



SEHAN ELEVATOR — CATALOGUE

- 098.333.333
- www.thangmaysehan.com



BRIEF INTRODUCTION

We are a group of deep and professional elevator practitioners. Decades of experience tell us that there are still many problems of elevator industry have to be settled urgently. Such as development of customized designs, shortage of local elevator engineers, elevator installation control, nonstandard of aftersales service operation, and outdated elevator agents & partners cooperation mode, etc.

Most of elevator suppliers not take them seriously, they just provide same normal elevators and services, and they think business is over when elevator sold out. Such debated business way unable to meet local service needs for clients from oversea market.

Therefore, we build our company, SH elevator which is determined to focus on local service while providing customized elevators, we will try to support and cultivate local agents and partners, to raise elevator business cooperation to be a new higher level.

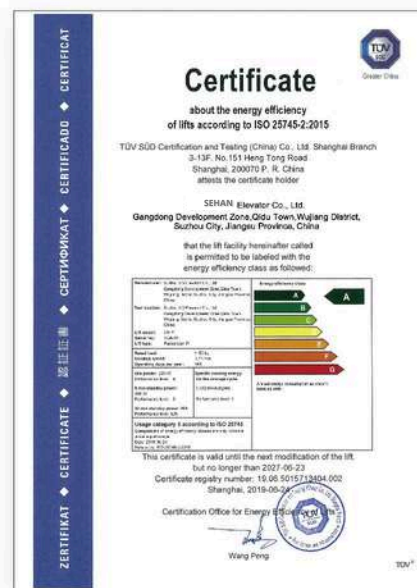
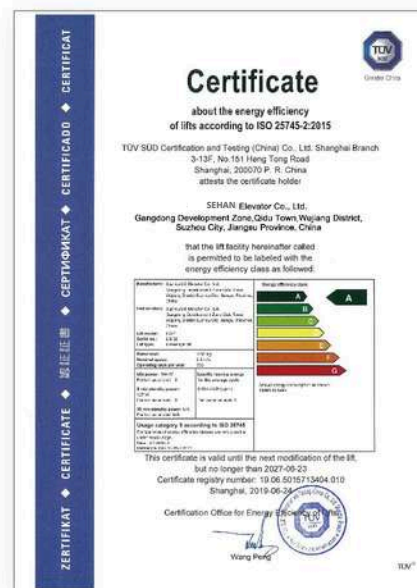
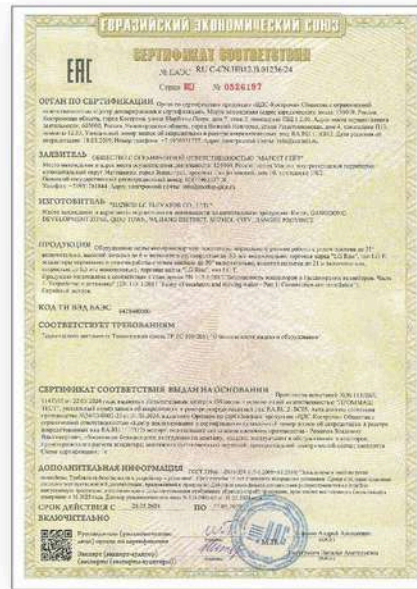
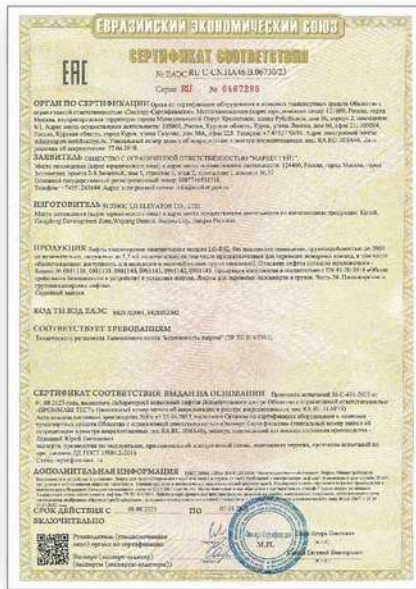
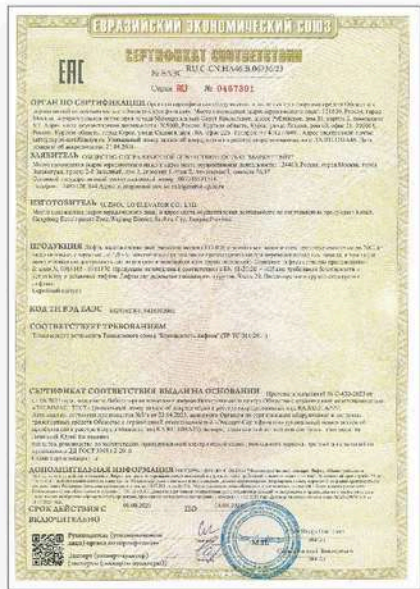
We are a young company, but our staffs are all much professional deeply in elevator industry. Such as workshop workers who have 5-15 years proficient experience in operating, technical engineers who already worked for 20-30 years practices, sales who finally be qualified here already much trained, seriously selected, strictly valued. We believe our team can provide you the most attentive service to you.

We always think that: Firstly, elevator business is not only a product, but also a kind of service. Secondly, for our partners, our aim is not only make you gain money, but also try our best to support and cultivate you to grow up with us. Thirdly, we believe in team work, the power of individual is limited, but the power of team is infinite.

It is always a pleasure to greet you to talk about cooperation plan with us. We work together, happy together!



ENTERPRISE CERTIFICATE



GEARLESS TRACTION MACHINE



DOOR OPERATOR SERIES



Fermator door operator



3rd Generation Control Cabinet

Product Features

1. More Cost-Effective

The new solution features 30% less traveling cable cores than conventional products and requires only 10 cores for connection between the car top box and a car, significantly reducing the cost of electrical accessory components.

2. Slimmer

It is 20% smaller than a conventional control cabinets

3. Safer

All power circuits are protected by RCDs (GB7588.1).

4. Compliant with New Standards

The standard configuration includes UCMP and the door lock short circuit detection and door bypass functions. The space for installing a filter board is provided to address the EMC requirements specified in GB7588.1.

Product Dimensions

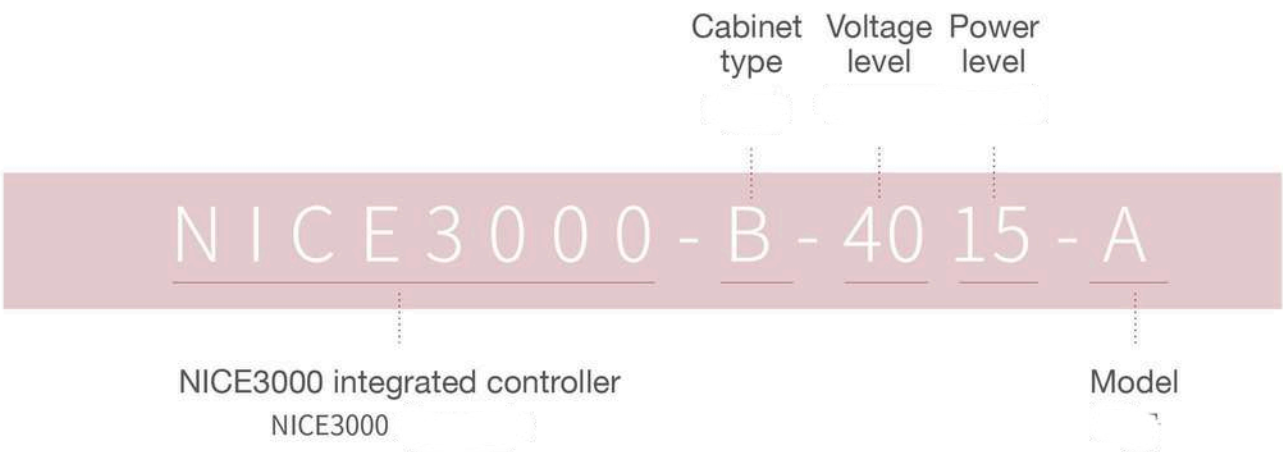
Dimensions of a control cabinet (Machine room)

Type	Dimensions(mm)	Installation Mode
5.5 - 15 kw	970 x 430 x 220	Wall-mounting/Floor
18.5 - 22 kw	1220 x 470 x 250	Floor standing
30 - 37 kw	1320 x 510 x 275	Floor standing

Dimensions of a control cabinet (Machine-room-less)

Type	Dimensions(mm)(Excluding Resistance Box)
5.5 - 22 kw	350x240x1350mm
30 - 37 kw	400x250x1500mm

Product Code



Machine room



Machine-room-less

PRODUCT INTRODUCTION

Passenger Elevator

Our passenger elevators help people reach the floors quickly, comfortably, safely, and run quietly which is especially important at night. We make elevators be integrated into the buildings, and try to help building owners to reduce cost for total elevator lifetime with excellent solutions.



Panoramic Elevator

Our panoramic elevators are generally running in open environments like shopping malls, hotels, office buildings etc. We have various of designs for cabins which are elegant and beautiful, attract people's attention greatly. Your buildings must reach a higher level with our panoramic elevators.



Home Elevator

With our home elevator solutions, you can bring your ideal vision to life. We have a variety of cabin designs, there is always one for you. Even no pit, or the space limited, we can design a matched home elevator for you.



Hospital Bed Elevator

Our hospital bed elevators have large capacity and wide opening doors to accommodate stretchers, beds and other medical equipment, precise levelling to allow easy access for wheelchairs.



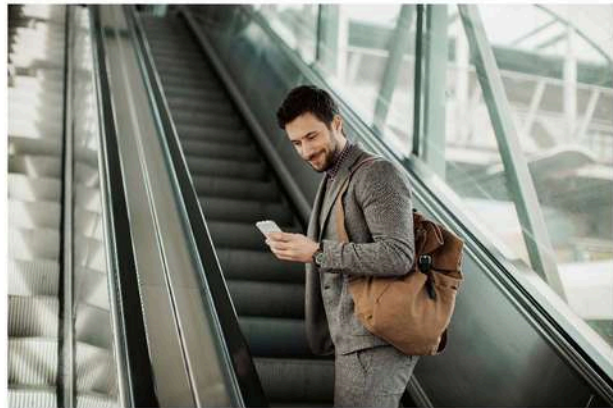
Freight Elevator

Our freight elevators are specially designed for the transportation of cargoes, big door opening, spacious cabin, strong structure, to ensure safe and steady running when loading large cargoes and people. They are the best transportation machines for factories, warehouses, and malls etc.



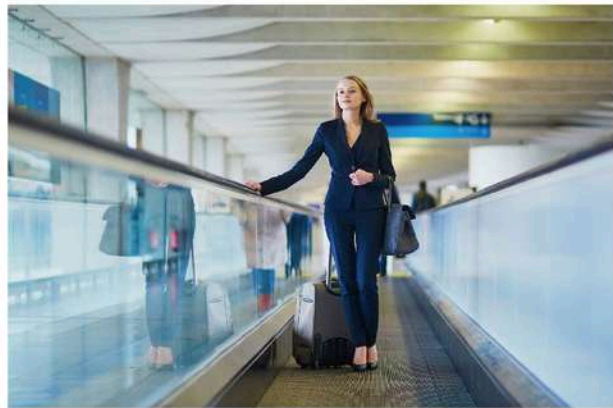
Escalator

Our serial escalators use reliable materials and branded parts, with strong structure, to keep escalators smooth running for long time with lower noise and low-cost maintenance. They become indispensable part of shopping malls, multiplex cinema, museums, train and metro stations, airports etc.



Moving Sidewalk

Our moving sidewalks have strong structure and high performance as our escalators. When your site has small angle but long span, you can choose moving sidewalks. They are popular using in high-grade shopping center, airport, big indoor place etc.



ELEVATOR PROFILE VIEWS



Efficient traction machine
高效曳引机

Control system
控制系统

Door operator
永磁同步门机

Car
轿厢

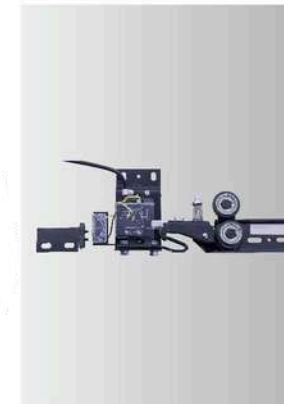
Door
门板

SAFETY PARTS

Main engine brake: Motor brake can precisely stop motor running to stop elevator runs in abnormal speed.



Door lock: There is the cam body set in the switching range of the door of the elevator room in the lifting pathway. The cam body used to specify the opening and closing zone of the elevator door is arranged on the side wall of the elevator door, and is combined with the mobile selection component to restrict the opening of the door of the elevator room outside the opening and closing zone of the elevator door.



Safety gear: Safety gear is suitable to be installed on the two sides or bottom of the lower beam. When the car descends at excessive speed, following the actuation of the speed governor, the speed governing wire rope will lift the rocker arm and enable the safety gear clamping the guide rails and stop the car to protect people inside.



Buffer: Elevator buffers are designed to protect people and equipment from forces generated from an impact resulting from equipment failure or operator error. To minimize the damages of elevator accident.



Overload device: The overload device can prevent the elevator door from closing, when the load of the elevator exceeds its rated load. In the meanwhile, buzzer or display warning.



Overspeed governor: Overspeed governor is generally installed in machine room or on top of guide rails. If the elevator descends more than 115% of rated speed, the overspeed governor will find this emergency immediately and actuate safety gear action and stop the car, playing the role of over-speed protection.



Limit switch: Limit switch is also called travel switch, is a popular small current main electrical appliances. Use the collision of mechanical moving parts to connect or break the control circuit, to achieve a certain control purpose. It can protect elevator running in a safe distance.



Light curtain protection: The infrared receiver with rays is applied to form an infrared protection network outside the elevator door, which enhances the reliability of the whole elevator system as well as provides passengers with maximum security assurance.





PASSENGER ELEVATOR

Small Machine Room Passenger Elevator

Small machine room passenger elevator applies the rational construction layout. Machine room is about the same as the well size. It effectively saves the occupation rate of machine room space. Small machine room design grants the elevator to more easily merge with the building. It greatly reduces the restrictions of the building outline design. It reduces the building space cost. What is more, it inspires infinite creativity of the building designers.

Environment protection type traction system with fierce motives

It applies small bulk, light weight, high drive efficiency permanent magnet synchronous and gearless traction machine. Its area is only half of the traditional traction machine. It thus greatly reduces the machine room area. It fulfills a key step of small machine room design.

255mm

Reduce the height of the machine room 255mm

40%

Small machine room elevator, save machine-room area

Passenger elevator, it's not just a loading machine, it become a part of people's life.

Machine Roomless Passenger Elevator

Machine roomless passenger elevator, with an environment concern, saves energy and reduces the consumption, saves the construction area and increases the freeness of designers, thereby fully reflect the idea of environment friendly culture. Compared with the gearwheel elevators with the same load capacity, machine roomless elevators save 25% electricity and 10% of construction area. Machine roomless passenger elevator has broken through the prerequisite that machine rooms must be available for elevators, providing limitless possibilities of creation for the limited space of modern construction.

Blended into the construction, easily and leisurely

Machine roomless passenger elevator need only one independent hoist-way and do not need the presence of machine rooms. The architects and developers are allowed to conduct designing in a freer way.

Saving the costs for construction

Machine roomless passenger elevator take less space, which enables you to effectively utilize the construction space. installation ensures affect freeness to the engineering caused by the installation of elevators.

100%

Machine roomless elevator, pure utility of construction area

25%

It saves 25% of electric energy



PASSENGER ELEVATOR



3D display



SH-K01

Side wall: Hairline stainless steel
Rear wall: Hairline stainless steel
Ceiling: Hairline stainless steel + LED lights
Floor: PVC/Marble

PASSENGER ELEVATOR



3D display



SH-K02

Side wall: Hairline stainless steel + Mirror etched stainless steel
Rear wall: Hairline stainless steel + Mirror etched stainless steel
Ceiling: Hairline stainless steel + LED lights
Floor: PVC/Marble

PASSENGER ELEVATOR



3D display



SH-K03

- Side wall: Hairline stainless steel
- Rear wall: Hairline stainless steel + Mirror etched stainless steel
- Ceiling: Hairline stainless steel + LED lights
- Floor: PVC/Marble

PASSENGER ELEVATOR



3D display



SH-K04

- Side wall: Hairline stainless steel
- Rear wall: Hairline stainless steel + Mirror etched stainless steel
- Ceiling: Mirror stainless steel + LED lights
- Floor: PVC/Marble

PASSENGER ELEVATOR



3D display



SH-K05

Side wall: Hairline stainless steel + Mirror etched stainless steel
Rear wall: Hairline stainless steel + Mirror etched stainless steel
Ceiling: Hairline stainless steel + LED lights
Floor: PVC/Marble

PASSENGER ELEVATOR



3D display



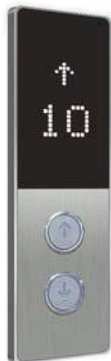
SH-K06

Side wall: Mirror etched stainless steel + Hairline stainless steel
Rear wall: Mirror etched stainless steel + Hairline stainless steel
Ceiling: Hairline stainless steel+LED lights
Floor: PVC/Marble

PASSENGER ELEVATOR



3D display



SH-K07

Side wall: Mirror stainless steel + Hairline stainless steel
Rear wall: Hairline stainless steel + Mirror etched stainless steel
Ceiling: Mirror stainless steel + LED lights
Floor: PVC/Marble

PASSENGER ELEVATOR



3D display



SH-K08

Side wall: Hairline stainless steel
Rear wall: Titanium etched stainless steel + Mirror stainless steel
Ceiling: Mirror stainless steel + LED lights
Floor: PVC/Marble

PASSENGER ELEVATOR



3D display



SH-K09

Side wall: Titanium etched stainless steel + Titanium black mirror stainless steel
Rear wall: Titanium etched stainless steel + Titanium black mirror stainless steel
Ceiling: Titanium black hairline stainless steel + LED lights
Floor: PVC/Marble

PASSENGER ELEVATOR



3D display



SH-K10

Side wall: Laminated steel + mirror stainless steel
Rear wall: Laminated steel + mirror stainless steel
Ceiling: Hairline stainless steel + LED lights
Floor: PVC/Marble

PASSENGER ELEVATOR



SH-K11

- Side wall: Wood + Leather
- Rear wall: Wood + Titanium mirror etching stainless steel
- Ceiling: Titanium mirror stainless steel + LED lights
- Floor: PVC/Marble
- Handrail: LG-H02 Titanium mirror stainless steel
- COP: LG-CZ002
- HOP: LG-WH001



3D display



PASSENGER ELEVATOR



SH-K12

- Side wall: Titanium mirror etched stainless steel + Titanium stainless steel
- Rear wall: Titanium mirror etched stainless steel + Titanium stainless steel
- Ceiling: Titanium mirror stainless steel + LED lights
- Floor: PVC/Marble



3D display



PASSENGER ELEVATOR



3D display



SH-K13

Side wall: Titanium mirror etched stainless steel + Titanium stainless steel
Rear wall: Titanium mirror etched stainless steel + Titanium stainless steel
Ceiling: Titanium mirror stainless steel
Floor: PVC/Marble

PASSENGER ELEVATOR



3D display



SH-K13

Side wall: Titanium mirror stainless steel + Titanium stainless steel
Rear wall: Titanium mirror etched stainless steel + Titanium stainless steel
Ceiling: Titanium mirror stainless steel + LED lights

PASSENGER ELEVATOR



3D display



SH-K15

Side wall: Hairline stainless steel + Rose gold etched stainless steel
Rear wall: Hairline stainless steel + Rose gold stainless steel
Ceiling: Mirror stainless steel + LED lights
Floor: PVC/Marble

PASSENGER ELEVATOR



3D display



SH-K16

Side wall: Coffee color mirror stainless steel + Coffee color hairline stainless steel
Rear wall: Coffee color mirror etched stainless steel + Coffee color hairline stainless steel
Ceiling: Coffee color hairline stainless steel + LED lights

PASSENGER ELEVATOR



SH-K17

Side wall: Rose gold mirror etched stainless steel+
Rose gold stainless steel
Rear wall: Rose gold mirror etched stainless steel
+ Rose gold stainless steel
Ceiling: Rose gold hairline stainless steel
Floor: PVC/Marble



3D display



PASSENGER ELEVATOR



SH-K18

Side wall: Rose gold mirror etched stainless steel
+ Rose gold stainless steel
Rear wall: Rose gold mirror etched stainless steel
+ Rose gold stainless steel
Ceiling: Rose gold mirror stainless steel
Floor: PVC/Marble



3D display



PASSENGER ELEVATOR



3D display



SH-K19

Side wall: Wood + rose gold mirror stainless steel
Rear wall: Wood + rose gold mirror stainless steel
Ceiling: Mirror stainless steel
Floor: PVC/Marble

PASSENGER ELEVATOR



3D display



SH-K20

Side wall: Wooden grain + rose gold mirror stainless steel
Rear wall: Wooden grain + rose gold mirror stainless steel
Ceiling: Rose gold mirror stainless steel + LED light
Floor: PVC/Marble

MORE CAR STYLE



SH-K21
Side wall: Mirror stainless steel + Hairline stainless steel
Rear wall: Mirror etched stainless steel + Hairline stainless steel
Ceiling: Hairline stainless steel+LED lights
Floor: PVC/Marble



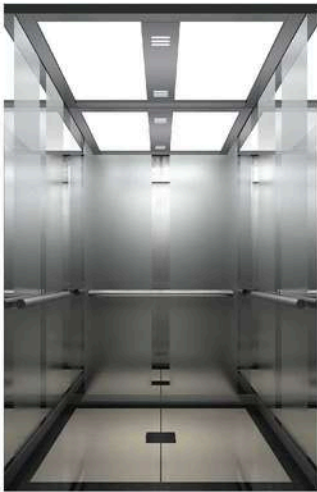
SH-K22
Side wall: Etched stainless steel + Hairline stainless steel
Rear Wall: Etched stainless steel + Hairline stainless steel
Ceiling: Mirror stainless steel + LED lights
Floor: PVC/Marble



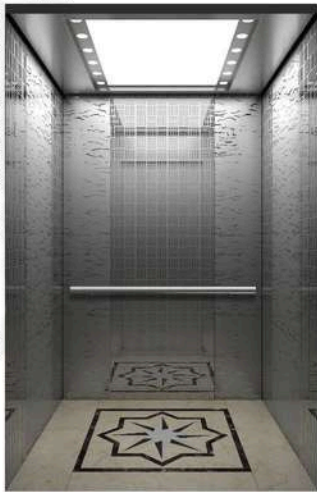
SH-K23
Side wall: Mirror etched stainless steel + Hairline stainless steel
Rear wall: Mirror etched stainless steel + Hairline stainless steel
Ceiling: Mirror stainless steel+LED lights
Floor: PVC/Marble



SH-K24
Side wall: Mirror stainless steel + Hairline stainless steel
Rear wall: Mirror stainless steel + Hairline stainless steel
Ceiling: Hairline stainless steel+LED lights
Floor: PVC/Marble



SH-K25
Side wall: Etched stainless steel + Mirror stainless steel
Rear wall: Etched stainless steel + Mirror stainless steel
Ceiling: Mirror stainless steel+LED lights
Floor: PVC/Marble



SH-K26
Side wall: Etched stainless steel + Mirror etched stainless steel
Rear Wall: Etched stainless steel + Mirror etched stainless steel
Ceiling: Hairline stainless steel + LED lights
Floor: PVC/Marble



SH-K27
Side wall: Mirror stainless steel + Hairline stainless steel
Rear wall: Mirror etched stainless steel + Hairline stainless steel
Ceiling: Mirror stainless steel+LED lights
Floor: PVC/Marble



SH-K28
Side wall: Mirror etched stainless steel + Hairline stainless steel
Rear wall: Mirror etched stainless steel + Hairline stainless steel
Ceiling: Mirror stainless steel+LED lights
Floor: PVC/Marble



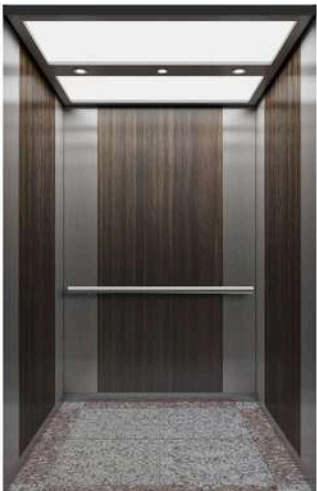
SH-K29
Side wall: Mirror etched stainless steel + Hairline stainless steel
Rear wall: Mirror etched stainless steel + Hairline stainless steel
Ceiling: Mirror stainless steel+LED lights
Floor: PVC/Marble



SH-K30
Side wall: Mirror etched stainless steel + Hairline stainless steel
Rear wall: Mirror etched stainless steel + Hairline stainless steel
Ceiling: Mirror stainless steel+LED lights
Floor: PVC/Marble



SH-K31
Side wall: Mirror stainless steel + Hairline stainless steel
Rear wall: Mirror stainless steel + Hairline stainless steel
Ceiling: Hairline stainless steel + LED lights
Floor: PVC/Marble



SH-K32
Side wall: Wooden grain + Hairline stainless steel
Rear wall: Wooden grain + Hairline stainless steel
Ceiling: Mirror stainless steel + LED lights
Floor: PVC/Marble

MORE CAR STYLE



SH-K33

Side wall: Titanium hairline stainless steel + Titanium mirror stainless steel
Rear wall: Titanium hairline stainless steel + Titanium mirror stainless steel
Ceiling: Titanium mirror stainless steel + LED lights
Floor: PVC/Marble



SH-K34

Side wall: Titanium mirror etched stainless steel + Titanium stainless steel
Rear wall: Titanium mirror etched stainless steel + Titanium stainless steel
Ceiling: Titanium mirror stainless steel + LED lights
Floor: PVC/Marble



SH-K37

Side wall: Titanium mirror etched stainless steel + Titanium etched stainless steel
Rear wall: Titanium etched stainless steel + Titanium hairline stainless steel
Ceiling: Titanium mirror stainless steel + LED lights
Floor: PVC/Marble



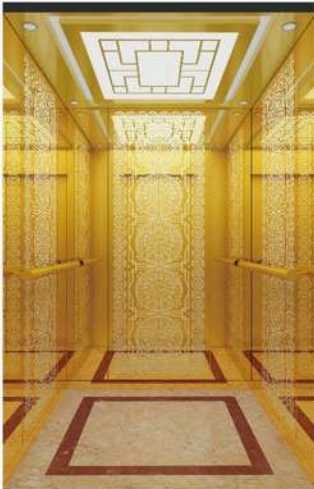
SH-K38

Side wall: Titanium mirror stainless steel + Titanium etched stainless steel
Rear wall: Titanium mirror stainless steel + Titanium etched stainless steel
Ceiling: Titanium mirror stainless steel + LED lights
Floor: PVC/Marble



SH-K41

Side wall: Titanium mirror etched stainless steel
Rear wall: Titanium mirror etched stainless steel
Ceiling: Titanium mirror stainless steel + LED lights
Floor: PVC/Marble



SH-K42

Side wall: Titanium mirror etched stainless steel + Titanium mirror stainless steel
Rear wall: Titanium mirror etched stainless steel + Titanium mirror stainless steel
Ceiling: Titanium mirror stainless steel+LED lights
Floor: PVC/Marble

MORE CAR STYLE



SH-K35

Side wall: Titanium mirror etched stainless + Rose gold stainless steel
Rear wall: Titanium mirror etched stainless + Rose gold stainless steel
Ceiling: Rose gold mirror stainless steel
Floor: PVC/Marble



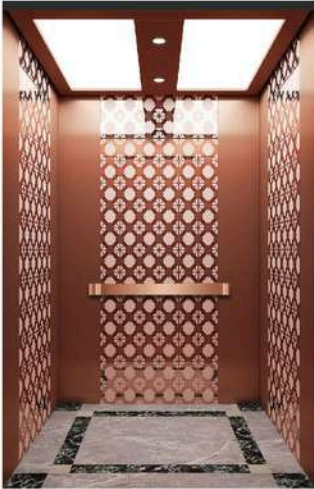
SH-K36

Side wall: Rose gold mirror stainless steel + Rose gold hairline stainless steel
Rear wall: Rose gold etched stainless steel + Rose gold mirror stainless steel
Ceiling: Rose gold mirror stainless steel + LED lights
Floor: PVC/Marble



SH-K39

Side wall: Rose gold mirror etched stainless steel + Rose gold hairline stainless steel
Rear wall: Rose gold mirror etched stainless steel + Rose gold hairline stainless steel
Ceiling: Rose gold mirror stainless steel + LED lights



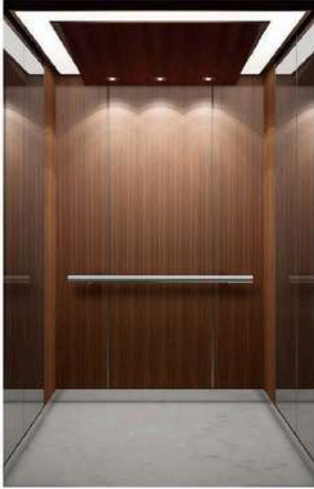
SH-K40

Side wall: Rose gold mirror etched stainless steel + Rose gold hairline stainless steel
Rear wall: Rose gold mirror etched stainless steel + Rose gold hairline stainless steel
Ceiling: Rose gold mirror stainless steel + LED lights



SH-K43

Side wall: Wooden grain + Mirror stainless steel
Rear Wall: Wooden grain + Mirror etched stainless steel
Ceiling: Mirror stainless steel + LED lights
Floor: PVC/Marble

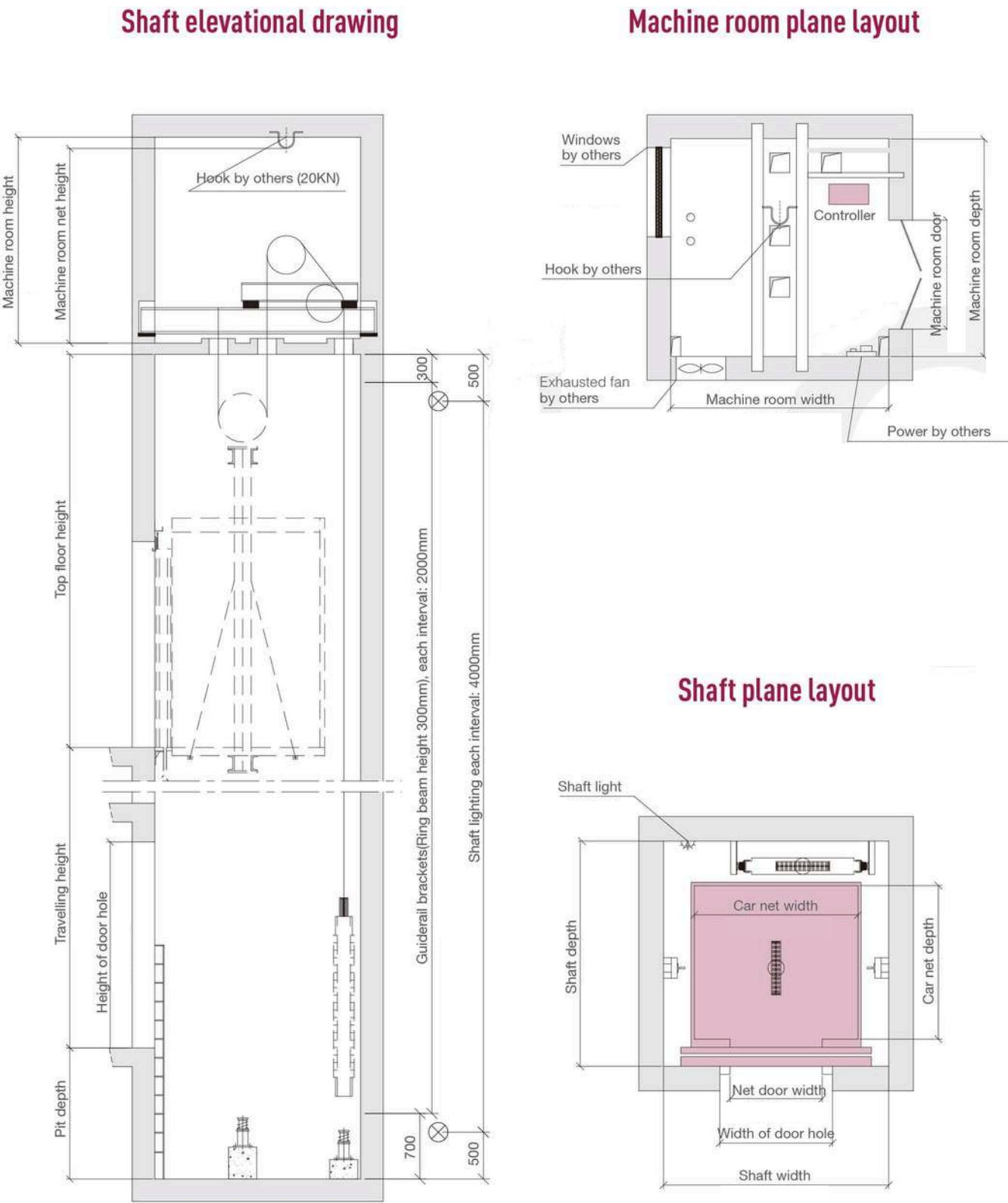


SH-K44

Side wall: Mirror stainless steel + Wooden grain
Rear wall: Wooden grain
Ceiling: Mirror stainless steel + LED lights
Floor: PVC/Marble
Handrail: Single tube mirror

CONSTRUCTION LAYOUT DRAWING

Small Machine Room Passenger Elevator



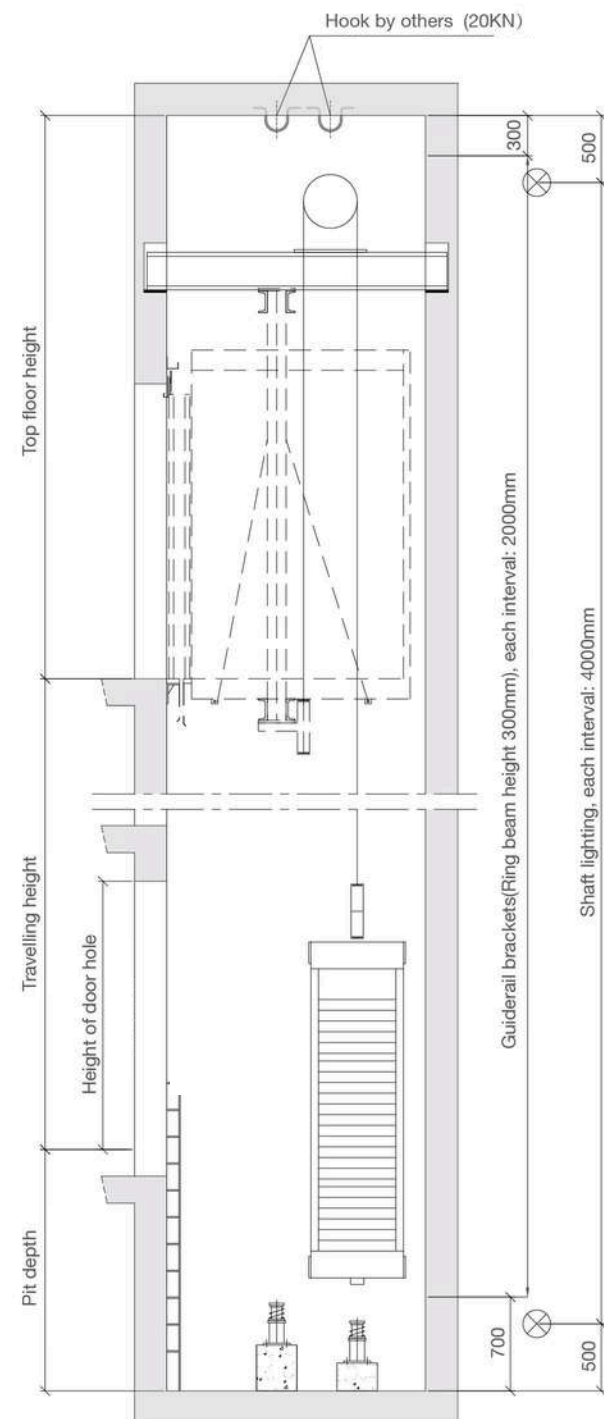
Small machine room passenger elevator parameters

Load(kg)	Speed (m/s)	Car dimension (mm)	Door-opening size(mm)	Shaft size (mm)	Machine room size (mm)	Overhead height (OH)	Pit depth (PD)
		Inner size AXB	Net door-opening	Width x depth	Width x depth		
450	1.0	1100×1100	800	1600×1650	1600×1650	4000	1500
	1.5					4500	1500
	1.75					4500	1500
630	1.0	1400X1100	800	2000X1800	2000X1800	4500	1500
	1.5					4600	1600
	1.75					4700	1700
	2.0					4800	2000
800	1.0	1400X1350	800	2000X2000	2000X2000	4500	1500
	1.5					4600	1600
	1.75					4700	1700
	2.0					4800	2000
1000	1.0	1600X1500	900	2200X2200	2200X2200	4500	1500
	1.5					4600	1600
	1.75					4700	1700
	2.0					4800	2000
1250	1.0	1800X1550	1100	2400X2300	2400X2300	4500	1500
	1.5					4600	1600
	1.75					4700	1700
	2.0					4800	2000
1350	1.0	1900X1600	1100	2500X2350	2500X2350	4500	1500
	1.5					4600	1600
	1.75					4700	1700
	2.0					4800	2000
1600	1.0	1950X1700	1100	2600X2450	2600X2450	4500	1500
	1.5					4600	1600
	1.75					4700	1700
	2.0					4800	2000

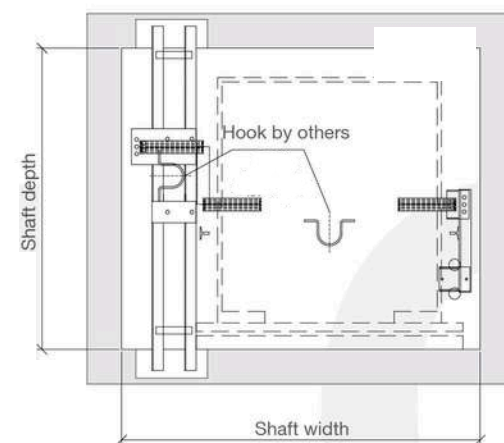
The data is for design reference only. For the detailed parameters, please take the technical drawing as the criterion.

Machine Roomless Passenger Elevator

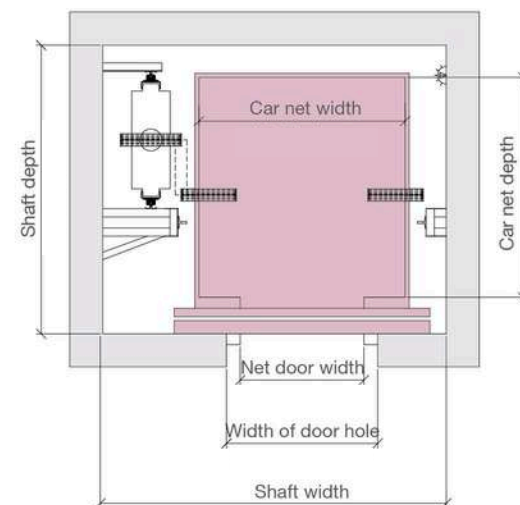
Shaft elevational drawing



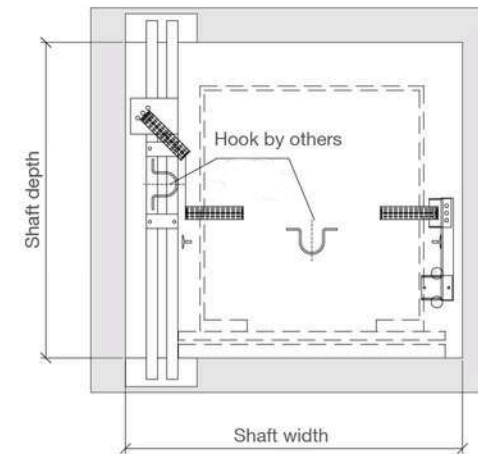
Overhead plane layout



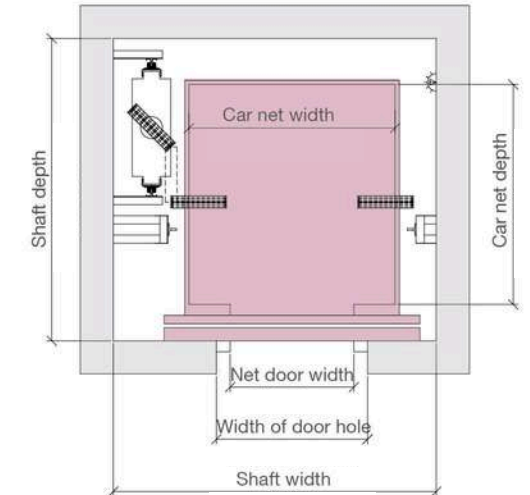
Shaft plan layout



Overhead plane layout



Shaft plan layout



Machine roomless passenger elevator parameters

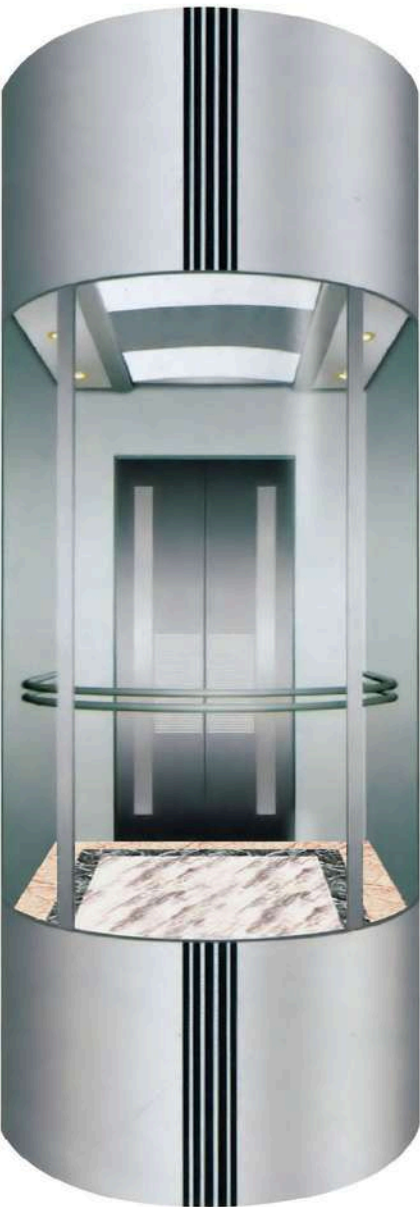
Load (kg)	Speed	Car dimension (mm)	Door-opening size(mm)	Shaft size(mm)	Overhead height	Pit depth
		Inner size AXB	Net door-opening	Width x depth		
450	1.0	1100×1100	800	1900×1600	4200	1500
	1.5				4500	1600
	1.75				4500	1700
630	1.0	1400X1100	800	2250X1700	4500	1600
	1.5				4700	1700
	1.75				4700	1900
	2.0				4900	2000
800	1.0	1400X1350	800	2250X1800	4500	1600
	1.5				4700	1700
	1.75				4700	1900
	2.0				4900	2000
1000	1.0	1600X1500	900	2450X2000	4500	1600
	1.5				4700	1700
	1.75				4700	1900
	2.0				4900	2000
1250	1.0	1800X1550	1100	2750X2050	4600	1600
	1.5				4700	1700
	1.75				4700	1900
	2.0				4900	2000
1350	1.0	1900X1600	1100	2850X2050	4700	1600
	1.5				4900	1700
	1.75				4900	1800
	2.0				5000	2000
1600	1.0	1950X1700	1100	2950X2200	4700	1700
	1.5				4900	1800
	1.75				4900	1800
	2.0				5000	2000

The data is for design reference only. For the detailed parameters, please take the technical drawing as the criterion.

PANORAMIC ELEVATOR

Panoramic elevator, a new kind of elevator which not only for loading people from one floor to another floor. It brings people sightseeing experiences when they use, and becomes a nice view in the place.

Semicircle Type Panoramic Elevator



SH -GY01

Car cover: Steel plate baking finish
Observation wall: Laminated glass
Decoration roof: LG-D19
Car wall: Hairline stainless steel
Handrail: Stainless steel pair tube
Floor: PVC/Marble



SH -D19

Central image arch, stainless steel base plate is supplemented with soft lighting design of down lamp at both sides.



SH -HG04

Pair stainless steel tube for handrail



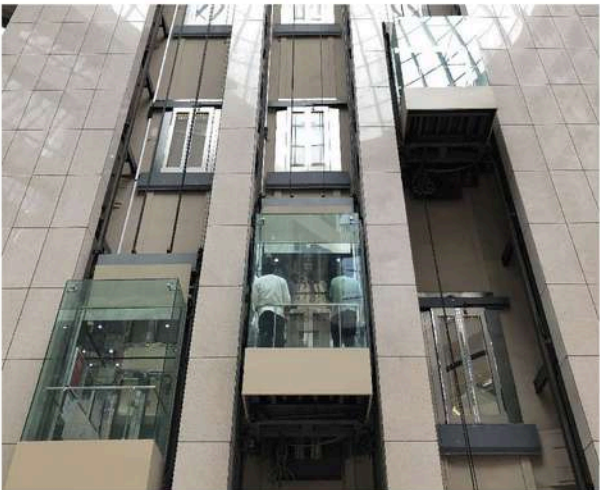
SH -F13

PVC/Marble

Exquisite Car

Different styles, elegant and beautiful elevator decoration scheme, can perfectly match all kinds of building appearance and interior decoration.

Square Type Panoramic Elevator



SH -GF01

Car cover: Steel plate baking finish, acrylic lighting decoration
Observation wall: Square, glue glass of safety clamp
Decoration roof: LG-D04
Car wall: Hairline stainless steel
Handrail: Single tube mirror
Floor: PVC/Marble



SH -D04

Stainless steel mirror base plate is supplemented with down lamp and car wall. Central part consists of soft lighting design of white light-emitting panel. ral part consists of soft lighting design of arched white light-emitting panel.



SH -H01

Single tube mirror



SH -F04

PVC/Marble

PANORAMIC ELEVATOR (SEMICIRCLE TYPE)



SH -GY02

Car cover: Mirror etching
Observation wall: 3PCS of Safety laminated glass
Decoration roof: LG-D18
Car wall: Hairline, mirror, etched, titanium
Floor: PVC/Marble
Handrail: Stainless steel single tube



SH -GY03

Car cover: Steel plate baking paint plus stainless steel hoarding and decorative lights
Observation wall: 3PCS of Safety laminated glass
Decoration roof: LG-D16
Car wall: Hairline, etching
Floor: PVC/Marble
Handrail: Stainless steel single tube



SH -GY04

Car cover: Mirror stainless steel
Observation wall: 3PCS of Safety laminated glass
Decoration roof: LG-D13
Car wall: Mirror stainless steel
Floor: PVC/Marble
Handrail: Mirror stainless steel single tube



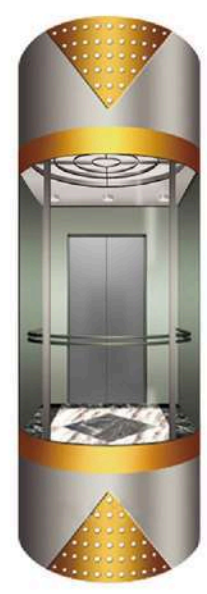
SH -GY05

Car cover: Steel plate spray paint and decorative lights
Observation wall: 3PCS of Safety laminated glass
Decoration roof: LG-D17
Car wall: Hairline, etching
Floor: PVC/Marble
Handrail: Mirror stainless steel single tube



SH -GY06

Car cover: Steel plate spraying paint and acrylic dome cover
Observation wall: 3PCS of Safety laminated glass
Decoration roof: LG-D15
Car wall: Stainless steel hairline plate
Floor: PVC/Marble
Handrail: Stainless steel double tube



SH -GY07

Car cover: Steel plate spraying
Observation wall: 3PCS of Safety laminated glass
Decoration roof: LG-D14
Car wall: Stainless steel hairline plate
Floor: PVC/Marble
Handrail: Stainless steel double tube

PANORAMIC ELEVATOR (SQUARE TYPE)



SH -GF02

Car cover: Steel plate spraying and decorative light
Observation wall: Safety laminated glass
Decoration roof: LG-D10
Car wall: Hairline board
Floor: PVC/Marble
Handrail: Stainless steel single tube



SH -GF03

Car cover: Steel plate spraying and decorative light
Observation wall: Safety laminated glass
Decoration roof: LG-D04
Car wall: Hairline board
Floor: PVC/Marble
Handrail: Stainless steel single tube



SH -GF04

Car cover: Ladder pentagon steel plate with paint and decorative light
Observation wall: Safety laminated glass
Decoration roof: Central round acrylic ceiling light, down light
Car wall: Stainless steel hairline plate
Floor: PVC/Marble
Handrail: Stainless steel single tube



SH -GF05

Car cover: Steel plate spraying
Observation wall: Safety laminated glass
Decoration roof: Mirror stainless steel, LED lights
Car wall: Safety laminated glass
Floor: PVC/Marble
Handrail: Stainless steel single tube



SH -GF06

Car cover: Steel plate spraying and decorative light
Observation wall: Safety laminated glass
Decoration roof: Mirror stainless steel, LED lights
Car wall: Stainless steel hairline plate
Floor: PVC/Marble
Handrail: Stainless steel single tube



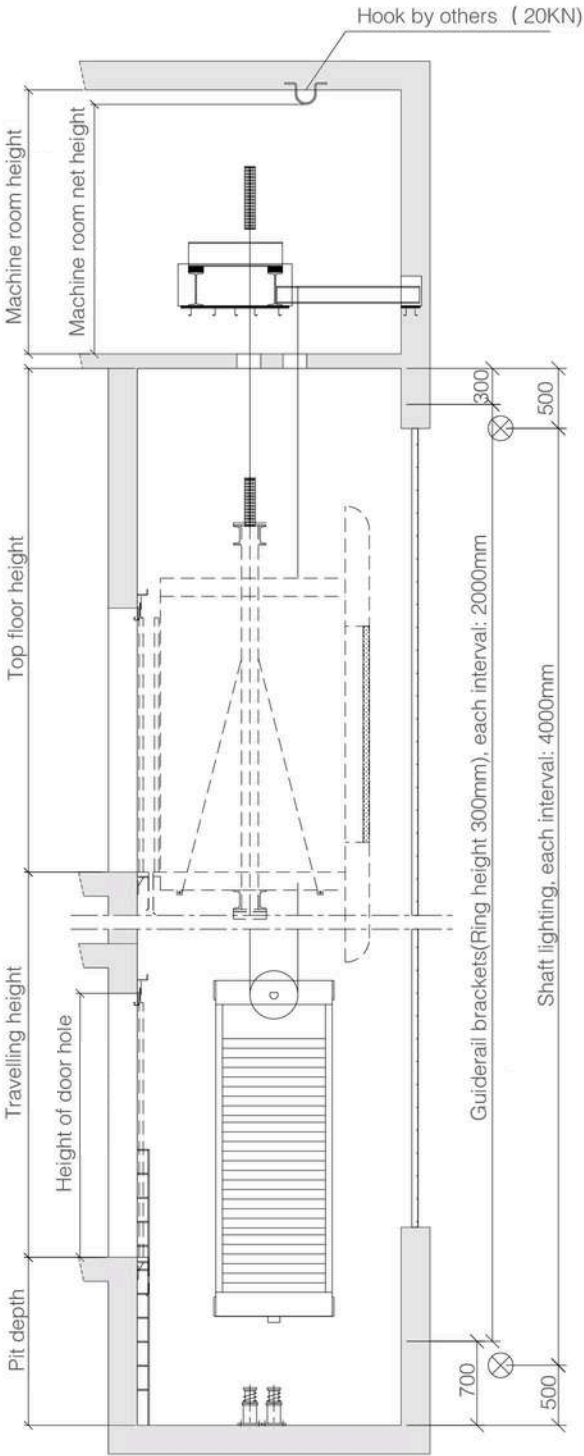
SH -GF07

Car cover: Painted steel sheet, spotlight
Observation wall: 6+6 Safety laminated glass three pieces
Decoration roof: Mirror stainless steel, LED lights
Car wall: Hairline stainless steel
Floor: PVC/Marble
Handrail: Stainless steel three tubes

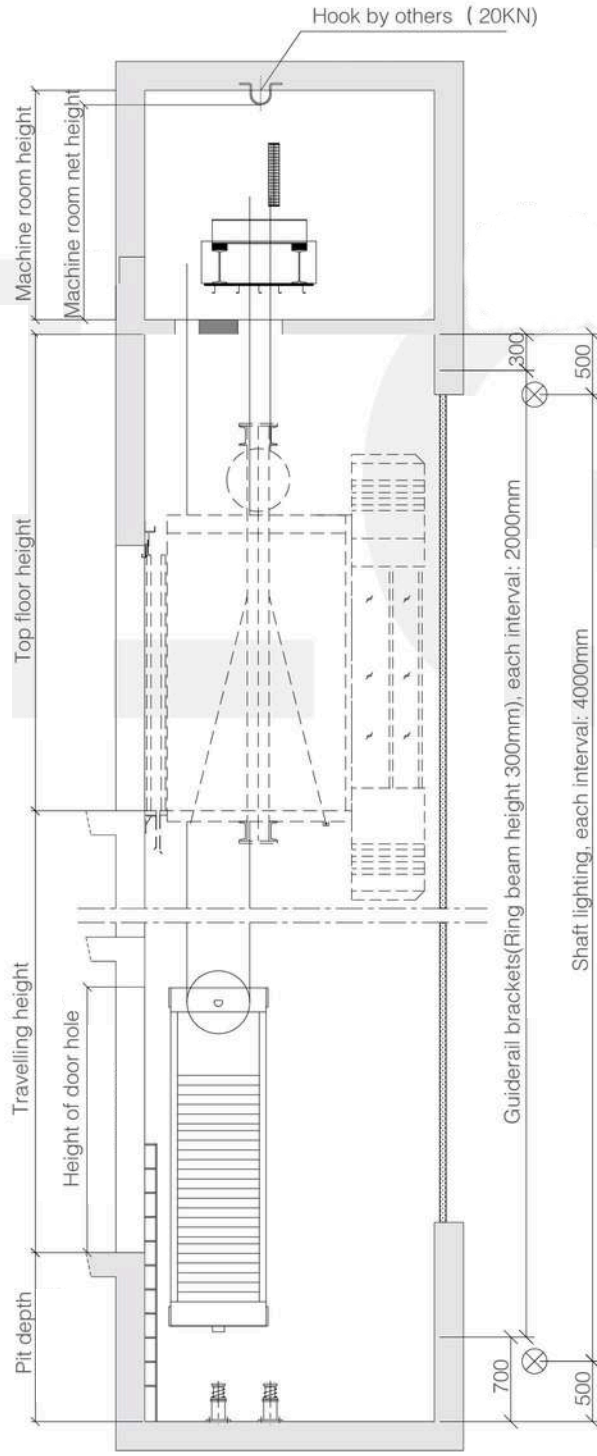
CONSTRUCTION LAYOUT DRAWING

Small Machine Room Panoramic Elevator

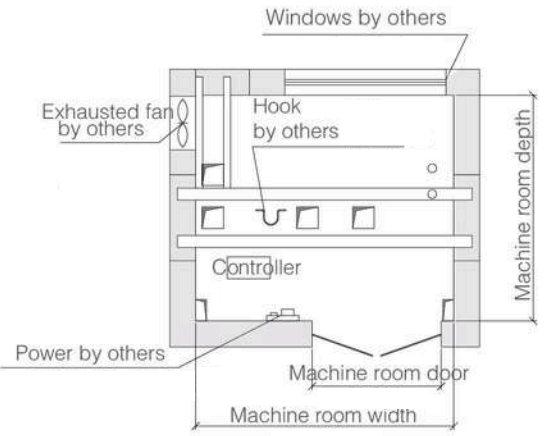
Square type shaft elevational drawing



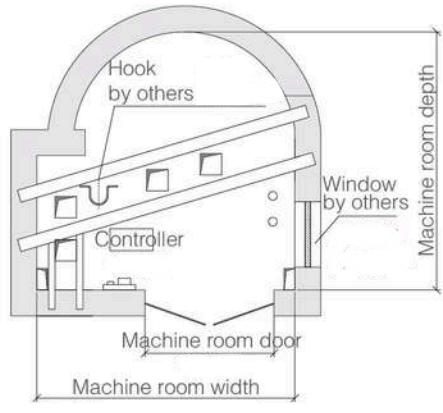
Semicircle type shaft elevational drawing



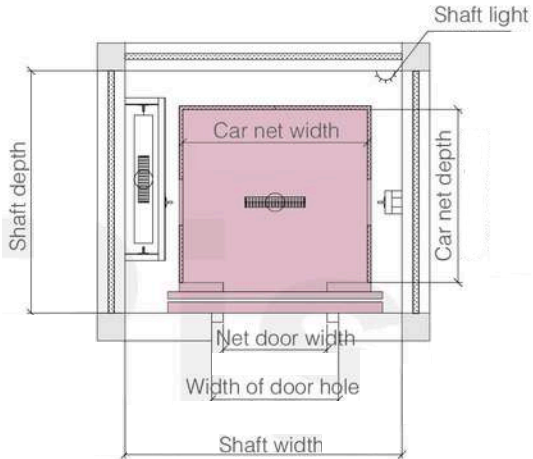
Square type machine room planform



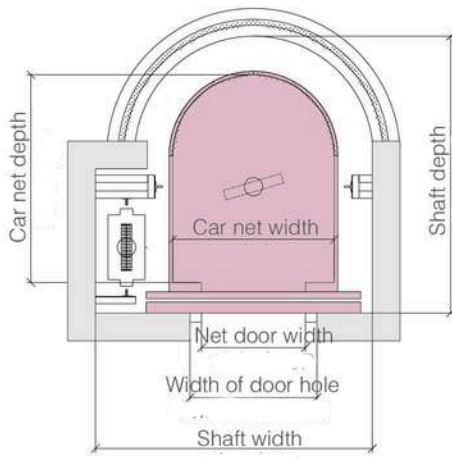
Semicircle type machine room planform



Square type shaft plan layout



Semicircle type shaft plan layout



Small machine room panoramic elevator construction parameters

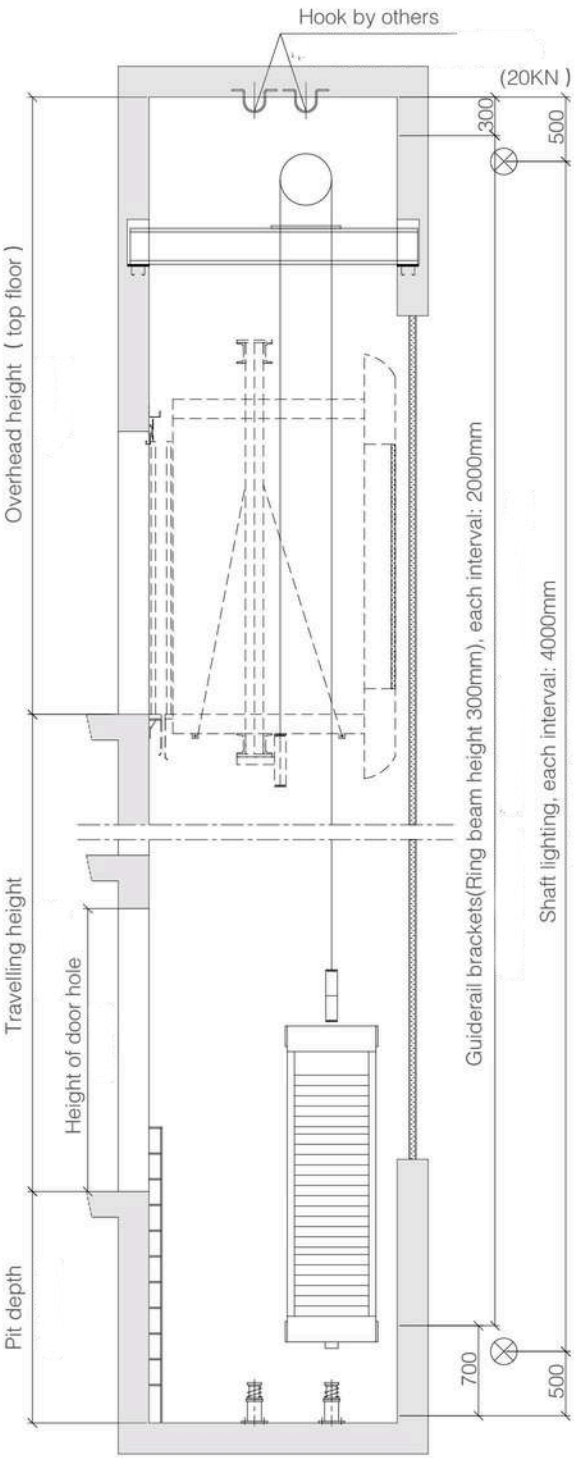
Rated capacity	Rated Speed	Door Opening	Car Size	Shaft Size	Overhead height	Pit depth
630	1.0	800×2100	1400×1100	2250×1750	4500	1600
	1.5				4500	1700
	1.75				4500	1800
800	1.0	800x2100	1350x1400	2200x1800	4500	1800
	1.5				4600	1800
	1.75				4800	1800
1000	1.0	900x2100	1400x1600	2400x1800	4500	1800
	1.5				4600	1800
	1.75				4800	1800

The data is for design reference only. For the detailed parameters, please take the technical drawing as the criterion.

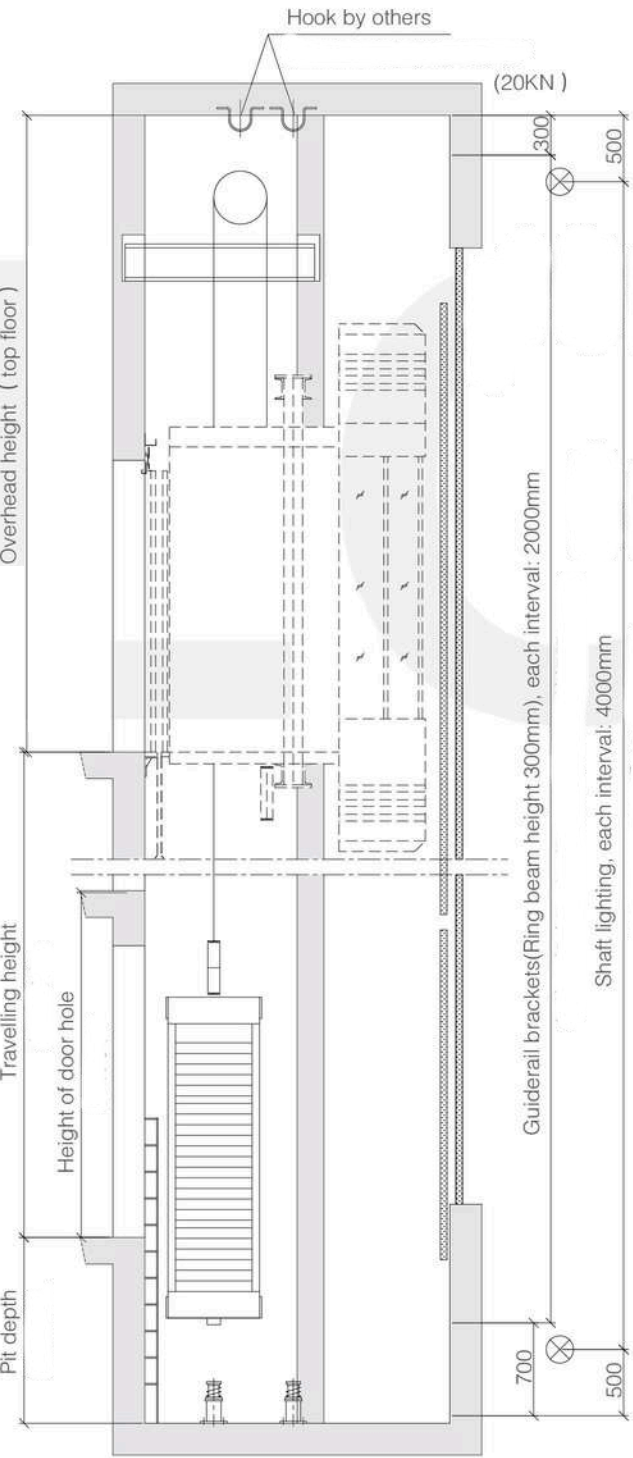
CONSTRUCTION LAYOUT DRAWING

Machine Roomless Panoramic Elevator

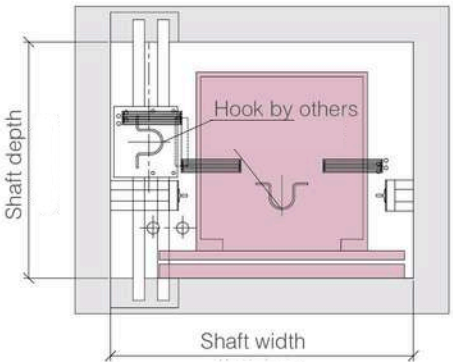
Square type shaft elevational drawing



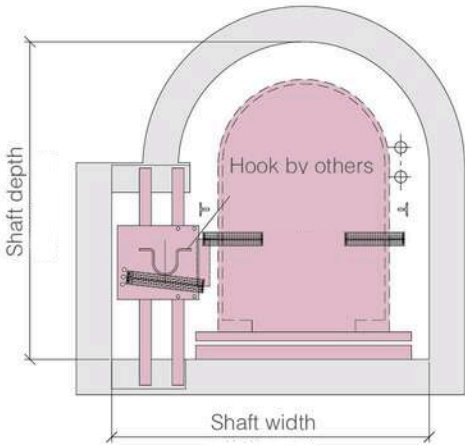
Semicircle type shaft elevational drawing



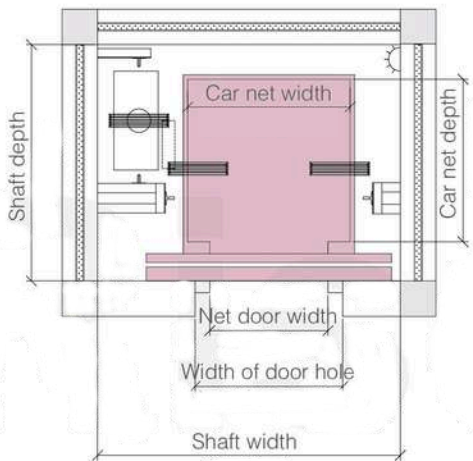
Square type top plan layout



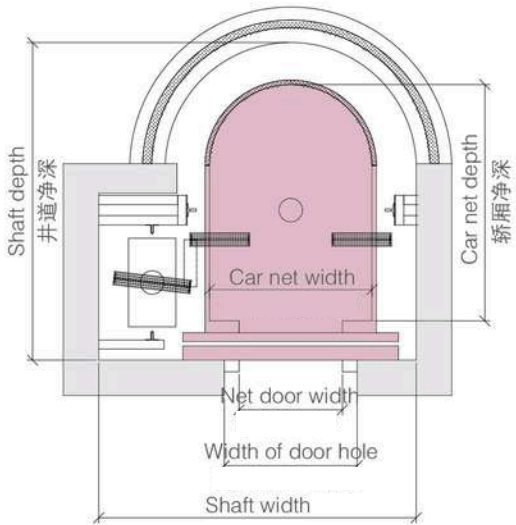
Semicircle type top plan layout



Square type shaft plan layout



Semicircle type shaft plan layout



Machine roomless panoramic elevator construction parameters

Rated capacity	Rated Speed	Door Opening	Car Size	Shaft Size	Overhead	Pit depth
630	1.0	800x2100	1400×1100	2300×1700	4500	1600
	1.5				4500	1700
	1.75				4500	1800
800	1.0	800x2100	1200x1700	2300x2300	4600	1600
	1.75				4700	1750
1000	1.0	900x2100	1400x1850	2500x2450	4600	1600
	1.75				4700	1750

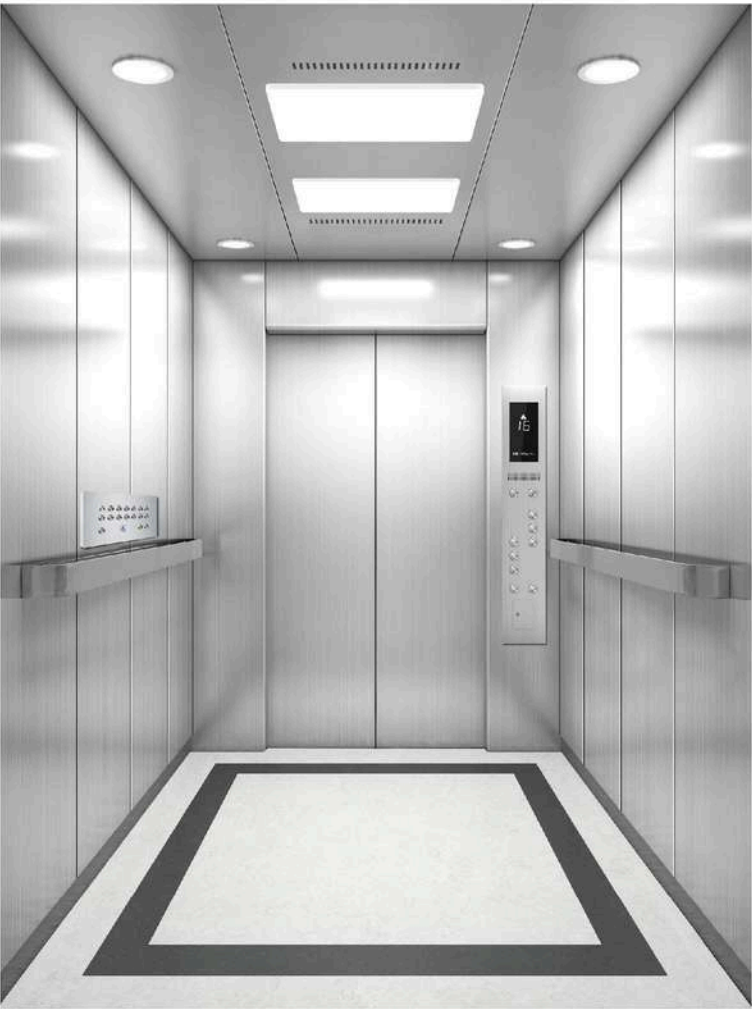
The data is for design reference only. For the detailed parameters, please take the technical drawing as the criterion.

HOSPITAL ELEVATOR

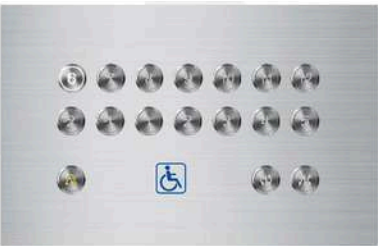
Hospital elevators are one of the supporting medical facilities provided to hospitals, modern chemical centers, nursing homes, health hospitals, etc., mainly used to transport passengers, bed, stretchers and medical equipment. Hospital elevators are a special type of elevator. Special and strict requirements for their functional performance. LG hospital elevators, there is a larger car space, more stable operating performance, transport the passengers to the destination floor quickly, comfortably, and safely.



Hospital Elevator Car



Operation Panel For Disabled

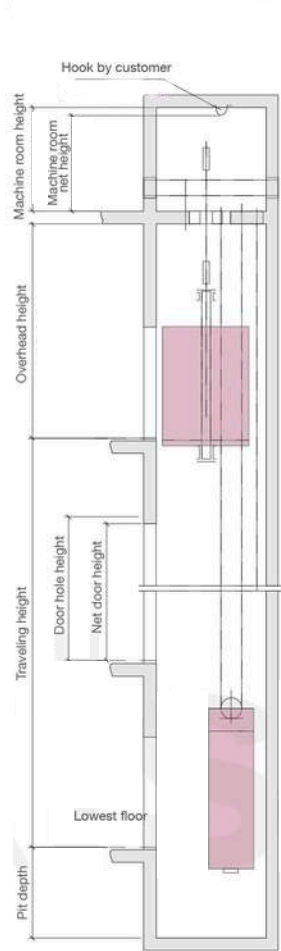


- Standard
- Ceiling: Hairline stainless steel,
fluorescent lighting, down lamp
- Car wall: Hairline stainless steel
- Handrail: Flat stainless steel
- Floor: PVC floor

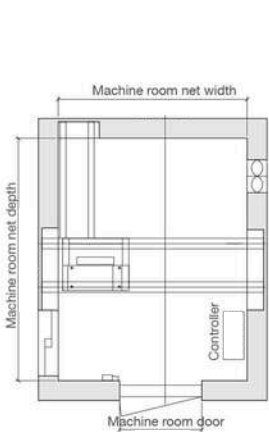
CONSTRUCTION LAYOUT DRAWING

Hospital Elevator

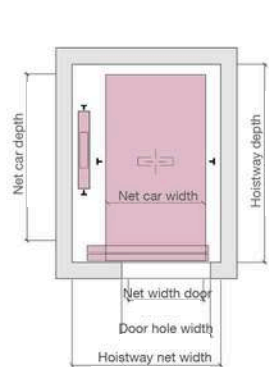
Shaft vertical section layout



Machine room plan view



Shaft plane layout



Hospital elevator construction parameters

Rated capacity	Rated speed (m/s)	Net size of car			Door opening	Net door opening		Hoistway net size		Minimum pit depth (mm)	Minimum top height (mm)	Machine room net height (mm)
		Net width	Net depth	Total height	center opening side opening	Net width	Net height	Hoistway net width	Hoistway net depth			
1600	1.0	1400	2400	2500	中分两扇门	1100	2100	2500	2800	1250	4000	2300
	1.75									1400	4200	
	2.0									1500	4500	
	2.5									1800	4800	
	3.0									2600	5500	
1600	1.0	1400	2400	2500	旁开两扇门	1100	2100	2250	2900	1250	4000	2300
	1.75									1400	4200	
	2.0									1500	4500	
	2.5									1800	4800	
	3.0									2600	5500	
2000	1.0	1500	2700	2500	中分两扇门	1200	2100	2650	3100	1250	4000	2300
	1.75									1400	4200	
	2.0									1500	4500	
	2.5									1800	4800	
	3.0									2600	5500	
2000	1.0	1500	2700	2500	旁开两扇门	1200	2100	2350	3200	1250	4000	2300
	1.75									1400	4200	
	2.0									1500	4500	
	2.5									1800	4800	
	3.0									2600	5500	

The data is for design reference only. For the detailed parameters, please take the technical drawing as the criterion.

FREIGHT ELEVATOR

Freight elevator, more and more popular using in buildings. It has big loading from 1000kg to 10000kg, most efficient machine for cargo loading.



Your Goods Transportation Expert

- ◆ The worm-and-worm-wheel traction technology, and other advanced driving and feedback technologies, such as vector control and distance control, are used to make the elevator demonstrate perfect running quality.
- ◆ Realizing precise and stable leveling with lower noise, adopt highly intensive profile making for sturdy and durable use.
- ◆ Large door opening space, adopt multi-folds lift car door to achieve maximum width for door opening, which is convenient for ingress and egress of large goods.

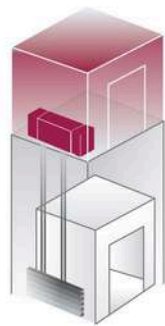


Machine Roomless Freight Elevator

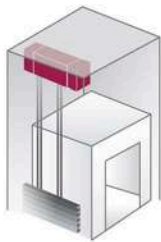
Adopt advanced PMSM gearless machine, saving deceleration device with large size, greatly saving space, improving arrangement in well of elevator, there is no need for extra increase in structure strength of building, there is no need for machine room, saving construction space, thus reducing greatly construction cost.

First choice for economic type freight

Well is needed to finish integrated installation, reducing effectively construction space cost.
The design with no machine room is small and exquisite compared with traditional elevator, integrating flexibly into construction.



Traditional machine room freight elevator

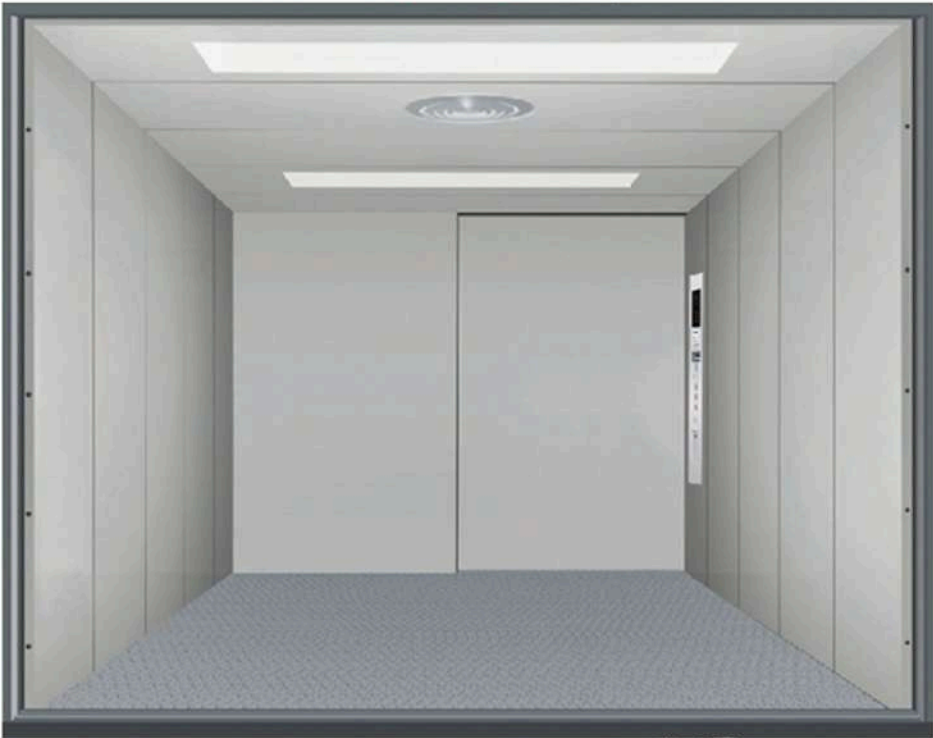


Machine roomless freight elevator



FREIGHT ELEVATOR

Side Opening



Side opening (This is for reference only.)

SH -C01

Standard

- Car wall: Painted steel
- Car top: Painted steel
- Ventilation: Circular fan
- Car door: Painted steel
- Floor: Chequered plate steel
- Sill: Iron

4-Panels Center Opening



SH -C03

Optional

- Car wall: Painted steel
- Car top: Painted steel
- Ventilation: Circular fan
- Car door: Painted steel
- Floor: Chequered plate steel
- Sill: Iron

2-Panels Center Opening



SH -C02

Standard

- Car wall: Painted steel
- Car top: Painted steel
- Ventilation: Circular fan
- Car door: Painted steel
- Floor: Chequered plate steel
- Sill: Iron

All Hairline Stainless Steel Finish



SH -C04

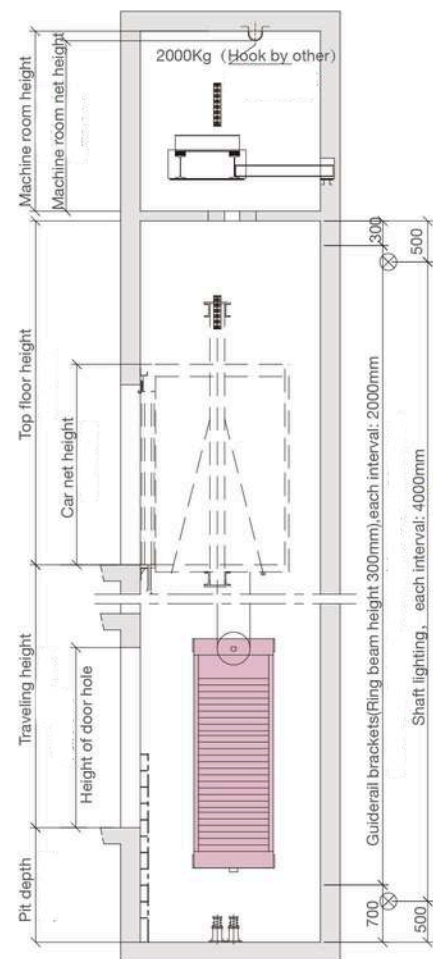
Optional

- Car wall: Hairline stainless steel
- Car top: Hairline stainless steel
- Ventilation: From car roof
- Car door: Hairline stainless steel
- Floor: Chequered plate steel
- Sill: Iron

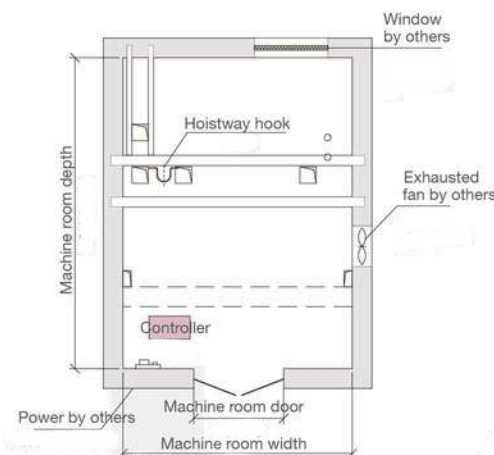
Freight Elevator With Machine Room

Machine Roomless Freight Elevator

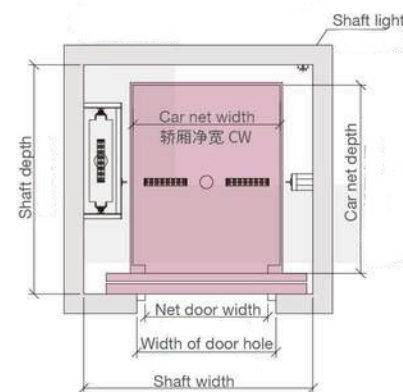
Shaft elevational drawing



Machine room plane layout



Shaft plane layout

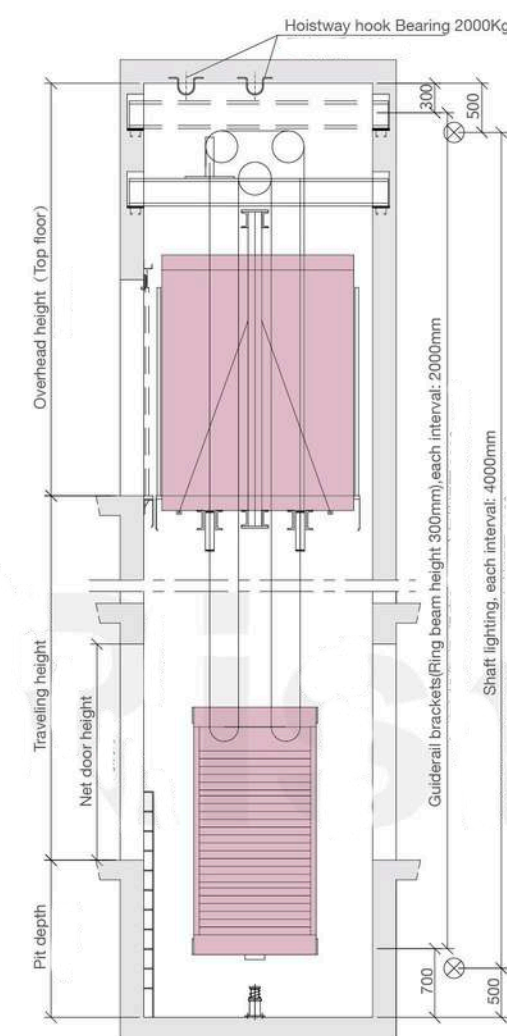


Freight elevator construction parameters

Load (kg)	Speed(m/s)	Door open type	Car size CW×CD	Door open size OP×OPH	Shaft size HW×HD	Machine room size MW×MD×HT	Pit depth	Overhead height
1000	0.5	Center opening	1400×1600	1000×2100	2200×2100	2200×3600	1400	4200
	1.0	Double-folded side-opening		1200×2100				
	0.5							
	1.0							
1600	0.5	Center opening double-folded	1500×2300	1300×2100	2400×2800	2400×4000	1400	4300
	1.0	Double-folded side-opening						
	0.5							
	1.0							
2000	0.5	Center opening double-folded	1900×2200	1600×2200	2950×2700	2950×4000	1500	4500
		Double-folded side-opening			2800×2700	2800×4000		
3000	0.5	Center opening double-folded	2200×2550	1800×2200	3300×3050	3300×4200	1600	4600
		Double-folded side-opening			3150×3050	3150×4200		
5000	0.25	Center opening double-folded	2500×3500	2400×2200	4000×4000	4050×5000	1600	4600
	0.5							

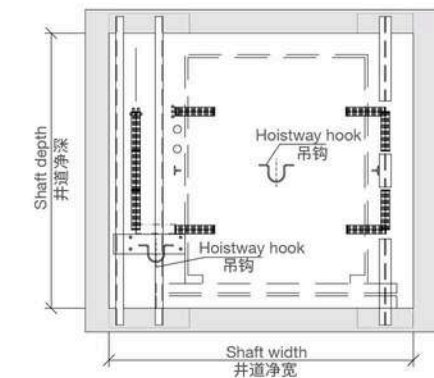
The data is for design reference only. For the detailed parameters, please take the technical drawing as the criterion.

Shaft vertical section layout



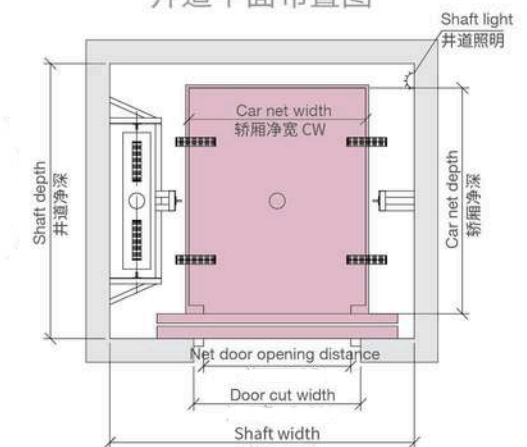
Top floor planform

顶层平面布置图



Shaft plane layout

井道平面布置图



Machine roomless freight elevator construction parameters

Load (kg)	Speed(m/s)	Door open type	Car size CW×CD	Door open size OP×OPH	Shaft size HW×HD	Pit depth	Overhead height
1000	0.5	Double-folded side-opening	1400×1600	1200×2100	2200×2100	1400	4200
	1						
2000	0.5		1900×2200	1600×2100	3050×2700	1600	4500
3000	0.5		2000×2900	1800×2100	3400×3400	1600	4600
4000	0.5		2200×3350	2000×2100	3800×3850	1600	4950
5000	0.5		2200×4090	2200×2100	4000×4600	1600	4950

The data is for design reference only. For the detailed parameters, please take the technical drawing as the criterion.



HOME ELEVATOR

Home elevator, it's not only an elevator in the house, but also a household appliance which upgrades people's home life.

SH professional home elevator adhere to the product concept of "Precision, Customization, Profession", applies more advanced intelligent and secure technology, chooses more superior materials and equipment, to be the upgraded choice of modern people who pursue good life quality.

Shaft Frame

Semicircle external glass structure Circle internal and external glass structure Square external glass structure

Shaft glass color optional selection



Frosted glass



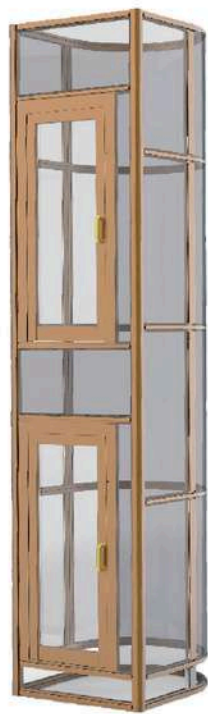
Transparent glass



Brown glass

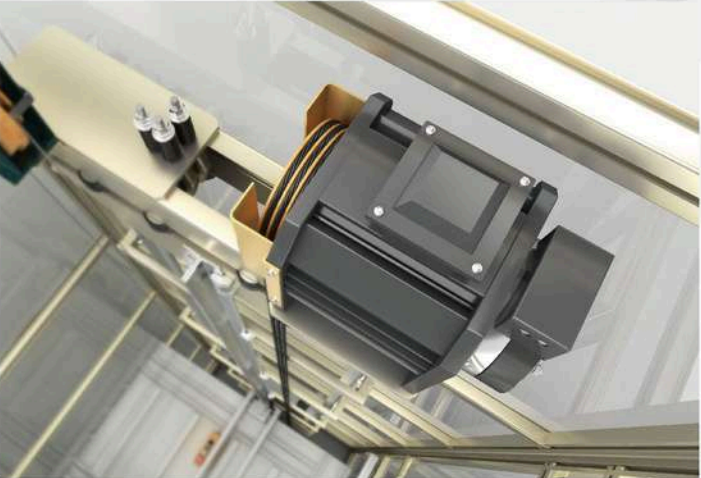


Dark grey glass



Traction-type Home Elevator

It doesn't need a dedicated machine room. Occupies a small area in shaft. Has low requirements for the top height and the pit depth. It is suitable for various villa structures. Runs stably, without unbalance loading.



Steel Belt-type Home Elevator

It changes the traditional main motor technology, adopts the design integrating driving wheels and traction rods. The efficiency of its main motor is 20% higher than that of drive motors. The composite flat steel belt has features like high wear resistance and low vibration, which ensures stable and quiet running for long time.



Different Doors Of Home Elevator



Mirror stainless steel



Short hairline stainless steel (Anti-fingerprint)



Automatic glass door



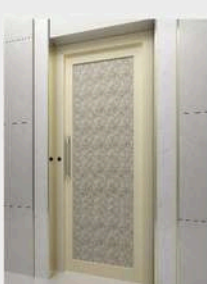
Rose gold stainless steel



Rose gold mirror etching stainless steel



Titanium mirror etching stainless steel



Glass door with gold frame by hand



Glass door by hand

HOME ELEVATOR



SH -J01

Side wall: Hairline stainless steel
Rear wall: Hairline stainless steel
Ceiling: Hairline stainless steel + LED lights
Floor: PVC/Marble
Handrail: Hairline stainless steel



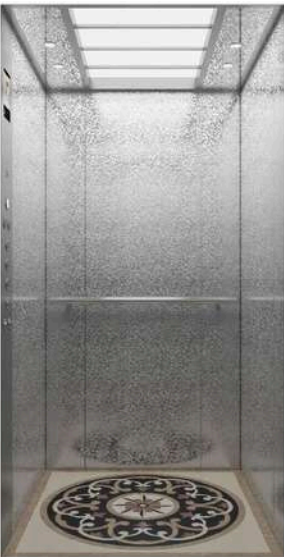
SH -J02

Side wall: Hairline stainless steel + Mirror stainless steel
Rear wall: Hairline stainless steel
Ceiling: Hairline stainless steel + LED lights
Floor: PVC/Marble
Handrail: Hairline stainless steel



SH -J03

Side wall: Mirror stainless steel
Rear wall: Mirror stainless steel
Ceiling: Mirror stainless steel + LED lights
Floor: PVC/Marble
Handrail: Mirror stainless steel



SH -J04

Side wall: Mirror etched stainless steel
Rear wall: Mirror etched stainless steel
Ceiling: Mirror stainless steel+LED lights
Floor: PVC/Marble
Handrail: Mirror stainless steel



SH -J05

Side wall: Mirror stainless steel
Rear wall: Wooden grain + Hairline stainless steel
Ceiling: Mirror stainless steel + LED lights
Floor: PVC/Marble
Handrail: Mirror rosewood



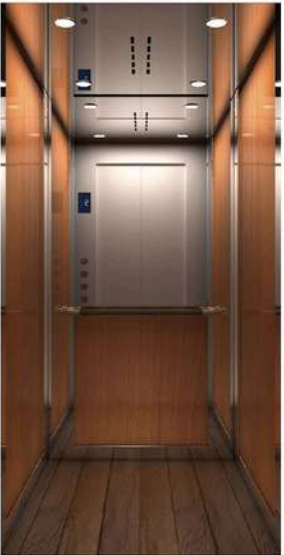
SH -J06

Side wall: Wooden grain + Titanium black mirror stainless steel
Rear wall: Wooden grain + Mirror stainless steel + Titanium black mirror stainless steel frame
Ceiling: Mirror stainless steel + LED lights
Floor: PVC/Marble
Handrail: Mirror stainless steel



SH -J07

Side wall: Titanium hairline stainless steel
Rear wall: Titanium mirror stainless steel + Titanium hairline stainless steel
Ceiling: Titanium mirror stainless steel + LED lights
Floor: PVC/Marble
Handrail: Titanium stainless steel



SH -J08

Side wall: Wooden grain
Rear wall: Wooden grain + Mirror stainless steel
Ceiling: Mirror stainless steel + LED lights
Floor: PVC/Marble
Handrail: Wooden grain + Titanium stainless steel



SH -J09

Side wall: Wooden grain
Rear wall: Mirror stainless steel + Wooden grain
Ceiling: Mirror stainless steel+LED lights
Floor: PVC/Marble
Handrail: Titanium stainless steel

HOME ELEVATOR



SH-J10

Ceiling: Mirror stainless steel, acrylic transparent panel, LED lights
Car wall: hairline stainless steel, champagne gold mirror stainless steel etching, champagne gold mirror stainless steel, black acrylic strip
Floor: PVC (marble optional)



SH-J11

Ceiling: Black titanium mirror stainless steel
Car wall: Art glass + hairline stainless steel + black titanium mirror
Floor: PVC (marble optional)



SH-J14

Ceiling: Wood veneer, rose hairline stainless steel, hidden light belt around, LED lights (stainless steel can be sprayed with steel)
Car wall: Rose gold etching
Floor: PVC (marble optional)



SH-J15

Ceiling: rose gold mirror stainless steel, linear light, LED light
Car wall: Rose hairline stainless steel, rose gold mirror stainless steel etching
Floor: PVC (marble optional)



SH-J16

Ceiling: Black titanium mirror stainless steel modeling + spotlights + soft light on both sides of the acrylic lighting
Back wall: Black titanium hairline stainless steel (anti-fingerprint) + middle marble finish
Side wall: Black titanium hairline stainless steel (anti-fingerprint) + black titanium mirror stainless steel
Floor: Fish belly white rock slab



SH-J17

Ceiling: Black titanium stainless steel, black titanium mirror stainless steel, light belt, LED light
Car wall: Black titanium hairline, black titanium mirror stainless steel
Floor: PVC (marble optional)



SH-J12

Ceiling: High end customized platinum plate, LED light
Car wall: Mirror stainless steel, wood veneer
Floor: PVC (marble optional)



SH-J13

Ceiling: four sides of black titanium stainless steel decorative strip, steel spray around hidden lights with light, small spotlights
Car wall: Champagne hairline stainless steel, wood finish, black titanium trim strip, hidden lighting
Floor: PVC (marble optional)



SH-J18

Ceiling: Black titanium hairline stainless steel, LED lights, glass
Rear wall: Glass
Side walls: Black titanium hairline stainless steel, glass
Front wall: Black titanium hairline stainless steel, glass
Handrail: Black titanium stainless steel
Floor: PVC (marble optional)



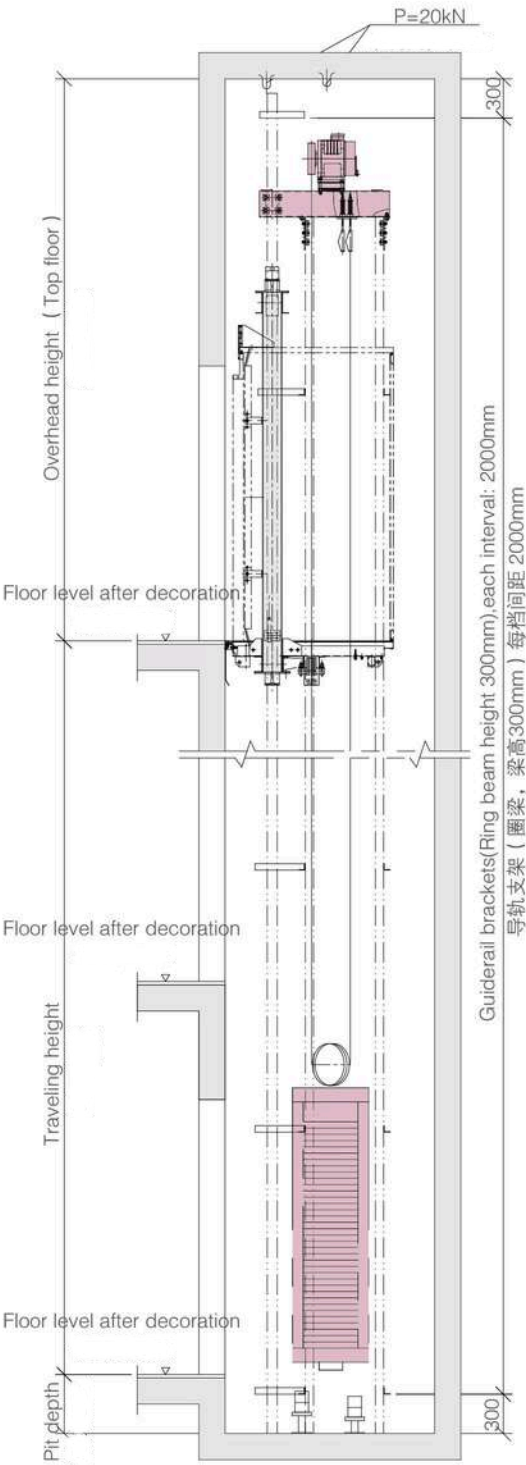
SH-J19

Ceiling: Starry sky ceiling
Rear wall: Glass
Side walls: Black titanium hairline stainless steel, glass
Front wall: Black titanium hairline stainless steel, glass
Handrail: Black titanium stainless steel
Floor: PVC (marble optional)

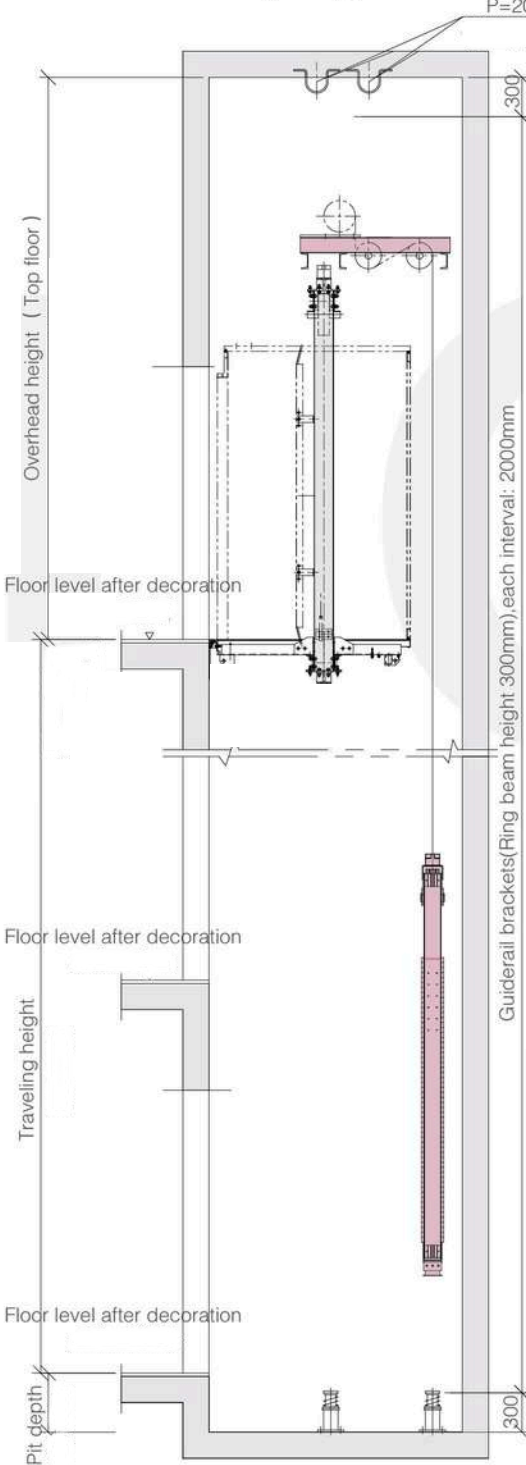
CONSTRUCTION LAYOUT DRAWING

Home Elevator

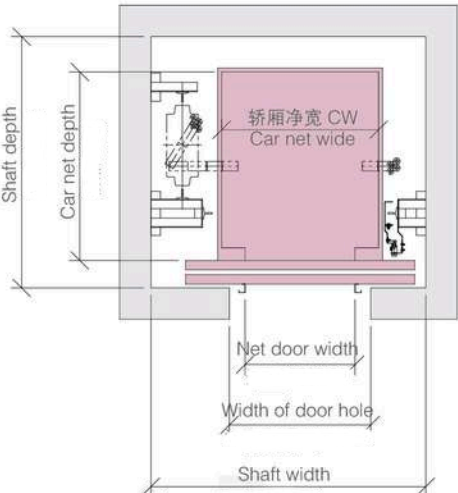
Shaft vertical section layout
(C.W.T on two side)



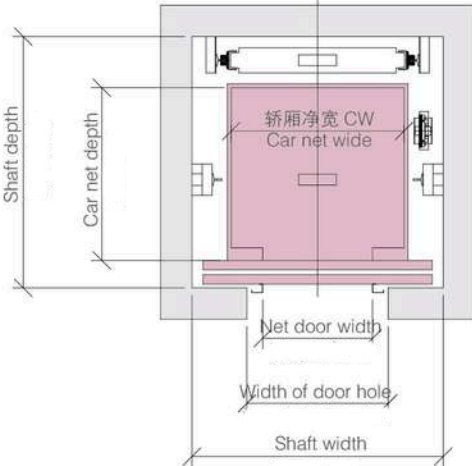
Shaft vertical section layout
(C.W.T on rear side)



Shaft plane layout
(C.W.T on two side)



Shaft plane layout
(C.W.T on rear side)



Home elevator construction parameters

Load	Speed	Door opening	Car size (mm) (Width×Depth)	Shaft Size (mm) (Width×Depth)	Over head height	Pit depth (mm)
250	0.4	600x2000	950x1000	1600x1350	3600	650
320	0.4	650x2000	1000x1050	1650x1400	3600	650
400	0.4	700x2000	1050x1100	1700x1450	3600	650

The data is for design reference only. For the detailed parameters, please take the technical drawing as the criterion.

DOOR PANEL FINISHES

Etched stainless steel



SH-T01
Hairline Stainless Steel



SH-T02
Mirror Stainless Steel



SH-T03
Painted Steel



SH-T04
Etched stainless steel



SH-T05
Etched stainless steel



SH-T06
Etched stainless steel



SH-T07
Etched stainless steel



SH-T08
Etched stainless steel



SH-T09
Etched stainless steel



SH-T10
Etched stainless steel



SH-T11
Etched stainless steel



SH-T12
Etched stainless steel

Etched stainless steel



SH-T13
Etched stainless steel



SH-T14
Etched stainless steel



SH-T15
Etched stainless steel



SH-T16
Etched stainless steel



SH-T17
Etched stainless steel



SH-T18
Etched stainless steel



SH-T19
Etched stainless steel



SH-T20
Etched stainless steel



SH-T21
Etched stainless steel



SH-T22
Etched stainless steel



SH-T23
Etched stainless steel



SH-T24
Etched stainless steel

DOOR PANEL FINISHES

Gold mirror etched stainless steel



SH-T25

Gold mirror etched stainless steel



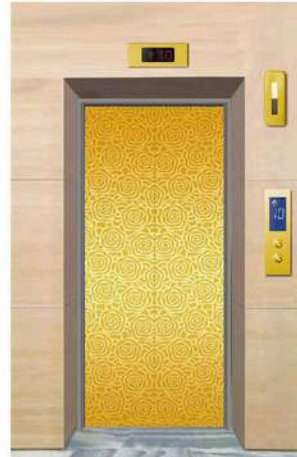
SH-T26

Gold mirror etched stainless steel



SH-T27

Gold mirror etched stainless steel



SH-28

Gold mirror etched stainless steel



SH-T29

Gold mirror etched stainless steel



SH-T30

Gold mirror etched stainless steel



SH-T31

Gold mirror etched stainless steel



SH-T32

Gold mirror etched stainless steel



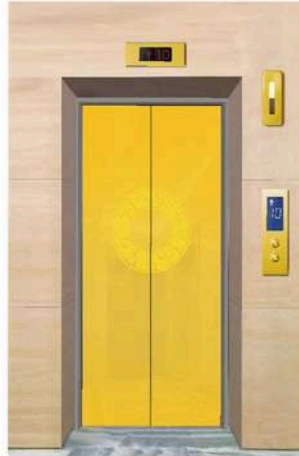
SH-T33

Gold mirror etched stainless steel



SH-T34

Gold mirror etched stainless steel



SH-T35

Gold mirror etched stainless steel



SH-T36

Gold mirror etched stainless steel

Rose gold mirror etched stainless steel / Glass door



SH-T37

Rose gold mirror etched stainless steel



SH-T38

Rose gold mirror etched stainless steel



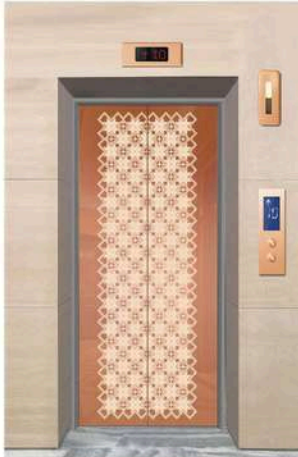
SH-T39

Rose gold mirror etched stainless steel



SH-T40

Rose gold mirror etched stainless steel



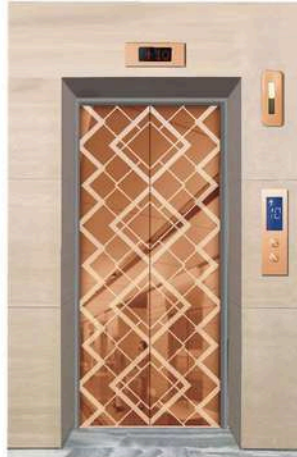
SH-T41

Rose gold mirror etched stainless steel



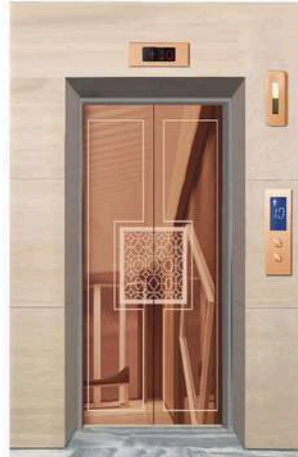
SH-T42

Rose gold mirror etched stainless steel



SH-T43

Rose gold mirror etched stainless steel



SH-T44

Rose gold mirror etched stainless steel



SH-T45

Safety laminated glass + Hairline



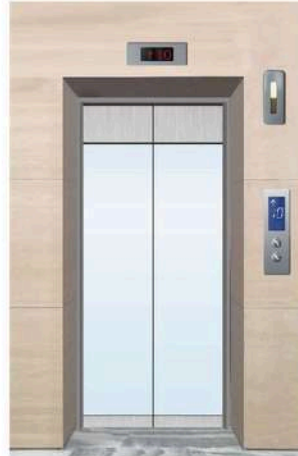
SH-T46

Safety laminated glass + Hairline



SH-T47

Safety laminated glass + Hairline



SH-T48

Safety laminated glass + Hairline

CAR OPERATION PANEL (C.O.P)



SH-CZ001

(Integrated Type)

(Blue LCD display)

SH-CZ002

(Integrated Type)

(White Dot Matrix Display)

SH-CZ003

(Integrated Type)

(Picture/Video Display)

SH-CZ004

(Independent Type)

(White Dot Matrix Display)

MORE DISPLAY TYPES

Dot Matrix Display



Red on black,
single display



White on black,
single display



Yellow on black,
single display



White on blue



White on black



Yellow on black

Picture & Video Display (Transverse type)



8.1inch~19 inch

Picture & Video Display (Vertical type)



8.1inch~19 inch

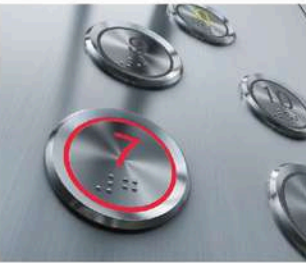
Button Background Light



White



Yellow



Red



Green

MORE TYPES C.O.P

C.O.P For Home Elevator



SH-JW01



SH-JW02

C.O.P For Disabled Persons



SH-CJ01



SH-CJ02

Touch Screen C.O.P



SH-CP01(10.4 in)



SH-CP02(12.1 in)



SH-CP03(28.6 in)



SH-CP04(38 in)

HALL OPERATION PANEL (H.O.P)

Hall Operation Panels (H.O.P) Without bottom box



SH-WH001



SH-WH002



SH-WH003



SH-WH004



SH-WH005



SH-WH006



SH-WH007



SH-WH008



SH-WH009



SH-WH010

Duplex H.O.P



SH-WH001D



SH-WH002D



SH-WH003D



SH-WH004D



SH-WH005D



SH-WH006D

MORE FASHIONABLE C.O.P & H.O.P OPTIONS



ARRIVAL LIGHTS



NEW WIDE JAMB MATERIAL



H.O.P For Home Elevator



Transom Display Panels



HANDRAILS



SH-H01
Single tube mirror



SH-H02
Single tube titanium



SH-H03
Double tube mirror



SH-H04
Double tube titanium



SH-H05
Three-tube handrail



SH-H06
Three-tube titanium



SH-H07
Titanium rosewood



SH-H08
Titanium rosewood



SH-H09
Flat steel hairline



SH-H10
Flat steel rose gold



LG-H11
Solid wood, stainless steel on both sides



LG-H12
Titanium stainless steel

Handrails For Panoramic Elevator

We design different kinds of handrails with different materials, like stainless steel round pipe, ellipse pipe, titanium gold pipe, square pipe, wooden pipe, hairline pipe, you can select one which you prefer.



SH-HG01
Stainless steel tube model handrail



SH-HG02
Stainless steel tube model handrail



SH-HG03
Stainless steel tube model handrail



SH-HG04
Pair Stainless steel tube for handrail



SH-HG05
Stainless steel tube model handrail



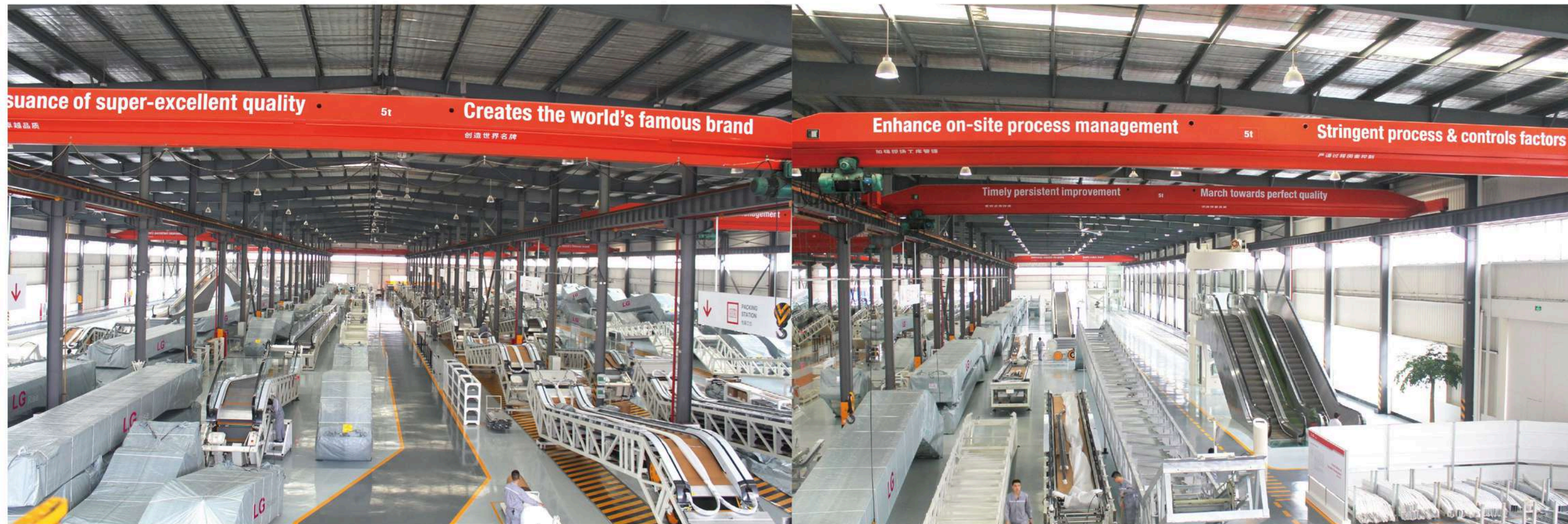
SH-HG06
Triple stainless steel tube for handrail

CEILING



FLOORS (PVC/MARBLE)

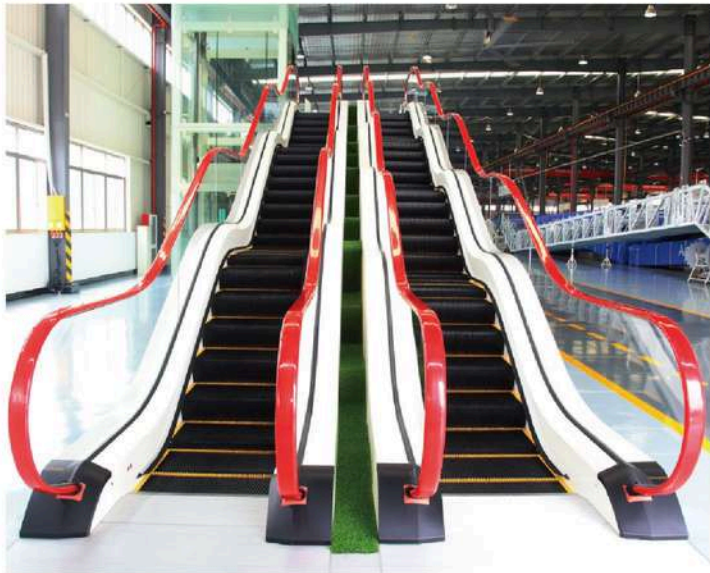




ESCALATOR

Our escalators will meet the requirements of different customers by excellent performance as well as practical and flexible design. The Variable Voltage and Variable Frequency (VVVF) technology, and refined manufacture process, make the escalators more perfect, secure, energy-saving and easier for maintenance.

Escalators are widely used in the places with large passenger flow like shopping malls, supermarkets, subways and airports, etc. Our esalators have features including beautiful appearance, deliate&stable structure, durable steps, modern senses.



EIGHT SAFETY DESIGNS

1 Handrail entry protection

Safety protective device is installed at handrail entry. The escalator will stop running when unknown objects are clamped at handrail entry.



2 Step sagging protection

In order to guarantee the passengers' and equipment's safety, the escalator will stop running when the step is sagging or broken.



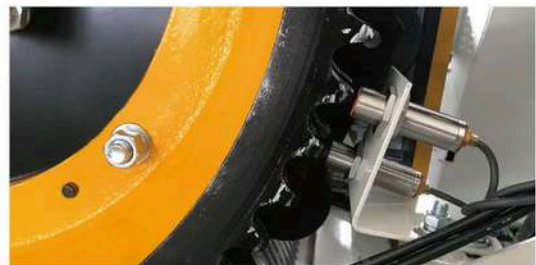
3 Drive chain protection

The escalator will stop running when the drive chains are over pulled or broken.



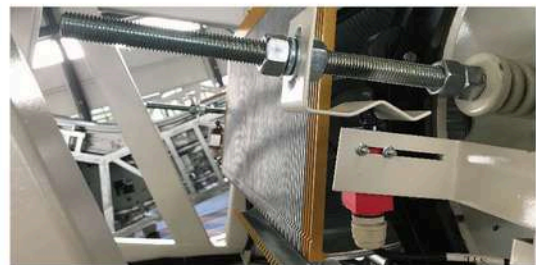
4 Anti-reversal protection

Speed and running direction sensors are installed at machine side. The machine will safety brake when the escalator makes non-operating reverse.



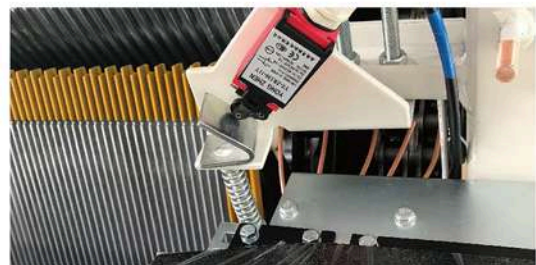
5 Step chain break protection

The escalator will stop running when the step chain is broken, over pulled or over shortened.



6 Comb plate protection

When unknown objects are placed in between moving steps and static comb plate, the safety switches installed to monitor two sides of comb plate will be activated, thus the escalator will stop running.



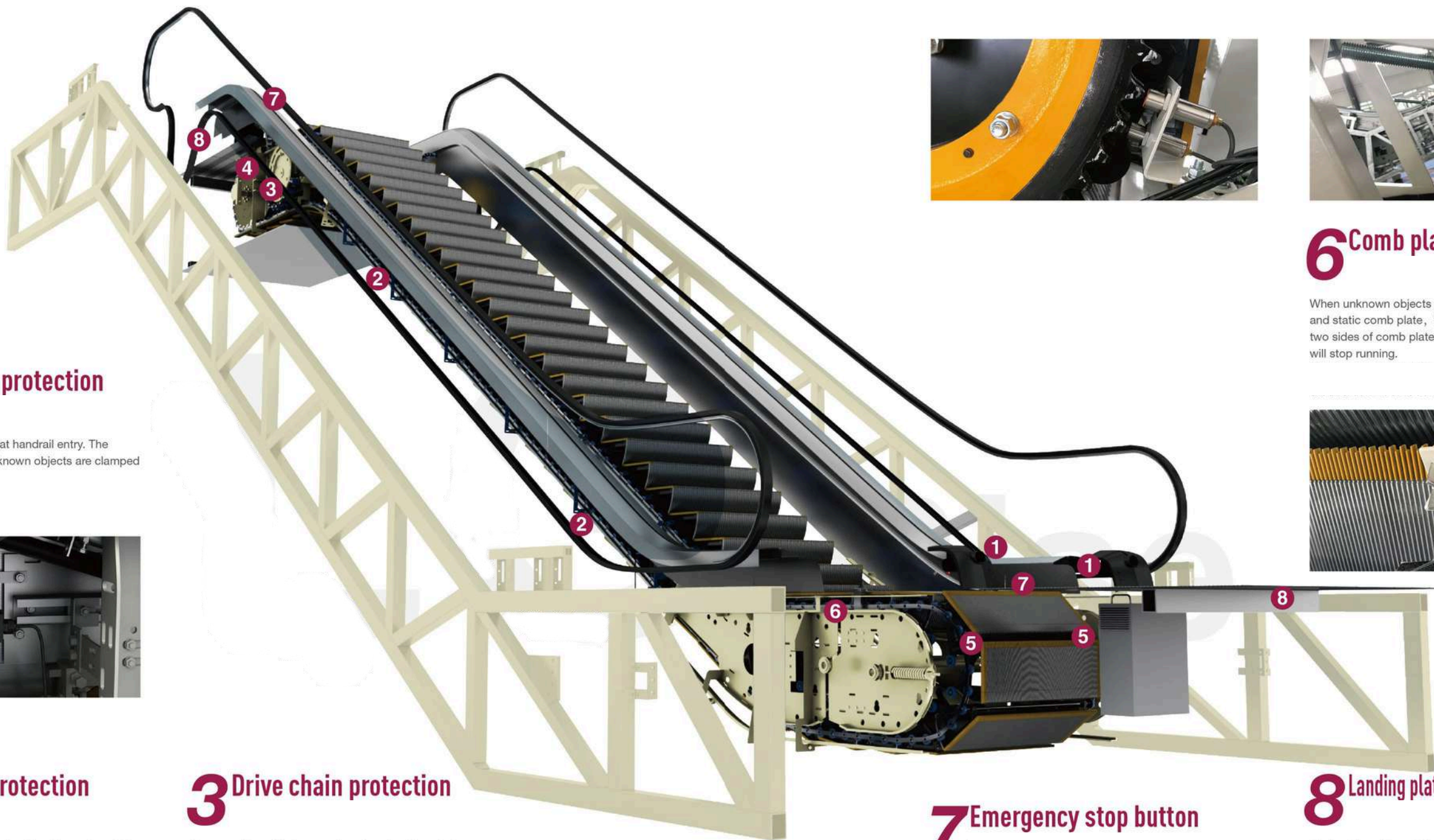
7 Emergency stop button

The escalator will stop running when the button is pressed.



8 Landing plate opening protection device

The landing plate safety switch will be activated when landing plate is opened, which will cut off the safety circuit and the escalator stops running.



ESCALATOR FUNCTION

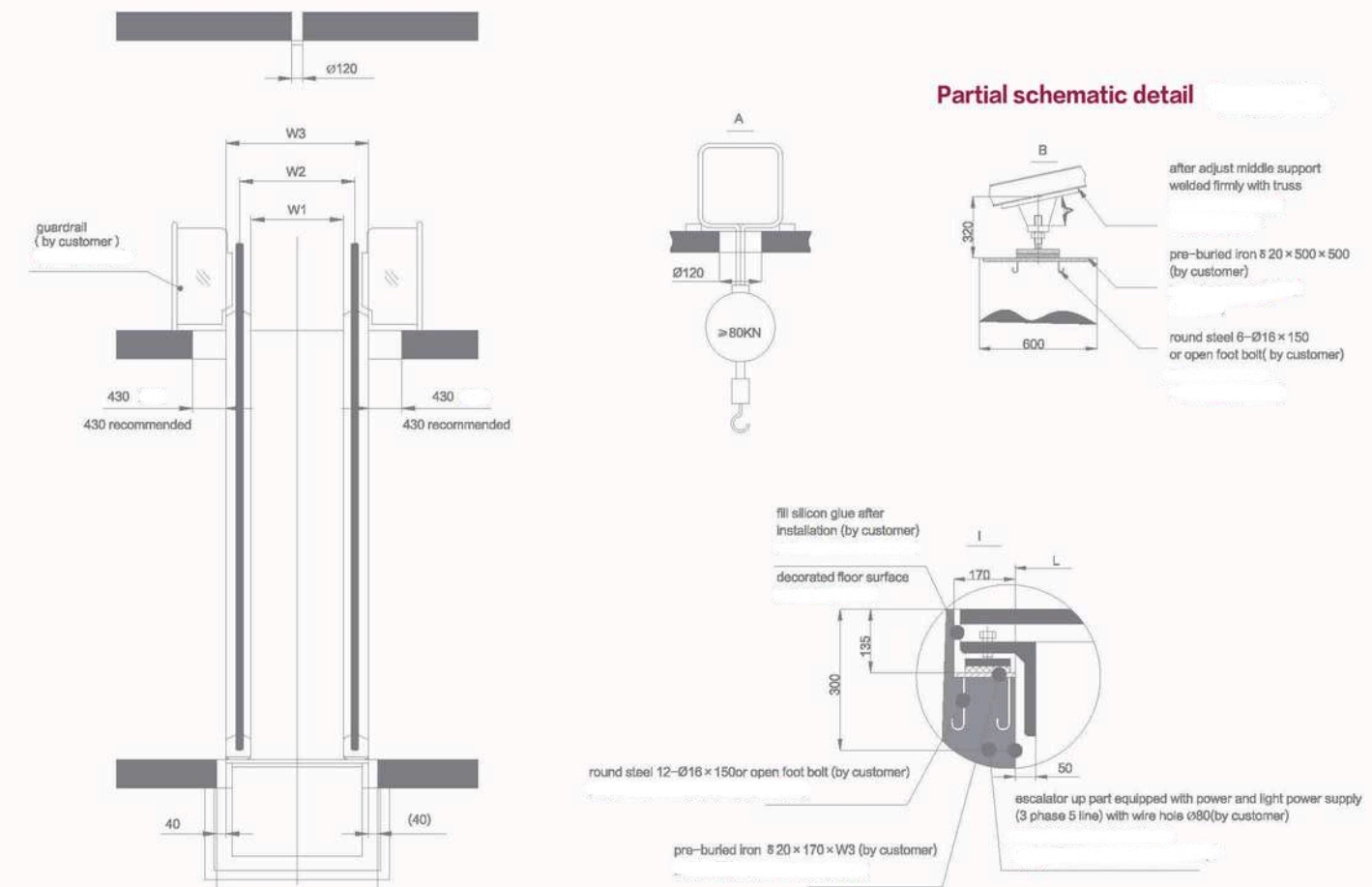
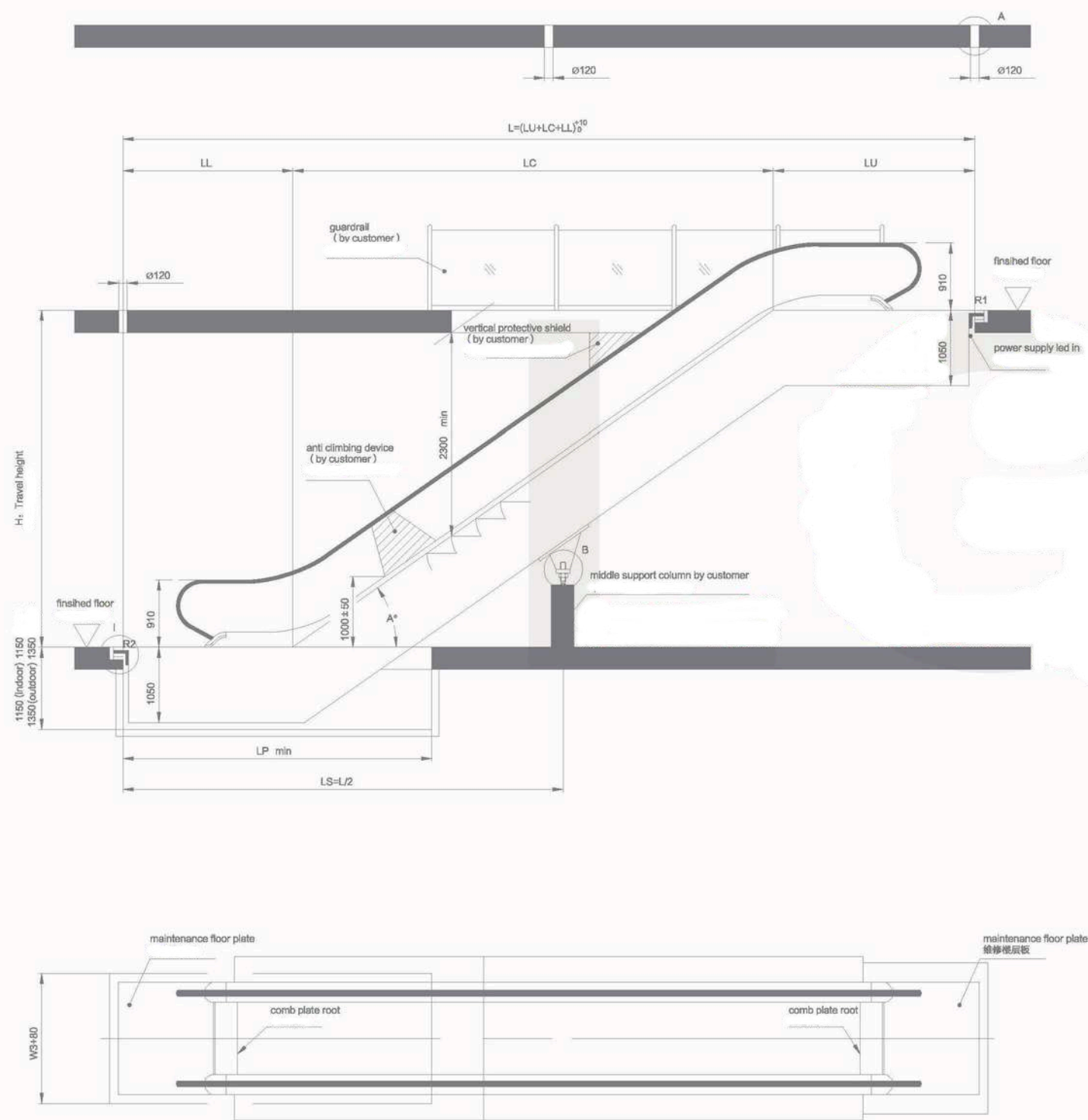
Standard Function	Function Introduction
Drive chain safety device	If the drive chain is broken or unnecessarily long, it will touch and activate the safety switch, which will cut off the safety circuit and make the escalator stop running.
Phase protection device	The device will be activated when power phase dislocation or lack detected, which will make the escalator stop running or unable to start.
Step chain broken protection device	Step chain broken switches are installed at the two sides of lower machine room. When the step chain is abraded or unnecessarily shortened with unknown reason, the safety switches will be activated to cut off the safety circuit and the escalator stop running.
Handrail entry protection device	If any unknown objects get clamped at handrail entry, the switch will be activated to cut off the safety circuit and the escalator stop running.
Emergency stop button	Emergency stop buttons are installed at upper and lower ends. Press the emergency stop buttons when there is any emergent situation to cut off the safety circuit to stop the escalator from running.
Non-operating reversal protection device	When the escalator is changing its set running direction, the control system will make the motor off power, and the escalator will stop running.
Comb plate safety device	When unknown objects are into comb plate, the comb plate will make some movements to front. When moves to a certain distance, the inclined block under comb plate will strike the safety switch and activate it, then the safety circuit will be cut off and the escalator stop running.
Landing plate opening protection device	The landing plate safety switch will be activated when landing plate is opened, which will cut off the safety circuit and the escalator stop running.
Step missing protection device	When step is detected to be missing, the control system will stop the escalator from running.
Handrail speed detection protection	When the handrail speed is not in accordance with step running speed, the system will stop the escalator from running.
Step sagging protection device	When step or roller is broken, it will sag and activate the safety switch, which will cut off the safety circuit and stop the escalator from running.
Motor overload protection	When the motor current is detected to over the set value, safety switch will be activated, then to stop the escalator from running.
Circuit grounding device	Grounding device is set in control system circuit, which will effectively protect the electrical components from damages and improve the escalator running reliability.
Step gap illumination	Install green lighting below the steps at upper and lower ends, which improve the brightness at entrance and exit, leading passengers to safely taking the escalators.
Overspeed & underspeed protection	When escalator is running at set overspeed or underspeed, the control system will cut off motor power so that the escalator will stop running.
Upper and lower inspection switches and sockets	Inspection switches and sockets are installed at upper and lower machine room, which is convenient for the maintenance worker to do their job.
Yellow demarcation lines	The steps are with yellow demarcation lines at front and sides, leading passengers to safely taking the escalator and improve the safety.
Automatic lubrication device	Automatic lubricating system with oil level detection device will stop the escalator to avoid over abrasion.
Brake release detecting	When the escalator is setting in motion and the brake didn't release, the control system will cut off motor power to stop the escalator from running to protect the machine.
Step anti-static brush	This device will induct the step surface static electricly into ground to avoid the electric shock when passengers touch the steps.
Skirt panel anti-clamp device	When passengers stand at the edges of the step, they will touch the brush. It will remind them to stand at the middle of the step to avoid their cloths getting clamped into the gaps between steps and skirt panel.
Fault code display	When there is any fault, the fault display will show the fault codes to ensure that parts with fault can be precisely noticed , which can greatly improve maintenance efficiency.

Standard Function	Function Introduction
Handrail anti-static device	This device will induct the handrail surface static electricity into ground to avoid the electric shock when passengers touch the handrail.
Start-up alarm	When the escalator is setting in motion, the start-up alarm will ring to warn the passengers to keep eye on their safety.
Working brake	It's a main device to brake the escalator. When the escalator is setting in motion, the motor brake will release and escalator runs at normal conditions. When escalator stops, the working brake will be power off and activated and thus escalator stops running.
Machine room protection plate	Protection plate is used to separate moving parts area and static parts area at upper and lower machine rooms to ensure maintenance workers' safety.
Machine flywheel guard opening monitoring switch	When use handwheel device, control system will make the motor power off, enable to start up in order to keep maintenance workers' safety.
Hand wheel protection	Protection Cover is installed on machine hand wheel flywheel to keep workers from damages.
Main power switch	Main power switch is installed above the controller, which is convenient for the maintenance workers to cut off the power once enter into the machine room.
Portable lighting	Portable lighting is equipment, which can be convenient for the maintenance workers to get access to lights.
Safety alarm signs	Safety alarm signs are installed at upper and lower ends according to relevant standards to warn passengers to keep an eye on safety.

Optional Function	Function Introduction
VVVF low speed	Adopts economic dual speed running mode according to the passenger flows where the escalators are installed. When there is no passenger, the escalator will automatically change to run at a low speed; once there is a passenger coming up, it will change to normal running speed, which is more efficient and energy-saving.
Auxiliary brake	The auxiliary brake will be put into use when the working brake is not working or drive chain broken, which effectively slowly stop the downward running escalator and finally keep static to ensure passengers' safety.
Handrail broken protection device	When the handrail is broken during escalator running, the handrail broken protection switch will be activated and cut off the safety circuit, and then the escalator will be stopped.
Skirt panel protection device	When unknown objects are into the gaps between steps and skirt panel, the skirt panel will be out of shape. When deformed to certain position, it will strike the safety switch and activate it, then the safety circuit will be cut off and the escalator stop running.
VVVF auto-start	Adopts smart running modes according to the passenger flows where the escalators are installed. When there is no passenger, the escalator will automatically change to run at a low speed and then stops; once there is a passenger coming up, it will automatically start up, and quickly change to normal speed running, which is smarter, more efficient and energy-saving.
Comb lighting	The comb lighting is installed on the skirt panel beside the comb plate, offering lighting to step and comb plate, which help passengers safely take the escalator.
Handrail lighting	Lighting is installed at upper part of handrail balustrade, which delivers more enjoyments and safety.
Skirt panel lighting	Lighting is installed at skirt panel, which delivers more enjoyments and safety.
Oil/water separator	The oil and water will be separated via the oil/water separator. The water will be vented and oil regularly cleaned, which is environmentally friendly.
Water level safety switch	When the water level reaches alarm line, the water level safety switch will be activated and cut off the safety circuit, and then the escalator will stop running.
Heating device	Heating devices installed inside the escalator is mainly used to heat machine, control system, step route, comb plate and handrail ect. to avoid components frozen situations, which is suitable for public escalators at northern cold areas.

CONSTRUCTION LAYOUT DRAWING

E100 Commercial Escalator



Degree A (°)	Supports number	Rated width W1	Support force R1(kN)	Support force R2(kN)	Support force RM1(kN)
35	2	600	$3.28 \times L + 7$	$3.28 \times L + 2$	—
		800	$3.98 \times L + 9$	$3.98 \times L + 3$	—
		1000	$4.68 \times L + 13$	$4.68 \times L + 5$	—
30	2	600	$3.24 \times L + 14$	$3.24 \times L + 8$	—
		800	$3.82 \times L + 17$	$3.82 \times L + 11$	—
		1000	$4.4 \times L + 21$	$4.4 \times L + 13$	—
	3	800	$1.91 \times L + 12$	$1.91 \times L + 7$	$3.82 \times L + 9$
		1000	$2.2 \times L + 16$	$2.2 \times L + 8$	$4.4 \times L + 10$
		1000	$2.2 \times L + 16$	$2.2 \times L + 8$	$4.4 \times L + 10$

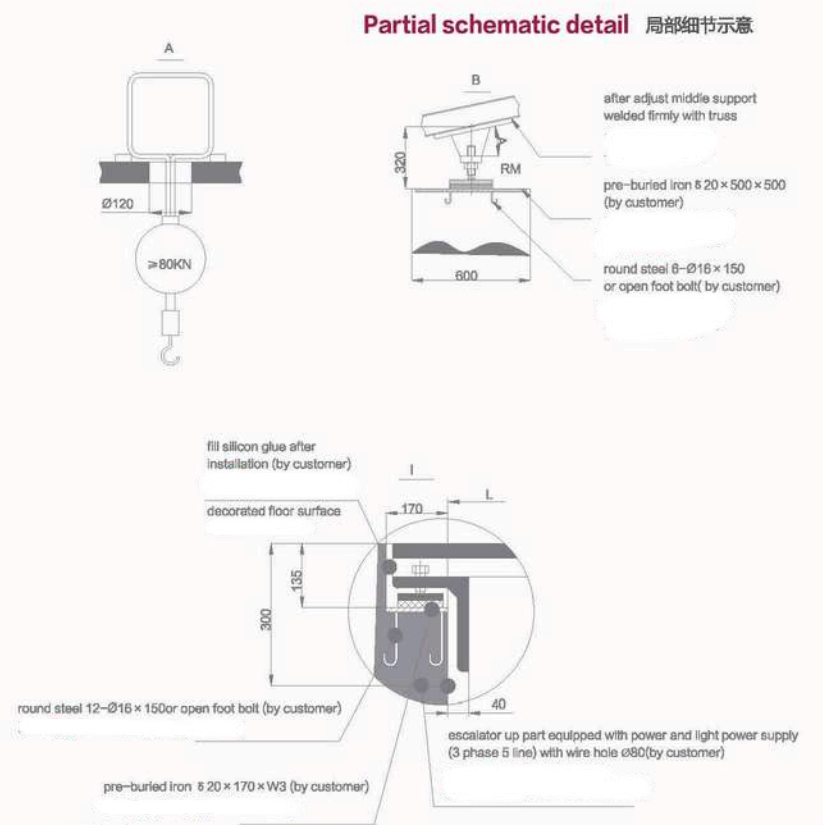
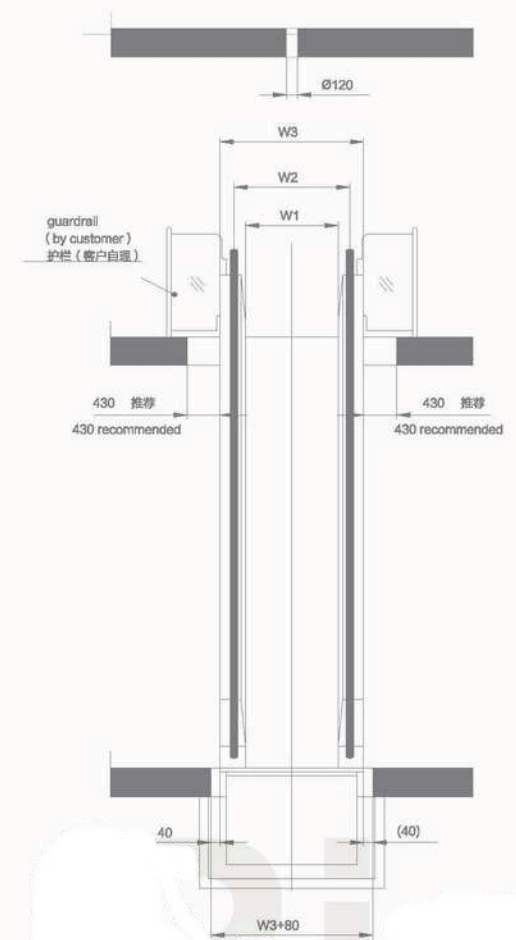
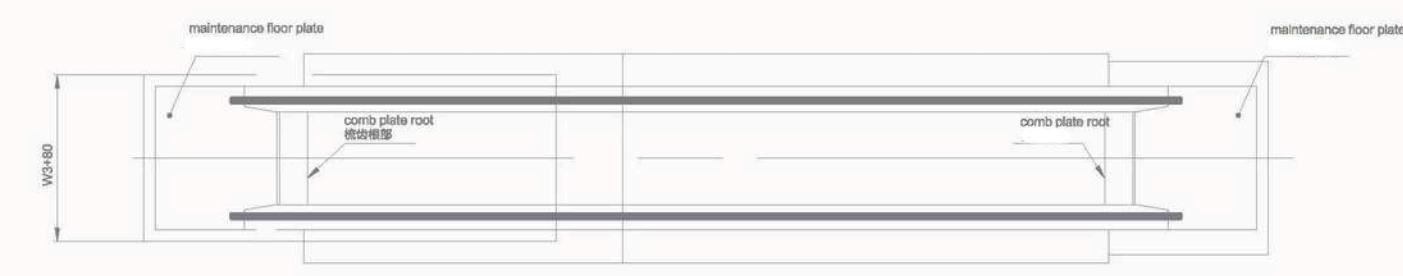
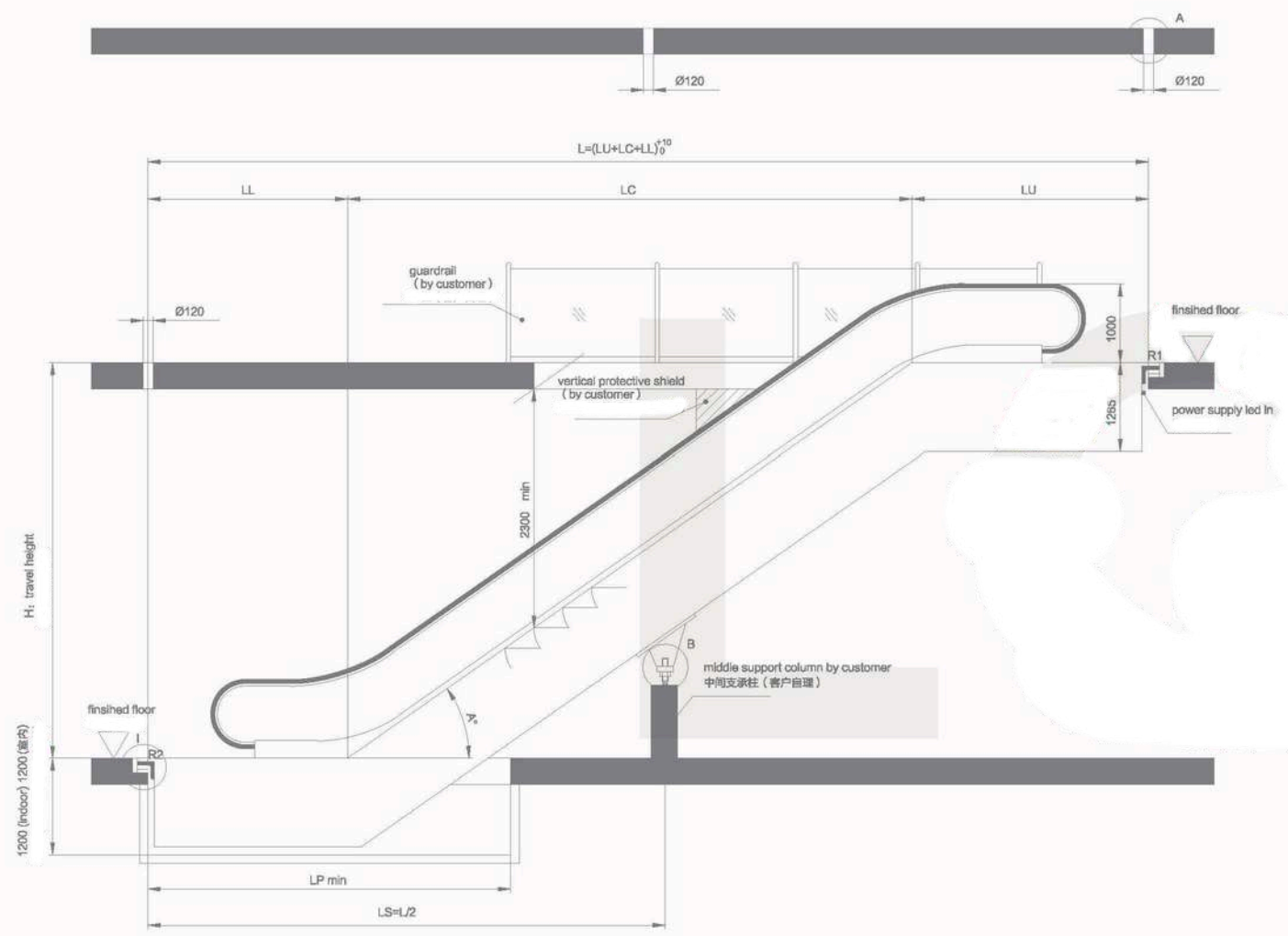
Degree A (°)	Flat step	LL (mm)	LC (mm)	LU (mm)	Rated width W1	Handrail center distance W2	Escalator out width W3	Pit length LP
35	2	2275	$1.428 \times H$	2550	1000	1237	1540	4100
					800	1037	1340	
					600	837	1140	
30	2	2245	$1.732 \times H$	2485	1000	1237	1540	4300
					800	1037	1340	
					600	837	1140	
30	3	2645	$1.732 \times H$	3177	1000	1237	1540	4700
					800	1037	1340	
					600	837	1140	

When the step width is 800mm, LU+417mm.

Note: this drawing is not made in scale, above parameter is only for reference. Construction refers to confirmed contract.

CONSTRUCTION LAYOUT DRAWING

E1300 Public Escalator



Partial schematic detail 局部细节示意

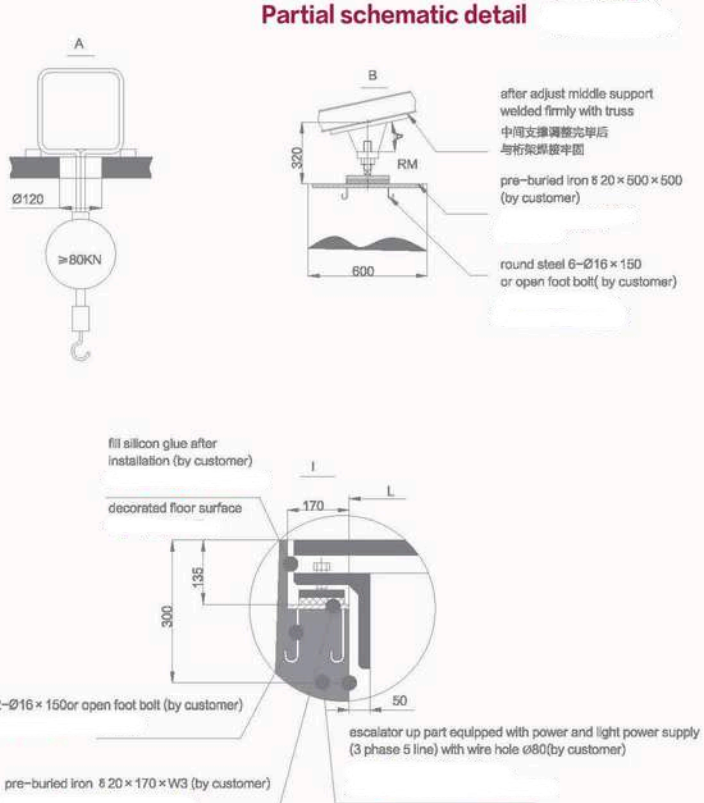
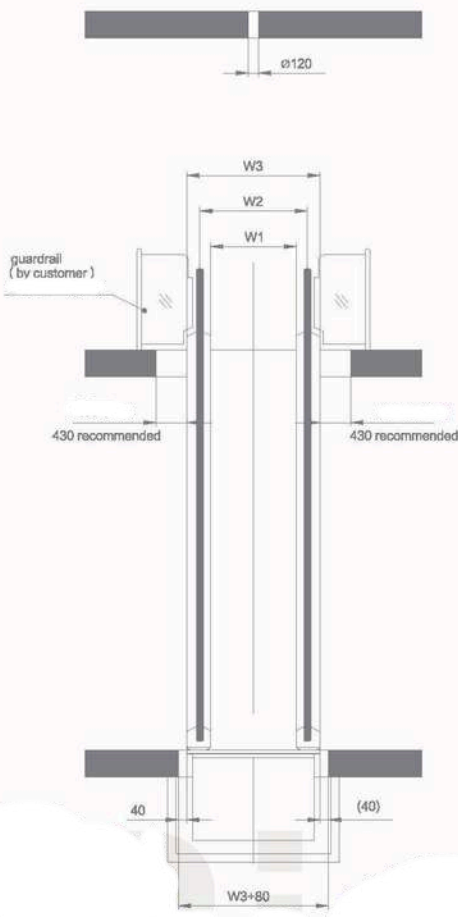
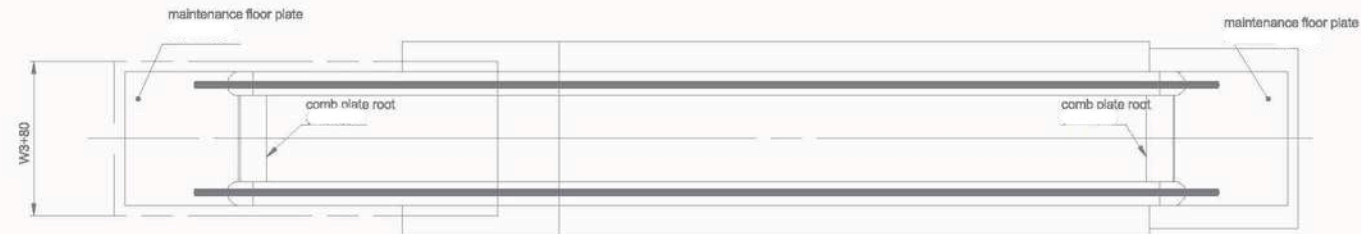
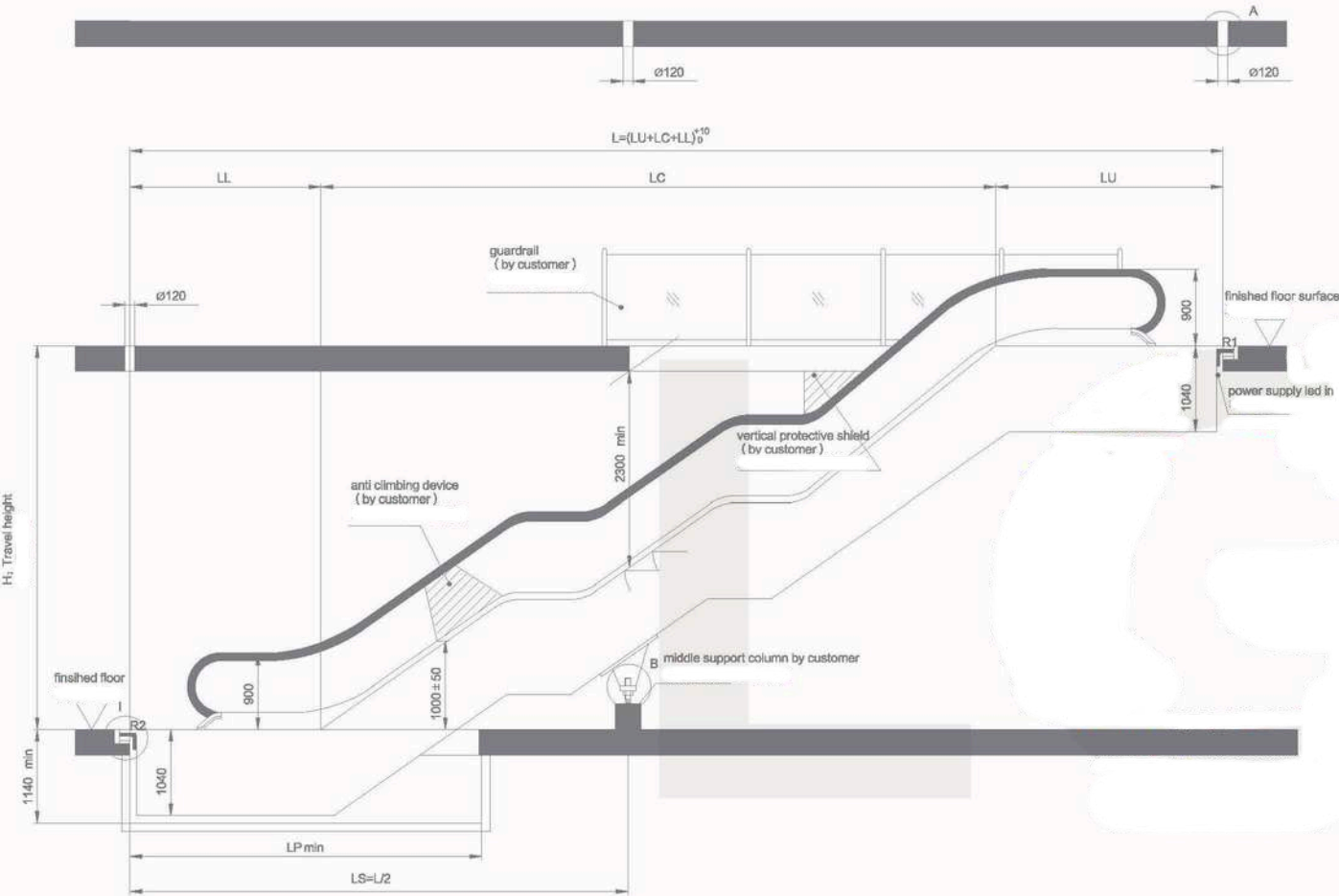
Degree A (°)	Supports number	Rated width W1	Support force R1(kN)	Support force R2(kN)	Support force RM1(kN)	Support force RM2(kN)
30	4	800	1.4*L+23	1.4*L+3	3.8*L+15	3.8*L+15
		1000	1.5*L+23	1.5*L+3	4*L+15	4*L+15
	3	800	1.7*L+23	1.7*L+3	5.7*L+15	—
		1000	1.9*L+23	1.9*L+3	6.5*L+15	—
	2	800	4.6*L+22	4.6*L+7	—	—
		1000	5*L+22	5*L+7	—	—

Degree A (°)	Flat step	LL (mm)	LC (mm)	LU* (mm)	Rated width W1	Handrail center distance W2	Escalator out width W3	Pit length LP
30	3	2688	1.732 × H	3537	1000	1237	1590	4900
					800	1037	1390	
27.3		2597	1.938 × H	3608	1000	1237	1590	5000
					800	1037	1390	
23.2		2520	2.333 × H	3686	1000	1237	1590	5400
					800	1037	1390	

Note: this drawing is not made in scale, above parameter is only for reference. Construction refers to confirmed contract.
* when choose double motor, LU increase 50mm

CONSTRUCTION LAYOUT DRAWING

E191 Waving Escalator



Degree A (°)	Flat step	LC	LL
30	two flat step	1.732 × H+2935	2239
35		1.428 × H+2935	2273

LU (mm)	Rated width W1 (mm)	Handrail center distance W2 (mm)	Escalator out width W3 (mm)	Pit length LP (mm)
2492	1000	1237	1540	4400
	800	1037	1340	
	600	837	1140	
2552	1000	1237	1540	4200
	800	1037	1340	
	600	837	1140	

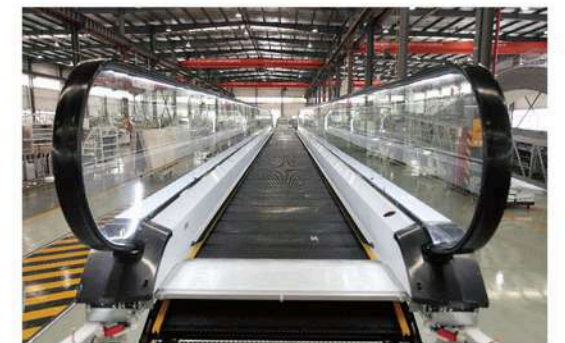
Note: this drawing is not made in scale, above parameter is only for reference. Construction refers to confirmed contract.



MOVING SIDEWALK

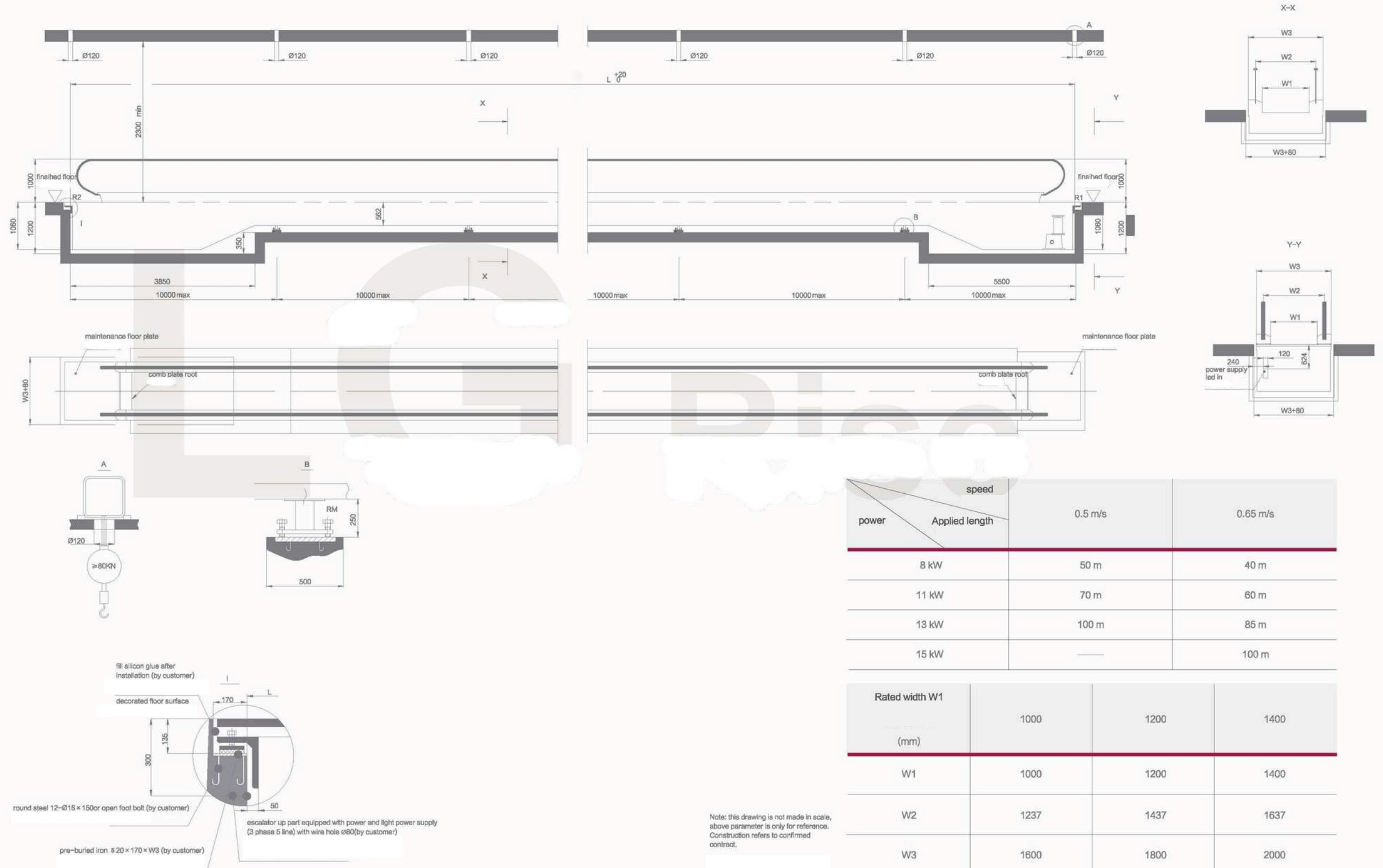
In the public transport places and in the colorful modern cities, including large-scale supermarkets, public buildings, airports, exhibition centers and transport switching stations, our moving sidewalks can not only meet the transportation issues with huge visitors flow rate, but also meet the long-distance working and carrying of luggage barrows, baby carriages, shopping carts and vehicles for disabilities and so on, to make people have comfortable feeling when going upstairs and downstairs during shopping, they bring much convenience for people moving and become a necessary transportation solution for these places.

Our moving sidewalks have elegant appearance as well as extremely great fashionable and pretty styles. They can be harmoniously integrated with the modern architecture and interior decoration, to perfectly render the design philosophy of advanced technology, safety, reliability, electricity saving, energy conservation, stability and comfort.



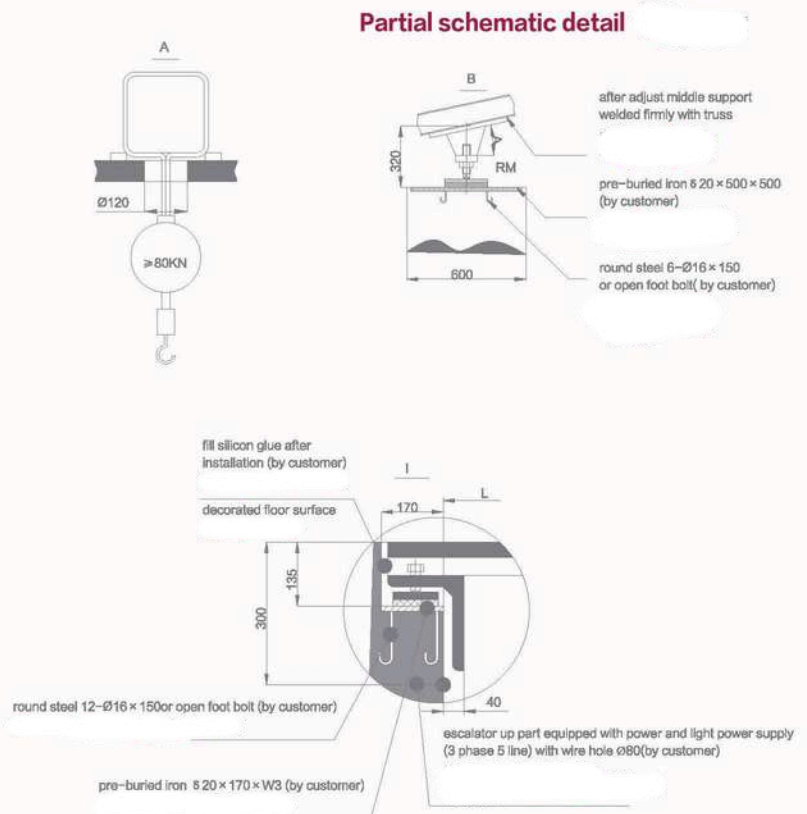
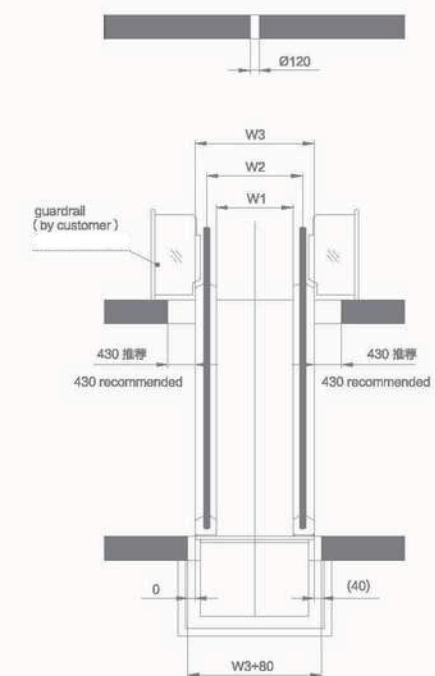
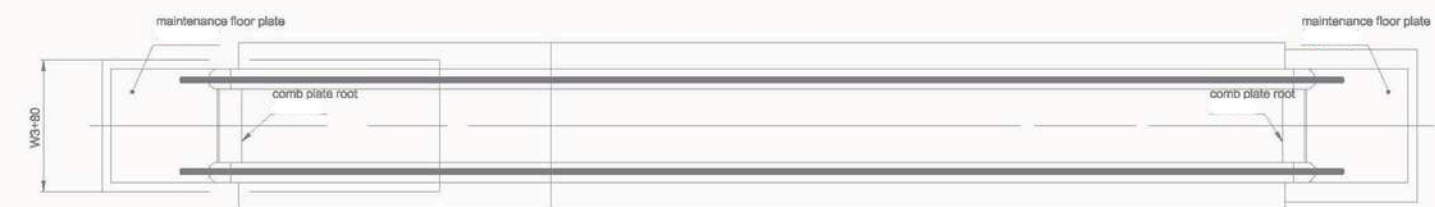
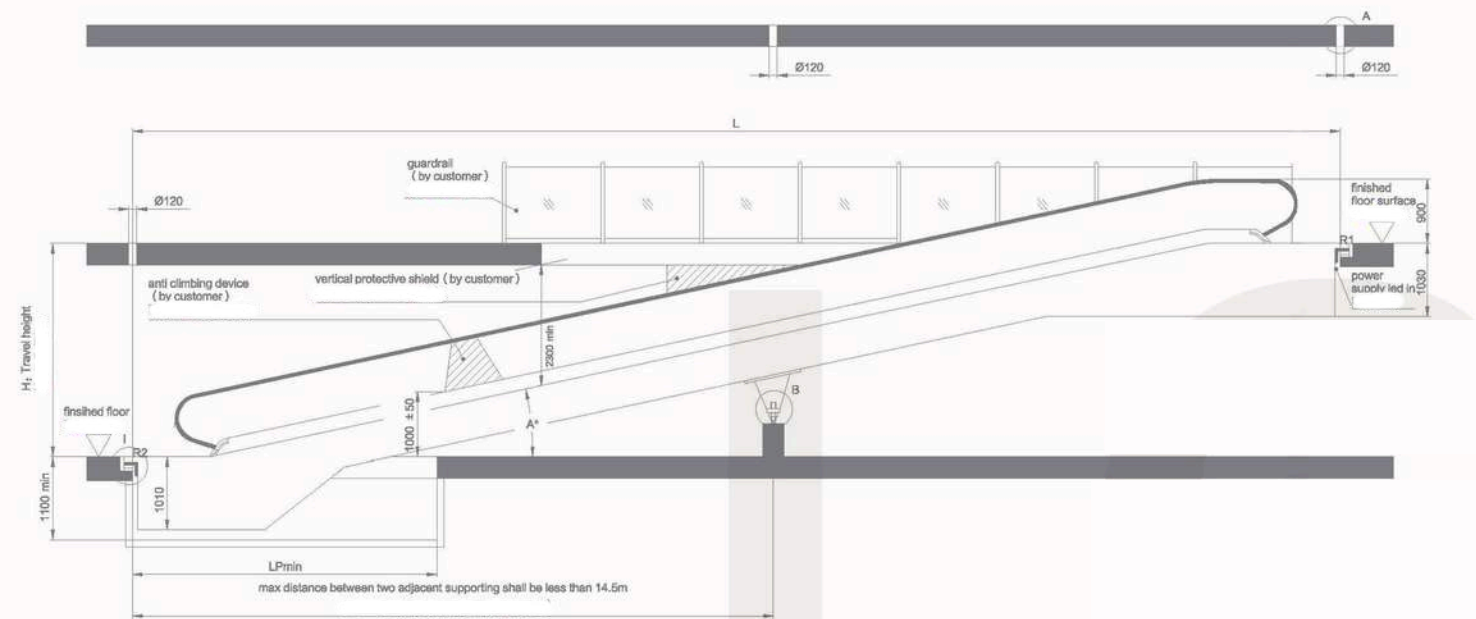
CONSTRUCTION LAYOUT DRAWING

E1600 Moving Walks



CONSTRUCTION LAYOUT DRAWING

E1500 Moving Walks



Supports number	Rated width W1	Support force R1(KN)	Support force R2(KN)	Support force RM1(KN)	Support force RM2(KN)
4	800	$1.3 \times L + 19$	$1.3 \times L + 11$	$3.1 \times L + 10$	$3.1 \times L + 11$
	1000	$1.5 \times L + 16$	$1.5 \times L + 8$	$3.45 \times L + 6$	$3.45 \times L + 7$
3	800	$1.9 \times L + 19$	$1.9 \times L + 11$	$5.2 \times L + 10$	—
	1000	$2.2 \times L + 16$	$2.2 \times L + 8$	$6.1 \times L + 6$	—
2	800	$4.25 \times L + 19$	$4.25 \times L + 11$	—	—
	1000	$4.9 \times L + 16$	$4.9 \times L + 8$	—	—

Degree A (°)	L (mm)	Rated width W1 (mm)	Handrail center distance W2 (mm)	Handrail center distance W3 (mm)	Pit length LP (mm)
10	$5.6713 \times (H + 16.7) + 2900$	1000	1237	1540	4800
		800	1037	1340	
11	$5.1446 \times H + 2900$	1000	1237	1540	4500
		800	1037	1340	
12	$4.7046 \times (H - 16.7) + 2900$	1000	1237	1540	4300
		800	1037	1340	

Note: this drawing is not made in scale, above parameter is only for reference. Construction refers to confirmed contract.