800x2300	800x2100	2300x2355	4500	1500	2300x2355	2500
		1.5/1.75				4700	1600		
		2.0				4900	1800		
		2.5				5100	2000		
13	1000	1.0	1300x1950x2300	900x2100	2400x2535	4500	1500	2400x2535	2500
		1.5/1.75				4700	1600		
		2.0				4900	1800		
		2.5				5100	2000		
16	1250	1.0	1400x2150x2300	900x2100	2500x2600	4500	1500	2500x2600	2500
		1.5/1.75				4700	1600		
		2.0				4900	1800		
		2.5				5100	2000		
18	1350	1.0	1500x2150x2300	1000x2100	2600x2600	4500	1500	2600x2600	2500
		1.5/1.75				4700	1600		
		2.0				4900	1800		
		2.5				5100	2000		
21	1600	1.0	1500x2450x2300	1000x2100	2600x2900	4500	1500	2600x2900	2500
		1.5/1.75				4700	1600		
		2.0				4900	1800		
		2.5				5100	2000		
		3.0				5200	2600		
		4.0				6000	3850		
26	2000	1.0	1700x2600x2300	1100x2100	2800x3050	4500	1500	2800x3050	2500
		1.5/1.75				4700	1600		
		2.0				4900	1800		
		3.0				5200	2600		
		4.0				6000	3850		

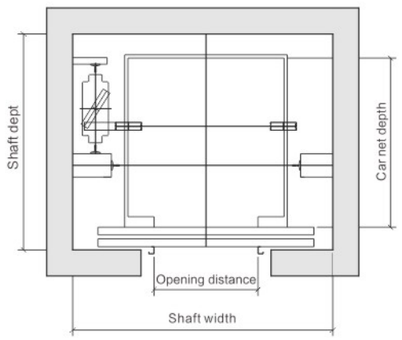
Note:Only for reference,final manufacture please follow contract.

Villa Elevator
Construction Layout Drawing

Shaft elevation



Shaft layout drawing



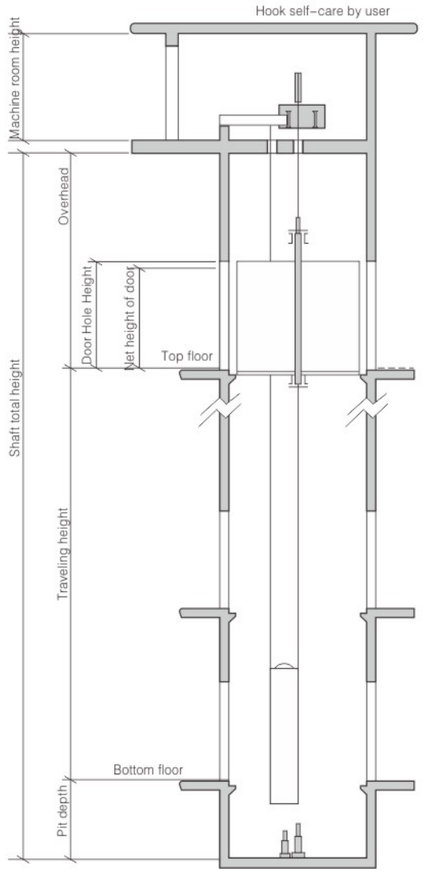
Villa elevator specifications

Persons	Rated capacity (kg)	Rated speed (m/s)	Net size of car (mm)	Net size of door D.W x D.H (mm)	Shaft size (mm)		
			C.W x C.D x D.H	2P Central opening	H.W x H.D	HR.H	PIT
3	260	0.4	800x1150x2200	700x2000 Side door	1400x1500	3500	800
4	320	0.4	950x1300x2200	700x2000	1600x1600	3500	800
5	400	0.4	1200x1300x2200	800x2000	1850x1600	3500	800

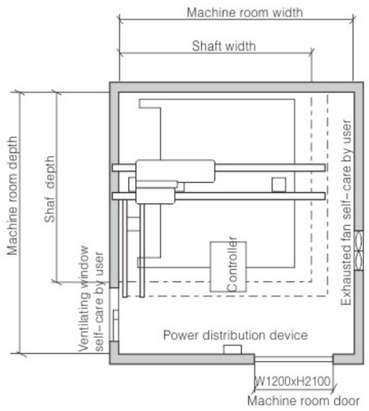
Note:Only for reference,final manufacture please follow contract.

Freight Elevator
Construction Layout Drawing

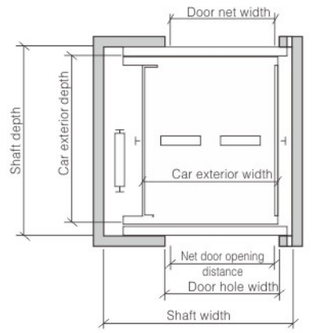
Shaft elevator



Machine room layout drawing



Shaft layout drawing



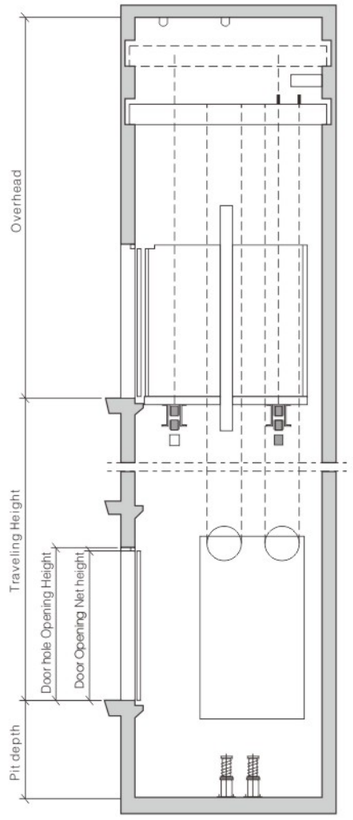
Freight elevator specifications

Load (kg)	Speed (m/s)	Exterior size of car width x depth x height (mm)	Net door opening width x height (mm)	Shaft Net Size			Machine Room Net Size		Door Open type
				width x depth (mm)	Overhead height	Pit depth	width x depth (mm)	height (mm)	
630	0.5	1200x1500x2200	1100x2100	2100x1860	4200	1500	2500x3000	2200	Two panel side opening
1000	0.5	1500x1800x2200	1200x2100	2250x2160	4200	1500	3000x3000	2200	Two panel side opening
2000	0.5	1570x2900x2200	1500x2100	2700x3260	4200	1500	3500x3000	2500	Two panel side opening
	1.0				4500	1500			
	1.5	2000x2300x2200		2850x2660	4500	1600			Four panel center opening
	2.0				4800	1800			
3000	0.25	2070x3050x2200	1800x2100	3300x3410	4500	1500	3800x4200	2500	Four panel center opening
	0.5								
3200	1.0	2070x3100x2200	1800x2100	3300x3460	4500	1500	3800x4200	2500	Four panel center opening
5000	0.25	2800x3400x2500	2000x2200	4200x3800	5000	1600	4200x3800	2800	Four panel center opening
	0.5								
7000	0.25	3000x4200x2500	2600x2400	4500x4600	5000	1600	4500x4600	2800	Four panel center opening
	0.5								
10000	0.25	3070x5760x2500	2600x2400	4900x6200	5000	1600	4900x6200	2800	Four panel center opening

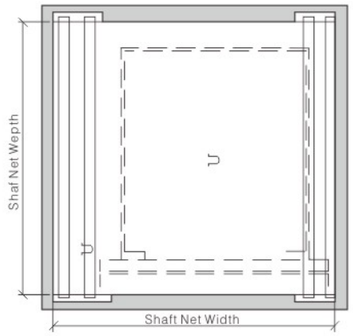
Note: Only for reference, final manufacture please follow contract.

Machine Roomless (MRL) Freight Elevator Construction Layout Drawing

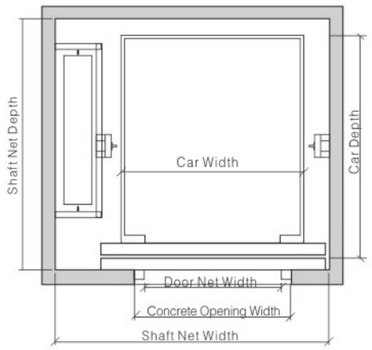
Shaft elevator



Machine room layout drawing



Shaft layout drawing



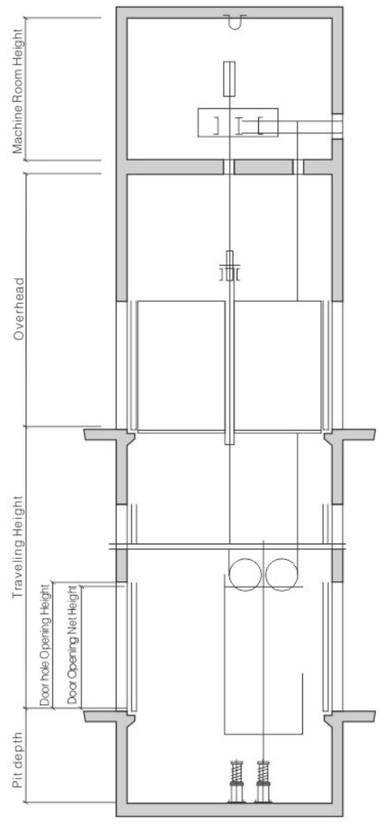
Machine roomless(MRL) freight elevator specifications

Load (kg)	Speed (m/s)	Exterior size of car width x depth x height (mm)	Net door opening width x height (mm)	Shaft Net Size			Door Open type
				width x depth (mm)	Overhead height	Pit depth	
1000	0.5	1500x1800x2200	1200x2100	2250x2200	4500	1500	Two panel side opening
	1.0				4500	1500	
	1.5				4600	1600	
	2.0				4800	1800	
2000	0.5	2000x2300x2200	1500x2100	3150x2660	4800	1500	Two panel side opening
	1.0				5000	1500	
	1.5				5200	1600	
	2.0				5200	1800	
3000	0.5	2470x2560x2200	1800x2100	3700x3000	5000	1600	Four panel center opening
5000	0.5	2800x3400x2500	2400x2400	4250x3800	6100	1600	Four panel center opening

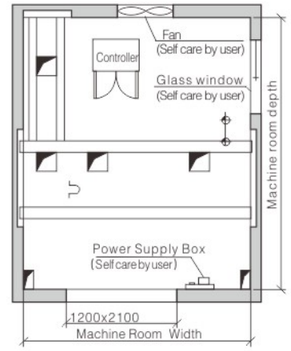
Note:Only for reference, final manufacture please follow contract.

Car Elevator Construction Layout Drawing

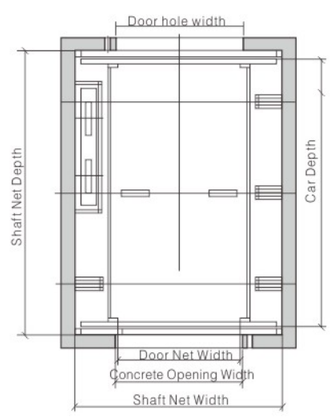
Shaft elevator



Machine room layout drawing



Shaft layout drawing



Car elevator specifications

Load (kg)	Speed (m/s)	Door open type	Net door opening width x height (mm)	Exterior size of car width x depth (mm)	Shaft Net Size (mm)			Machine Room Net Size (mm)
					width x depth	Pit depth	Overhead height	width x depth x height
3000	0.25/0.5	Four Panel Center Opening	2400 x 2200	2700 x 5800	4100 x 6160	1600	4800	4100 x 6160 x 2500
5000	0.25	Four Panel Center Opening	2600 x 2200	3500 x 7200	4750 x 7560			4750 x 7560 x 2500
	0.5							

Note:Only for reference, final manufacture please follow contract.

Aspirations for the Future

The exterior design incorporates modern aesthetic principles with various handrails and wall panels, creating a dynamic and streamlined structure that infuses vibrancy into the city's architectural rhythm. This design enhances the visual appeal of public spaces such as shopping malls, supermarkets, and overpasses.

Luxury temperament | Efficient and safe beauty | The beauty of precision structure | The beauty of technology sensing

◎ Luxury Temperament

Reinforced glass siding elevates the aesthetic, providing a luxurious and sophisticated finish.

◎ The Beauty of Precision Structure

Constructed with high-strength metal, the structure features precise dimensions and an aesthetically pleasing design that seamlessly integrates with the surrounding architecture.

◎ Efficient and Safe Design

Equipped with an intelligent fault display system, it provides real-time analysis of operational status, ensuring timely and efficient maintenance for optimal safety.

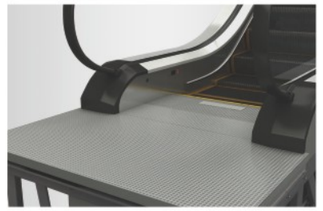
◎ The Beauty of Technology Sensing

The integrated technology enables accurate monitoring of operational conditions, displaying real-time data for effective and timely maintenance, enhancing overall safety and reliability.





Escalator Safety Escort



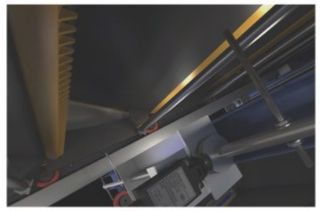
Cover Design

When a foreign object is detected between the apron board and the steps, the escalator will automatically stop to prevent damage or injury.



Handrail Entrance Security

The handrail belt entrance is equipped with a safety device. If a foreign object is caught at the entrance, the escalator will automatically stop to ensure passenger safety.



Cascade Sagging Protection

A monitoring device is installed at each drive station and steering station to ensure no gaps appear due to missing steps at the entrance, regardless of whether the escalator is moving up or down.



Cascade Chain Break Protection

If an abnormal bend is detected in a step, the escalator will automatically stop before the step enters the comb plate, preventing potential damage.



Drive Link Protection

If the drive chain becomes overstretched or broken, the escalator will automatically stop to prevent further mechanical damage.



Non-Operational Reversal Protection

A sensor is installed on the main brake. In the event of an unintended reversal, the main motor engages the brakes, ensuring a safe stop.



Comb Safety Protection

If a foreign object becomes caught between the moving step and the stationary comb plate, safety switches on both sides of the comb plate will be triggered, causing the escalator to stop immediately.



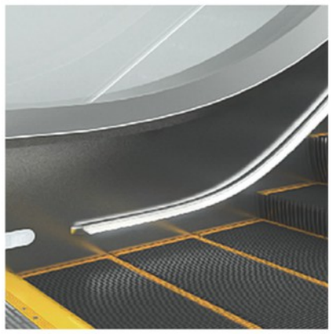
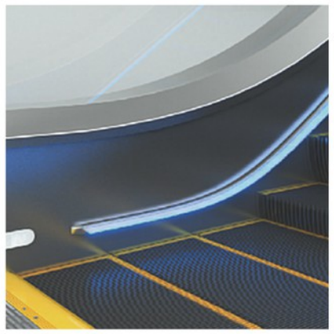
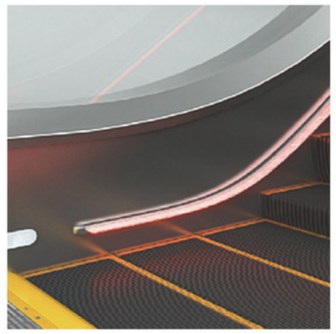
Step Loss Detection

A monitoring device is installed at each drive station and steering station. If a step is missing, the escalator will stop immediately to ensure safe operation.

Optional Features

Comb-Board Lighting

Available in white, blue, and red, the comb-board lighting enhances visibility and adds a modern, sleek aesthetic to the escalator, improving both safety and design.

Handrail Color

Choose from a variety of handrail colors, including gray, red, orange, and blue, to match the desired architectural theme and add a personalized touch to your escalator.

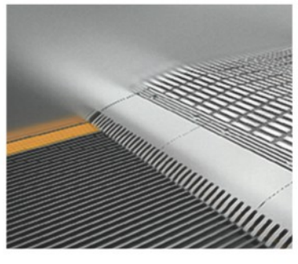
Voice HMI System

The voice prompt system enhances the user experience by providing audio guidance and safety instructions throughout the ride, ensuring a safer and more comfortable journey.



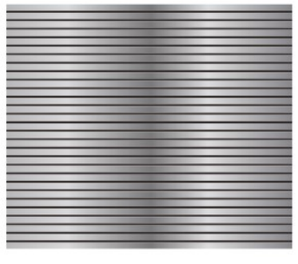
Comb

Made from durable aluminum alloy, the comb provides long-lasting strength and reliability, ensuring the smooth operation of the escalator.



Front Panel and Floor Panel

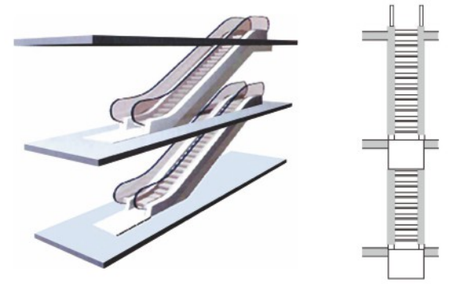
Both the front panel and floor panel are constructed from high-quality aluminum alloy, providing excellent durability while maintaining a modern, professional appearance.



Perfect Layout

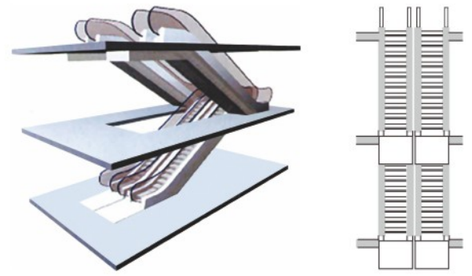
Intermittent Layout (One-Way Traffic)

Ideal for operation between three floors in smaller shopping malls. This configuration offers an efficient solution for limited spaces, optimizing traffic flow between floors.



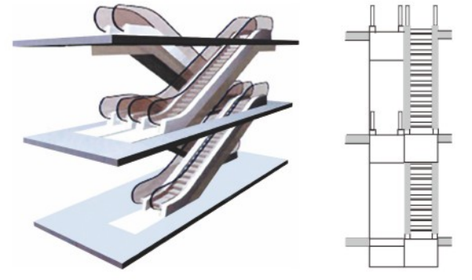
Parallel Continuous Arrangement (Two-Way Traffic)

Though this arrangement might not be as convenient for customers, it provides significant advantages for store owners. By positioning escalators parallel to each other, it allows businesses to offer services or display products along the path of customer movement.



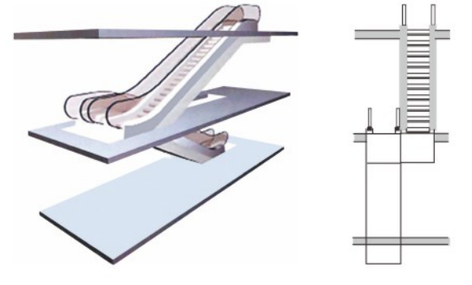
Cross-Continuous Arrangement (Two-Way Traffic)

In this layout, escalators are arranged across multiple floors to support two-way traffic. This configuration is commonly used in shopping malls, government buildings, and public spaces, as it reduces travel time between primary floors, improving overall efficiency.



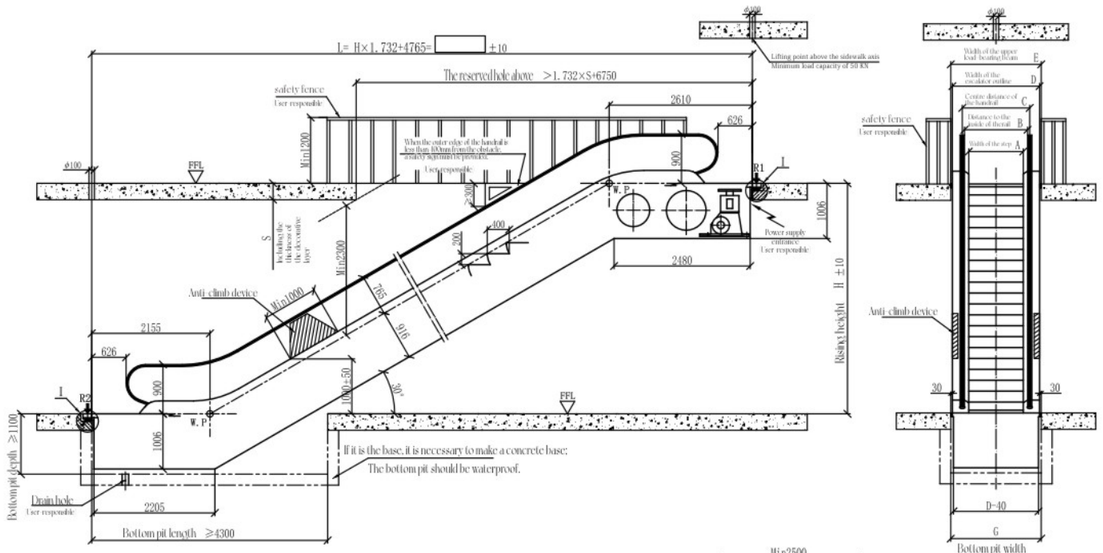
Continuous Layout (One-Way Traffic)

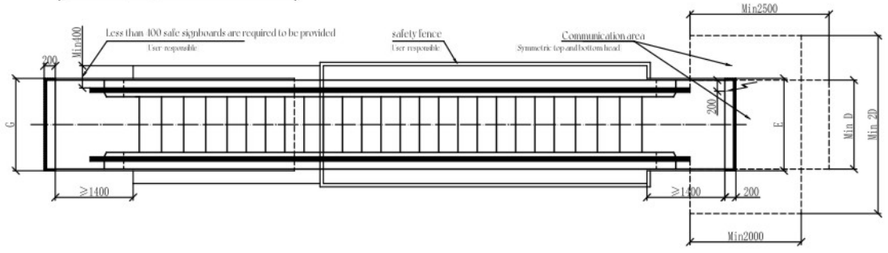
This layout connects several floors with continuous escalators or walkways, offering a streamlined solution. It requires more space than the intermittent configuration but supports a more consistent flow of traffic across larger areas.



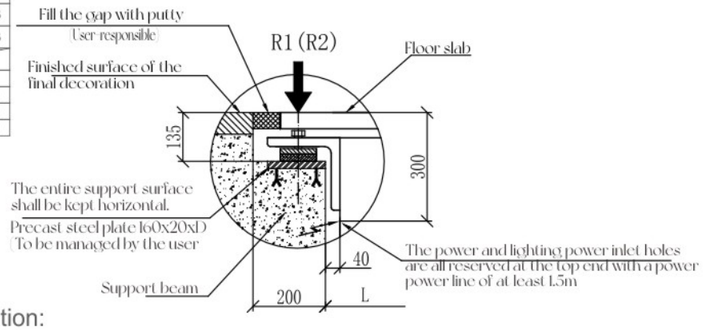
Escalator Construction Parameters

30° Escalator construction layout drawing





Details I
1:4



Motor capacity KW	Rising height (Ladder width) 1000		Rising height (Ladder width) 800		Rising height (Ladder width) 600	
	1000~3200	5.5	1000~3800	5.5	1000~4800	5.5
	3300~4300	7.5	3900~5200	7.5	4900~6000	7.5
	4400~6000	11	5300~6000	11		

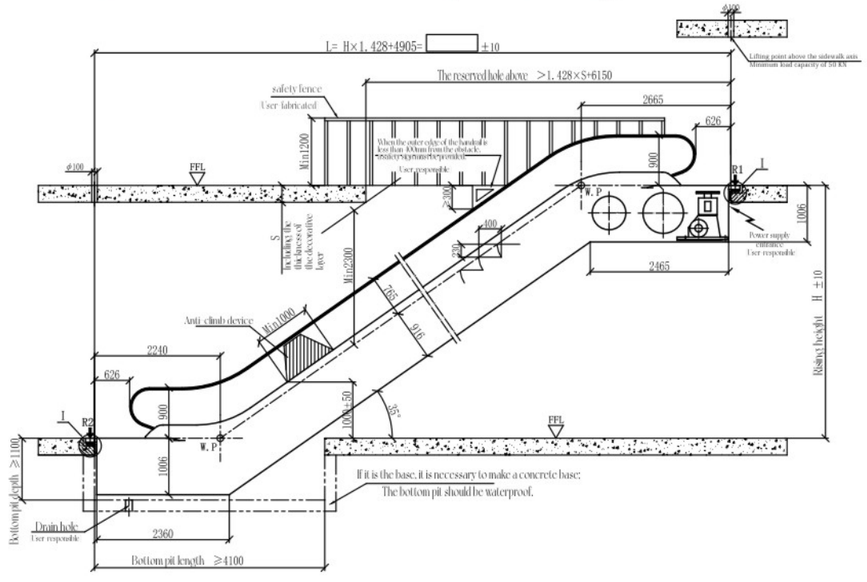
Step width	A	B	C	D	E	G
1000	1000	1158	1238	1600	≥1660	≥1660
800	800	958	1038	1400	≥1460	≥1460
600	600	758	838	1200	≥1260	≥1260

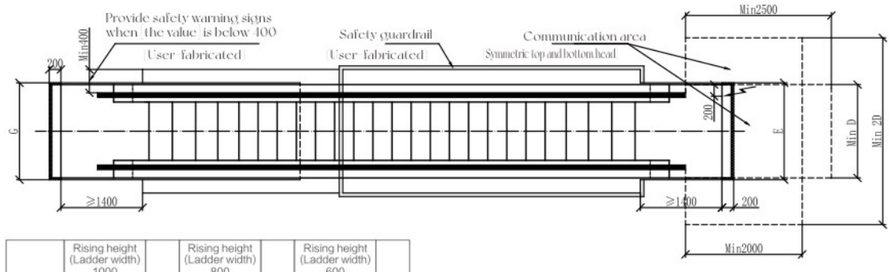
Model	Traveling height mm	Net weight KN	Supporting force R1	Supporting force R2
FHE30/600 (3600人/ h) Speed: 0.5m/s	3000	57	46	41
	3500	60	49	44
	4000	64	52	47
	4500	68	56	50
	5000	71	59	53
	5500	75	62	56
	6000	79	65	59
FHE30/800 (4800人/ h) Speed: 0.5m/s	3000	59	49	47
	3500	63	52	50
	4000	67	56	54
	4500	71	64	57
	5000	74	68	60
	5500	82	74	66
	6000	86	78	69
FHE30/1000 (6000人/ h) Speed: 0.5m/s	3000	63	59	53
	3500	67	64	57
	4000	71	68	61
	4500	75	73	65
	5000	83	79	71
	5500	87	84	75
	6000	92	88	79

Explanation:

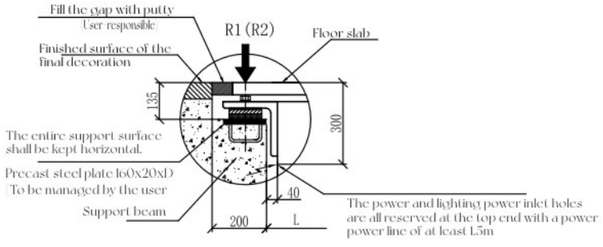
1. When the escalator is installed above the second floor, The pit can be canceled, The lower load-bearing beam structure and the upper part should be symmetrical.
2. There should be a fully accessible area at the entrance and exit of the escalator, with a width of not less than the width of the escalator' external dimensions, and a longitudinal depth length of not less than 2.5m from the end of the handrail to any obstacle; if the width of this area is increased more than twice the width of the escalator's external dimensions, the longitudinal depth length can be reduced to 2.0m.
3. The user shall provide a-phase five-wire system power supply (flexible wire) for the power source, requiring 380VAC+7%, 50HZ; and signal power supply single-phase 220VAC, 50HZ. And a grounding device with a resistance of not more than 4Ω is required.
4. For escalators installed outdoors, it is required that the pit drainage hole be connected to the user's drainage system (the user is responsible for this).
5. In the figure, S represents the thickness of the floor slab or the thickness of the lower hanging beam plus the thickness of the floor slab.

35° Escalator construction layout drawing





Details I
1:4



Motor capacity KW	Rising height (Ladder width) 1000		Rising height (Ladder width) 800		Rising height (Ladder width) 600	
	1000~3300	5.5	1000~4000	5.5	1000~5000	5.5
	3400~4500	7.5	4100~5400	7.5	5100~6000	7.5
	4600~6000	11	5500~6000	11		

Step width	A	B	C	D	E	G
1000	1000	1158	1238	1600	≥1660	≥1660
800	800	958	1038	1400	≥1460	≥1460
600	600	758	838	1200	≥1260	≥1260

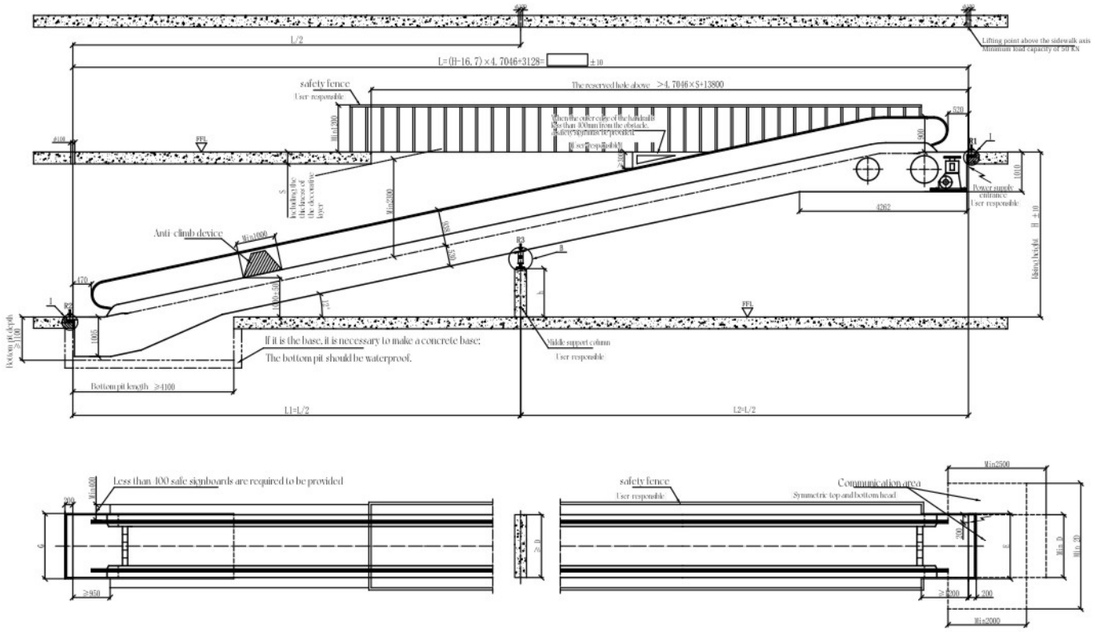
Model	Traveling height mm	Net weight KN	Supporting force R1KN	Supporting force R2KN
FHE35/600 (3600人/ h) Speed: 0.5m/s	3000	54	43	39
	3500	57	46	41
	4000	60	49	44
	4500	64	52	46
	5000	67	54	49
	5500	70	57	51
	6000	73	60	54
FHE35/800 (4800人/ h) Speed: 0.5m/s	3000	56	49	44
	3500	60	52	47
	4000	63	56	50
	4500	66	59	53
	5000	70	62	56
	5500	73	65	59
	6000	76	69	61
FHE35/1000 (6000人/ h) Speed: 0.5m/s	3000	60	56	50
	3500	64	60	53
	4000	67	64	57
	4500	71	67	60
	5000	74	71	64
	5500	82	77	69
	6000	85	81	72

Explanation:

1. When the escalator is installed above the second floor, The pit can be canceled, The lower load-bearing beam structure and the upper part should be symmetrical.
2. There should be a fully accessible area at the entrance and exit of the escalator, with a width of not less than the width of the escalator' external dimensions, and a longitudinal depth length of not less than 2.5m from the end of the handrail to any obstacle; if the width of this area is increased more than twice the width of the escalator's external dimensions, the longitudinal depth length can be reduced to 2.0m.
3. The user shall provide a-phase five-wire system power supply (flexible wire) for the power source, requiring 380VAC+7%, 50HZ; and signal power supply single-phase 220VAC, 50HZ. And a grounding device with a resistance of not more than 4Ω is required.
4. For escalators installed outdoors, it is required that the pit drainage hole be connected to the user's drainage system (the user is responsible for this).
5. In the figure, S represents the thickness of the floor slab or the thickness of the lower hanging beam plus the thickness of the floor slab.

Moving Walk Construction Parameters

12° Moving walk construction layout drawing



Motor capacity KW	Rising height (Ladder width) 1000		Rising height (Ladder width) 800	
	1300~2700	5.5	1300~3200	5.5
	2800~3600	7.5	3300~4400	7.5
	3700~5400	11	4500~6500	11
	5500~6300	13	6600~7700	13
	6400~7300	15	7800~8900	15
	7400~7800	8×2	9000~9500	8×2

Pedal width	A	B	C	D	E	G
1000	1000	1158	1238	1600	≥1660	≥1660
800	800	958	1038	1400	≥1460	≥1460

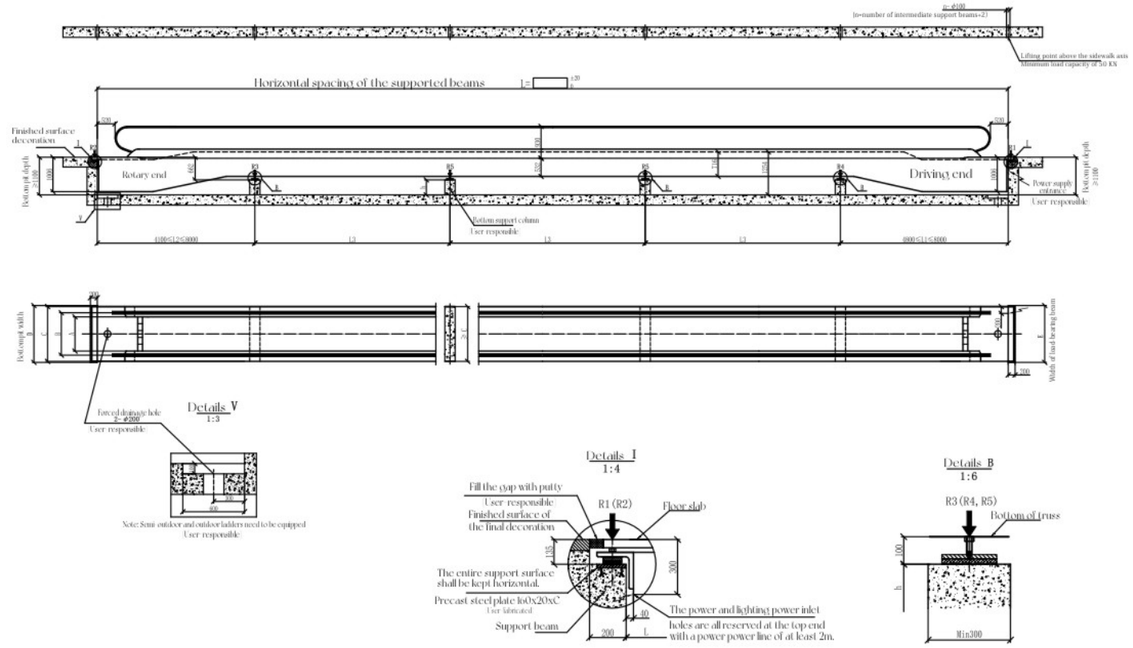
Pedal width	1000	800
Support ReactionR1 (KN)	0.0045xL2+11	0.0039xL2+9.5
Support ReactionR2 (KN)	0.0045xL1+5	0.0039xL1+4.5
Support ReactionR3 (KN)	1/2x0.0117x(L1+L2)	1/2x0.01014x(L1+L2)
Support ReactionR4 (KN)	1/2x0.0117x(L2+L3)	1/2x0.01014x(L2+L3)
Middle support height h		
Middle support height h1		
Middle support height h2		

Explanation:

1. When the sidewalk is installed on the second floor or above, the pit can be cancelled, and the lower bearing beam structure and the upper part arerical.
2. There shall be a fully unobstructed area at the entrance and exit of the sidewalk, with a width of not less than the width of the sidewalk, and a longitudinal depth of not less than 25m from the turning end of the handrail belt to any obstacle; if the width of this area is increased to more twice the width of the sidewalk profile, the longitudinal depth may be reduced to 2.0m.
3. The user shall provide a three-phase five-wire system supply (soft wire), requiring 380VAC+7%, 50HZ; lighting and signal power supply single-phase 220AC, 50HZ. And a grounding device with a resistance of not more than 4Ω shall be provided.
4. Fitted outside the pavement, it is essential that the pit drain is connected to the building's drainage system (the user is responsible for it).
5. In the drawing S indicates the thickness of the slab or slab and cantilever.

Moving Walk Construction Parameters

0° Moving walk construction layout drawing



Pedal width		1000		800	
Middle support spacing L3		6000	10000	6000	10000
Support reaction force (KN)	R1	40	38	35	34
	R2	34.5	34	32	31
	R3	62.5	78.5	52	64.5
	R4	63.5	79.4	54	66.6
	R5	48	79.4	40	66.6
Conveying length		L=10000~70000	L=70001~110000	L=10000~80000	L=80001~110000
Motor power / rated current		8KW/18A	11KW/25A	8KW/18A	11KW/25A

Explanation:

1. When the ambient temperature is below 0℃ (outdoor or semi-outdoor), a heater is required. The total power of the heater should be consulted with the Hengda Fujis Elevator Technical Department;
2. There should be a fully accessible area at the entrance and exit of the walkway, with a width not less than the width of the walkway's outline dimensions, and a longitudinal depth length from the turning end of the handrail to any obstacle not less than 2.5m; if the width of this area is increased to more than twice the width of the walkway's outline, the longitudinal depth length can be reduced to 2.0m.
3. If there is a pit, it should be waterproofed, and the user is responsible for it;
4. The handrail of the moving walkway should be at least 400mm from any obstacle, otherwise, a protective plate should be added at the triangular area where the handrail meets the floor (the user is responsible for it).
5. The user needs to provide a power supply, a grounding device with a grounding resistance of less than 4Ω, under the upper load-bearing beam, and leave a 2-meter excess cable length, and the motor power is based on the table on the right.
6. The illumination of the indoor moving walkway entrance and exit should be at least 50LX, and the illumination of the outdoor and semi-outdoor moving walkway entrance and exit should be at least 15LX (the user is responsible for it).
7. The decoration on both sides and the bottom of the moving walkway is the responsibility of the user.

Technical Specification		
Tilt angle α	0~6°	
Speed V	0.5m/s	
Pedal type	Aluminum alloy/stainless steel	
Arrangement pattern	single	
Use environment	Indoor/outdoor	
Pedal width A	1000	800
Center distance of handrail B	1238	1038
Outside width C	1600	1400
Bottom pit width D	≥1660	≥1460
Beam length E	≥1660	≥1460
Number of supports	n	
Support height	h=Bottom pit depth−662	
Power supply	The user provides a 380V 50Hz three-phase five-wire power supply, when the sidewalk starts, the voltage drop ≤10%, under normal conditions, the voltage drop during the operation of the sidewalk ≤ 5%; the maximum starting current should be less than 3.5 times the rated.	