

24-Hour Service Hotline

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周一-星期日 11:53:59 15822



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SUZHOU RITECH ELEVATOR CO., LTD.



ELEVATOR SERISE

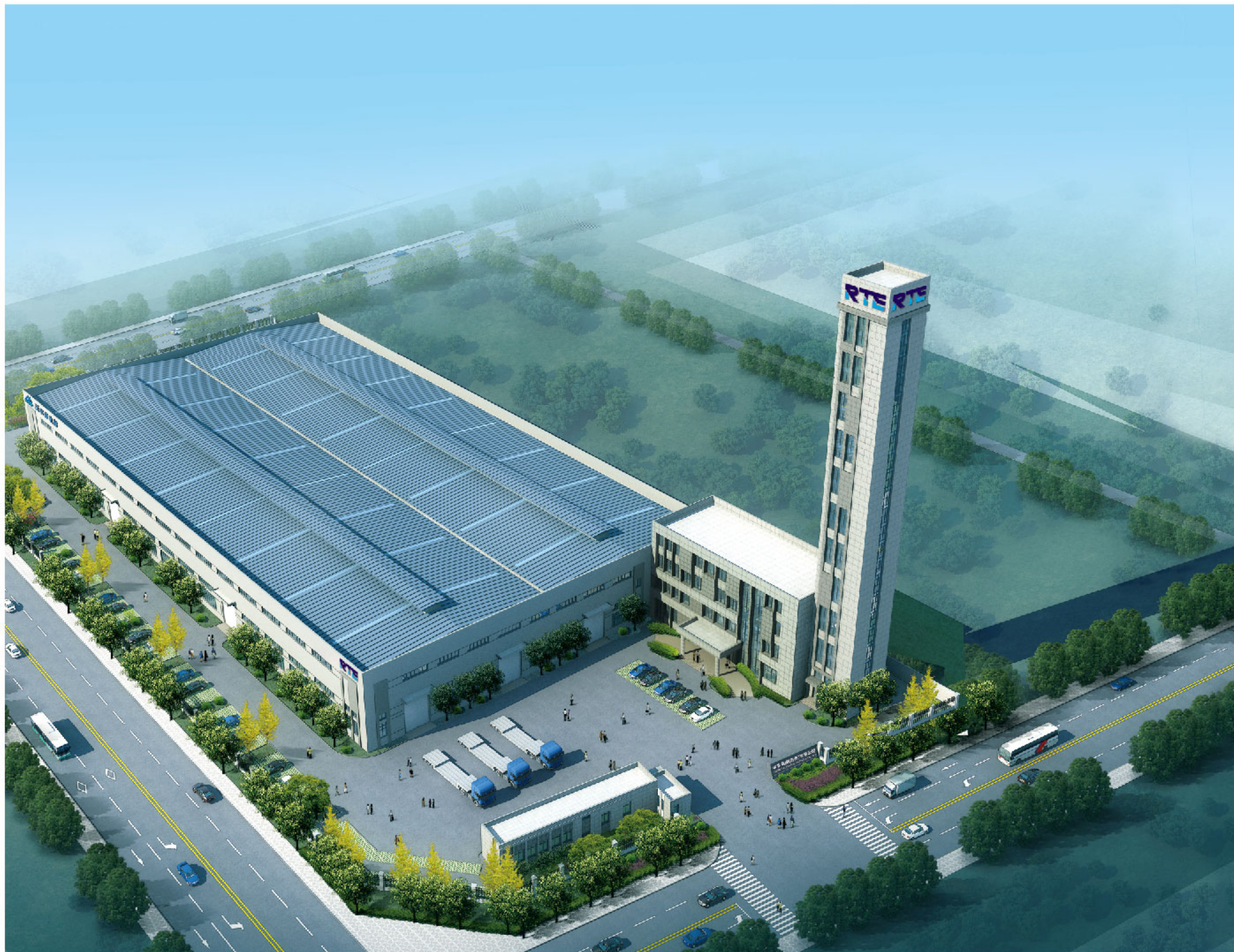


Elevate Your world



COMPANY PROFILE

ENGINEERED FOR SAFETY,
PERFECTED FOR PEACE OF MIND.



SMOOTH. SAFE. STEADY.
ELEVATING COMFORT FLOOR BY FLOOR.

RTE ELEVATOR

Suzhou Ritech Elevator Co., Ltd., headquartered in Wujiang District, Suzhou, holds China's highest-tier elevator manufacturing certification. We operate under the principle "Safety as Foundation, Craftsmanship as Soul," specializing in R&D, production, sales, installation, and maintenance of elevators to deliver secure, intelligent vertical transportation solutions globally.

Capitalizing on the Yangtze River Delta's industrial ecosystem, our precision manufacturing system integrates proprietary permanent magnet synchronous drive technology for 30% energy savings and AI-powered predictive maintenance. Critical components utilize reinforced stainless steel for lasting durability and modern aesthetics.

Our comprehensive portfolio serves diverse applications: High-speed passenger elevators ensure quiet, smooth efficiency; panoramic glass elevators blend architectural elegance with functionality; medical-grade models provide vibration-free operation; retrofit solutions enable urban renewal. The range extends to freight elevators and escalators.

Service excellence defines our commitment: 24/7 emergency response with 30-minute onsite arrival, extended warranties, and lifetime maintenance. Our concierge-style support manages every phase from design to modernization.

Rooted in China with global service reach, we uphold "Precision Craftsmanship, End-to-End Assurance" – transforming every ascent into a trusted experience and every space into a secure environment.

ENERGY SAVING STORAGE



Experience the efficient and smooth Operation of the elevator with a green Perspective, and enjoy a spiritual journey of space.

► PERMANENT MAGNET SYNCHRONOUS GEARLESS TRACTION MACHINE

Embracing the principle of "energy efficiency," and after 20 years of continuous optimization, it requires no excitation, features low starting current, high transmission efficiency, and a more optimized structure.



ENERGY SAVING & ENVIRONMENTAL PROTECTION

Energy saving exceeds 40% compared to conventional geared traction machines.



SMOOTH OPERATION

Utilizes imported high-precision encoders to achieve elevator operation with a smooth speed curve.



STABLE PERFORMANCE

Features professionally manufactured permanent magnets that resist demagnetization and maintain stable magnetic properties.



LOW NOISE

Employs a silent brake system, reducing noise by 5-10 dB(A).

► LIGHTING SYSTEM



Utilizes LED light sources for energy efficiency and environmental protection.



Employs voltage and current overload protection technology; safer and more energy-efficient, exceeding 80% energy savings compared to incandescent lamps.



Features intelligent standby mode with auto-sleep for enhanced power conservation.

RELIABLE SAFETY TECHNOLOGY

Let every encounter become every imprint, and let safety and comfort be your unique experience.

► CONTROL SYSTEM

OTA UPGRADES

Continuously expands elevator functions and optimizes existing functions online.

EFFECTIVE CONTROL

A control core built with a new 32-bit MCU increases core computing power by 100%, achieving smooth speed curves to reduce vibration and noise while enhancing comfort.

EFFICIENT OPERATION

Achieves efficient operation through real-time interconnection with other system data.

COMPACT SPACE

Wall-mounted installation reduces required space, with a 60% smaller volume compared to traditional control cabinets.



► PORTAL SYSTEM

HIGH-GRADE PROTECTION



Perceiving voltage anti-burnout design, extreme high-voltage resistance reaches 380V. Simultaneously, the door motor adopts IP65 high protection grade, experiencing no failure when water enters the car top.

EFFECTIVE CONTROL

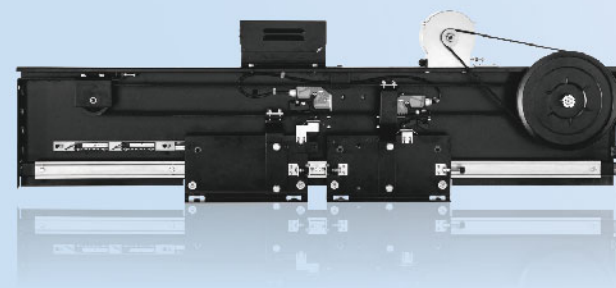


A new generation of self-developed door encoder combined with the novel stepless speed-regulating frequency conversion controlled door drive system, closed-loop vector control, real-time speed feedback, achieving precise positioning accuracy of 0.1%.

EFFICIENT AND INTELLIGENT



Targeting different floors, adopting distinct modes, intelligently adjusting door opening/closing speed to fulfill diverse user needs.



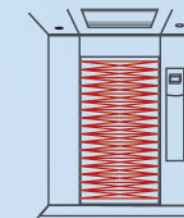
Adopting an entirely new Permanent Magnet Synchronous Motor drive and a novel stepless speed-regulating frequency conversion controlled door drive system, compared with ordinary door machines, energy saving reaches over 60%. Moreover, the mechanical structure is compact, greatly saving building space. This creates more possibilities for car design and architectural space design.

► SAFE AND WORRY-FREE

Every encounter safeguards for you, building trust with reassuring service each time.

● LIGHT CURTAIN DOOR PROTECTION

Standard 154-beam light curtain greatly improves foreign object detection sensitivity, enhancing elevator safety. Light curtain protection grade IP65.



● CAR DOOR LOCK

Prevents passengers from opening doors from inside the car during non-level landing stops caused by malfunctions or power failures, completely eliminating related safety hazards.



● RESET AND RESCUE FUNCTION

When elevator position is lost, automatically enters reset/rescue mode, runs to the nearest floor, opens doors to release passengers, then proceeds to terminal station for reset.



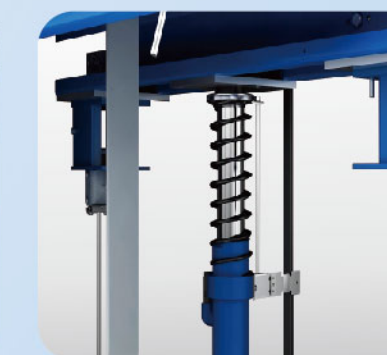
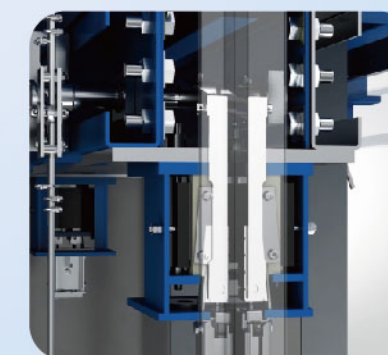
● VOLTAGE SELF-ADAPTIVE SPEED LIMIT CONTROL

When three-phase power experiences under-voltage, over-voltage, or over-current conditions, elevator speed automatically reduces to 60% of rated speed, operating at safe speed to nearest floor for stop, ensuring passenger safety.



● VOICE REASSURANCE

During elevator malfunctions, automatically plays voice messages to effectively ease passenger anxiety while awaiting rescue. Simultaneously provides additional voice prompts during operation to guide safe usage.



Safety tongs, speed limiters, overspeed protection and other all-directional safety protection devices, always provide multiple protection for passengers, more comfortable to travel.

SMALL MACHINE ROOM PASSENGER ELEVATOR

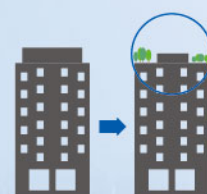
INNER / OUTER PERFECTION FOR MORE
SUPERIOR QUALITY

In today's booming construction industry, elevators play an indispensable role. Passenger elevators are high-quality elevators that combine excellent performance and comfortable experience, making them the best choice for residential, business, office, commercial centers, hotels, and other places.

Applying fields



Residential Office building



Reduce machine room area by 50%



MACHINE ROOMLESS PASSENGER ELEVATOR

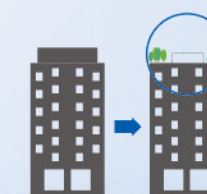
IT EASILY MERGES WITH THE BUILDING
AND ENHANCES THE BUILDING VALUES

The application of machine roomless elevators eliminates the need for machine rooms at the top of buildings. Bring greater flexibility to the exterior design of buildings. We adopt the world's top design concepts and mature control technologies, especially combined with the high-performance permanent magnet synchronous gearless drive system and the cutting-edge fully computerized data networking system, fully demonstrating the forward-looking concept of humanized wisdom and low-carbon environmental protection, making this series of products have excellent performance such as high efficiency, energy saving, space saving, safety and comfort. It is currently one of the most advanced elevator varieties in the world.

Applying fields



Residential Business building



Free use of precious architectural space



PASSENGER ELEVATOR CAR DECORATION



RTE-K001 Standard

- Ceiling: Hairline stainless steel, acrylic light-transmitting panel, LED lights
- Back Wall: Mirror stainless steel, hairline stainless steel
- Side Wall: Hairline stainless steel
- Floor: Standard PVC (optional rock board and marble)
- Handrail: Hairline stainless steel short grain, rounded head



COP-K01
standard



HOP-K01
standard



RTE-K002 Optional

- Ceiling: Hairline stainless steel, acrylic light-transmitting panel, LED lights
- Back Wall: Etched mirror stainless steel, hairline stainless steel
- Side Wall: Hairline stainless steel
- Floor: Standard PVC (optional rock board and marble)
- Handrail: Hairline stainless steel round-profile handrail








RTE -K003 Optional

- Ceiling: Hairline stainless steel, acrylic lighting fixtures, LED lights
- Back Wall: Etched mirror stainless steel, mirror stainless steel
- Side Wall: Etched mirror stainless steel, mirror stainless steel
- Floor: Standard PVC (optional rock board and marble)
- Handrail: Hairline stainless steel round-profile handrail








RTE-K004 Optional

-  Ceiling: Black titanium hairline stainless steel, LED lights, concealed LED strip lighting
-  Back Wall: Black titanium mirror stainless steel, black titanium hairline stainless steel
-  Side Wall: Black titanium mirror stainless steel, black titanium hairline stainless steel
-  Floor: Standard PVC (optional rock board and marble)
-  Handrail: Black titanium hairline stainless steel round-profile handrail








RTE-K005 Optional

-  Ceiling: Black titanium mirror stainless steel, acrylic light-transmitting panel, LED lights
-  Back Wall: Black titanium etched mirror stainless steel, hairline stainless steel
-  Side Wall: Black titanium etched mirror stainless steel, hairline stainless steel
-  Floor: Standard PVC (optional rock board and marble)
-  Handrail: Stainless steel round-profile handrail








RTE-K006 Optional

-  Ceiling: Spray-coated steel panel, acrylic light-transmitting panel
-  Back Wall: Black titanium mirror stainless steel, artistic glass
-  Side Wall: Wood veneer finish
-  Floor: Standard PVC (optional rock board and marble)
-  Handrail: None








RTE-K007 Optional

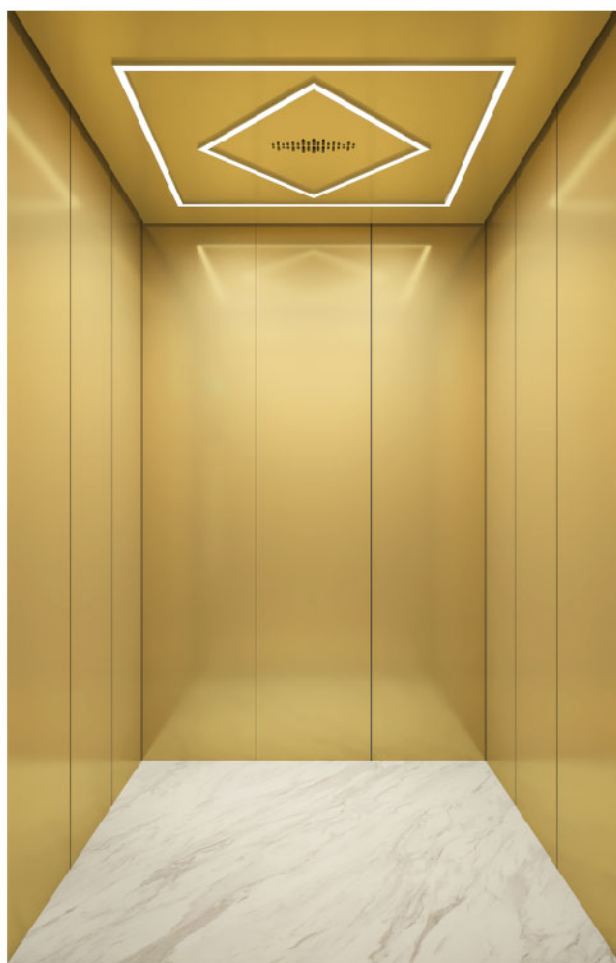
-  Ceiling: Diamond silver spray-coated steel panel, acrylic light-transmitting panel
-  Back Wall: Etched mirror stainless steel, modern gray styled steel panel
-  Side Wall: Modern gray styled steel panel, light beige styled steel panel
-  Floor: Standard PVC (optional rock board and marble)
-  Handrail: None



RTE-K008


Optional

-  Ceiling: Titanium gold mirror stainless steel, surface-mounted ceiling lights, LED lights
-  Back Wall: Aluminum decorative panel, titanium gold mirror stainless steel
-  Side Wall: Aluminum decorative panel, titanium gold etched mirror stainless steel
-  Floor: Standard PVC (optional rock board and marble)
-  Handrail: None



RTE -K009






Optional

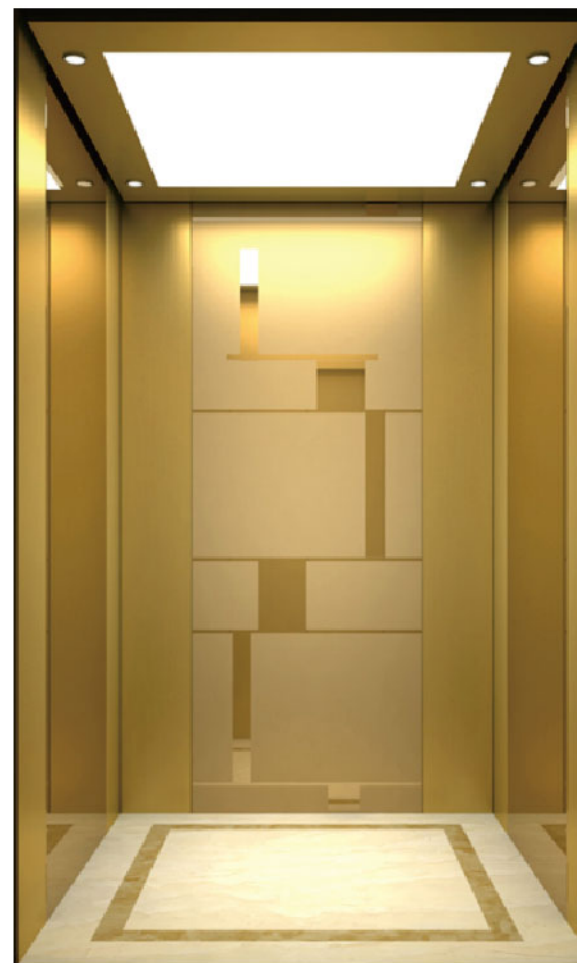
-  Ceiling: Champagne gold spray-coated steel panel, linear cove lighting
-  Back Wall: Champagne gold spray-coated steel panel
-  Side Wall: Champagne gold spray-coated steel panel
-  Floor: Standard PVC (optional rock board and marble)
-  Handrail: None



RTE-K010

Optional

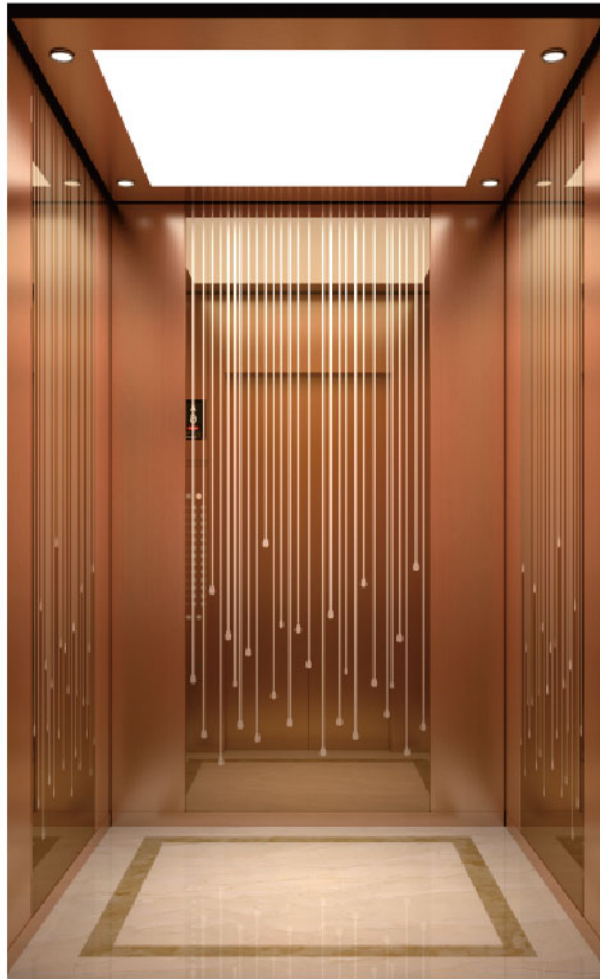
-  Ceiling: Champagne gold stainless steel, concealed LED strip lighting, LED lights
-  Back Wall: Champagne gold stainless steel, etched mirror stainless steel
-  Side Wall: Champagne gold stainless steel, etched mirror stainless steel
-  Floor: Standard PVC (optional rock board and marble)
-  Handrail: Hairline stainless steel with titanium gold mirror stainless steel composite tubing



RTE-K011

Optional

-  Ceiling: Titanium gold stainless steel, recessed downlights
-  Back Wall: Titanium gold stainless steel, etched mirror stainless steel
-  Side Wall: Titanium gold stainless steel, etched mirror stainless steel
-  Floor: Standard PVC (optional rock board and marble)
-  Handrail: None



RTE-K012

Optional



Ceiling: Acrylic light-transmitting panel, LED lights



Back Wall: Bronze stainless steel, etched mirror stainless steel



Side Wall: Bronze stainless steel, etched mirror stainless steel



Floor: Standard PVC (optional rock board and marble)



Handrail: None



RTE-K013

Optional



Ceiling: Color steel panel, LED lights



Back Wall: Wood grain steel panel, etched mirror stainless steel



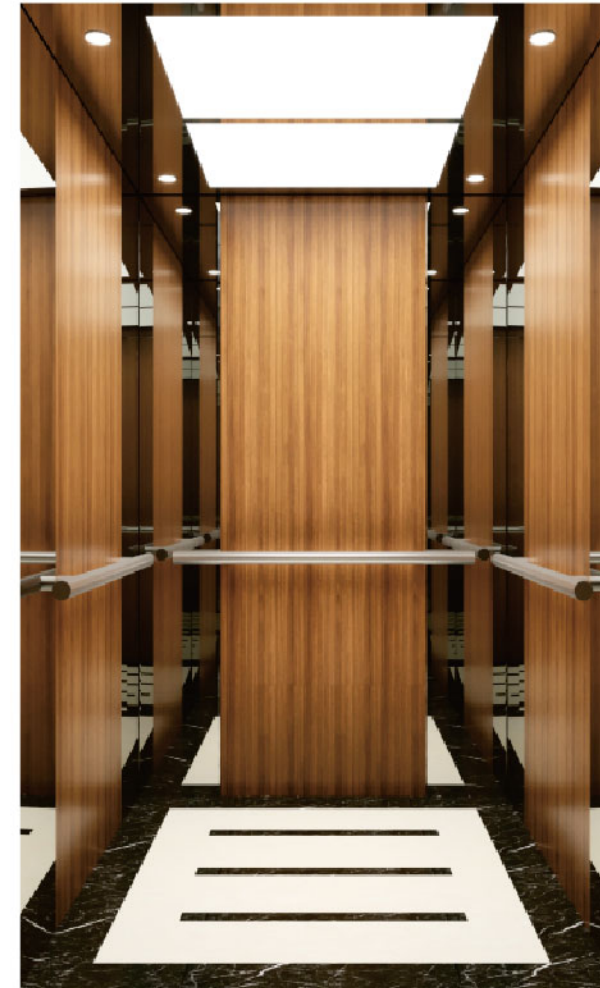
Side Wall: Wood grain steel panel, etched mirror stainless steel



Floor: Standard PVC (optional rock board and marble)



Handrail: Titanium gold mirror stainless steel with wood composite tube



RTE-K014

Optional



Ceiling: Mirror stainless steel, acrylic light-transmitting panel, LED lights



Back Wall: Wood grain steel panel, etched mirror stainless steel



Side Wall: Wood grain steel panel, etched mirror stainless steel



Floor: Standard PVC (optional rock board and marble)



Handrail: Stainless steel round handrail



RTE-K015

Optional



Ceiling: Hairline stainless steel, LED lights



Back Wall: Mirror stainless steel



Side Wall: Wood grain steel panel



Floor: Standard PVC (optional rock board and marble)



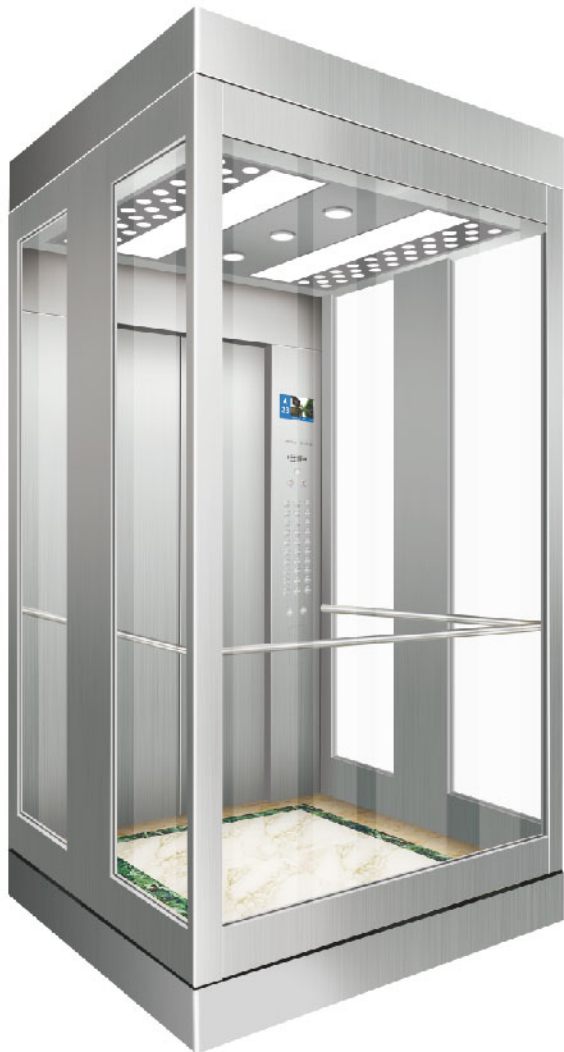
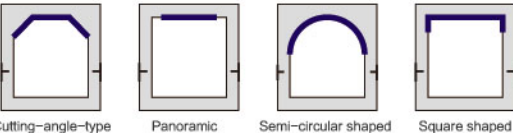
Handrail: Mirror stainless steel round handrail

OBSERVATION ELEVATOR CAR DECORATION



BEAUTIFUL SCENERY, THE DREAM OF BUILDING BEARING

Observation elevator, started with design and became technology. As night falls, the sightseeing car that shuttles up and down in the neon lights has become a sleepy landscape of the city. At the same time, the design concept of "safe, intelligent, beautiful and energy-saving" is also vividly displayed.



RTE-G001 Optional

- Ceiling: Hairline stainless steel, acrylic light-diffusing panel,LED lights
- Back Wall: Laminated safety glass, hairline stainless steel
- Side Wall: Laminated safety glass, hairline stainless steel
- Floor: Standard PVC (optional rock board and marble)
- Handrail: Hairline stainless steel round handrail



RTE-G002 Optional

- Ceiling: Spray-coated steel panel, acrylic light-diffusing panel
- Back Wall: Laminated safety glass, Spray-coated steel panel
- Side Wall: Laminated safety glass, Spray-coated steel panel
- Floor: Standard PVC (optional rock board and marble)
- Handrail: Mirror polished stainless steel round handrail



RTE-G003 Optional

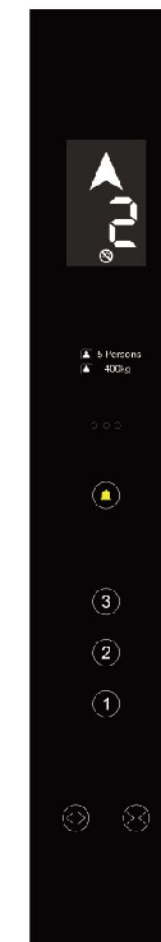
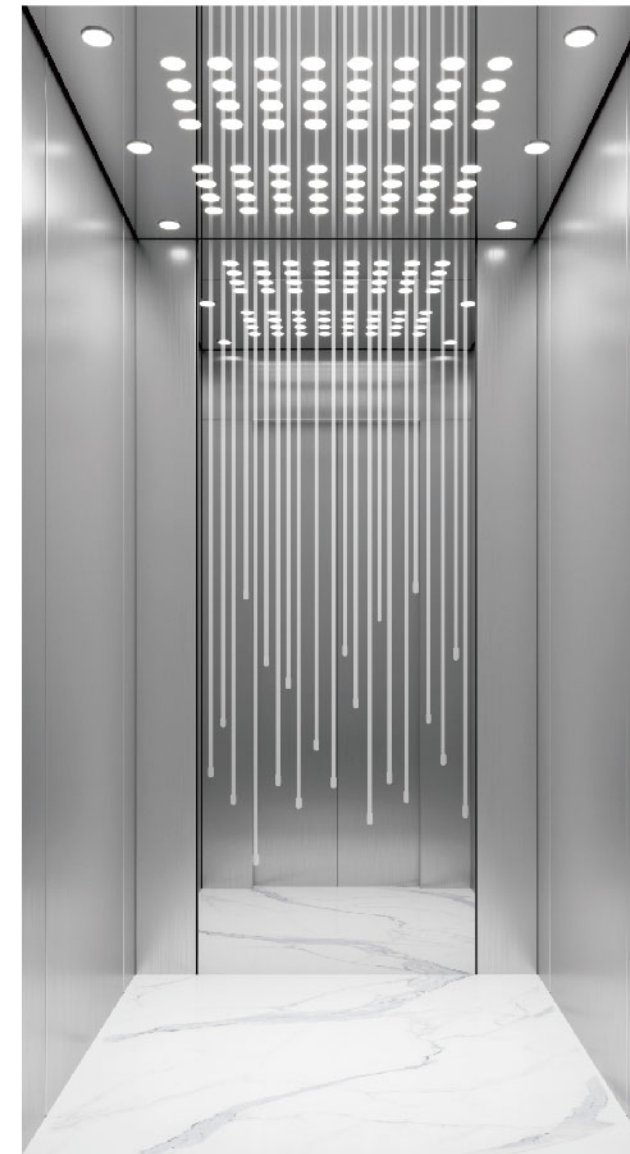
- Ceiling: Hairline stainless steel, acrylic light-diffusing panel
- Back Wall: Laminated safety glass, hairline stainless steel
- Side Wall: Laminated safety glass, hairline stainless steel
- Floor: Standard PVC (optional rock board and marble)
- Handrail: Mirror polished stainless steel round handrail



VILLA ELEVATOR CAR DECORATION



VILLA ELEVATOR CAR DECORATION








COP-V01
standard



HOP-V01
standard






RTE-V001 Standard

-  Ceiling: Hairline stainless steel, acrylic light-diffusing panel, LED lights
-  Back Wall: Etched mirror stainless steel, hairline stainless steel
-  Side Wall: Hairline stainless steel
-  Floor: Standard PVC (optional rock board and marble)
-  Handrail: None



RTE-V002






Optional

-  Ceiling: Mirror stainless steel, acrylic light-diffusing panel, LED lights
-  Back Wall: Etched mirror finish, hairline stainless steel
-  Side Wall: Hairline stainless steel
-  Floor: Standard PVC (optional rock board and marble)
-  Handrail: None



RTE-V004






Optional

-  Ceiling: Hairline stainless steel, mirror stainless steel, LED lights
-  Back Wall: Fingerprint-resistant hairline stainless steel, black titanium mirror stainless steel
-  Side Wall: Fingerprint-resistant hairline stainless steel, black titanium mirror stainless steel
-  Floor: Standard PVC (optional rock board and marble)
-  Handrail: None



RTE-V003






Optional

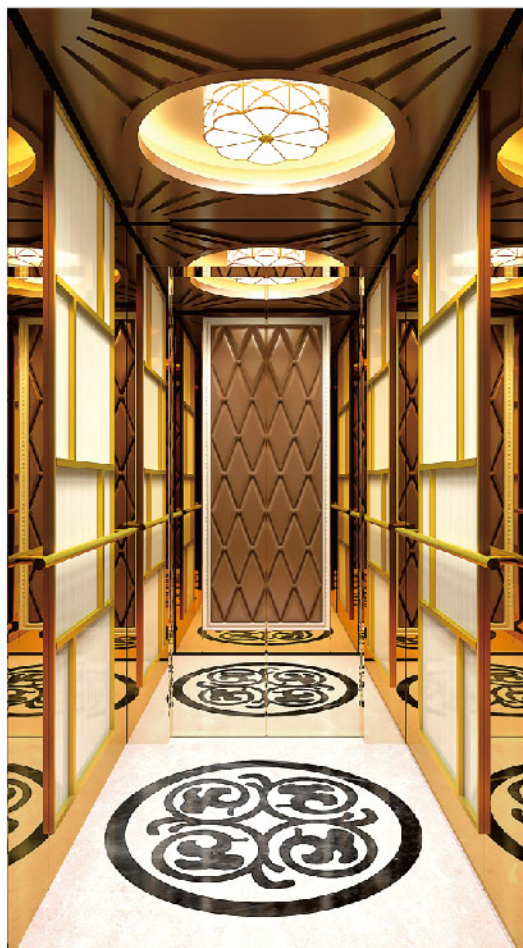
-  Ceiling: Champagne gold mirror stainless steel, cove lighting channel, LED lights
-  Back Wall: Champagne gold hairline stainless steel, champagne gold etched mirror stainless steel
-  Side Wall: Champagne gold hairline stainless steel, champagne gold etched mirror stainless steel
-  Floor: Standard PVC (optional rock board and marble)
-  Handrail: None



RTE-V005






Optional

-  Ceiling: Hairline stainless steel, acrylic light-diffusing panel
-  Back Wall: Leather-textured panel, black titanium mirror stainless steel
-  Side Wall: Leather-textured panel, black titanium mirror stainless steel
-  Floor: Standard PVC (optional rock board and marble)
-  Handrail: None



RTE-V006






Optional

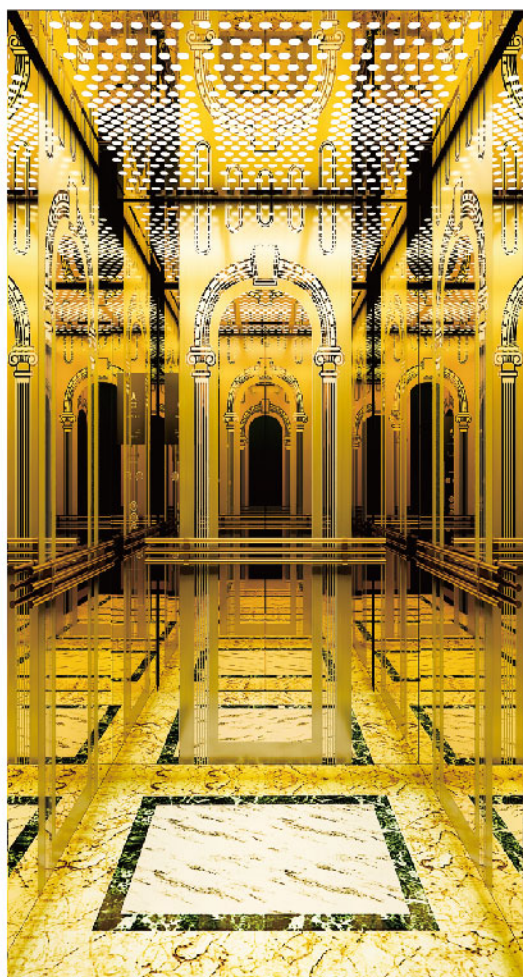
-  Ceiling: Wood-grain imitation steel frame with concealed LED strip lighting, lotus-pattern surface-mounted center light
-  Back Wall: Leather upholstered panel, titanium gold mirror finish
-  Side Wall: Grid-pattern decorative elements, titanium gold mirror finish
-  Floor: Standard PVC (optional rock board and marble)
-  Handrail: Titanium gold mirror stainless steel round handrail



RTE-V008




Optional

-  Ceiling: Titanium gold mirror stainless steel, acrylic light-diffusing panel, LED lights
-  Back Wall: Etched titanium gold mirror stainless steel, titanium gold hairline stainless steel
-  Side Wall: Grid-pattern decorative elements, titanium gold mirror finish
-  Floor: Standard PVC (optional rock board and marble)
-  Handrail: None



RTE-V007






Optional

-  Ceiling: Titanium gold mirror stainless steel, acrylic light-diffusing panel
-  Back Wall: Titanium gold mirror stainless steel, titanium gold multi-process decorative panel
-  Side Wall: Titanium gold mirror stainless steel, titanium gold multi-process decorative panel
-  Floor: Standard PVC (optional rock board and marble)
-  Handrail: Titanium gold mirror stainless steel triple-tube handrail



RTE-V009






Optional

-  Ceiling: Titanium gold mirror stainless steel, acrylic light-diffusing panel, LED lights
-  Back Wall: Etched titanium gold mirror stainless steel, titanium gold mirror stainless steel
-  Side Wall: Titanium gold mirror stainless steel
-  Floor: Standard PVC (optional rock board and marble)
-  Handrail: None



RTE-V010






Optional

-  Ceiling: Hairline stainless steel, acrylic light-diffusing panel, LED lighting
-  Back Wall: Hairline stainless steel, laminated safety glass
-  Side Wall: Hairline stainless steel, laminated safety glass
-  Floor: Standard PVC (optional rock board and marble)
-  Handrail: None



RTE-V011






Optional

-  Ceiling: Acrylic light-diffusing panel
-  Back Wall: Laminated safety glass, ivory white aluminum alloy frame
-  Side Wall: Laminated safety glass, ivory white aluminum alloy frame
-  Floor: Standard PVC (optional rock board and marble)
-  Handrail: None



RTE-V012






Optional

-  Ceiling: Starry sky ceiling with LED cove lighting
-  Back Wall: Champagne gold aluminum alloy, laminated safety glass
-  Side Wall: Champagne gold aluminum alloy, laminated safety glass
-  Floor: Standard PVC (optional rock board and marble)
-  Handrail: None



RTE-V013

Optional

-  Ceiling: Acrylic light-diffusing panel
-  Back Wall: Laminated safety glass, matte black aluminum alloy frame
-  Side Wall: Laminated safety glass, matte black aluminum alloy frame
-  Floor: Standard PVC (optional rock board and marble)
-  Handrail: None



BED ELEVATOR CAR DECORATION








BED ELEVATOR CAR DECORATION

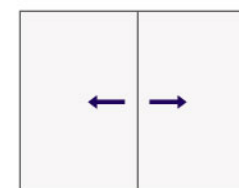


RTE-Y001

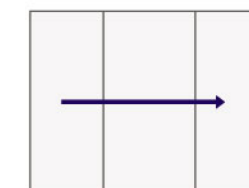
Optional

-  Ceiling: Hairline stainless steel, acrylic light-diffusing panel
-  Back Wall: Hairline stainless steel
-  Side Wall: Hairline stainless steel
-  Floor: Standard PVC (optional rock board and marble)
-  Handrail: Hairline stainless steel flat-profile handrail

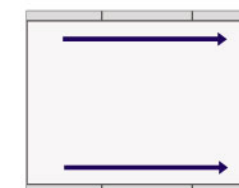
VARIOUS WAYS OF DOOR OPEN



Center opening type



Side opening type



Opposite door





FREIGHT ELEVATOR CAR DECORATION








FREIGHT ELEVATOR CAR DECORATION

Freight elevator takes low carbon environment protection as design concept. It saves energy and reduces loss. It utilizes the well space to the greatest extent. It regards saving the building area and decreasing the building cost as ultimate goal. It gives a full play of green humane spirits of the products. Compared with geared elevator with same load level, it can save 40% of electric energy, 10% of building area.



RTE-H001

Optional

-  Ceiling: Hairline stainless steel, LED lights
-  Back Wall: Hairline stainless steel
-  Side wall: Hairline stainless steel
-  Floor: Steel plate
-  Handrail: None

RTE-H002

Optional

-  Ceiling: Paint steel, LED lights
-  Back Wall: Paint steel
-  Side wall: Paint steel
-  Floor: Steel plate
-  Handrail: None



FREIGHT ELEVATOR PARTS DECORATION

Hall Door Decoration



Center opening



Side opening



Double-folded center opening type

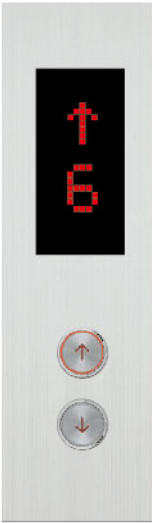


3-Folded center opening type

Operation panel



RTE-HC01



RTE-HW01

Crash barrier of elevator

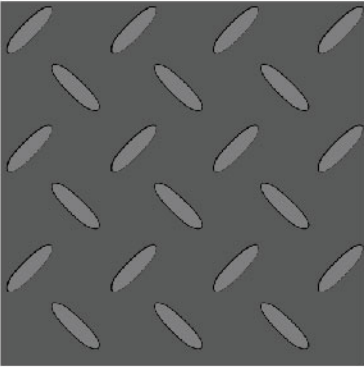


Wooden



Black rubber

Floor



Ordinary checkerd steel plate I
(Standard)



Stainless steel diamond plate II
(Optional)

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

ESCALATOR

Escalator products can be used for long-distance transit of pedestrians or belongings. They can meet people's demands for automatic transit in shopping and traveling process, guaranteeing free access of people in various public spaces. Automatic walks are applicable to public spaces with huge pedestrian volume, such as shopping centers, traffic hubs, airports, and exhibition centers.



ADVANCED SCIENTIFIC RESEARCH TECHNOLOGY MAKES THE EXCELLENT QUALITY

Escalator applies advanced international technology and design concept at manufacturing various elevators. It features as smooth operation, low noise, durable, convenient repair etc. It provides extensive passengers with new, bright attractive and comfortable experience because of its fine and exquisite structure, advanced stairway, delicate belt, deluxe and charming outline. It lets you appreciate the extraordinary charming and luxurious manner of modern buildings.



SAFETY AND ENJOYMENT

Optimized core parts and safety protection measures are based on latest technologies, strictly guaranteeing safe and stable operation of escalators.



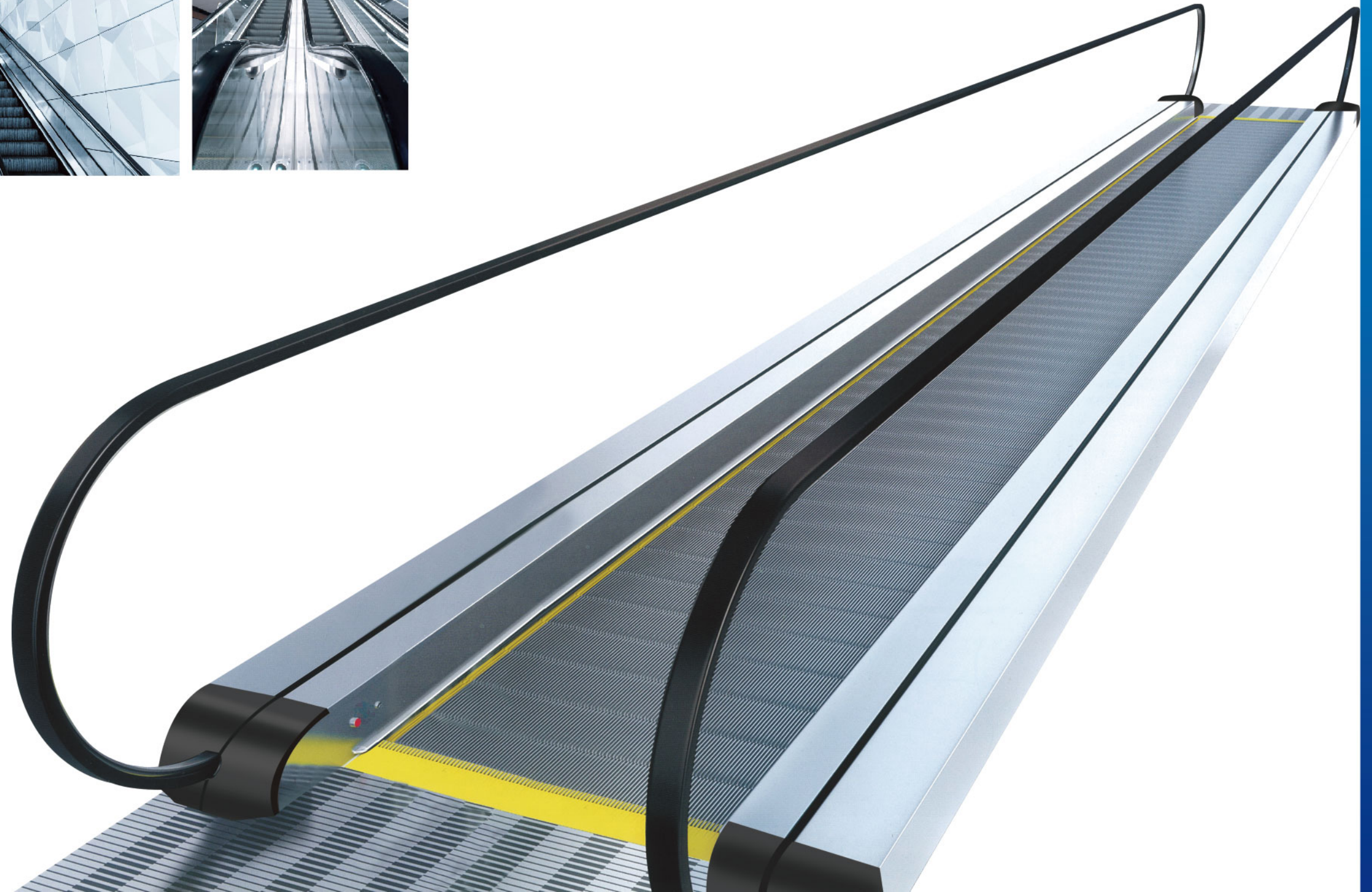
COMPACT STRUCTURE

Fish-bellied short stair step greatly narrows the spatial span and makes the whole structure more compact. Such structure can be flexibly adapted to various construction layouts, saving valuable construction space for customers.



RELIABILITY AND DURABILITY

Modern trusses adopt high-quality rectangular steels which could guarantee the overall rigidity of escalators due to their high strength. Innovative lubrication system can add oil to escalator parts automatically, steel steps are free from cracks or deformations.



MOVING WALK

Moving walk brings a new level of simplicity and comfort to shopping. Convenient for people to safety, convenient shopping in the shopping center.

Blending engineering knowhow and style, this reliable and durable solution, a globally recognized escalator and moving walk specialist, is an asset to any quality shopping experience.



ADVANCED CONTROL SYSTEM

Advanced control system, controlled by computer, Large capacity, fast response, high stability and complete functions.

PATENTED TRACK TECHNOLOGY

Patented track technology co-researched by China and U.S., by relying on the world's leading track design and scientific mechanical operation to ensure more smoothly and efficiently running of the elevator.

LARGE PALLET WIDTH

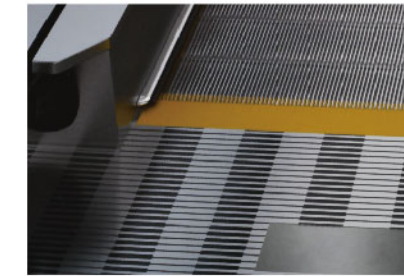
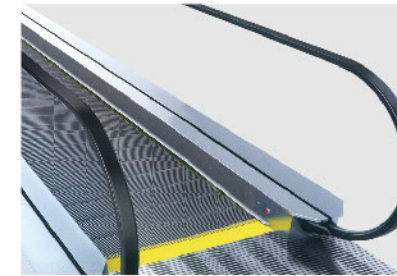
The steps can reach a maximum width of 1 m, to achieve a large flow of passengers and cargo transport.

AUTOMATIC LUBRICATION SYSTEM

Application of intelligent detection control and automatic lubrication system can ensure the power transmission among components of the elevator, and provide a stable speed, when effectively improve service life.

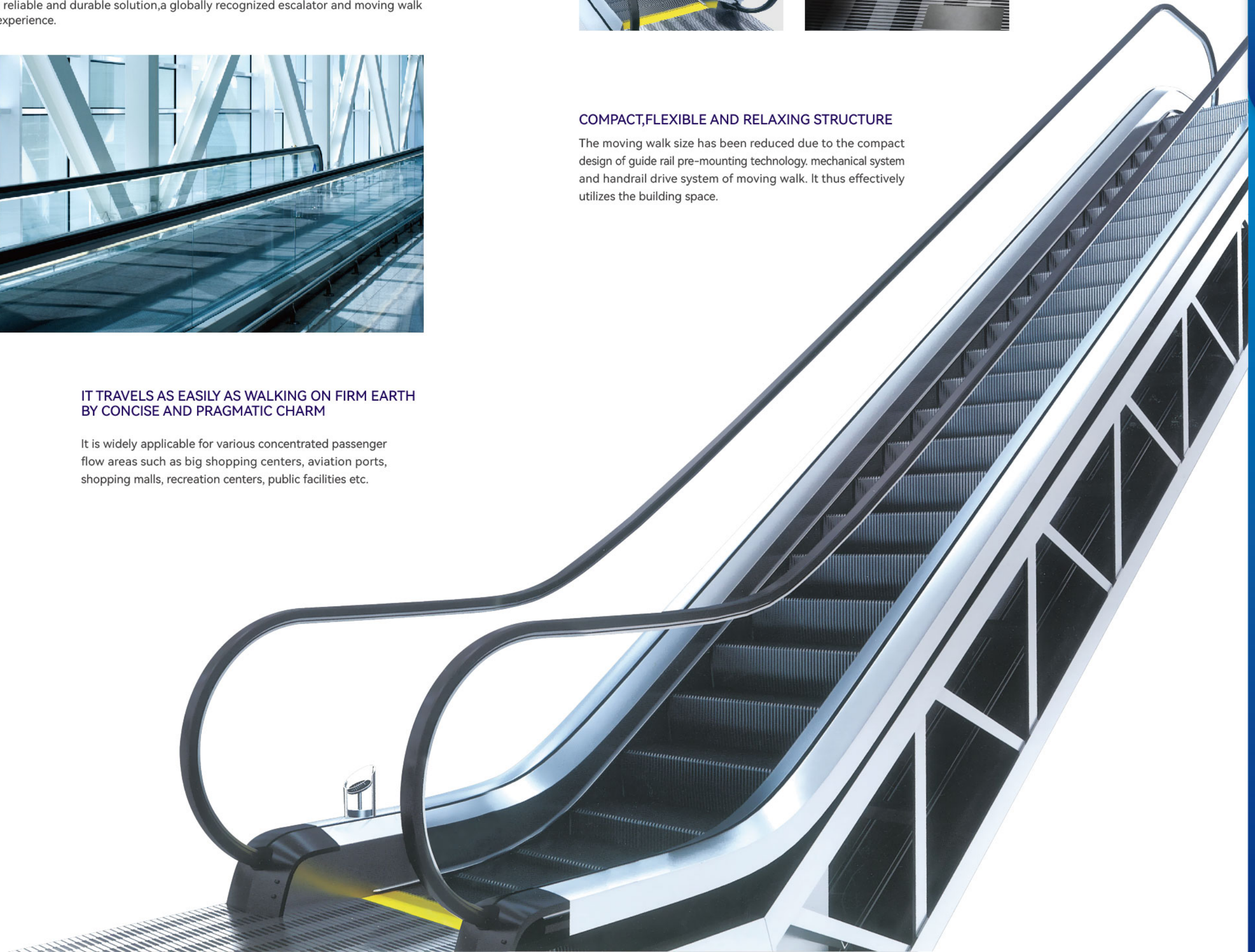
IT TRAVELS AS EASILY AS WALKING ON FIRM EARTH BY CONCISE AND PRAGMATIC CHARM

It is widely applicable for various concentrated passenger flow areas such as big shopping centers, aviation ports, shopping malls, recreation centers, public facilities etc.



COMPACT, FLEXIBLE AND RELAXING STRUCTURE

The moving walk size has been reduced due to the compact design of guide rail pre-mounting technology, mechanical system and handrail drive system of moving walk. It thus effectively utilizes the building space.

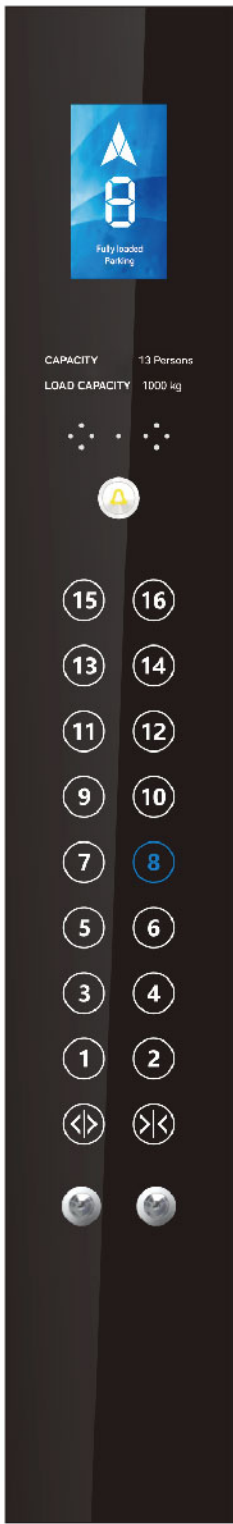


OPTIONAL HUMAN MACHINE

The material of surface can be changed as client's requirement, such as hairline stainless, mirror stainless steel, titanium gold stainless steel, bronze stainless steel. etc.



RTE-C01



RTE-C02



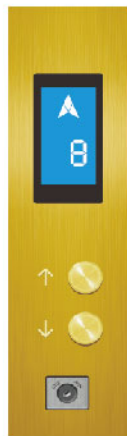
RTE-C03



RTE-W01



RTE-W02



RTE-W03



RTE-C04

Display optional



6.4\"STN



8.0\"TFT

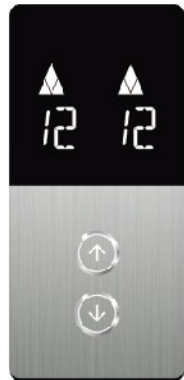


10.4\"TFT

LOP optional



RTE-W04



RTE-W05



RTE-W06



4.3\"TFT



4.3\"LCD

Button optional



RTE-A01

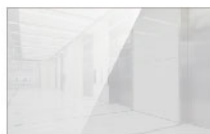


RTE-A02

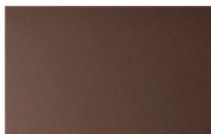


RTE-A03

Stainless steel material optional



Mirror



Bronze



Black titanium

HALL DOOR SERIES



RTE-M01
Hairline Stainless Steel



RTE-M02
Rose Gold Hairline Stainless Steel



RTE-M03
Champagne Gold Hairline
Stainless Steel



RTE-M04
Bronze Hairline Stainless Steel



RTE-M05
Black Titanium Hairline Stainless Steel



RTE-M06
Wood Grain Steel Panel



RTE-M07
Titanium Gold Mirror Etched



RTE-M08
Bronze Hairline Stainless Steel Etched



RTE-M09
Framed glass door

CEILING SERIES



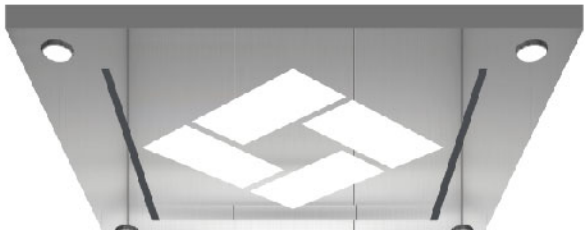
RTE-JD01
Hairline Stainless Steel, acrylic light-diffusing
panel, LED lighting



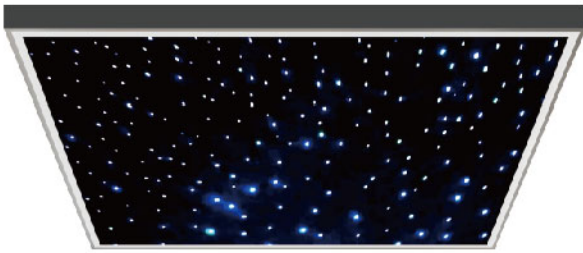
RTE-JD02
Hairline Stainless Steel, acrylic light-diffusing panel



RTE-JD03
The light band is hidden in the middle of the stainless steel!
plate and the stainless steel edge



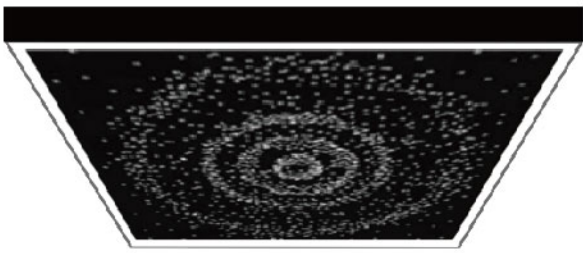
RTE-JD04
Mirror Stainless Steel, acrylic light-diffusing
panel, LED lighting



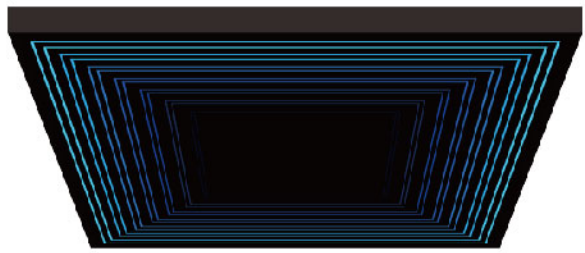
RTE-JD05
Starry sky top



RTE-JD06
Spray-Coated Steel Plate, acrylic light-diffusing
panel, LED lighting



RTE-JD07
Starry sky top



RTE-JD08
Abyssal top

HANDRAIL SERIES

RTE-F01

Stainless steel tube with short embossed lines



RTE-F02

Titanium embossed short patterned single tube



RTE-F03

Stainless steel tube mirror triple combination



RTE-F04

Stainless steel tube titanium triple combination



RTE-F05

Stainless steel tube mirror, titanium gold combination



RTE-F06

Combination of round wood and titanium gold



RTE-F07

Stainless steel short grain, rounded head



RTE-F08

Stainless steel titanium short grain, rounded head



FLOOR SERIES



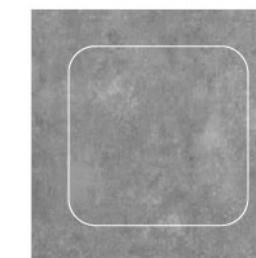
RTE-DB01



RTE-DB02



RTE-DB03



RTE-DB04



RTE-DB05



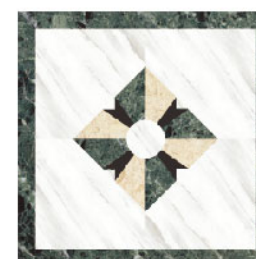
RTE-DB06



RTE-DB07



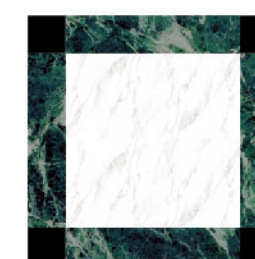
RTE-DB08



RTE-DB09



RTE-DB10



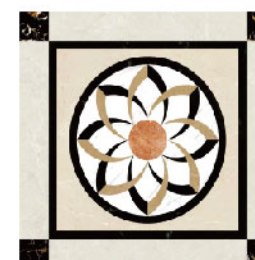
RTE-DB11



RTE-DB12



RTE-DB13



RTE-DB14

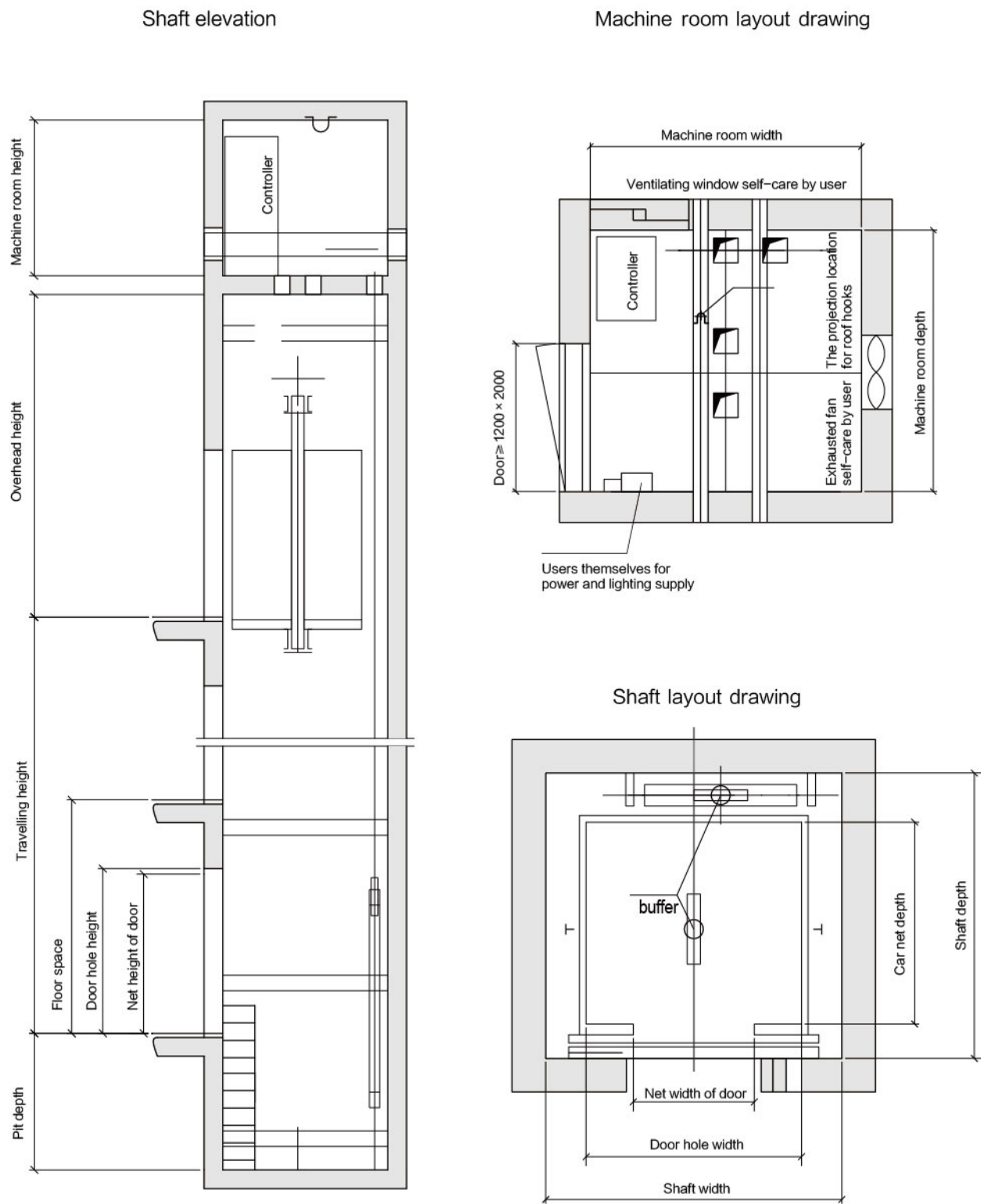


RTE-DB15



RTE-DB16

SMALL MACHINE ROOM PASSENGER ELEVATOR
CONSTRUCTION SKETCH

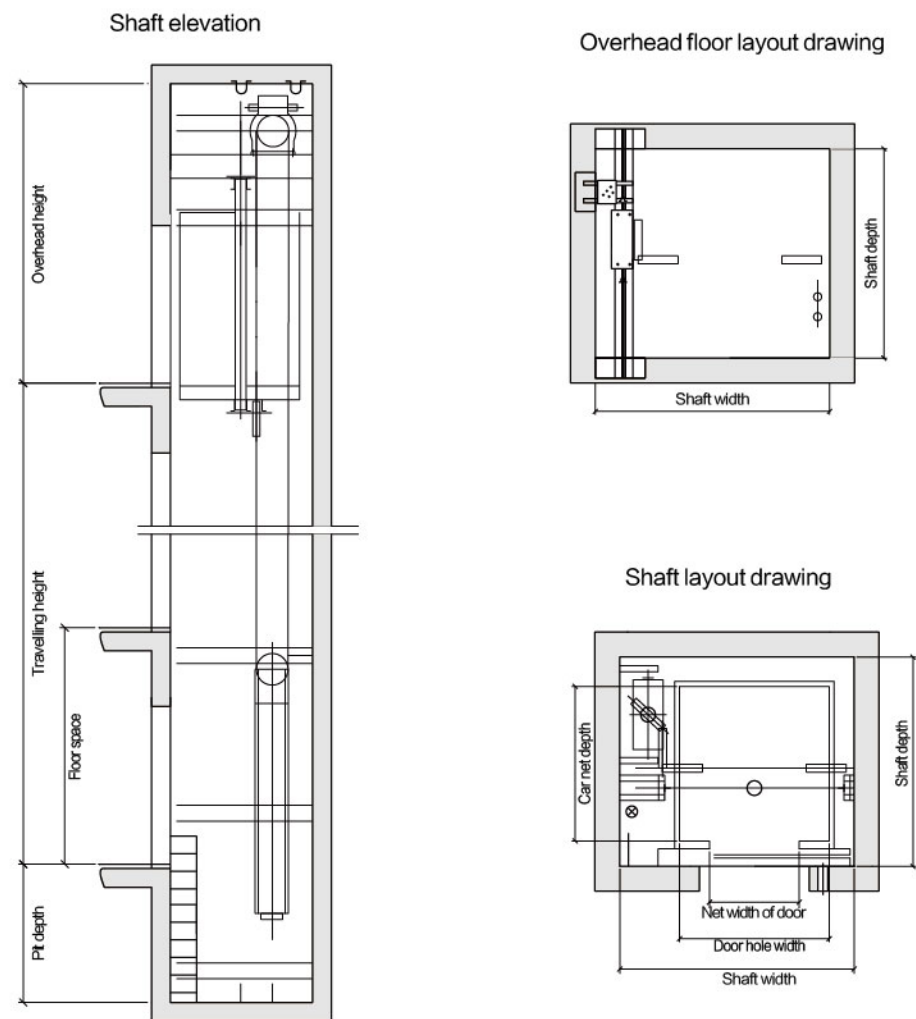


Small machine room passenger specifications

Persons	Rated capacity (k)	Rated speed (m/s)	Net size of car (mm)	Net size of door D.WxD.H (mm)	Shaft size (mm)			Machine room size (mm)	
			C.WxC.DxD.H	2P Central opening	H.W x H.D	HR.H	PIT	MR.WxMR.D	MR.H
6	450	1.0 1.5/1.75	1400x850x2300	800x2100	2000x1500	4000 4400	1500	2000x1500	2500
8	630	1.0 1.5/1.75	1400x1100x2300	800x2100	2000x1720	4200 4400	1500 1600	2000x1720	2500
10	800	1.0 1.5/1.75 2.0 2.5	1400x1350x2300	800x2100	2000x1970	4200 4400 4800	1500 1600 1800 2000	2000x1970	2500
13	1000 (1050)	1.0 1.5/1.75 2.0 2.5 3.0 3.5 4.0	1600x1450x2300 1100x2100x2300 (Residence/stretcher elevator)	900x2100	2200x2120 2100x2500 (Residence / stretcher elevator)	4200 4400 4800 5200 5500 6000	1500 1600 1800 2000 2600 3100 3850	2200x2120 2100x2500 (Residence/ stretcher elevator)	2500
16	1250	1.0 1.5/1.75 2.0 2.5 3.0 3.5 4.0	1900x1450x2300	1100x2100	2500x2150	4200 4400 4800 5200 5500 6000	1500 1600 1800 2000 2600 3100 3850	2500x2150	2500
18	1350	1.0 1.5/1.75 2.0 2.5 3.0 3.5 4.0	1900x1550x2300	1100x2100	2500x2250	4200 4400 4800 5200 5500 6000	1500 1600 1800 2000 2600 3100 3850	2500x2250	2500
21	1600	1.0 1.5/1.75 2.0 2.5 3.0 3.5 4.0 6.0 10.0	1900x1800x2300	1100x2100	2500x2500	4200 4400 4800 5200 5500 6000	1500 1600 1800 2000 2600 3100 3850	2500x2500	2500
			1900x1800x2300	1100x2100	2700x2500	6350	4300	2700x2500	2500
			1900x1800x2800		2700x2950	8800	7200	4200x2950	3800
26	2000	1.0 1.5/1.75 2.0 4.0 6.0 8.0 10.0	1900x2200x2300	1100x2100	2700x2700	4500 4700 5000	1500 1600 1800	2700x2700	2500
			1900x2200x2800	1100x2100	2700x3350	6000 6400 7500 8800	3850 4300 6000 7200	4200x3350	3800

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

MACHINE ROOMLESS PASSENGER ELEVATOR
CONSTRUCTION SKETCH

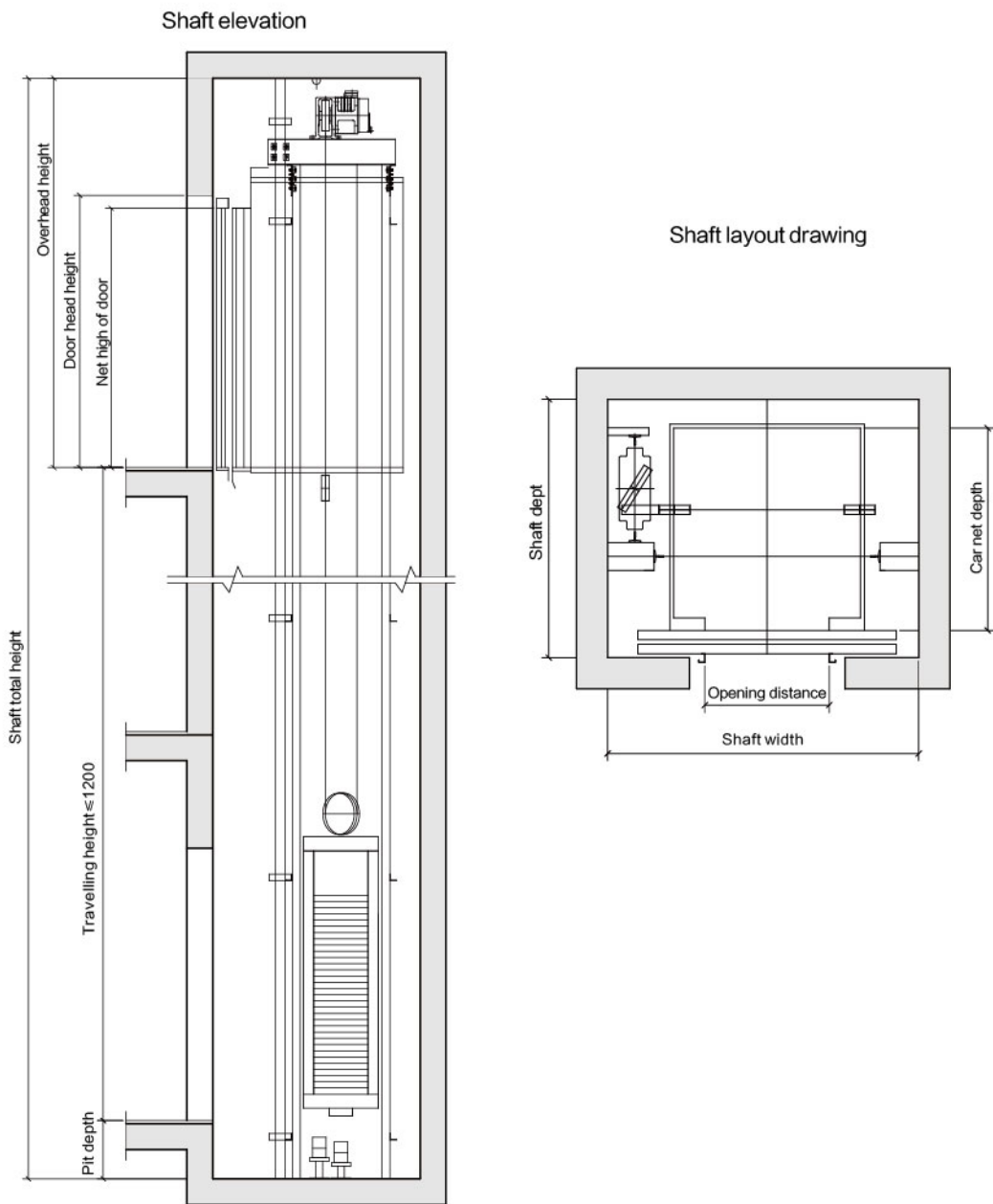


Machine roomless passenger specifications

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.

VILLA ELEVATOR
CONSTRUCTION SKETCH

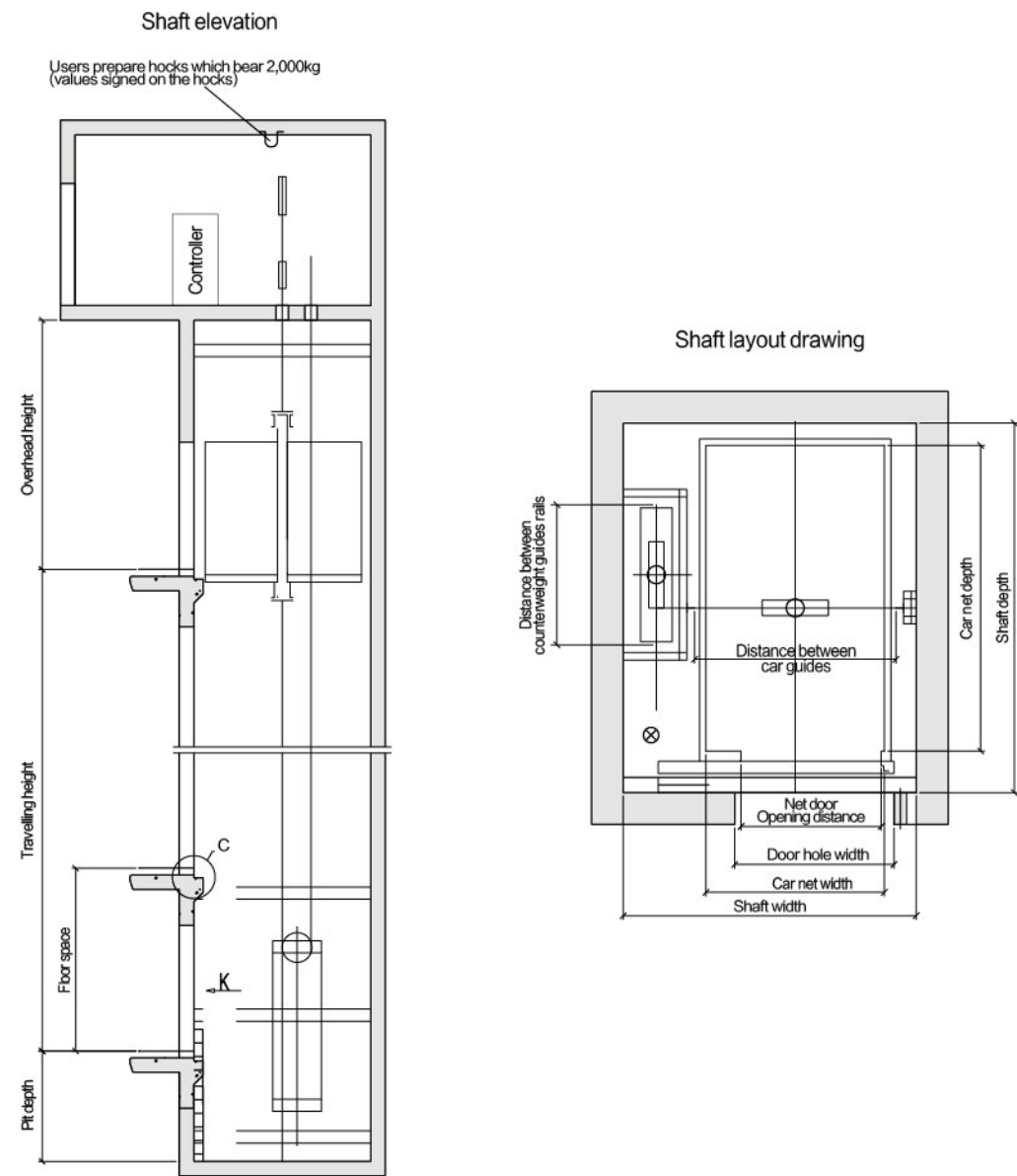


Villa elevator specifications

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.

BED ELEVATOR
CONSTRUCTION SKETCH

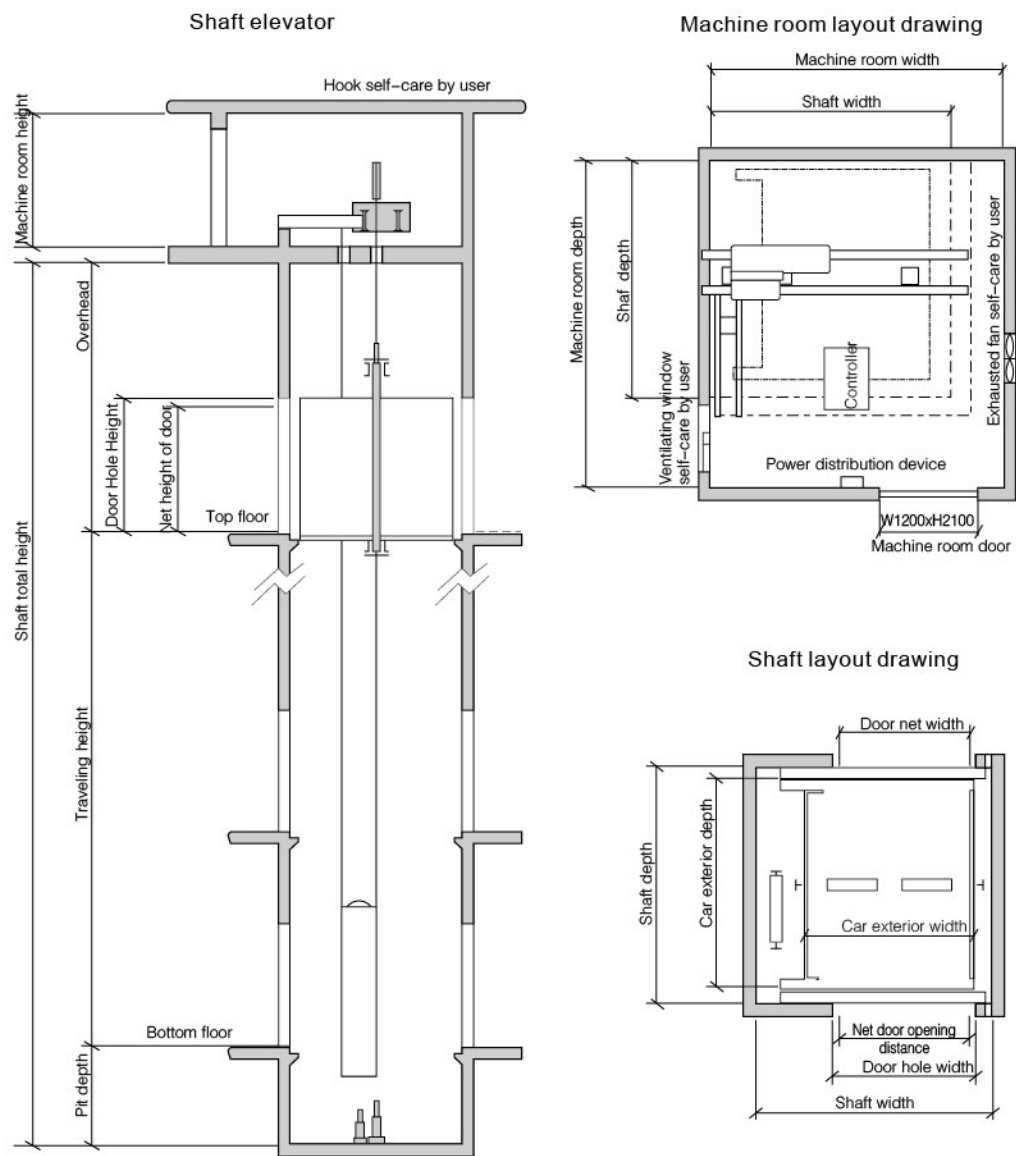


Machine room / Machine roomless bed elevator specifications

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.D x D.H	D.W x D.H	H.W x H.D	HR.H	PIT	MR.W x MR.D	MR.H
21	1600	1.0	1400x2400x2300	1100x2100	2550x2900	4500	1500	2550x2900	2500
		1.5/1.75				4700	1600		
		2.0				4900	1800		
		2.5				5100	2000		
24	1800	1.0	1600x2400x2300	1200x2100	2750x2900	4500	1500	2750x2900	2500
		1.5/1.75				4700	1600		
		2.0				4900	1800		
26	2000	1.0	1700x2400x2300	1200x2100	2850x2900	4500	1500	2850x2900	2500
		1.5/1.75				4700	1600		
		2.0				4900	1800		

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

FREIGHT ELEVATOR
CONSTRUCTION SKETCH



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

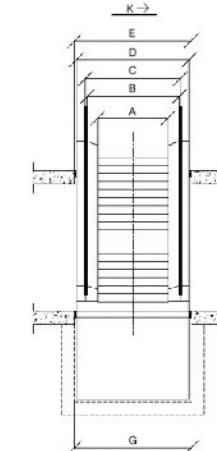
Note: Only for reference, final manufacture please follow contract.

30° Escalator construction layout drawing



1. When the escalator to be installed above the second floor. Don't have a pit...Layout drawing must be matched between up and down
2. Keep the sufficient space at both EXIT and ENTRANCE of escalator. The width must be less than 1238. The depth from handrail belt reversed end to the front obstacle must be not less than 2500.
3. Space between handrail belt of escalator and obstacle must be not less than 500.
4. Motor AC 380 V 50 HZ. See in the table.
5. By the user to provide a grounding resistance of less than 4 ohms.
6. Provide by user to the main switch of the power requirements of 3 phases 5 wires.
7. All the dimensions are measured by MM.

12° Moving walk construction layout drawing



Motor capacity (kW)	Traveling height H		Traveling height H	
	1000-3000	5.5	1000-3200	5.5
	3000-4000	7.5	3300-4200	7.5
	4100-4200	8	4300-4400	8
	4300-6800	11	4500-7000	11
	6900-9000	15	7100-9200	15
Center supporting height H1	When the traveling height 2600<H<5800, we need to use one center support. And supporting height is $H1=H/2-780$.			
Center supporting height H1 Center supporting height H2	When the traveling height 5800<H<7800, we need to use two center supports. The traveling height of first one is $H1=H/3-881$, and second one is $H2=2H/3-681$.			
Power supply User needs to supply 380V AC 50Hz three-phase five-wire power supply. Voltage should ≤ 10 when moving walk at the start and the voltage should be ≤ 5 in normal operation. Maximum starting current should less than 3.5 times of rated current.				

Technical notes		
Dip angle α	12°	
Speed V	0.5m/s	
Step width A	1000	800
Handrail inner side distance B	1158	958
Handrail center distance C	1238	1038
Moving walk outside width D	1600	1400
Supporting beam length E	1660	1460
Exterior barrier width F	2310	2110
Pit width G	1660	1460
Support opposite force R1 [kN]	0.009xL1+22	0.0078xL1+19
Support opposite force R2 [kN]	0.009xL2+10	0.0078xL2+9
Support opposite force R3 [kN]	0.0117x [L1+L2]	0.01014x [L1+L2]
Support opposite force R4 [kN]	0.0117x [L2+L3]	0.0104x [L2+L3]

1. When the moving walk is installed in the second floor and above, pit is canceled. And the bottom and top of construction should be symmetrical. 2. sufficient unblocked space is needed at entrance and exit of moving walk. The width should not less than 1310 and the depth from handrail belt swerving edge to any barrier should not less than 2500. 3. the distance between moving walk and any barrier should ≥ 500 . 4. User needs to supply a earth connection equipment with resistance less than 4 ohm. 5. When the traveling height $H \leq 2600$, cancel to support R3, R4. 6. When the travelling height $2600 < H \leq 5800$, we only need to support R3 and $L1=L2=L/2$. 7. When the traveling height $5800 < H \leq 7800$, we only need to support R3, R4 and $L1=L2=L/3$. 8. This plan is current 12° standard moving walk construction size. If the construction can not be executed, please contact Technology Department of HSEE Elevator Co., Ltd. 9. The unit in this plan millimeter. We reserve right to change without prior notice.