

National free service hotline

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XIWEI

—
TO LEAD
THE INTELLIGENT
ELEVATOR ERA

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XIWEI ELEVATOR JIANGSU CO., LTD.

TO CREATE
A BETTER WAY
OF BUILDING

TRANSPORTATION





Floor area
120000m²

Annual production
capacity
20000 sets



About XIWEI

XIWEI Elevator is one of the most powerful elevator and escalator manufacturers and service providers. We are committed to providing customers with safe and reliable products, solutions and services in the field of building transportation and constantly creating values for customers.

The company's headquarters factory is located in the beautiful ancient city of Sishui River--Siyang of Jiangsu Province, with an area of 120,000 square meters and 20,000 pieces annual production capacity. The company has passed many QS certifications such as ISO9001, ISO14001, OHSAS18001, etc. All products have obtained CE certification which match European applicable standards. With excellent products and service, XIWEI's products sell well in domestic and overseas markets and highly trusted by global customers.





*Intelligent manufacturing
efficient and flexible production*

XIWEI Elevator introduces world first-class manufacturing equipment and adopts international leading information software to form a complete lean production system. The product quality meets and exceeds the procurement standards of many countries in the world.

At the same time, it attempts to maximize the efficiency of every employee and achieve flexible production and rapid delivery through the analysis and optimization of production flow and continuous training for employees.



Optimal components safe and reliable products

XIWEI Elevator strictly selects three major components of high standard configuration to create reliable elevator products, which makes passenger transportation safer and more efficient in busy cities.

More protection

Safety protection devices, such as safety tongs, speed limiters, and buffers, are locked around each other, providing multiple protection for passengers at all times, making passengers more comfortable.



Traction system

Driven by a new permanent magnet gearless traction machine, it has strong power and quiet operation. It has good effects of suppressing harmonic noise and reducing vibration, so that passengers have a peaceful and comfortable ride.



Door-motor system

The VVVF full digital frequency conversion door machine automatically decelerates in the post-closing stage, and the speed regulation is smooth and precise, which makes the switch door smoother and quieter.



Control system

The new control system integrates logic, safety, drive, power supply and other loop control, and has superior anti-interference ability and software and hardware fault-tolerant design to prevent accidents.





Customized design

Analyze the demand of passenger flow in building, provide technical support and reasonable customization solutions, such as professional hoistway planning and product configuration.



Professional installation

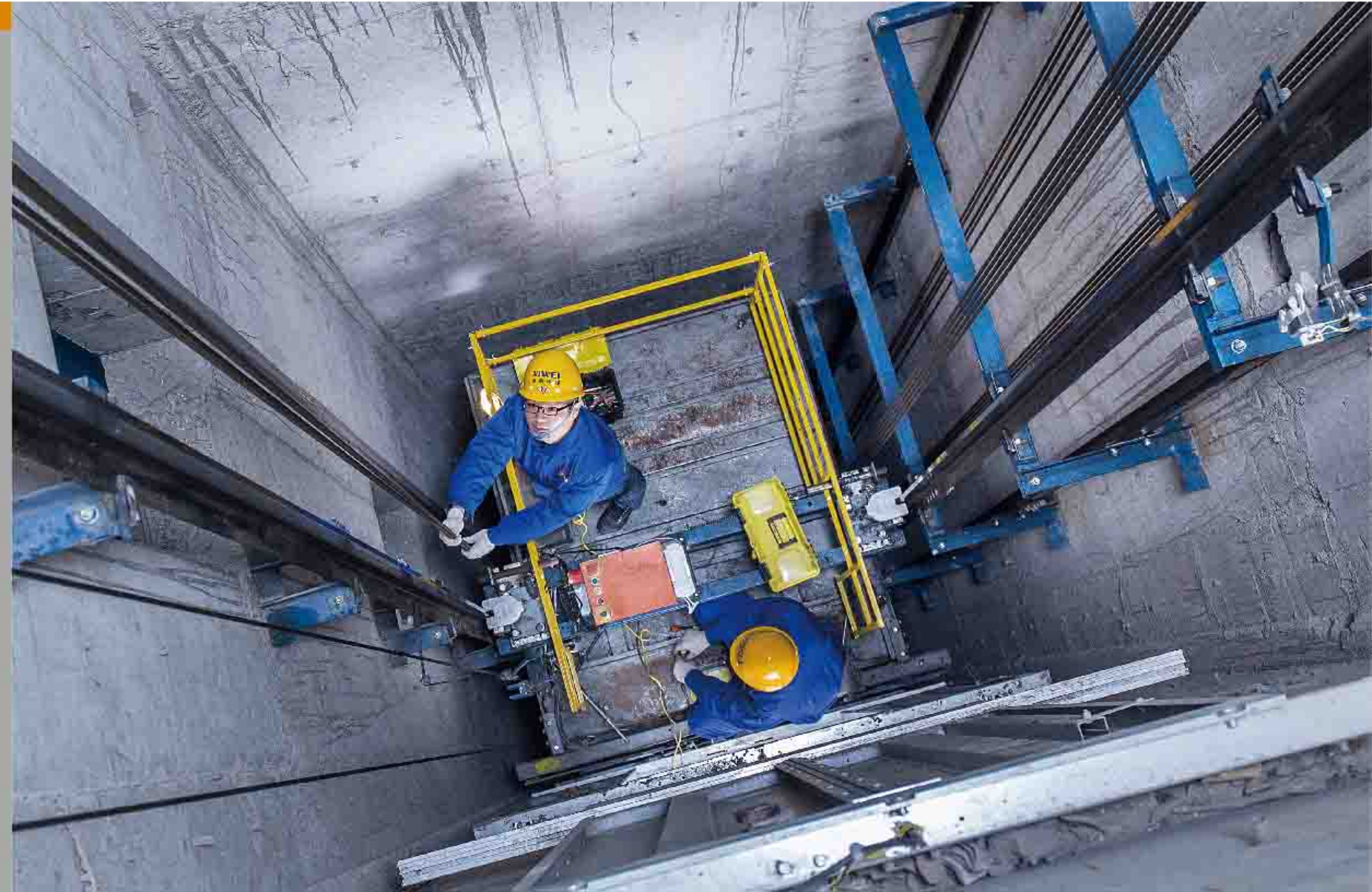
Professional engineering team, rich experience and scientific project management process can ensure the rapid and safe installation and delivery of your project.

Scientific maintenance

Provide reasonable maintenance plan and equipment maintenance plan according to your needs and equipment status.

Full-range service trustworthy partner

From product design to manufacture, logistics, installation, delivery and use, XIWEI Elevator's intimate service throughout the product's life cycle ensures that you are relaxed and at ease in the whole process.



Small machine room passenger elevator



XIWEI 3300P small machine room elevator has outstanding performance in operation performance, safety function, structural design, energy saving and consumption reduction, which can be widely used in residential buildings, office buildings, hotels and other modern buildings.

Stable and quiet

Lower motor speed can reduce the elevator noise and make the elevator run more smoothly.

Energy saving

PMS gearless machine can realize the lower energy consumption and higher efficiency.

Compact structure

The area of the machine room is reduced by 40% compared with the traditional traction elevator, which can reduce the comprehensive use cost of the building.

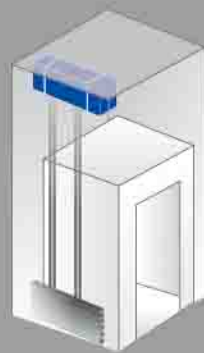


Small machine room



Machine roomless passenger elevator

XIWEI 3300L machine roomless passenger elevator integrates the elevator control cabinet and drive system into the hoist-way and completely releases the space occupied by the machine room, which is suitable for high-rise residential buildings, small high-rise residential buildings, business building, hotels and other places with higher requirements for civil construction.



Machine roomless



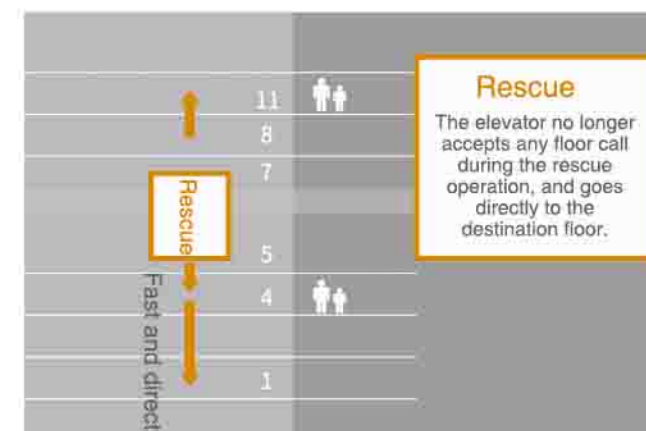
3300D stretcher elevator

XIWEI stretcher elevator not only has the ordinary passenger function, but also meets the needs of emergency transportation of patients, which opens up a safe and green life channel for your residence.



Increased and lengthened car

It can meet the entry and exit requirements of emergency stretcher, folding ambulance stretcher and soft stretcher.



Stretcher first aid function

It can directly reach the urgently needed floor, and does not respond to the outside call in the midway and displays "emergency use of stretchers".

Home elevator

XIWEI home elevator integrates the advantage of quiet and comfortable, safe and reliable, environmentally friendly and energy-saving, easy to install, etc. It not only enhances the quality of private residences, but also provides convenience for the elderly and disabled people to go up and down the building.



Small occupation, no special hoist-way, rapid installation, and no increase in construction cost. Dedicated main machine, quiet operation, energy saving. Various door opening methods and can also be specially designed according to customers' demand. Various styles of car decoration for your option and can be customized according to residential style.

Power-off protection functions

The steel strip break self-checking device prevents accidents from happening. The compound steel strip structure ensures the safety of elevator when a steel strip breaks or becomes loose in an accident.



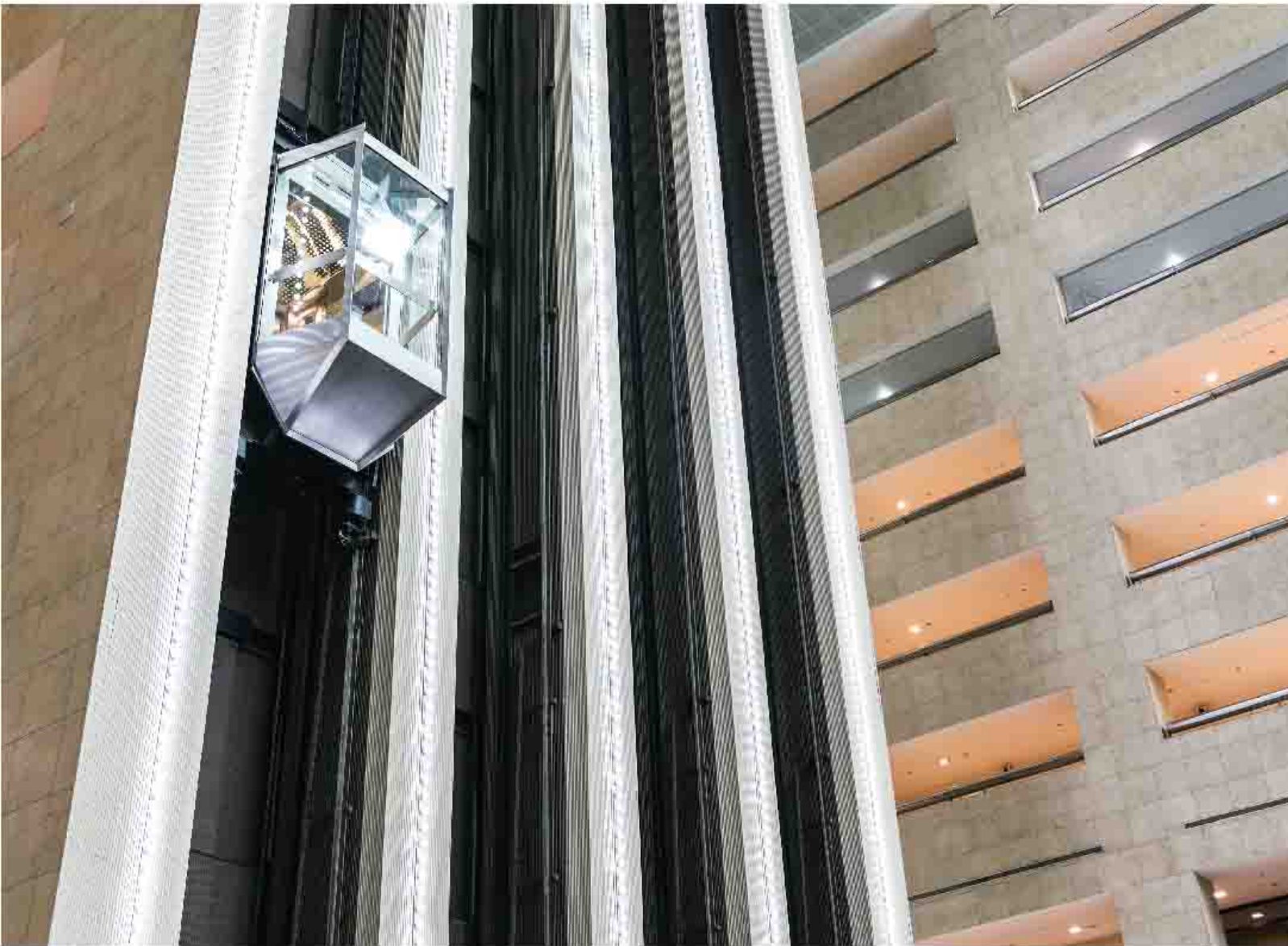
Compound steel strip



Traditional steel rope

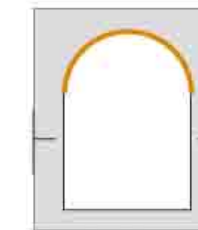


Panoramic elevator

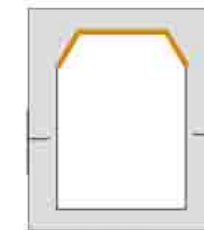


Rich styling

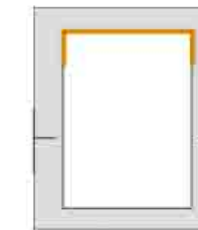
Square, circular and polygon tempered glass structure guard in beautiful styling enable you to enjoy the landscape outside the elevator from multi-angles.



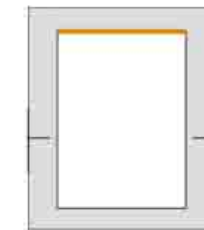
Semicircular



Diamond



Square



Outlook type

XIWEI panoramic elevator not only meets the demands of passengers but also endows the elevator with a fashionable and flexible appearance, thus making the building a dazzling landscape in the city. It is widely applicable for various public buildings and places in the cities such as the hotel, office building, shopping center, etc.

High quality observation wall

It uses high security laminated glass with good permeability, so that you feel the world unprecedentedly open and clear.



Medical elevator

XIWEI medical elevator adopts the leading technology, humanization design, comfortable and safe environment to bring the most intimate care for patients and medical staff and perfectly service the modern hospitals, medical centers, sanatoriums and other places.

Humanization design

Large handrails, large display screen, braille buttons and other details of the design and a variety of opening ways provide convenience for doctors and patients.

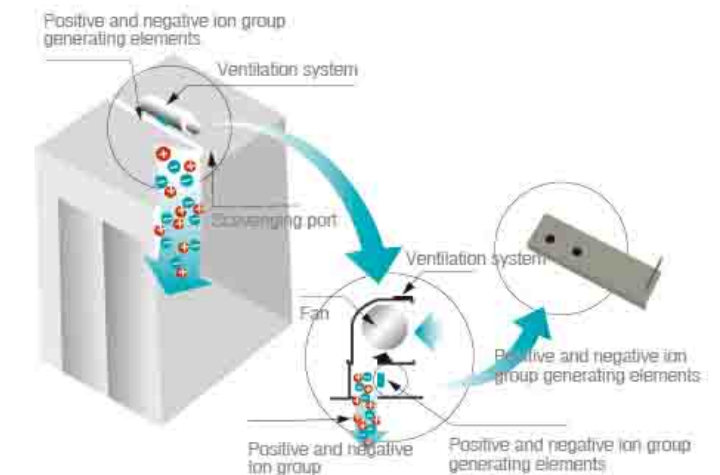
Electromagnetic compatibility

It can prevent the medical devices from the electromagnetic interference of the elevator signal and meet the requirement of medical system.



Ultraviolet automatic sterilization

When the elevator is in no-load, the ultraviolet sterilization device is automatically activated to effectively kill bacteria and ensure the cleanliness of the car and the health of users.

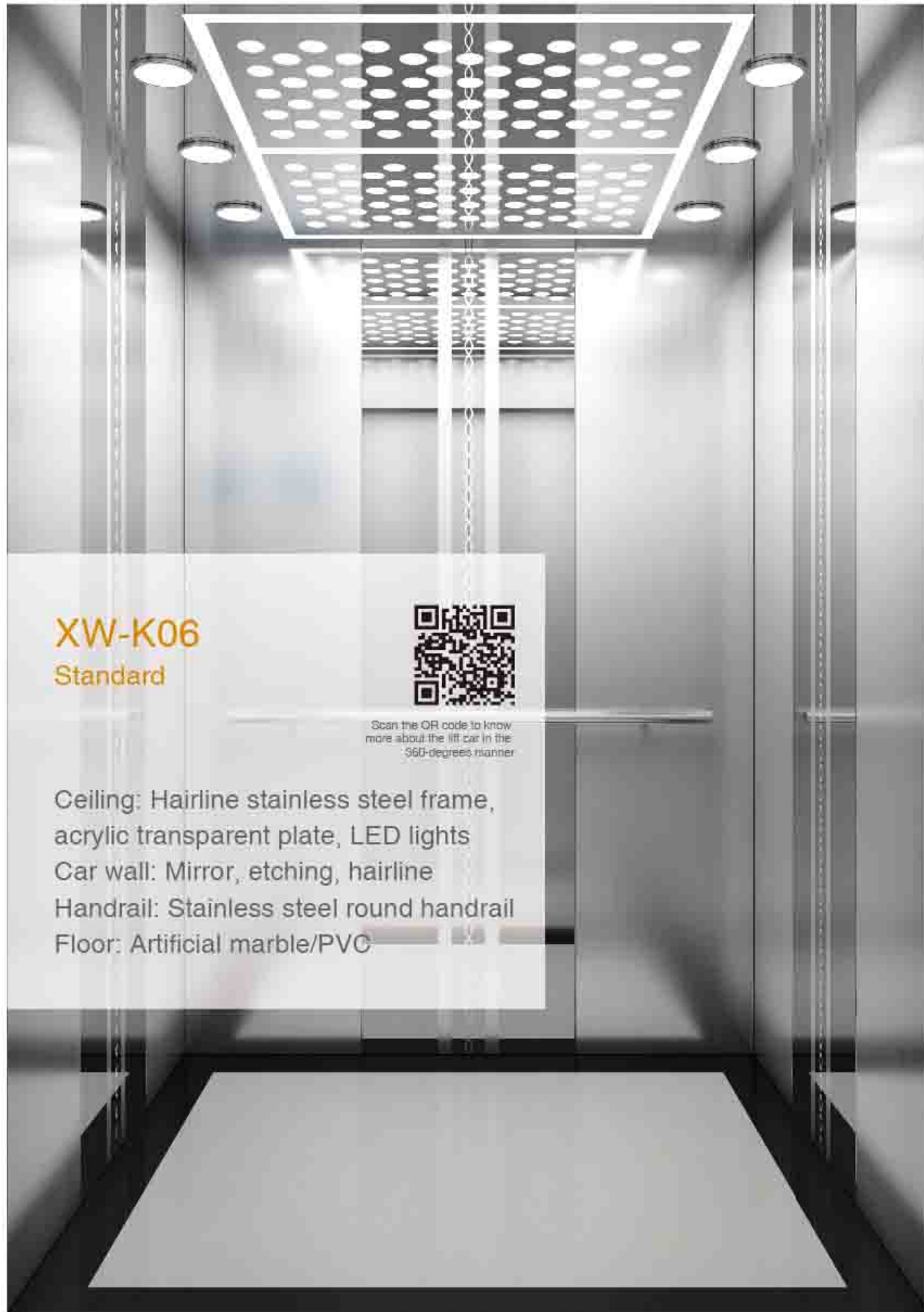


Delay closing button

One button to extend the closing time allows medical staff, especially those with disability to enter safely.



Passenger elevator car



XW-K06
Standard



Scan the QR code to know more about the lift car in the 360-degree manner

Ceiling: Hairline stainless steel frame, acrylic transparent plate, LED lights
Car wall: Mirror, etching, hairline
Handrail: Stainless steel round handrail
Floor: Artificial marble/PVC

XW-K07 Standard

Ceiling: Hairline stainless steel frame, LED lights
Car wall: Mirror, etching, hairline
Handrail: Stainless steel round handrail
Floor: Artificial marble/PVC



Scan the QR code to know more about the lift car in the 360-degree manner

XW-K08 Standard

Ceiling: Hairline stainless steel frame, LED lights
Car wall: Mirror, hairline
Handrail: Stainless steel round handrail
Floor: Artificial marble/PVC



Scan the QR code to know more about the lift car in the 360-degree manner



Passenger elevator car

XW-K010

Optional

Ceiling: Titanium gold stainless steel craft, acrylic transparent plate, LED lights
Car wall: Mirror, etching, titanium gold
Floor: Polished tile or PVC

XW-K013

Optional

Ceiling: Rose gold mirror craft, acrylic transparent plate, LED lights
Car wall: Mirror, etching, rose gold
Floor: Artificial marble/PVC

XW-K014

Optional

Ceiling: Titanium gold stainless steel craft, acrylic transparent plate, LED lights
Car wall: Mirror, etching, titanium gold
Floor: Polished tile or PVC

XW-K015

Optional

Ceiling: Mirror stainless steel, acrylic transparent plate, LED lights
Car wall: Mirror, etching, titanium gold
Floor: Artificial marble/PVC



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Scan the QR code to know more about the lift car in the 360-degrees manner



Scan the QR code to know more about the lift car in the 360-degrees manner



Scan the QR code to know more about the lift car in the 360-degrees manner



Passenger elevator car

XW-K016

Optional

Ceiling: Rose gold mirror craft, LED lights
Car wall: Mirror, etching, rose gold
Floor: Artificial marble/PVC



Scan the QR code to know more about the lift car in the 360-degrees manner



XW-K025

Optional

Ceiling: Black titanium stainless steel made frame, acrylic soft light illumination design
Car wall: Mirror surface, black titanium, mirror surface stainless steel/etching
Front wall: Black titanium stainless steel
Floor: Artificial marble/PVC



Scan the QR code to know more about the lift car in the 360-degrees manner



XW-K026

Optional

Ceiling: Titanium stainless steel mirror frame with acrylic translucent panel
Car wall: Titanium stainless steel mirror etching in the middle, and titanium hairline stainless steel on two sides
Floor: Artificial marble/PVC



Scan the QR code to know more about the lift car in the 360-degrees manner



XW-K027

Optional

Ceiling: Titanium mirror stainless steel frame with arched translucent panel in the middle and LED down lamp on two sides
Car wall: Titanium mirror etching in the middle, titanium mirror stainless steel on two sides
Floor: Artificial marble/PVC



Scan the QR code to know more about the lift car in the 360-degrees manner



Passenger elevator car

XW-K028

Optional

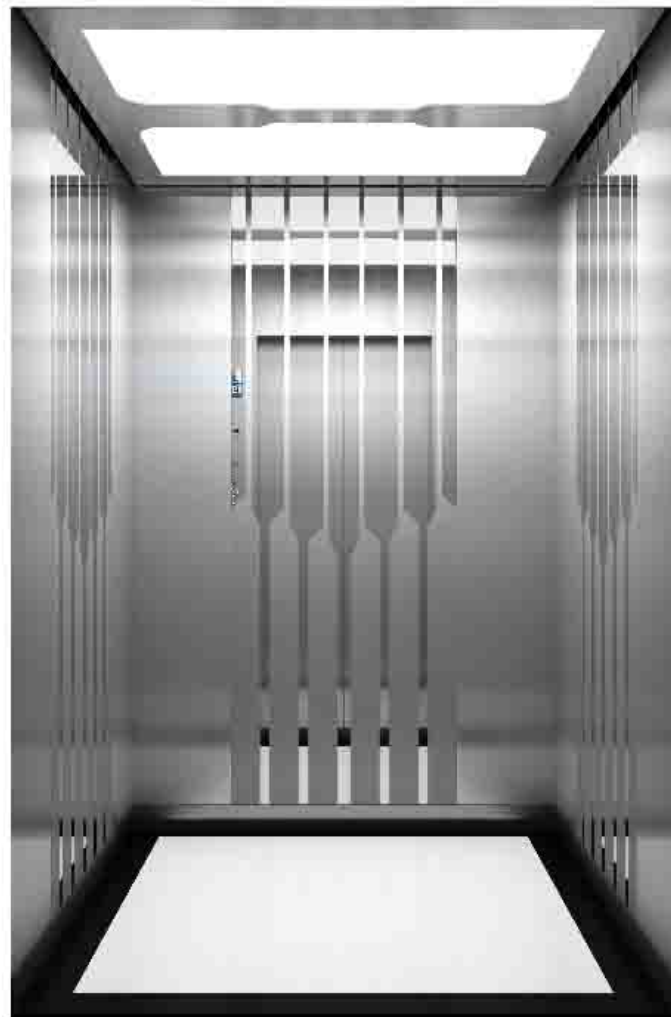
Ceiling: Stainless steel or metal stoving varnished frame, acrylic soft light illumination design

Car wall: Hairline stainless steel, mirror etched stainless steel

Floor: Artificial marble/PVC



Scan the QR code to know more about the lift car in the 360-degree manner



XW-K029

Optional

Ceiling: Hairline or mirror stainless steel frame with arched translucent panel in the middle and LED down lamp on two sides

Car wall: Stainless steel mirror etching in the middle, hairline stainless steel on two sides

Floor: Artificial marble/PVC



Scan the QR code to know more about the lift car in the 360-degree manner



Human-machine interface

XW-OK001

Standard (integrated)

Hairline stainless steel

XW-OK013

Optional (integrated)

Hairline stainless steel

XW-OK015

Optional (integrated)

Hairline stainless steel

XW-OK016

Optional (integrated)

Rose gold mirror stainless steel



XW-CK011B

Hairline stainless steel



XW-CK012

Hairline stainless steel



XW-CK013

Hairline stainless steel



XW-CK015

Hairline stainless steel



Panoramic elevator car

XW-GC01 Standard

Upper and lower guard: Baked enamel steel, acrylic lighting decoration
 Observation wall: 6+6 Safety glass panel (circle)-3 pieces
 Decoation roof: Circle board model and back with tube lamp for soft light illumination design
 Car wall: Hairline stainless steel
 Handrail: Stainless steel tube
 Floor: PVC

XW-GC02 Standard

Upper and lower guard: Stainless hairline-finished hollow steel plates and white transparent boards
 Observation wall: Three laminated safety glass
 Decoation roof: Hairline stainless steel frame, intermediate image line light transmitting plate
 Car wall: Hairline stainless steel
 Handrail: Stainless single tube
 Floor: PVC

XW-GC03 Optional

Upper and lower guard: Hairline stainless steel
 Observation wall: Laminated glass
 Decoation roof: Mirror stainless steel acrylic combination
 Car wall: Laminated glass
 Handrail: Stainless steel tube
 Floor: PVC

XW-GC04 Optional

Upper and lower guard: Baked enamel and lighting decoration
 Observation wall: Safety laminated glass (3pcs Half-round arc)
 Decoation roof: Baked enamel and acrylic lighting
 Car wall: Laminated glass
 Handrail: $\Phi 38$ st./st.
 Floor: PVC

XW-GC05 Optional

Upper and lower guard: Hairline stainless steel
 Observation wall: Safety laminated glass (3pcs Half-round arc)
 Decoation roof: White top board and down light
 Car wall: Hairline stainless steel
 Handrail: Three stainless steel tubes
 Floor: PVC

XW-GC06 Optional

Upper and lower guard: Creamy white acrylic decoration hood
 Observation wall: Safety laminated glass (3pcs Half-round arc)
 Decoation roof: Plastic jet steel plate / acrylic lighting decoration
 Car wall: Hairline stainless steel
 Handrail: Stainless steel double-tubes
 Floor: PVC



Home elevator car

XW-V01 Standard

Ceiling: Mirror stainless steel frame, acrylic
Car wall: Hairline stainless steel
Floor: PVC

XW-V03 Optional

Ceiling: Mirror stainless steel, laminating, LED down lamp
Car wall: Mirror stainless steel, laminated glass
Handrail: Die-casting alloy handrail
Floor: PVC

XW-V07 Optional

Ceiling: Mirror stainless steel, Acrylic panels for large area lighting in the center, LED
Car wall: Mirror stainless steel, Wood finish
Floor: PVC

XW-V08 Optional

Ceiling: Baking paint wooden board + mirror and titanium gold plated stainless steel + transparent marble
Car wall: Wooden grain decoration board (cherry) + mirror, etched and titanium gold plated stainless steel
Floor: PVC



Scan the QR code to know more about the lift car in the 360-degree manner



Decoration configuration

Note: The patterns above can also be processed into the natural color, ti-gold, gold in the recess, rose gold, champagne gold, titanium black (all optional).

Landing door series



XW-M01 **Standard**
Hairline stainless steel



XW-M02 **Standard**
Painted steel plate

Landing door series



XW-M09 **Optional**
Etching, hairline



XW-M10 **Optional**
Etching, hairline



XW-M03 **Optional**
Mirror, etching, hairline,
concave in ti-plated



XW-M05 **Optional**
Etching, hairline



XW-M11 **Optional**
Mirror, etching, hairline



XW-M12 **Optional**
Mirror, etching, titanium gold

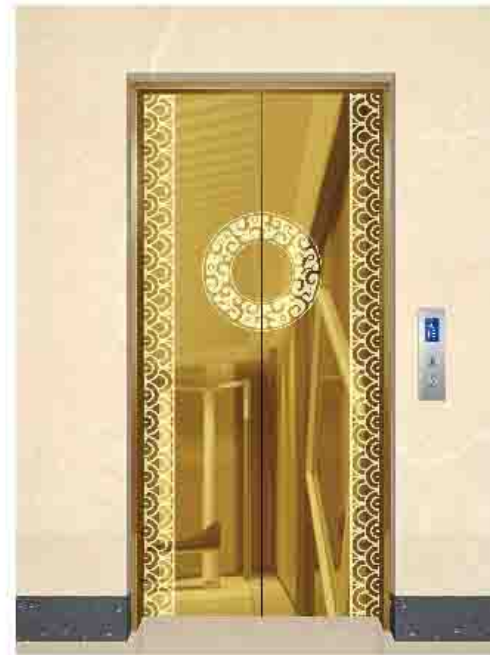
Decoration configuration

Note: The patterns above can also be processed into the natural color, ti-gold, gold in the recess, rose gold, champagne gold, titanium black (all optional).

Landing door series



XW-M13 **Optional**
Mirror, etching, titanium gold



XW-M14 **Optional**
Mirror, etching, titanium gold

Landing door series



XW-M16 **Optional**
Etching, mirror, rose gold



XW-M17 **Optional**
Etching, mirror, rose gold



XW-M15 **Optional**
Mirror, etching, titanium gold



XW-M06 **Optional**
Etching, mirror, rose gold



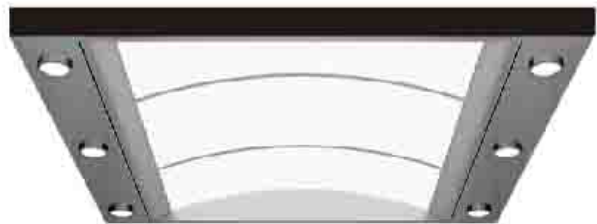
XW-M18 **Optional**
Etching, mirror, rose gold



XW-M19 **Optional**
Etching, mirror, rose gold

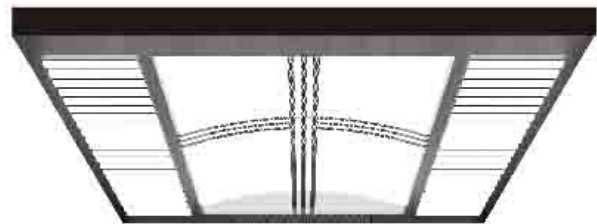
Decoration configuration

Ceiling



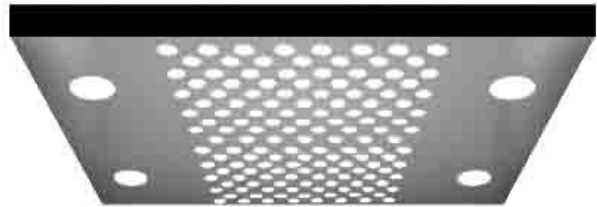
XW-DD01

Hairline stainless steel frame, acrylic decoration, LED lights



XW-DD02

Hairline stainless steel frame, acrylic decoration



XW-DD03 **Standard**

Hairline stainless steel frame, acrylic decoration, LED lights



XW-DD04

Titanium gold stainless steel, LED lights



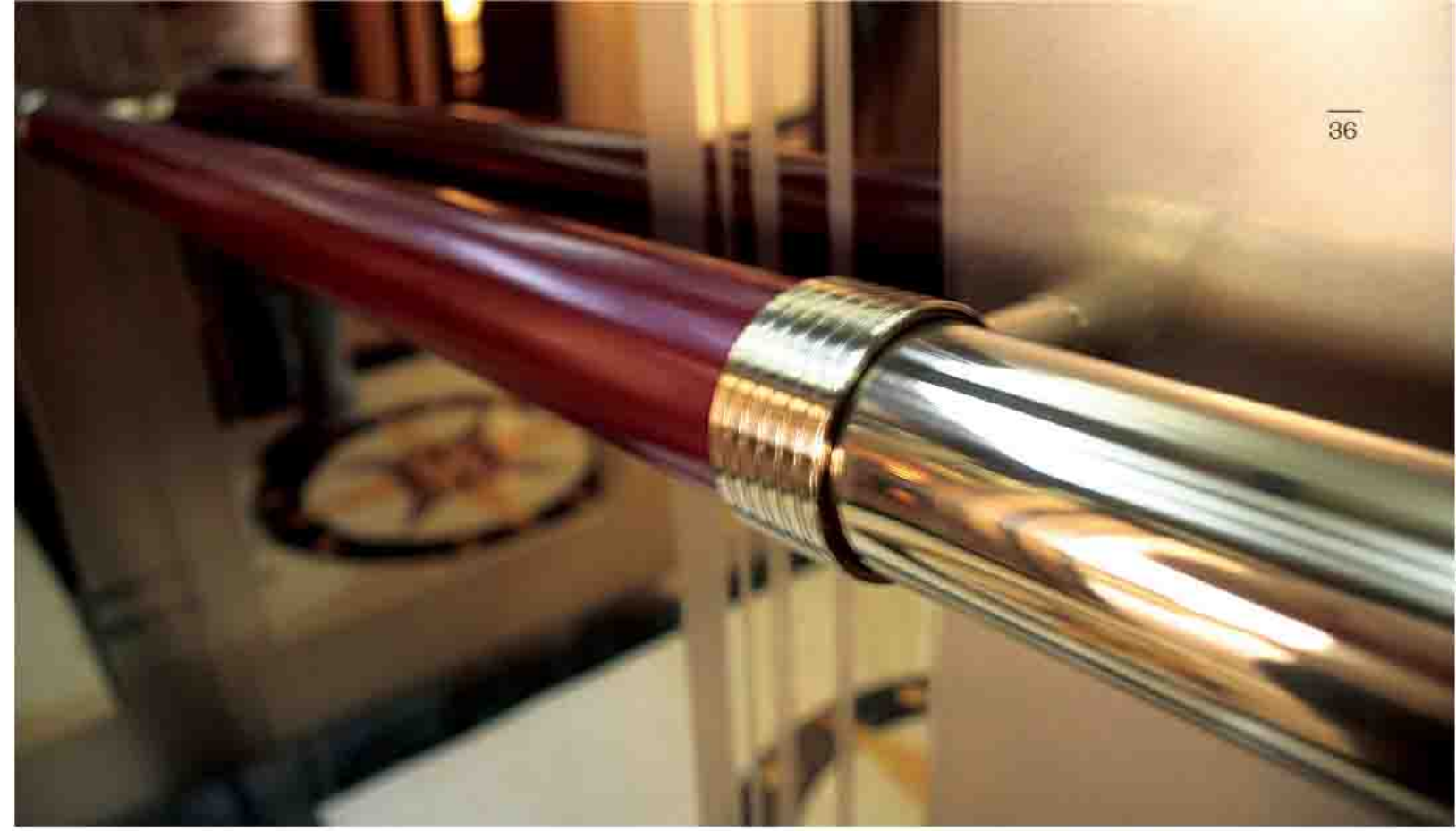
XW-DD05

Hairline stainless steel frame, acrylic decoration, LED lights



XW-DD06 **Standard**

Hairline stainless steel frame, LED lights



Handrail



XW-F01



XW-F02



XW-F03

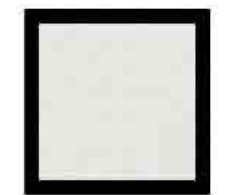


XW-F04

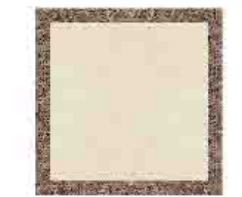
Floor



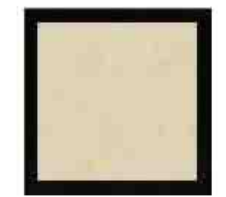
XW-DB06
Polished tile or PVC



XW-DB07
Artificial marble/PVC



XW-DB08
Artificial marble/PVC



XW-DB09
Artificial marble/PVC

Function table

● Standard Function ○ Optional Function

Name	Elevator actuation description	Configuration
VVVF drive	Motor rotating speed can be precisely adjusted to get smooth speed curve in lift start, travel and stop and gain the sound comfort.	●
VVVF door operator	Motor rotating speed can be precisely adjusted to get the more gentle and sensitive door machine start / stop.	●
Independent running	The lift can not respond to outer calling, but only respond to the command inside the car through the action switch.	●
Automatic pass without stop	When the car is crowded with the passengers or the load is close to preset value, the car will automatically pass the calling landing in order to keep maximum travel efficiency.	●
Automatically adjust door opening time	Door-open time can be automatically adjusted according to the difference between landing calling or car calling.	●
Reopen with hall call	In the door shutting process, press reopen with hall call button can restart the door.	●
Express door closing	When the lift stops and opens the door, press door-shut button, the door will be closed immediately.	●
Car arrival gong	Arrival gong in the car top announces that the passengers arrive.	●
Command register cancel	If you press the wrong floor command button in the car, twice continuous pressing of the same button can cancel the registered command.	●
Car stops and door open	The lift decelerates and levels, the door only opens after the lift comes to a complete stop.	○
Anti-nuisance	In the light lift load, when three more commands appear, in order to avoid the unnecessary parking, all the registered callings in the car will be cancelled.	○
Open the door in advance	When the lift decelerates and enters into door open zone, it automatically opens the door to enhance the travel efficiency.	○
Direct parking	It completely accords with distance principle with no crawling in the leveling. It greatly enhances the travel efficiency.	○
Duplex control	Two sets of same model lifts can unanimously respond the calling signal through the control system dispatch. In this way, it reduces the passengers' waiting time to the greatest extent and enhances the travel efficiency as well.	○

Travel function

Name	Elevator actuation description	Configuration
Photocell protection	In the door open and shut period, infrared light that covers the whole door height is used to probe the door protection device of both the passengers and objects.	●
Designated stop	If the lift can not open the door in the destination floor out of some reason, the lift will close the door and travel to the next designated floor.	●
Overload holding stop	When the car is overload, the buzzer rings and stops the lift in the same floor.	●
Anti-stall timer protection	The lift stops operation due to slippery traction wire rope.	●
Start protection control	If the lift does not leave door zone within the designated time after it gets started, it will stop the operation.	●
Inspection operation	When the lift enters into inspection operation, the car travels at inching running.	●
Fault self-diagnosis	The controller can record 62 latest troubles so as to quickly remove the trouble and restore the lift operation.	●
Repeated door closing	If the lift can not close the door due to certain obstacle or interference, the lift will reopen or re-shut the door until sundries are eliminated.	●
Up/down over-run and final limit protection	The device can effectively prevent from the lift's surging to the top or knocking the bottom when it is out of control. It results in more safe and reliable lift travel.	●

Safety function

Name	Elevator actuation description	Configuration
Down over-speed protection device	When the lift downs 1.2 times higher than the rated speed, this device will automatically cut off control mains, stop the motor running so as to stop lift down at over-speed. If the lift continues to down at over-speed, and the speed is 1.4 times higher than rated speed, safety tongs act to force the lift stop in order to ensure the safety.	●
Upward over-speed protection device	When the lift up speed is 1.2 times higher than rated speed, the device will automatically decelerate or brake the lift.	●

Safety function

Name	Elevator actuation description	Configuration
Emergency car lighting	Emergency car lighting automatically activated once power failure.	●
Inching running	When the lift enters into emergency electric operation, the car travels at low speed inching running.	●
Five way intercom	Communication amid car, car top, lift machine room, well pit and rescue duty room through walkie-talkie.	●
Bell	In emergency conditions, if bell button above car operation panel is continuously pressed, electric bell rings on top of the car.	●
Fire emergency return	If you start key switch in main landing or monitor screen, all the callings will be cancelled. The lift directly and immediately drives to the designated rescue landing and automatically opens the door.	●
Leveling when power failure	In normal power failure, the chargeable battery supplies the lift power. The lift drives to the nearest landing.	○

Emergency function

Name	Elevator actuation description	Configuration
Micro-touch button for car call and hall call	Novel micro-touch button is used for operation panel command button in the car and landing calling button.	●
Floor and direction indicator inside car	The car shows the lift floor location and current travel direction.	●
Floor and direction indicator in hall	The landing shows the lift floor location and current travel direction.	●
Voice announcer	When the lift normally arrives, voice announcer informs the passengers about the relevant information.	○
Car assistant operation box	It is used in the large loading weight lifts or the lifts with crowded passengers so that more and more passengers can use the car.	○
Operation box for the handicapped	It is convenient for the wheelchair passengers and those who have vision problems.	○
Intelligent calling service	The car command or hoist-way calling can be locked or connected through special Intelligent Input.	○

Man-machine interface

Name	Elevator actuation description	Configuration
Car ventilation, light automatic shut off	If there is no calling or command signal within the stipulated time, the car fan and lighting will be automatically closed in order to save the energy.	●
Remote shut-off	The lift can be called to main landing (after finishing the service) through the key switch and automatically exists the service.	●

Energy-saving function

Name	Elevator actuation description	Configuration
Remote monitor	The lift long-distance monitor and control can be fulfilled through modem and telephone. It is convenient for the factories and service units to timely know the travel conditions of every lift and promptly take the corresponding measures.	○
Camera function in the car	The camera is installed in the car to monitor the car conditions.	○

Monitor function

Escalator

XIWEI escalator provides perfect solutions for public transportation places such as shopping malls, stadiums, flyovers, subways, stations and airports with its superior carrying capacity. The product can fully satisfy the operation requirements of large passenger flow and long time.



High quality and durability

The truss is made of high quality angle steel with high strength and strong corrosion resistance. The large diameter cascade pulley runs smoothly, which eliminates noise and prolongs service life.

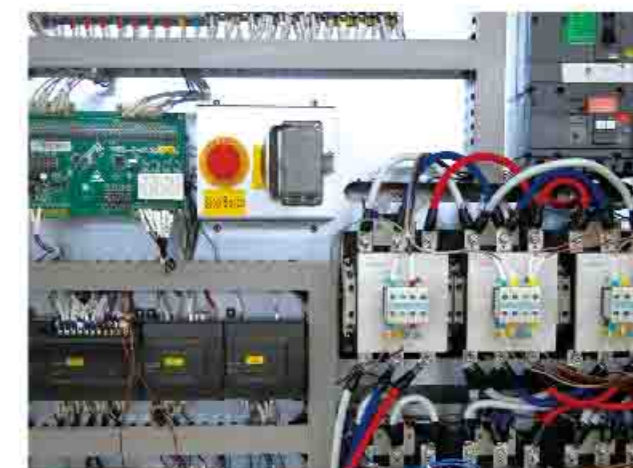


Exquisite and beautiful

The overall structure design is compact, adaptable to all kinds of installation environment, flexible and changeable. The rich decoration selection system creates a more superior visual experience.

High efficiency and intelligence

Intelligent control system can automatically adjust the operation mode according to the flow of people, so as to reduce the cost of energy consumption and effectively improve the service life of the equipment.





Moving walk

XIWEI moving walk can provide reasonable level and inclined passenger flow transportation plan for public buildings such as shopping malls, exhibition halls, stations and airports, etc. which not only brings passengers a safe and comfortable ride experience, but also adds elegance to modern architecture.

Comfortable ride

The world's leading manufacturing technology has greatly improved the performance of the product, so as to make the ride comfortable and smooth and reduce the noise in operation.

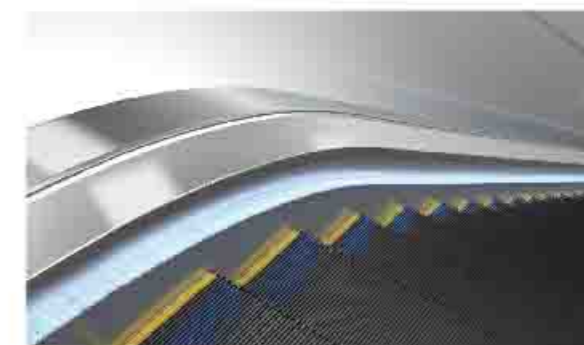
Compact structure

The innovation of pedal design and connection way makes the whole machine more compact and suitable for the varied architectural layout.



Green environmental protection

It adopts frequency conversion drive technology and controls the operation mode according to passenger flow, which greatly reduces the operation cost. The use of LED lighting device effectively reduces the overall energy consumption.



Standard functions



Handrail inlet

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



Automatic oiling

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



Step chain-roller inbuilt

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

Fault display

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

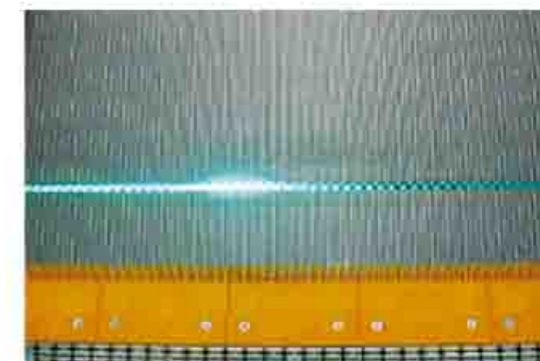
Variable frequency driving-VVVF

The sensor is near the floor plate to detect the approaching of passengers and it will run at normal speed. It will automatically low speed running when all the passengers leave the escalator.



Demarcation lamp

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

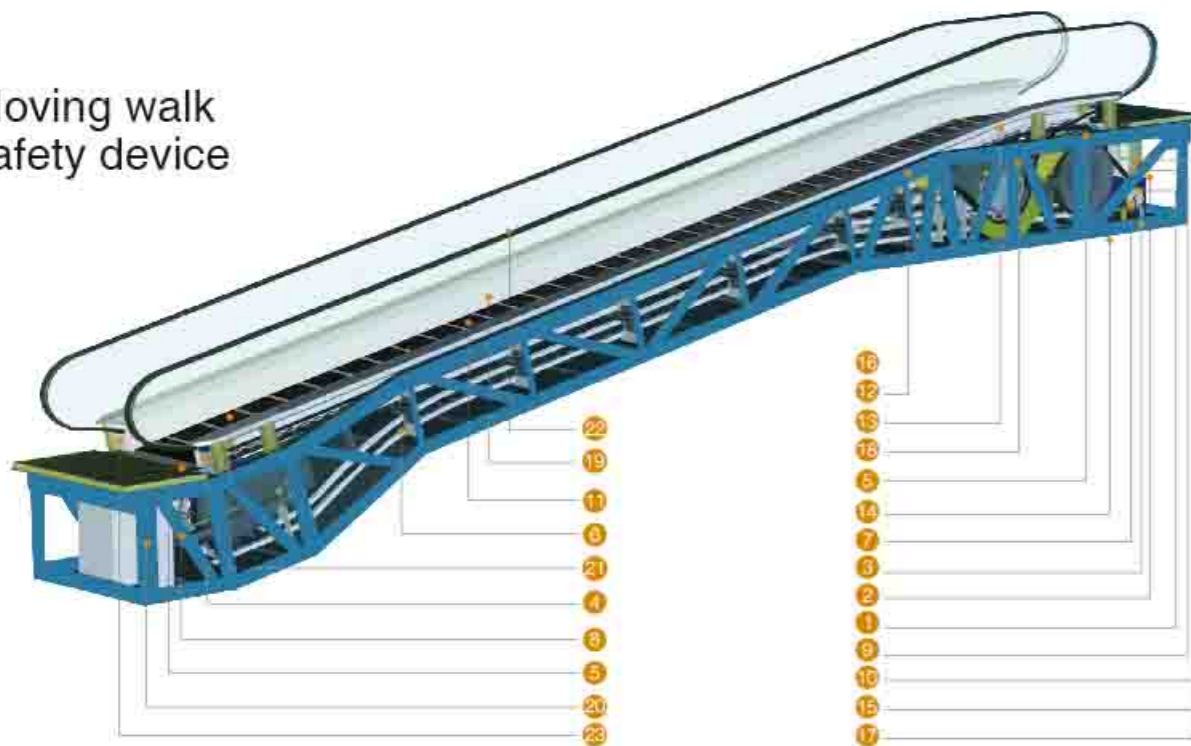


Safety device

Escalator safety device



Moving walk safety device



Function	Description of functions
1.Lack of phase, error phase protection	If lack of phase or error phase has been checked out, the escalator (moving walkway) will automatically stop the operation.
2.Motor over-load protection	When the current exceeds 15% of the current rating, the escalator will automatically stop the operation.
3.Electrical appliance loop protection	It offers the automatic circuit disconnecting device to protect the circuit and mains components of the escalator (moving walkway).
4.Handrail inlet protection	When some foreign substance has been clipped in the handrail inlet, the escalator (moving walkway) will automatically stop the operation.
5.Comb plate safety device	When some foreign substance has been clipped in or between the combs, the escalator (moving walkway) will automatically stop the operation.
6.Step sagging protection device	When there is abnormal step bending, the escalator (moving walkway) will stop the operation before the step entering into the comb plate.
7.Broken drive-chain safety device	When the drive-chain has been over-stretched or it is broken, the escalator (moving walkway) will automatically stop the operation.
8.Broken step chain protection	When the step (plate) chain has been over-stretched or it is broken, the escalator (moving walkway) will automatically stop the operation.
9.Over-speed protection	When there is over-speed to the escalator (moving walkway), it will automatically stop the operation.
10.Direction reversal protection	When it comes the unintentional reversal of the direction of travel, the escalator (moving walkway) will automatically stop the operation.
11.Security line	The yellow synthetic resin security line is located in the front position and two sides of the escalator tread so that the passengers will not tread in-between the edge of the adjacent step and the lift group lengthened skirt panel. The security line on both sides of the step is higher than the tread surface. (The moving walkway offers the selective yellow spray-painted security line.)
12.Emergency stop button	When the button has been pressed down, the escalator (moving walkway) will stop the operation.
13.Skirt panel protection	When some foreign substance has been clipped in between the skirt panel and the step, the escalator (moving walkway) will automatically stop the operation.
14.Brake protection	When the electric force falls short of supply or it acts any of the safety device, the brake function goes into effect by the safety device through the spring resilience action. In this way, the escalator (moving walkway) stops the operation.
15.Safety inspection switch	It is a safety device to prevent from the escalator starting during the inspection and maintenance.
16.Step illumination	Illumination exists in the upper and lower ends of the escalator, in the lower part of the step in order to remind the passengers of the security matters.
17.Alarm bell starting device	The alarm bell rings when it starts the escalator in order to remind the passengers of the security matters.
18.Control device for handrail breakage	When the handrail is broken, the escalator will automatically stop the operation.
19.Skirt panel brush	The brush that has been installed between the skirt panel and the step will prevent the passengers from touching the skirt panel. (It is not merely restricted to the escalator.)
20.VVVF variable frequency energy-saving system	When chooses the frequency converter, it can effectively reduce the energy consumption.
21.Comb illumination	The illumination has been installed in the skirt panel near the comb plate. It offers the lighting for the step and the comb plate. It is more convenient for the passengers to up and down the escalator.
22.Handrail illumination	The handrail illumination has been installed in the handrail frame. The gentle light adds charm to the running escalator.
23. Automatic start / stop	The infrared ray sensor which is near the floor plate can detect the passenger that enter into the floor plate. Then it will automatically start the operation. After all the passengers leave, it will automatically stop the operation again in order to save the energy loss. Soanning sensor and traditional guide rod are available for your choice.



Machine room freight elevator

Delay closing button

We can manually adjust the opening time and meet the load and unload demand of mass goods by pressing the delay closing button.

Multi-folding car

It can maximum opening width and facilitate the entry and exit of goods.

XIWEI freight elevator fully considers the site transport conditions and the maximum load-bearing range and is able to take on the heavy responsibility with its solid structural design and strong carrying capacity.



Machine roomless freight elevator

XIWEI machine roomless freight elevator adopts small size permanent magnet synchronous gearless traction machine to realize the machine roomless construction and save building space.

It uses high hardness materials, widen and increase the car and promote the capacity tonnage and carrying efficiency in the optimization of the car design.

It uses high-strength sheet bending molding technology to increase car load-bearing performance, which is solid and durable, and it's safer for people and goods.

With digital frequency conversion technology, the speed of delivery can be adjusted in real time to realize the smooth transportation of people and cargo.

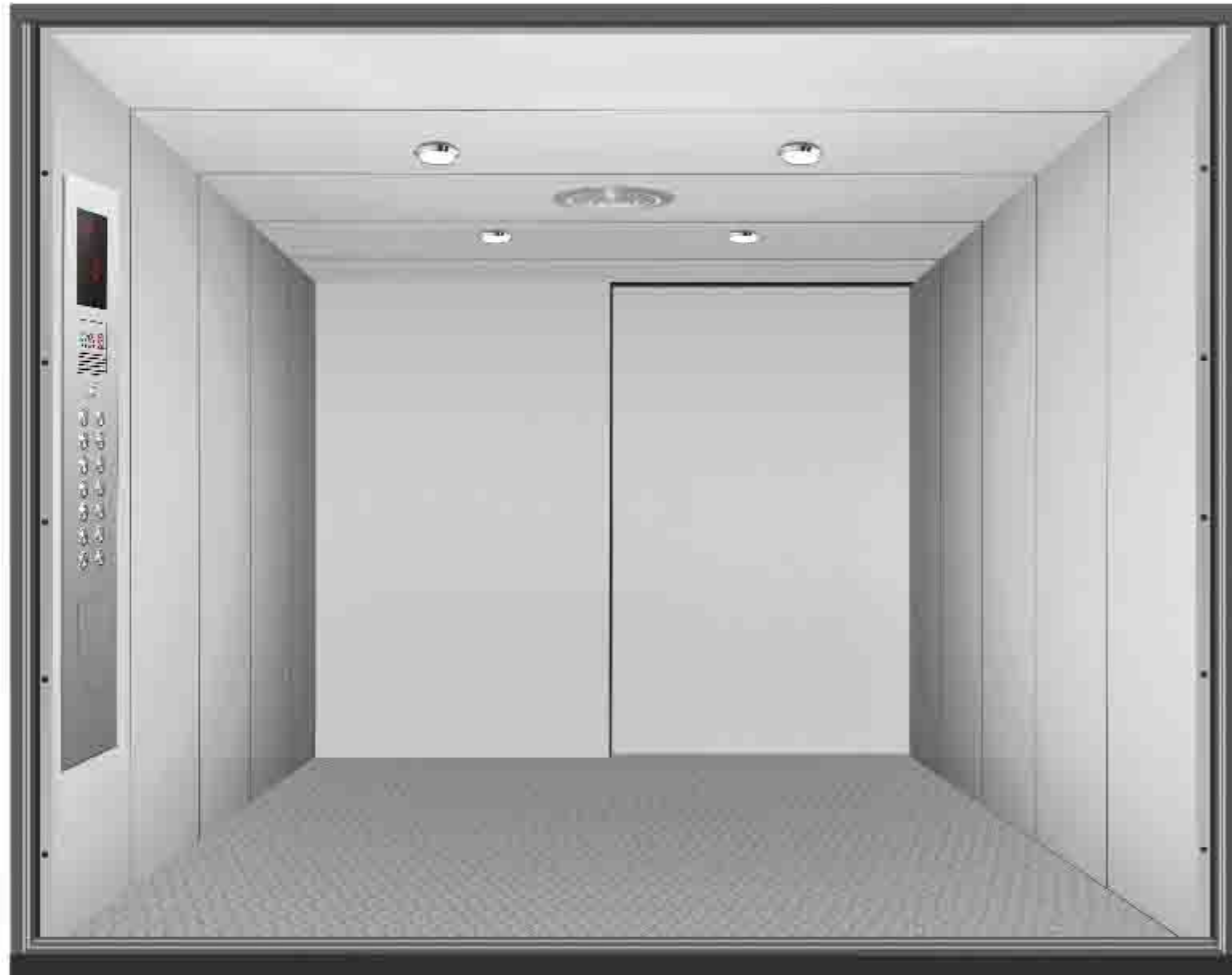


Light curtain protection system

It can make a quick and sensitive response to anyone or anything that enters the scope of its detection and effectively ensure the safety of people and goods.

Freight elevator decoration

Car decoration



XW-HC01 **Standard**

Car ceiling: Painted steel (Light gray) Car floor: Checkered steel plate
 Car wall/car door: Painted steel (Light gray) Door opening mode: Side opening
 C.O.P: Hairline stainless steel

Optional colors



XW-CS01
Light Camel (standard)



XW-CS02
Light gray 350 (optional)

COP/HOP

The car operation panel (COP) is designed according to human body. The operation of the COP is easy. The delicate floor indicator will display all kinds of numbers and symbols.



XW-OH01
Standard



XW-CH02

Note: If you have special requirements, please kindly contact XIWEI Elevator Company

Landing door series



XW-HL101 **Standard**

Side opening
 Landing door: Painted steel (Light gray)
 Jamb: Painted steel (Light gray)



XW-HL102 **Optional**

4-panels center opening
 Landing door: Painted steel (Light gray)
 Jamb: Painted steel (Light gray)

Dumbwaiter elevator

XIWEI dumb waiter is small and flexible to install, which is widely used in hotels, restaurants, residential buildings, banks, hospitals, libraries, laboratories, post and telecommunications departments, etc. It can efficiently transfer all kinds of necessary goods for people.

It can be installed with hoist or not. Industrial PLC computer control, stable and efficient. Various specifications such as windows and landing type for your option and the opening way can be customized. Multiple replacement and repeated installation and use.



Car elevator

XIWEI car elevator is designed with full consideration of the large space and large load required for the whole assembly and unloading of the vehicle. The product performance is reliable and the parking is flexible. It is suitable for the 4S stores, roof parking lot of stores and maintenance shop, etc.

Humanization design

The double control box setting in the box can be operated freely in the vehicle. Double doors opening is convenient for in and out.

Safety guide device

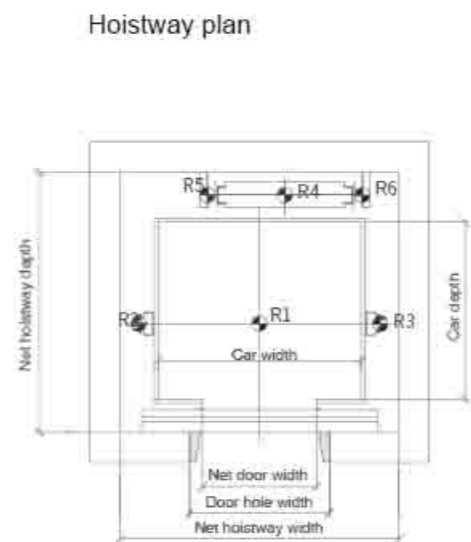
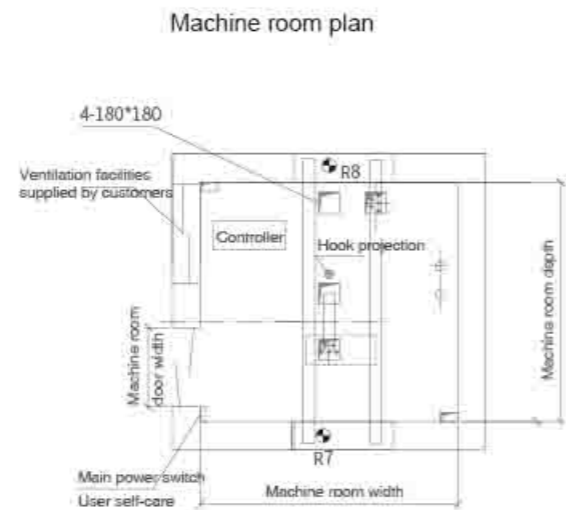
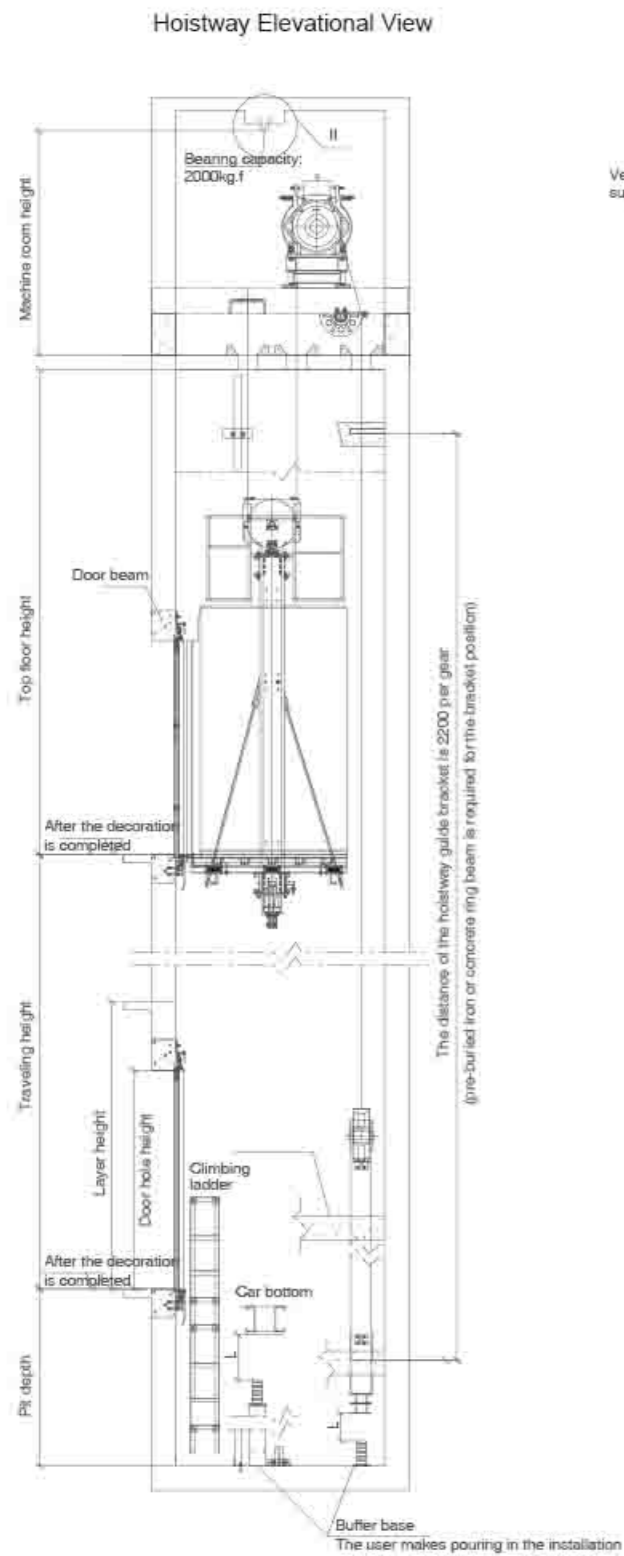
It ensures the safety of the elevator and car.

Arrival display system

The use of a special circuit control and display system not only facilitates the driver in the car, but also facilitates the driver outside the car.



Small machine room elevator construction sketch



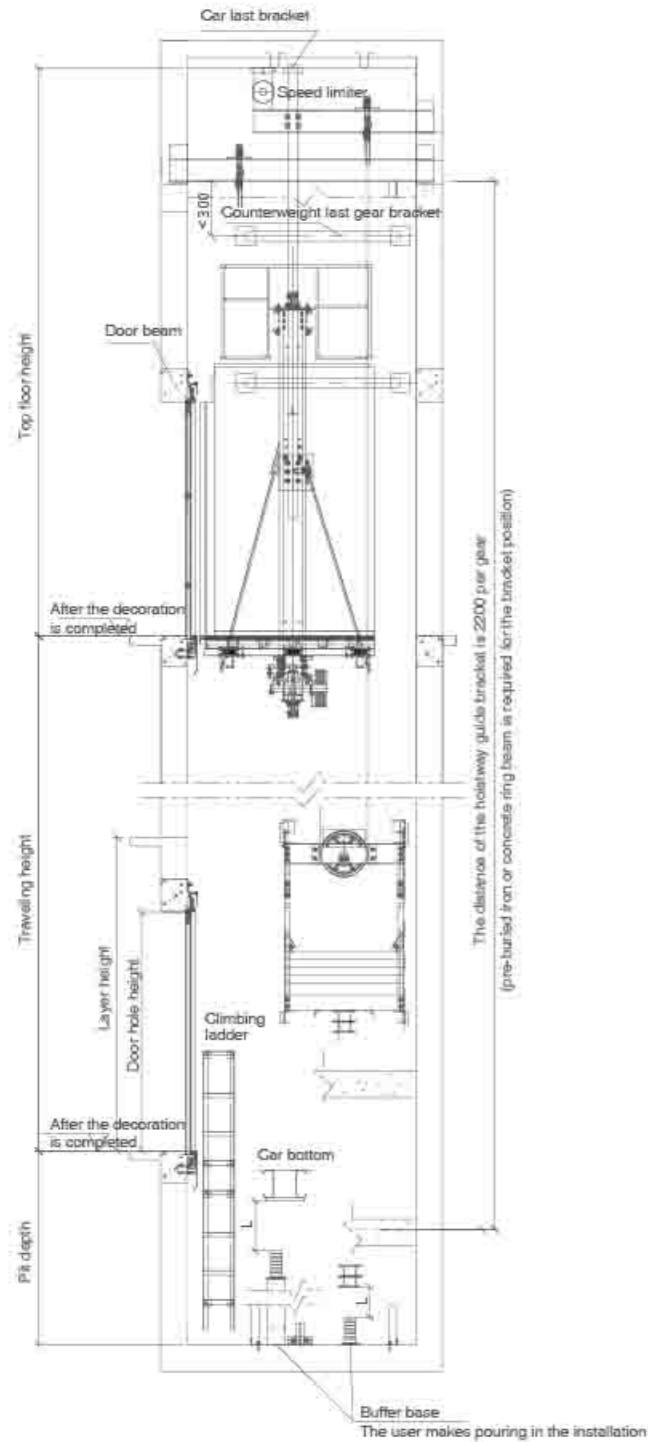
Small machine room elevator parameter list

Model	Rated capacity		Rated speed	Car size		Net door size		Net hoistway size				Machine room		
	Kg	Persons		CA	GB	M	HH	AH	BH	PP	OH	AM	BM	MH
GRK	450	6	1.0	1200	1100	700	2100	1900	1700	1500	4200	1900	1700	2200
			1.75							1700	4500			
	630	8	1.0	1300	1200	800	2100	2000	1800	1500	4200	2000	1800	2200
			1.75							1700	4500			
	800	10	1.0	1400	1350	800	2100	2000	2000	1500	4200	2000	2000	2200
			1.75							1700	4500			
			2.0							1800	4900			
			2.5							2200	5000			
	1000	13	1.0	1600	1400	900	2100	2200	2200	1500	4200	2200	2200	2200
			1.75							1700	4500			
			2.0							1800	4900			
			2.5							2200	5000			
	1150	15	1.0	1700	1500	900	2100	2300	2150	1500	4300	2300	2150	2200
			1.75							1700	4500			
			2.0							1800	4900			
			2.5							2200	5000			
	1350	18	1.0	1900	1600	1100	2100	2500	2300	1500	4300	2500	2300	2200
			1.75							1700	4500			
			2.0							1800	4900			
			2.5							2200	5200			
	1600	21	1.0	2000	1700	1100	2100	2700	2400	1500	4400	2700	2400	2200
			1.75							1700	4500			
			2.0							1800	4900			
			2.5							2200	5200			

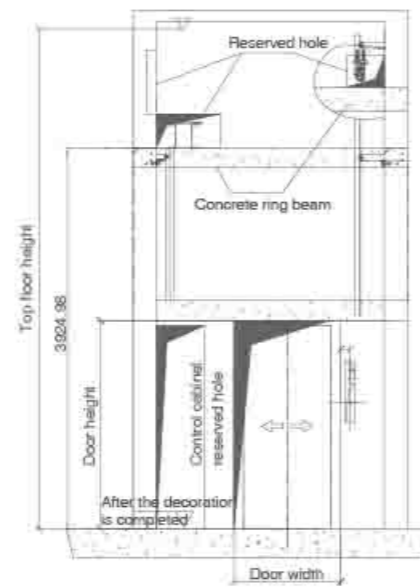
Note: Only for reference, final manufacture please follow contract.

Machine roomless elevator construction sketch

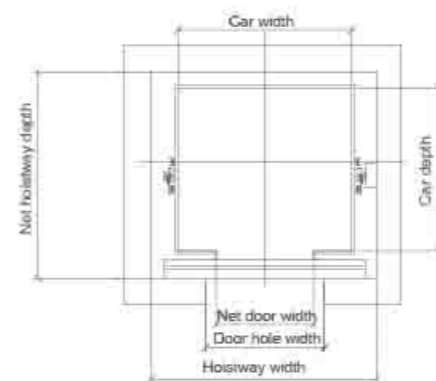
Hoistway elevational view



Plane of leaving holes on top



Hoistway plan



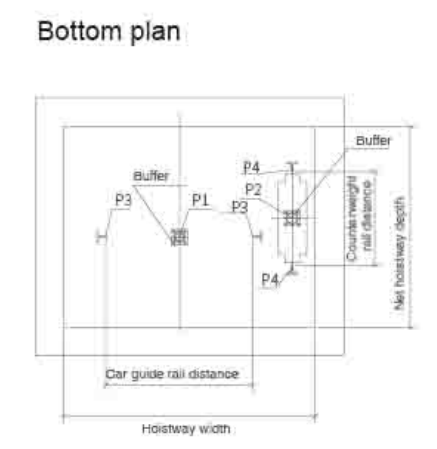
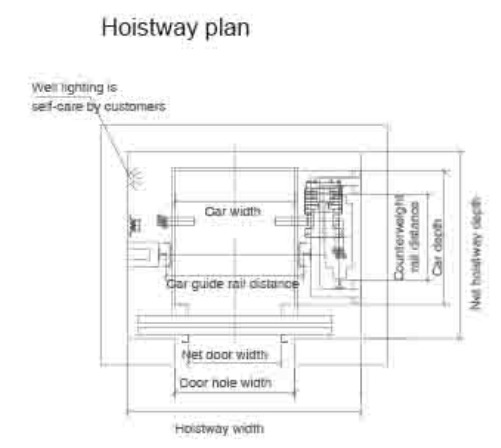
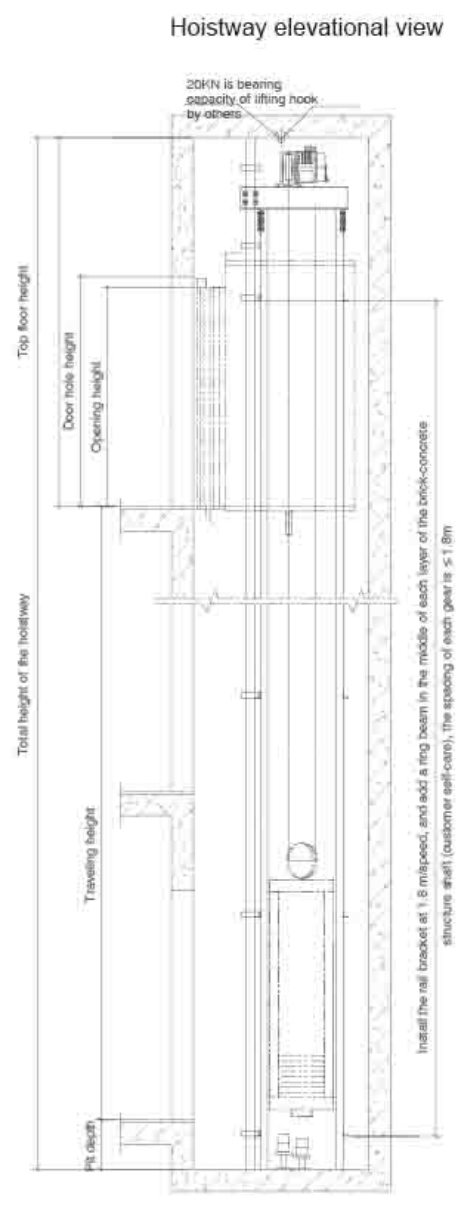
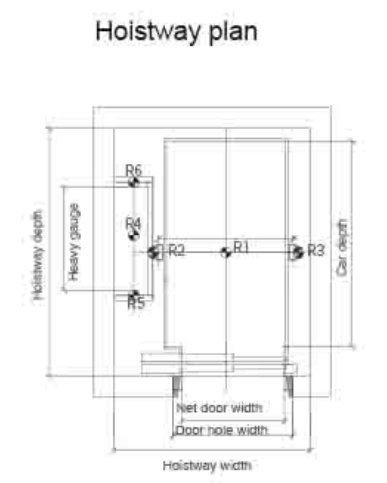
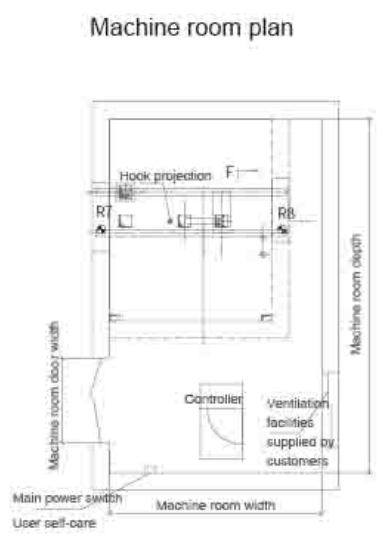
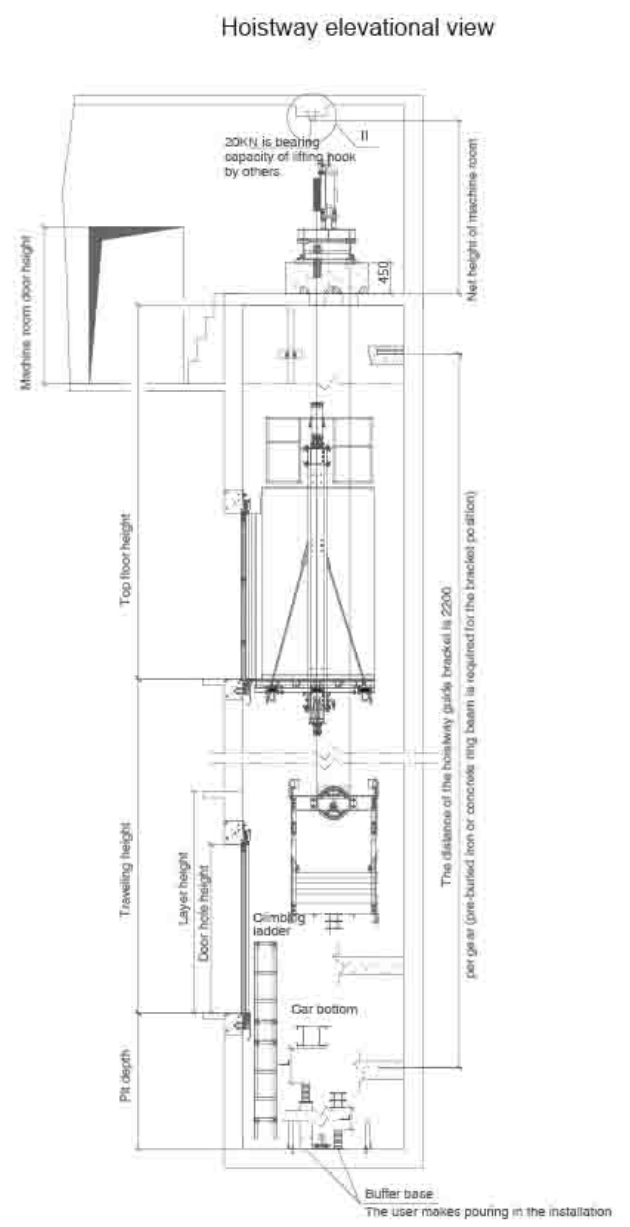
Machine roomless elevator parameter list

Model	Rated capacity		Rated speed m/s	Car size		Net door size		Net hoistway size			
	Kg	Persons		CA	CB	M	HH	AH	BH	PP	OH
GRKW	450	6	1.0	1200	1100	700	2100	2000	1600	1600	4200
			1.75							1600	4500
	630	8	1.0	1300	1200	800	2100	2200	1700	1600	4200
			1.75							1600	4500
	800	10	1.0	1400	1350	800	2100	2200	1800	1600	4200
			1.75							1600	4500
			2.0							1800	4800
	1000	13	2.5	1600	1400	900	2100	2500	1800	2200	5000
			1.0							1600	4200
			1.75							1600	4500
	1150	15	2.0	1700	1500	900	2100	2600	1900	1800	4800
			2.5							2200	5000
			1.0							1600	4200
	1350	18	1.75	1900	1600	1100	2100	2800	2150	1600	4300
			2.0							1600	4500
			2.5							1800	4800
	1600	21	1.0	2000	1700	1100	2100	2900	2250	2200	5000
			1.75							1600	4300
			2.0							1600	4500

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

Stretcher elevator construction sketch

Home elevator construction sketch



Stretcher elevator parameter table

Model	Load capacity (kg)	speed (m/s)	Net size of the hoistway wide x deep	Car net size wide x deep	Pit depth	Top height	Door opening size	Machine room width x deep x high	Maximum lifting height
		1.75			1700	4700			90
	1350	1.0	2400x2500	1400x2100	1500	4500	1000x2100	2500x2500x2450	50
		1.75			1700	4700			90
	1600	1.0	2600x2500	1600x2100	1500	4500	1100x2100	2600x2500x2450	50
		1.75			1700	4700			90

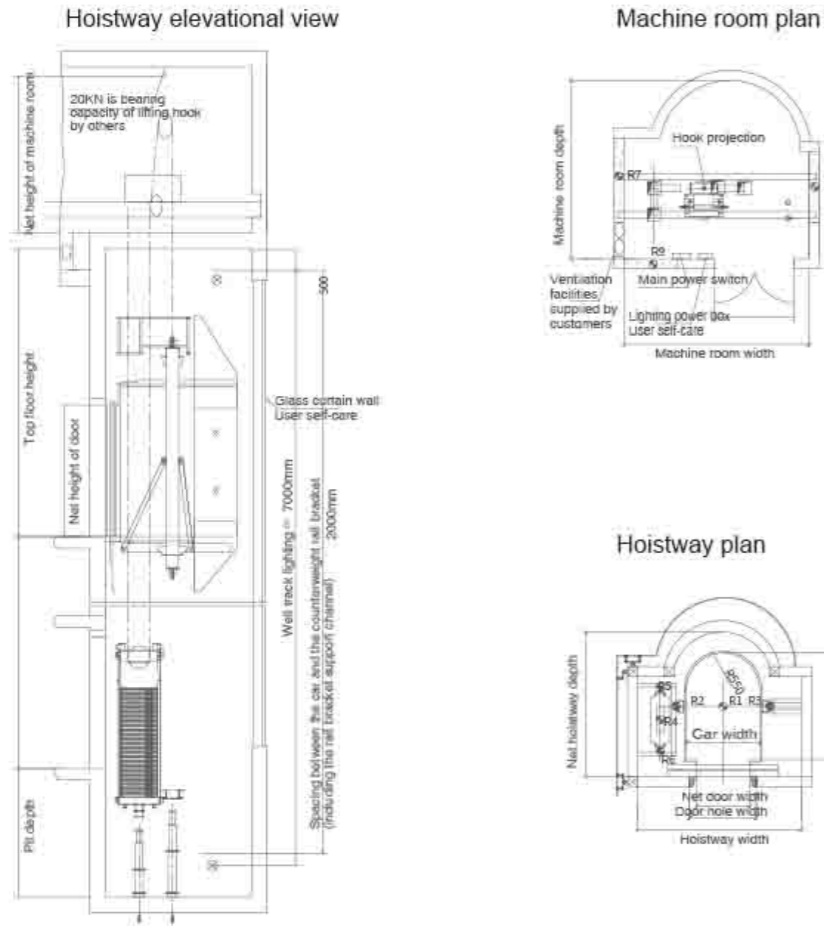
Note: Only for reference, final manufacture please follow contract.

Home elevator parameter list

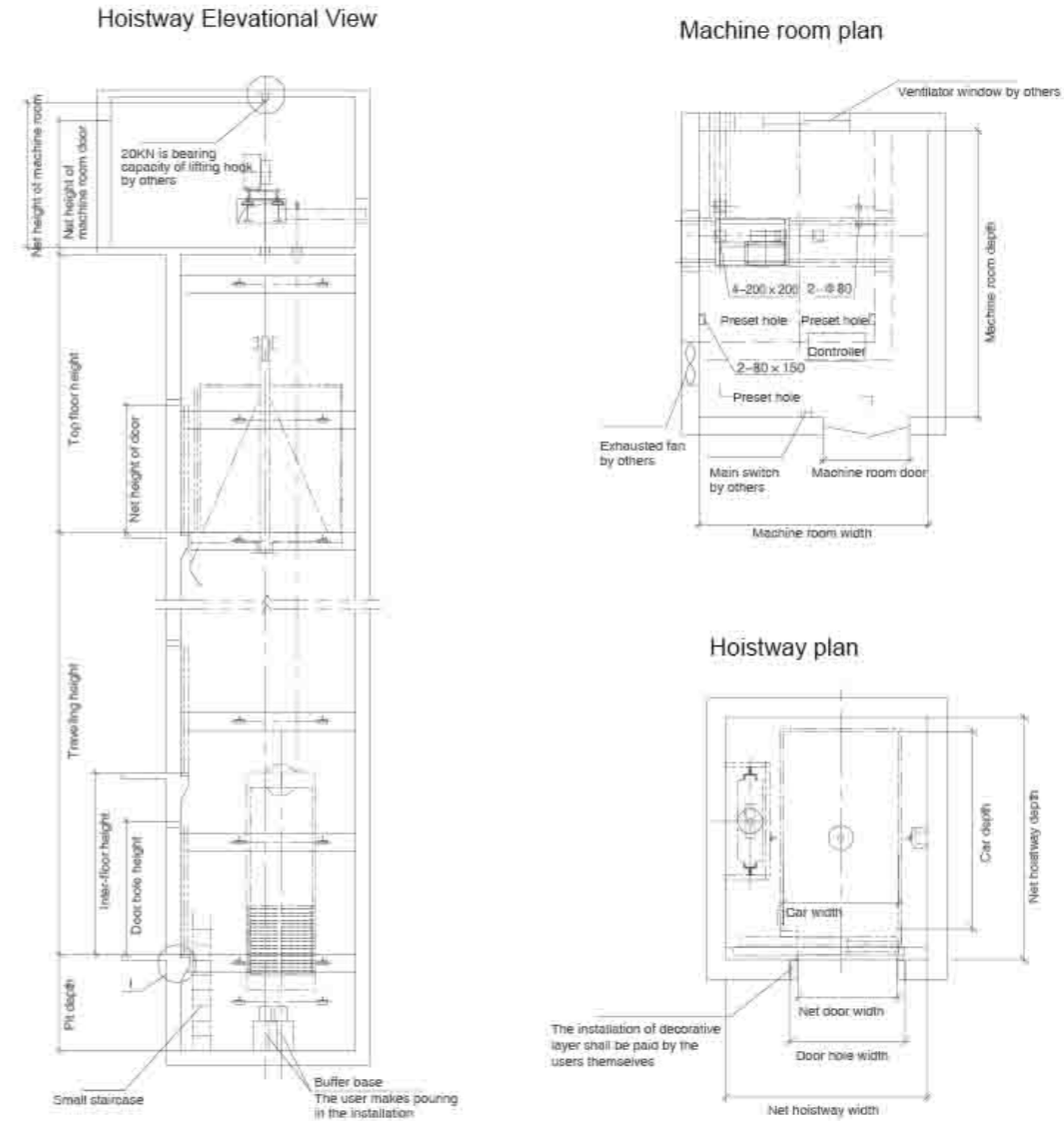
Model	Rated capacity kg	Persons	Rated speed m/s	Counter weight lay-out mode	Net size of car			Net width of door		Hoistway size				Range
					CW	CD	CH	OP	OPH	HW	HD	S	K	
XWJ	320	4	0.4	Counter-weight postposition	1200	900	2100	700	2000	1900	1400	300	3300	12
	400	5			1200	1000	2100	700	2000	1900	1500	300	3300	
	320	4		Counter-weight side-sited	900	1200	2100	800	2000	1650	1550	300	3000	12
	400	5			1000	1250	2100	800	2000	1750	1600	300	3000	

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

Panoramic elevator construction sketch



Bed elevator construction sketch



Panoramic elevator parameter list

Model	Rated capacity		Rated speed	Car size		Net door size		Net hoistway size				Machine room		
	Kg	Persons	m/s	CA	CB	M	HH	AH	BH	PP	OH	AM	BM	MH
GRG	630	8	1.0	1200	1500	800	2100	2300	2000	1700	4400	2300	2000	2200
			1.75							1800	4600			
	800	10	1.0	1250	1600	800	2100	2400	2100	1700	4400	2400	2100	2200
			1.75							1800	4600			
	1000	13	1.0	1500	1750	900	2100	2600	2400	1700	4400	2600	2400	2200
			1.75							1800	4600			
			2.0							2000	4700			
			2.5							2000	5100			
	1150	15	1.0	1500	1800	900	2100	2600	2400	1700	4400	2600	2400	2200
			1.75							1800	4600			
			2.0							2000	4700			
			2.5							2000	5100			
	1350	18	1.0	1600	2050	1000	2100	2700	2500	1700	4400	2700	2500	2200
			1.75							1800	4600			
			2.0							2000	4700			
			2.5							2000	5100			
	1600	21	1.0	1600	2200	1000	2100	2700	2700	1700	4400	2700	2700	2200
			1.75							1800	4600			
			2.0							2000	4700			
			2.5							2000	5100			

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

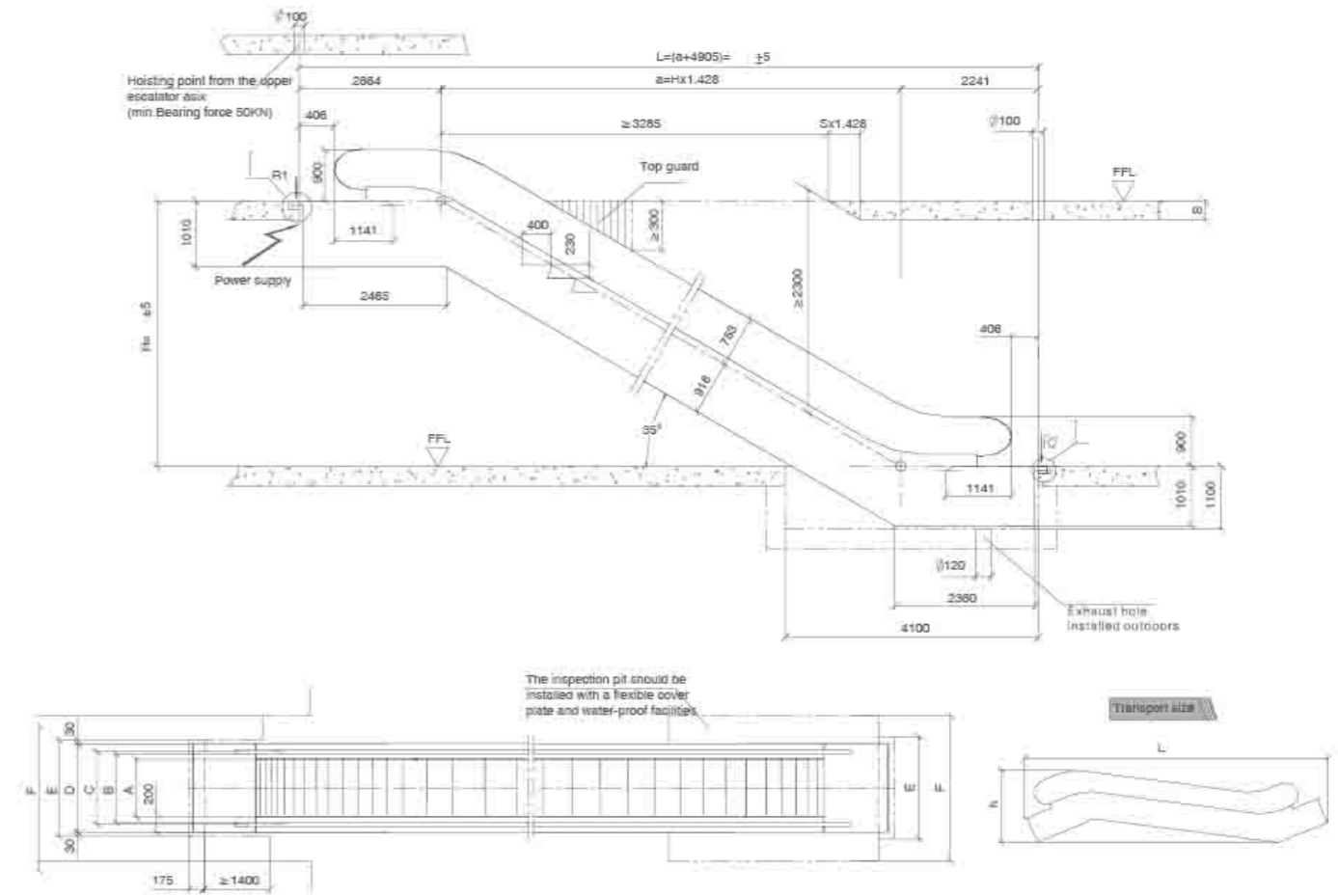
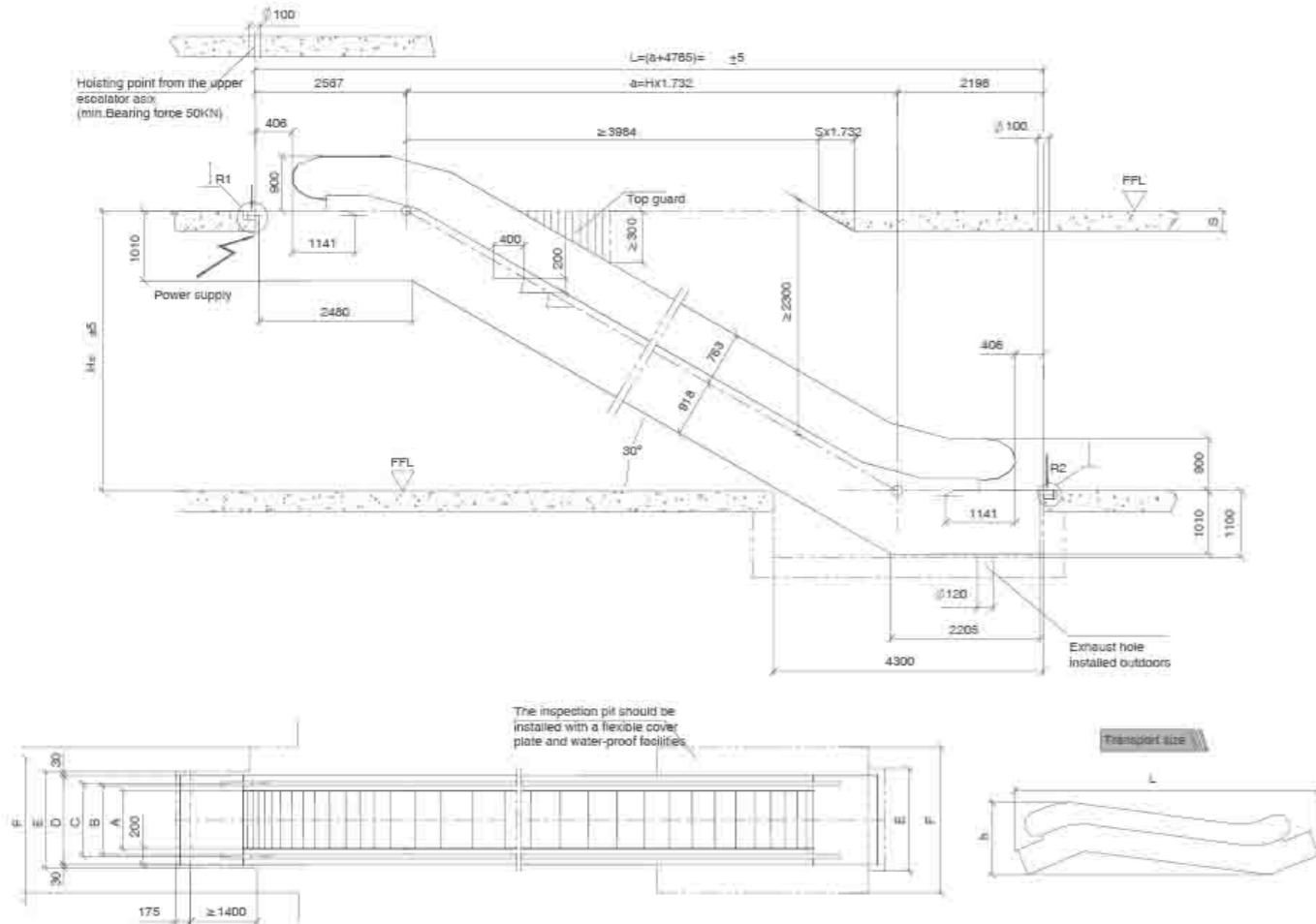
Bed elevator parameter list

Model	Rated capacity		Rated speed	Car size		Net door size (Side opening)		Net hoistway size			
	Kg	Persons	m/s	CA	CB	M	HH	AH	BH	PP	OH
GRB	1600	21	1.0	1400	2400	1200	2100	2300	2900	1500	4200
			1.75							1700	4400
			2.0							1800	4600
			2.5							2000	5000
	2000	27	1.0	1600	2600	1300	2100	2500	3100	1500	4200
			1.75							1700	4400
			2.0							1800	4600
			2.5							2000	5000

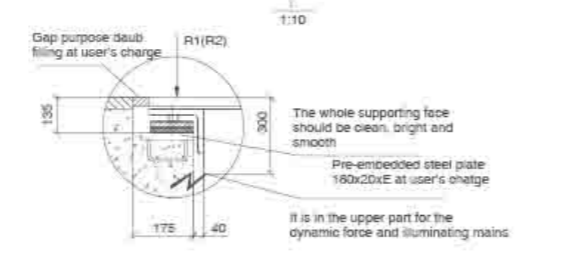
Note: Only for reference, final manufacture please follow contract.

30° Escalator construction sketch

35° Escalator construction sketch

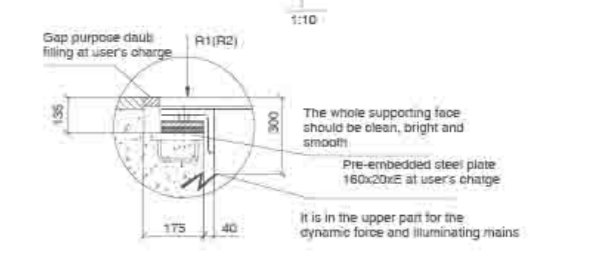


Model	Travelling height (mm)	Net weight KN	Supporting		Motor power	Transport size	
			R1 KN	R2 KN		H	L
GRF(600)-30 (4500 people/h) speed 0.5m/s	3000	57	46	41	8	2750	10900
	3500	60	49	44		2780	11890
	4000	64	52	47		2810	12880
	4500	68	56	50		2830	13870
	5000	71	59	53		2840	14860
	5500	75	62	56		2860	15860
GRF(800)-30 (6750 people/h) speed 0.5m/s	3000	59	52	47	8	2750	10900
	3500	63	56	50		2780	11890
	4000	67	60	54		2810	12880
	4500	71	64	57		2830	13870
	5000	74	68	60		2840	14860
	5500	82	74	66		2860	15860
GRF(1000)-30 (9000 people/h) speed 0.5m/s	3000	63	59	53	11	2750	10900
	3500	67	64	57		2780	11890
	4000	71	68	61		2810	12880
	4500	75	73	65		2830	13870
	5000	83	79	71		2840	14860
	5500	87	84	75		2860	15860
6000	92	88	79	2870	16860		



Step width	A	B	C	D	E	F
1000	1000	1158	1238	1600	1660	2310
800	800	958	1038	1400	1460	2110
600	600	758	838	1200	1260	1910

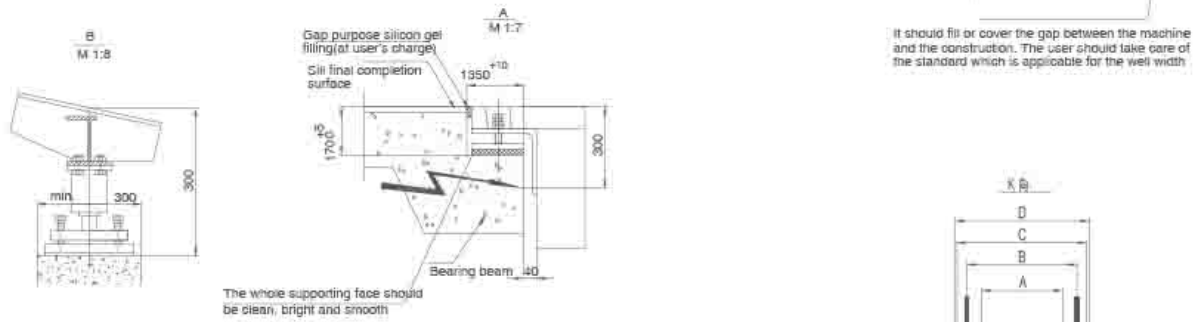
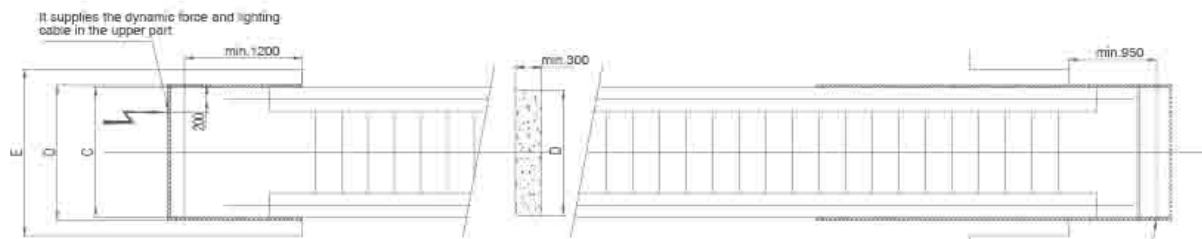
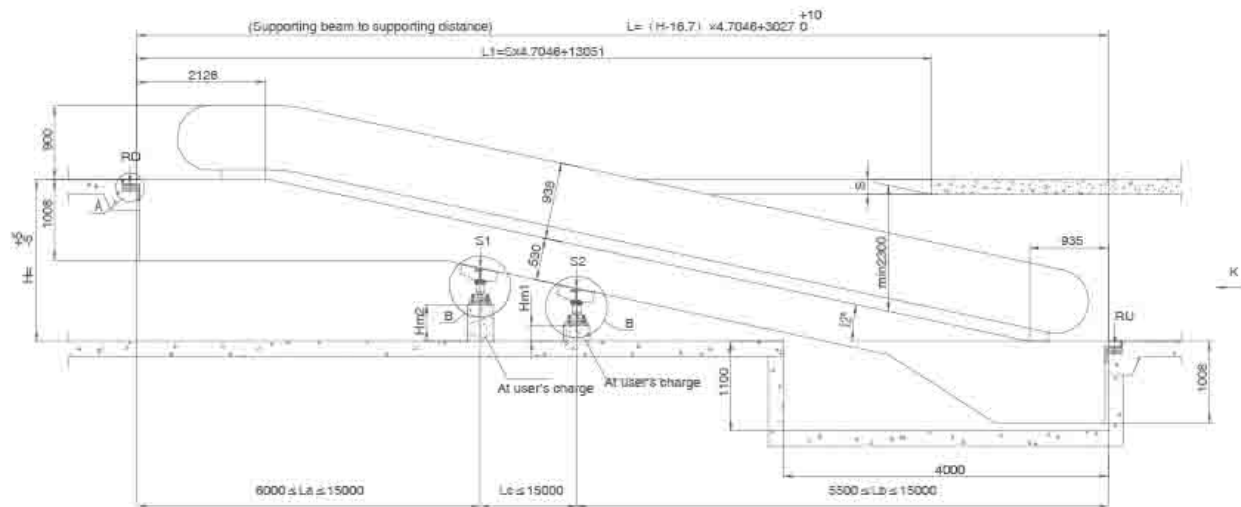
Model	Travelling height (mm)	Net weight KN	Supporting		Motor power	Transport size	
			R1 KN	R2 KN		H	L
GRF(600)-35 (4500 people/h) speed 0.5m/s	3000	54	43	39	8	2850	10180
	3500	57	46	41		2890	11030
	4000	60	49	44		2920	11890
	4500	64	52	46		2940	12750
	5000	67	54	49		2970	13610
	5500	70	57	51		2980	14470
GRF(800)-35 (6750 people/h) speed 0.5m/s	3000	56	49	44	8	2850	10180
	3500	60	52	47		2890	11030
	4000	63	56	50		2920	11890
	4500	66	59	53		2940	12750
	5000	70	62	56		2970	13610
	5500	73	65	59		2980	14470
GRF(1000)-35 (9000 people/h) speed 0.5m/s	3000	60	56	53	11	2850	10180
	3500	64	60	53		2890	11030
	4000	67	64	57		2920	11890
	4500	71	67	60		2940	12750
	5000	74	71	64		2970	13610
	5500	82	77	69		2980	14470
6000	85	81	72	3000	15330		



Step width	A	B	C	D	E	F
1000	1000	1158	1238	1600	1660	2310
800	800	958	1038	1400	1460	2110
600	600	758	838	1200	1260	1910

12° Moving walk construction sketch

0° Moving walk construction sketch



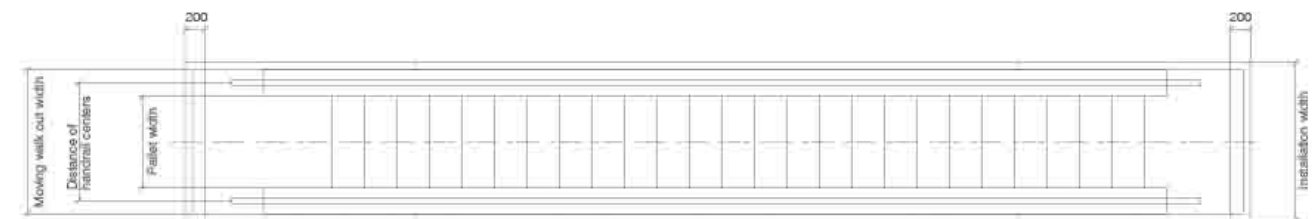
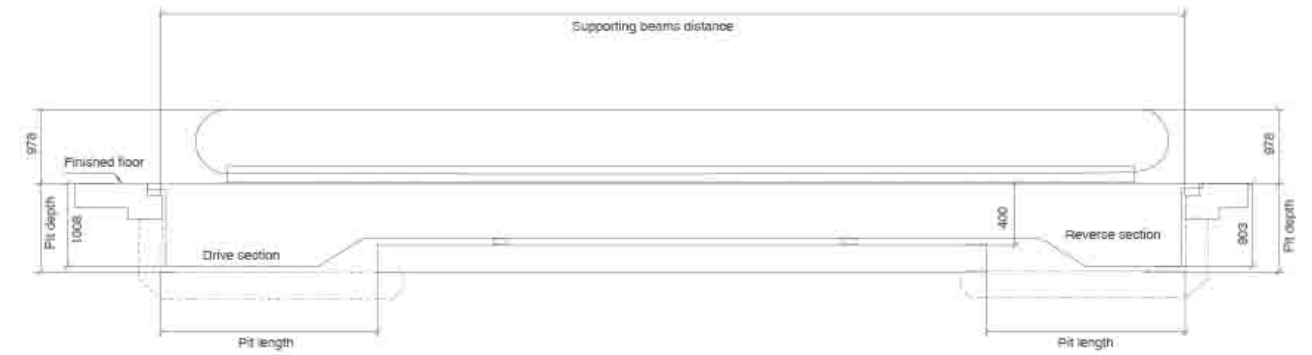
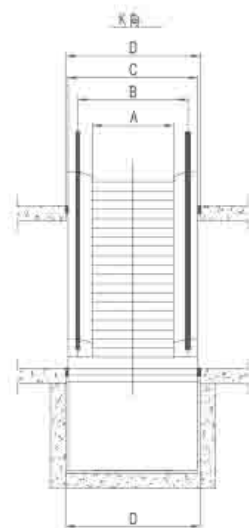
The construction supporting force includes the vibration load

No intermediate supporting		One intermediate supporting		Two intermediate supporting	
Ro=0.0045XL+13		Ro=0.0045XL+13		Ro=0.0045XL+13	
Ru=0.0045XLb+7		Ru=0.0045XLb+7		Ru=0.0045XLb+7	
S1=0.00585X(La+Lb)		S1=0.00585X(La+Lb)		S1=0.00585X(La+Lb)	
S2=0.00585X(Lb+Lc)		S2=0.00585X(Lb+Lc)		S2=0.00585X(Lb+Lc)	

Traveling height	Intermediate supporting	La (mm)	Lb (mm)	Lc (mm)	Intermediate supporting height
From To	S1 S2				
1801 -2663	- -	-	-	-	Hm1
2664 -4151	1 -	L-7000	7000	-	0.2128xLb-1051
4152 -5651	1 -	15000	L-15000	-	Hm2
5652 -8000	1 1	15000	7000	L-22000	0.2128x(Lb+Lc)-1066

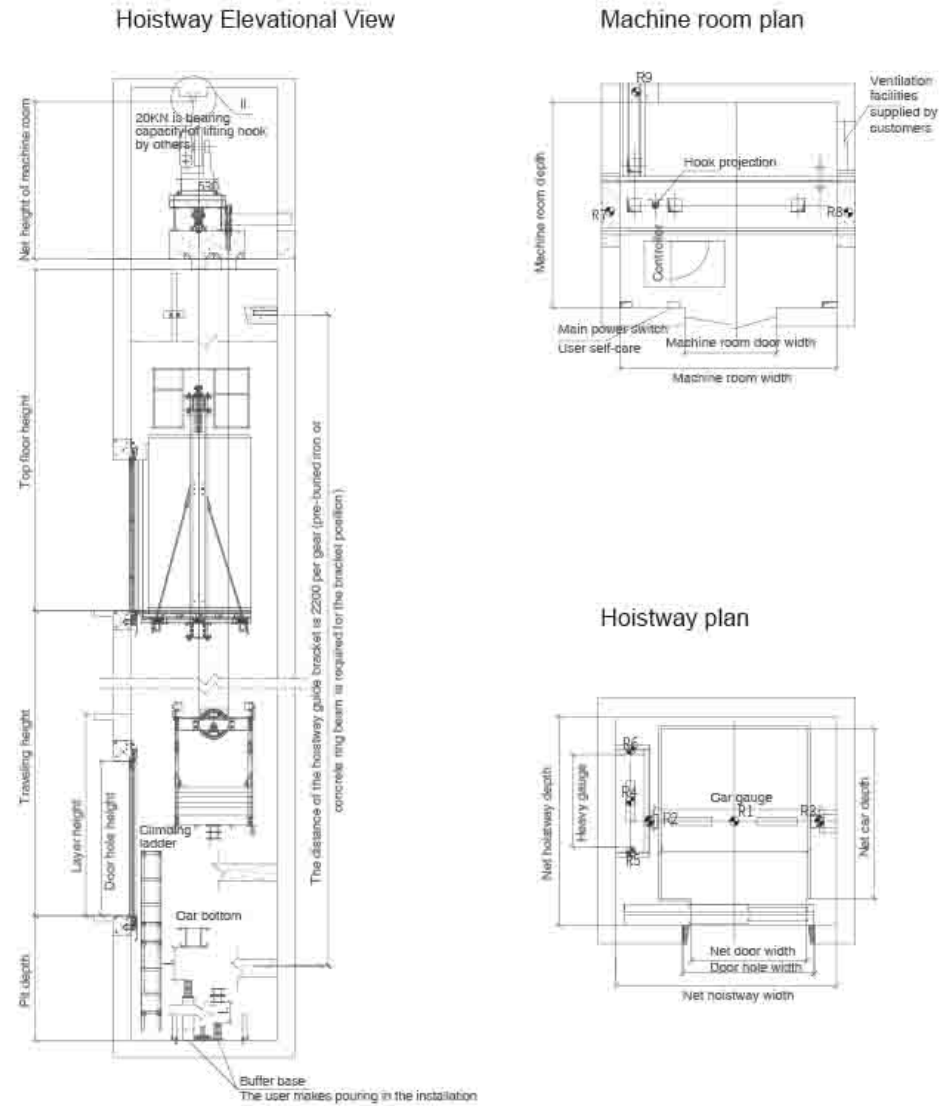
Tread width A	1000	800
Central distance of the handrail B	1238	1038
Outline width C	1600	1400
Supporting beam width in the well D	≥ 1660	≥ 1480
Preser width in the well E	2310	2110

Size unit mm
Don't measure the size in the drawing.



Model	Traveling height	Rated speed	Rated capacity	Inclination	Motor power	A(mm)	B(mm)	C(mm)	D(mm)
GRR (800/0°)	80000	0.5	6750	0	5.5	800	1030	1400	≥ 1460
	80000 < L ≤ 130000				8				
	130000 < L ≤ 150000				11				
GRR (1000/0°)	70000	0.5	9000	0	5.5	1000	1238	1600	≥ 1660
	70000 < L ≤ 110000				8				
	110000 < L ≤ 150000				11				

Freight elevator construction sketch

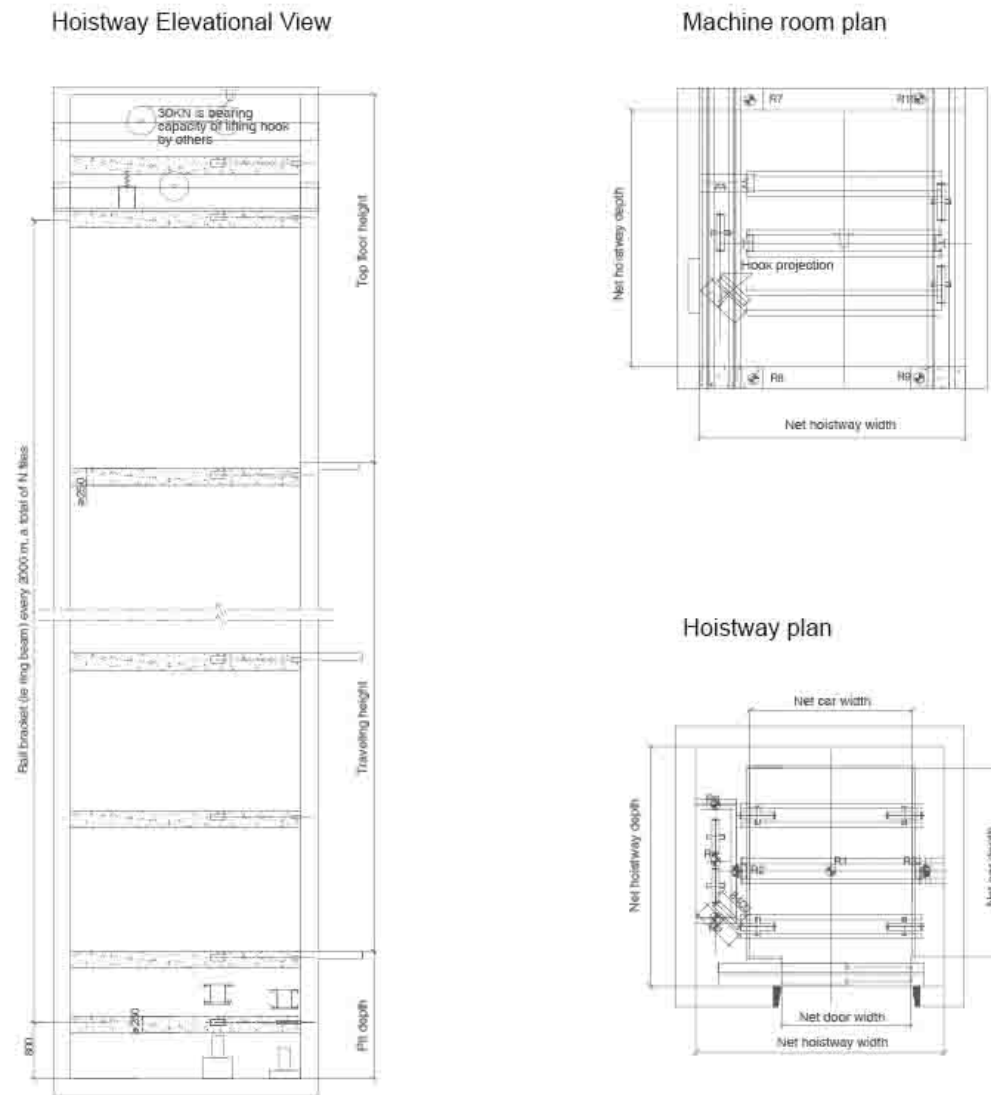


Freight elevator parameter list

Model	Rated capacity	Rated speed	Car size		Net door size		Net hoistway size			
	Kg	m/s	CA	CB	M	HH	AH	BH	PP	OH
GRH	1600	0.5	1800	1900	1500	2100	2850	2400	1500	4200
	2000	0.5	1800	2200	1500	2100	2850	2700	1500	4200
	3000	0.5	2200	2500	1800	2200	3300	3000	1600	4600
	4000	0.5	2400	3000	2000	2200	3800	3500	1700	4800
	5000	0.5	2600	3300	2200	2200	4000	3800	1800	4800
	6000	0.25/0.5	2400	4300	2000	2200	3900	5000	1800	5200
	8000	0.25/0.5	2400	5600	2200	2200	3900	6300	1800	5200
	10000	0.25/0.5	2400	6900	2200	2200	3900	7600	1800	5200
			3100	5400	2500	2200	4600	6100	1800	5200

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

Machine roomless freight elevator construction sketch

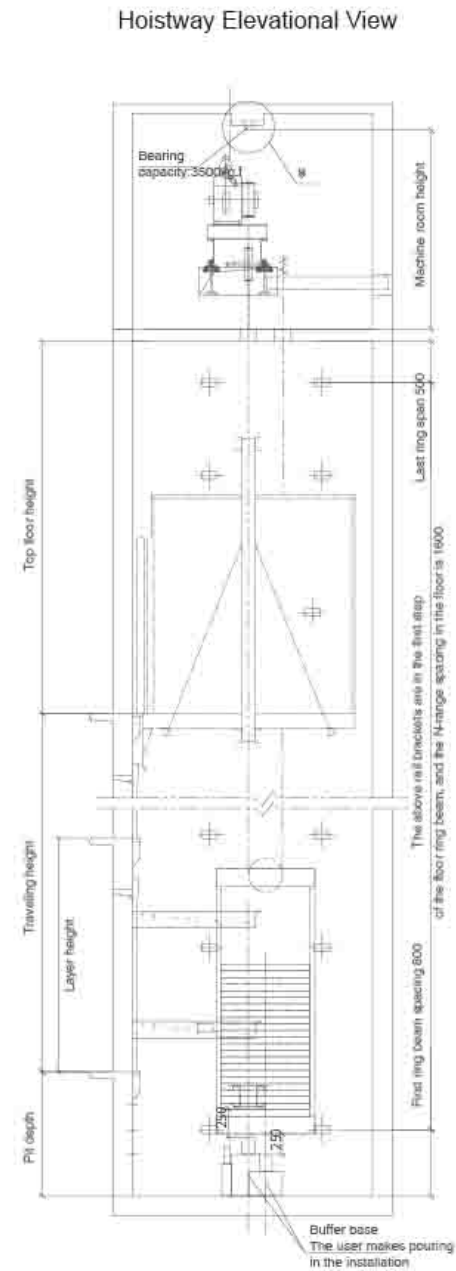


Machine room-less freight elevator parameter table

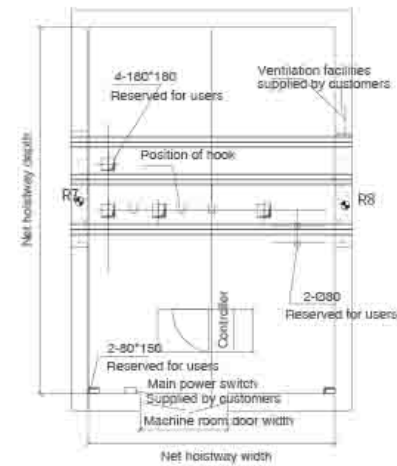
Model	Rated capacity	Rated speed	Car size		Net door size		Net hoistway size			
	Kg	m/s	CA	CB	M	HH	AH	BH	PP	OH
GRHW	1600	0.5	1800	1900	1500	2100	2900	2400	1600	4500
	2000	0.5	1800	2200	1500	2100	2900	2700	1600	4500
	2300	0.5	2000	2300	1600	2100	3100	2800	1600	4500
	2500	0.5	2000	2400	1600	2100	3100	2900	1600	4600
	3000	0.5	2200	2500	1800	2200	3300	3000	1600	4600

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

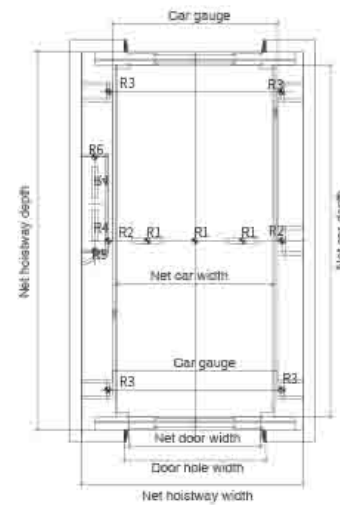
Car elevator construction sketch



Machine room plan

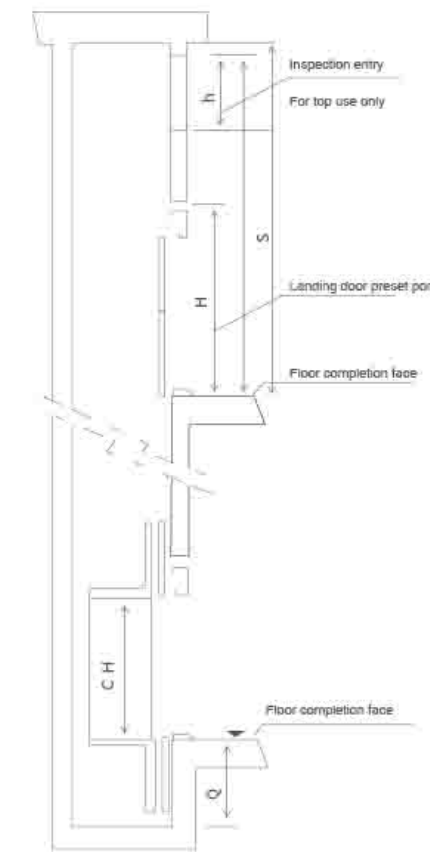


Hoistway plan

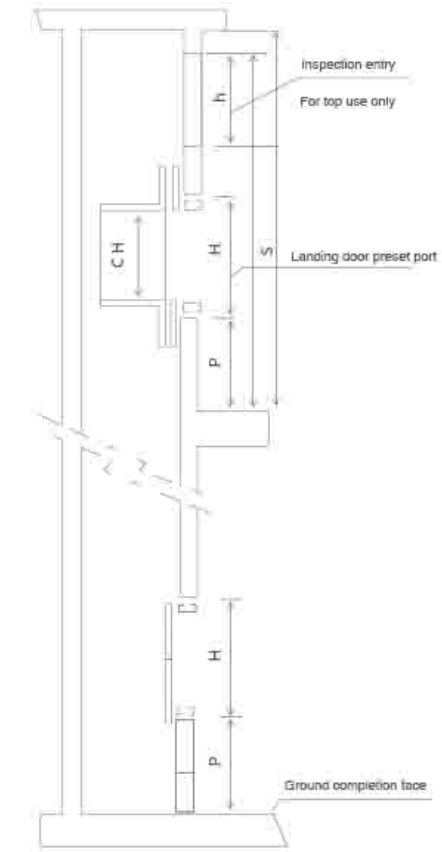


Dumbwaiter elevator construction sketch

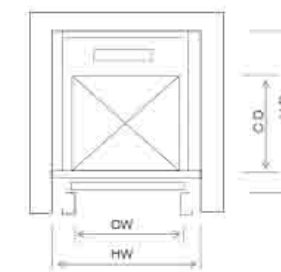
Level ground type



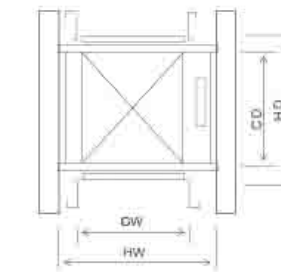
Window type



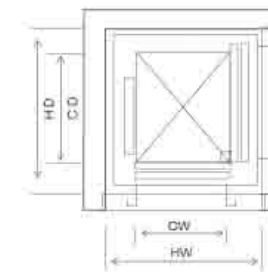
One-way type



Opposing type



L type



Car elevator parameter list

Model	Rated capacity Kg	Rated speed m/s	Car size		Net door size		Net hoistway size			
			CA	CB	M	HH	AH	BH	PP	OH
GRQ	3000	0.5	2450	6000	2400	2300	4150	6500	1800	5000
	4000	0.5	2800	6500	2400	2300	4300	7000	1800	5000
	5000	0.5	3000	6500	2600	2300	4400	7000	1800	5000

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

Dumbwaiter elevator parameter list

Rated capacity (Kg)	Rated speed (m/s)	Category	Car outside size			Hoistway size		Top floor	Pit depth	Preset size in th door opening		
			C.W	C.D	C.H	H.W	H.D			H.W	H	P
100	0.4	Window type	750	750	800	1250	1100	≥3200	750	950	950	750
200	0.4	Ground type	850	850	900	1350	1200	≥3200	1000	1050	1050	-
250	0.4	Ground type	1000	1000	1200	1500	1350	≥3500	1200	1200	1350	-

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



32 Branch office
20⁺ Country and region
40⁺ Client

Marketing

Adhering to the market development strategy of "facing the world, serving the world", XIWEI Elevator actively integrates the advantages of global resources, and constantly expands sales channels. It has established branches in 32 key cities in China.

At the same time, relying on its products of international quality, XIWEI Elevator has established good cooperation with more than 40 customers in more than 20 countries and regions, such as Bangladesh, Sri Lanka, Indonesia, Myanmar. With application of more and more XIWEI elevators in the buildings throughout the world, it has won trust from various customers.



Domestic engineering

- 01. Wenzhou Far Eastern Hotel
- 02. Guizhou Lvyin Real Estate Development Co., Ltd.
- 03. Ningxia Lingwu Greenland Pagoda fourth-stage
- 04. Siyang Kaiyuan Hotel
- 05. Jinjiang Jiayuan of Etuohe Banner, Ningxia
- 06. Hebei Dingte Real Estate Project

- 07. Jiangxi Shangrao Skyline Plaza Hotel Project
- 08. Hubei Gu Yue Xindu District Residential Quarters
- 09. Urumqi Emin Wantong building
- 10. Jimo City Social Welfare Institute
- 11. Jun Shan Century Center, Zaozhuang of Shandong
- 12. Xiangshan New Town Jingmen Hubei
- 13. Jiangsu Aotai Construction Co., Ltd.

Foreign engineering



- 01. Georgia Tbilisi, Aka Development
- 02. Georgia Tbilisi, Grozno St #10
- 03. Indonesia RSUD Cibabat Hospital
- 04. Indonesia Bandung Science Center Panoramic elevator
- 05. Azerbaijan "Azaragartikinti" OJSC
- 06. Azerbaijan Elite City



- 07. Sri Lanka Kumara Peiris Apartment project
- 08. Sri Lanka Raymond Council Apartment
- 09. Burma Hengkai International Hotel Project
- 10. Iraq Harthya Ziad Building Project
- 11. Bangladesh Yakub Ali Master Tower Shopping Mall
- 12. Bangladesh Paribag Garden Tower Project
- 13. Bangladesh Kazi Selina Akter



Honor certificate

Since its establishment, XIWEI Elevator has won numerous awards for its high quality product quality and quality engineering projects, and has been highly praised by all walks of life. The company has passed a number of quality and safety certifications including ISO9001 certification, ISO14001 certification, OHSAS18001, etc. All products have obtained CE certification and comply with European standards.

