



JOHNSON ELEVATOR

EXQUISITE TECHNOLOGY
TO PROVIDE SERVICES FOR
CUSTOMERS

SUZHOU JOHNSON ELEVATOR CO.,LTD.





Johnson Elevator Co.,Ltd.

Johnson Elevator Co., Ltd. is a specialized group transnational elevator enterprise through investment, merger and acquisition (M & A), stock re-transformation.

Over the years' forging ahead, it specializes in researching into and developing safe, smooth, prompt, convenient elevators through developing & innovative spirits, down-to-earth attitude. It owns independent Manufacture Center, Research & Development Center, Customer Service Center, Elevator Test Tower with 10.0m/s highest running speed. It is guided by global elevator markets. It fosters a group of high quality elite team. Its R & D capacity always leads the elevator industry. It has dozens of series such as escalator, passenger elevator, hospital elevator, parking system etc.

Johnson Elevator establishes close and strategic cooperation union with German large and medium elevator manufacture enterprises and elevator parts companies. It provides global clients with all-round famous brand elevators that accord with European Union Standards.

Johnson originates from German language. It symbolizes safe and reliable. During the process of product research; development; manufacture; sales; installation and service, it gives a full play of core brand value of "for safe arrival only".

In order to fulfill high-tech innovative development strategy, Johnson Elevator sets up various innovative platforms such as "Provincial Level Business Research Institute Academician & Specialist Work Station", "Post-Doctor Scientific Research Work Station", "Provincial Level Business Technology Center", "Provincial Level Industry Design Center", "Provincial Level High & New Tech Enterprise Research & Development Center", "Johnson Elevator Center Laboratory", "Chinese Academy of Sciences Construction & Research — Johnson Elevator R & D Center", "Suzhou Johnson Elevator Technology Research Institute" etc. It owns 86 patents. It has been appraised as "Excellent Unit in China Mechanical Industry". Its quality supervision passes the national military purpose standard certification. Johnson elevators have been appraised as "2016s' Engineering Elevators in USA". Johnson escalators have been awarded "China Records".

Relying on perfect domestic and overseas sales networks, Johnson elevators have been sold far and wide including over 40 countries and regions. It establishes long-term strategic partnerships with numerous famous real estate developers. It has been appraised as "Excellent Supplier to the Governments". It has become an esteemed elevator brand in Russia, Uzbekistan, Turkey, UAE, Oman, Kuwait, Iran, India, Bangladesh, Cambodia, South Africa, Egypt, Tanzania, Brazil, Ecuador etc.

Johnson Elevator persists in developing strategy of "international, high-tech & industrial". It takes "innovative service, technology and concept" as cores to fulfill intellectual ecological economy. It further becomes a world's first-class elevator solution plan service provider.

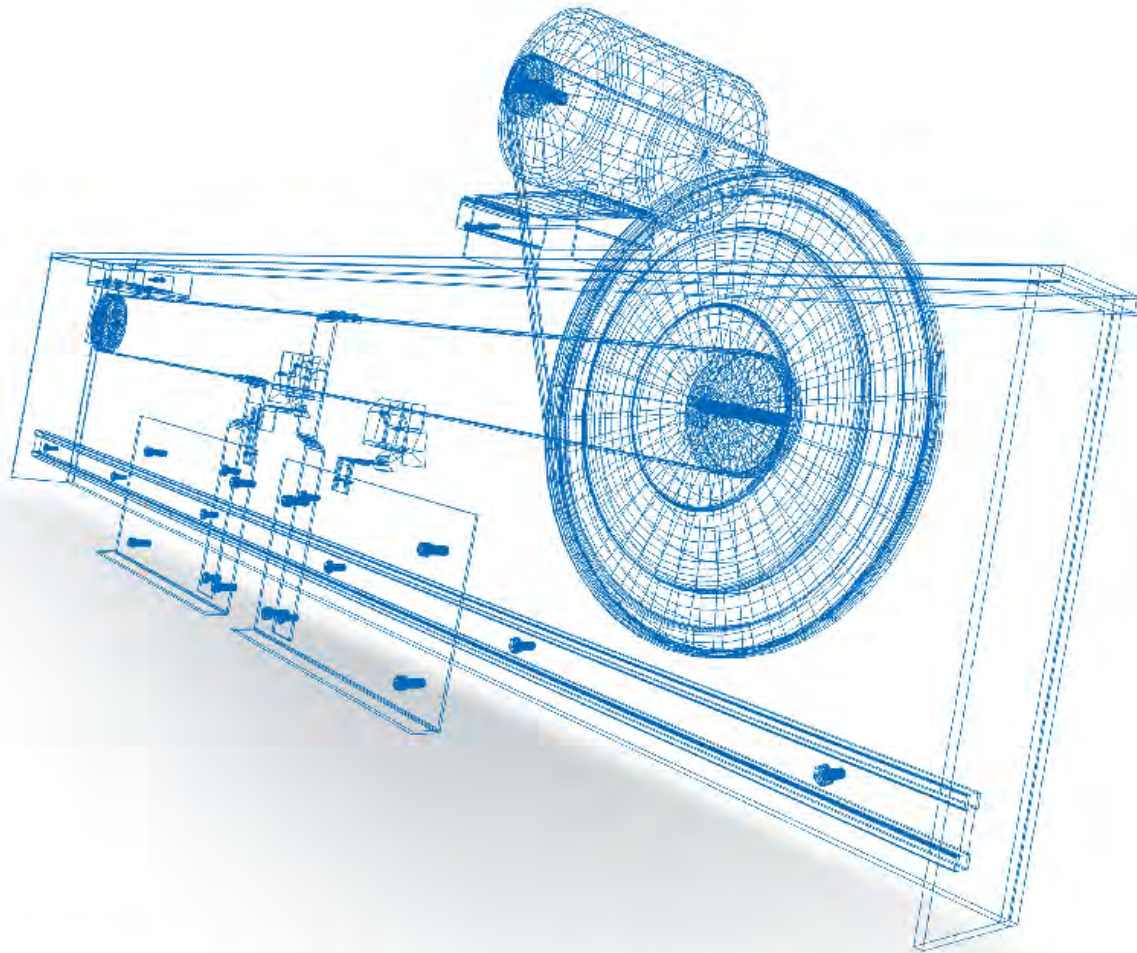
Advanced equipment

16 production lines,
top-grade manufacture
craft & tech

Johnson Elevator puts out 16 advanced production lines including fully automatic flexible metal-working production line, medium thickness metal-working production line, production line control system, robot welding production line, automatic painted production line etc. It has a complete set of modern digital machining equipment, testing facilities in order to warrant perfect product quality.



Intellectual manufacture with high-tech, smooth & comfortable travel



Door machine system

It applies the advanced VVVF variable voltage, variable frequency control technology to elevator door machine system. It guarantees smooth and peaceful opening / closing of elevator door. It enhances sensitive elevator door opening / closing. It automatically adjusts the most proper opening / closing speed at each floor. It thus ensures safe and reliable operation.

Light curtain door

Light curtain protection system strongly resists any interference. It has no dead zone in full course of door-closing. It thus ensures safe entry / exit of vast passengers.



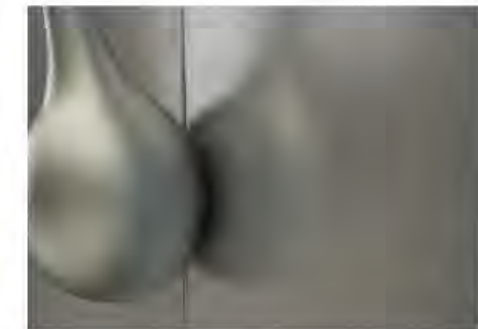
Prevent from accidental car shift (UCMP)

When elevator is in leveling position and door does not open, if elevator gets any accidental shift, then UCMP safety device immediately starts the protection. It promptly stops the elevator.



Landing door anti-collision system

When elevator door is being knocked, car door or landing door is deformed. Elevator then gets frequent troubles. It can not operate normally because door can not be closed or electrical safety device can not verify its closing condition. Photoelectric protection device system can detect whether any obstacle exists or not through analyzing inner circuit conditions. It produces the signal and transmits it to the controller which deals with the signal. It produces "control output signal" to control the motion of other equipment. Therefore door never gets any collision. It fulfills safety alarm too.



Security components

Johnson Elevator always abides by safety concept. It actively researches into the industrial standards. It creates safe, reliable, perfect, flowing solution plans for vast clients. Our products and various parts go through millions times of design reliability verification. It satisfies your most harsh standards, all the applicable standards and safety requirements.



Outstanding drive, intelligent chip

Johnson Elevator utilizes the accumulated technical knowledge; production craft & technology to design permanent magnet synchronous and gear-less traction machine. It accords with the requirements from various space arrangements. It fulfills the best balance between reliability and dynamic property.

New generation gearless permanent magnet synchronous machine choose rare earth material and fully combine coaxial transmission technology and digital variable frequency technology with group computer combined control technology. With less running cost & less energy dissipated.

30%

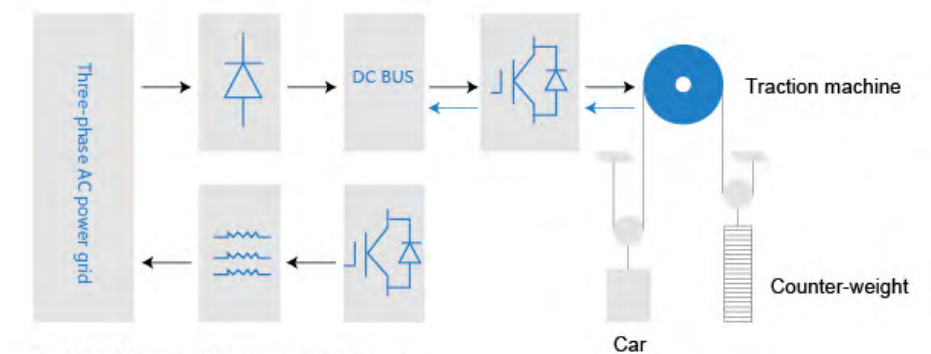
Electric energy
conservation



Cleansing electricity
net



Extend service
life of elevator



Working diagram of energy feedback system

Energy feedback system

We convert mechanical energy in motion load into regenerative clean electric energy through energy feedback device. It feeds back to AC power grid, supplies other neighboring power equipments. It thus fulfills energy-saving.

LED automatic lighting

Full series of Johnson Elevators have standard configuration of car LED lighting, automatic shut-off function to car fan. It gives a full play of human-centered design from Johnson Elevator.

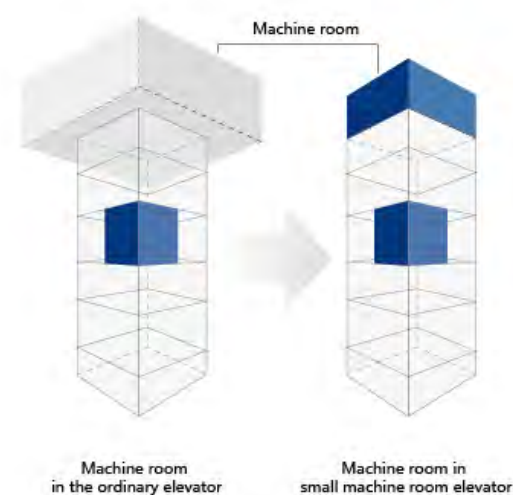




Small machine room passenger elevator

Space advantages are beyond your imagination

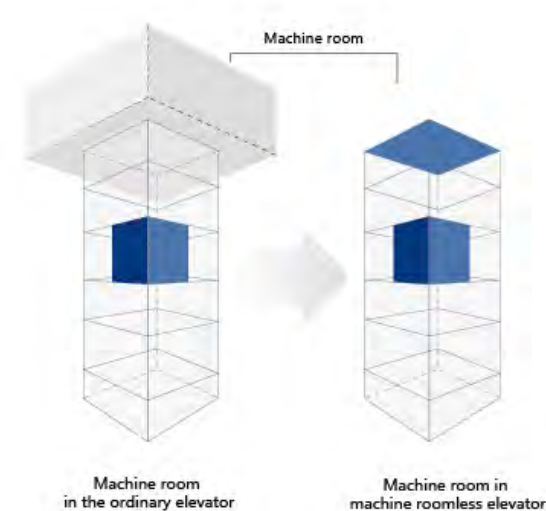
Small machine room passenger elevator applies the rational construction layout. Machine room is about the same as the well size. It effectively saves the occupation rate of machine room space. Small machine room design grants the elevator to more easily merge with the building. It greatly reduces the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



Machine roomless passenger elevator

Low energy loss, space-saving

Machine roomless passenger elevator applies the well-developed elevator technology. Under the premise of optimizing overall structural design, it keeps the constantly superior elevator quality. Machine roomless design moves all of the original machine room devices into the well. It fulfills a simplified installation mode of one-well style. It initiates upon an economical and practical vertical transport solution plan for modern building.



Passenger elevator standard configurat



JS-C001
Acrylic arched top board,
LED lighting

Tube lamp

Display screen

JSF001
PVC

JS001 (Standard)

Ceiling: Hairline stainless steel, acrylic lighting decoration, down lamp
Car wall: Hairline stainless steel
Car door: Hairline stainless steel
Floor: PVC



JSP001

Panel:
Diaplay board:
Mode of display:
Calling buttom:

Hairline stainless steel
Tempered glass
Red dot matrix display
Micro-buttons



JS001-1-1



JSL001 (Standard)

Landing door: Hairline stainless steel
Jamb: Hairline stainless steel



JSL002 (Standard)

Landing door: Printing plate
Jamb: Printing plate

Passenger elevator decoration



JS002

JS002 (Optional)

Ceiling: Hairline stainless steel, acrylic panels
Car wall: Central stainless steel disc plate, hairline stainless steel
Handrail: Stainless steel single tube handrail
Floor: PVC

JS003 (Optional)

Ceiling: Hairline stainless steel, arched acrylic light-emitting panels, down lamp
Car wall: Hairline stainless steel, mirror stainless steel
Handrail: None
Floor: PVC



JS003



JS004

JS004 (Optional)

Ceiling: Mirror stainless steel frame, acrylic transparent board, down lamp
Car wall: Hairline stainless steel, mirror etched stainless steel
Handrail: Stainless steel single round handrail
Floor: PVC

JS005 (Optional)

Ceiling: Hairline stainless steel frame, acrylic lighting decoration, down lamp
Car wall: Hairline stainless steel, mirror etched stainless steel
Handrail: Stainless steel single round handrail
Floor: PVC



JS005

Passenger elevator decoration



JS006

JS006 (Optional)

Ceiling: Mirror stainless steel frame, acrylic lighting decoration
Car wall: Hairline stainless steel, mirror etched stainless steel
Handrail: Stainless steel single round handrail
Floor: PVC

JS007 (Optional)

Ceiling: Stainless steel frame, transparent plate
Car wall: Hairline, mirror, etched
Handrail: None
Floor: PVC



JS007



JS008

JS008 (Optional)

Ceiling: Hairline stainless steel, arched acrylic light-emitting panels, acrylic lighting decoration
Car wall: Hairline stainless steel, mirror etched stainless steel
Handrail: Hairline stainless steel flat tube
Floor: PVC/Marble

JS009 (Optional)

Ceiling: Mirror stainless steel frame, acrylic lighting decoration
Car wall: Hairline stainless steel, mirror etched stainless steel
Handrail: Stainless steel single round handrail
Floor: PVC



JS009

Passenger elevator decoration



JS010

JS010 (Optional)

Ceiling: Wide arched white transparent panel
Car wall: Mirror, etching, hairline
Handrail: Organic plate flat handrail
Floor: PVC



JS011

JS011 (Optional)

Ceiling: Image vault, stainless steel base, downlight
Car wall: Mirrors, etching, hairline, and lines
Handrail: Stainless steel flat handrail
Floor: PVC



JS012

JS012 (Optional)

Ceiling: Image vault, stainless steel base, downlight
Car wall: Mirror, etching, hairline
Handrail: Stainless steel single handrail
Floor: PVC



JS013

JS013 (Optional)

Ceiling: Diamond hollow transparent lamp post, arched white transparent plate
Car wall: Mirror, etching, hairline
Handrail: Stainless steel single handrail
Floor: PVC

Passenger elevator decoration



JS014

JS014 (Optional)

Ceiling: Image vault, stainless steel base, downlight
Car wall: Mirrors, etching, hairline
Handrail: Stainless steel single handrail
Floor: PVC



JS015

JS015 (Optional)

Ceiling: Mirror stainless steel bottom plate, golden downlight, arched white organic transparent plate
Car wall: Mirror, etching, hairline
Handrail: Stainless steel flat handrail
Floor: PVC



JS016

JS016 (Optional)

Ceiling: Wide arched white transparent panel
Car wall: Mirror, etching, hairline, and valley green
Handrail: Organic plate flat handrail
Floor: PVC



JS017

JS017 (Optional)

Ceiling: Hanging square image main body panel, downlight
Car wall: Mirror, etching, hairline
Handrail: Stainless steel single handrail
Floor: PVC

Passenger elevator decoration



JS018

JS018 (Optional)

Ceiling: Hairline stainless steel frame with acrylic lamp decoration
Car wall: Mirror etching stainless steel, hairline stainless steel
Handrail: Single stainless steel tube
Floor: PVC



JS019

JS019 (Optional)

Ceiling: Mirror stainless steel frame, acrylic lighting decoration
Car wall: Hairline stainless steel, mirror etched stainless steel
Handrail: Stainless steel single round handrail
Floor: PVC



JS020

JS020 (Optional)

Ceiling: Mirror stainless steel frame, acrylic lighting decoration, down lamp
Car wall: Hairline stainless steel, mirror etched stainless steel
Handrail: Stainless steel flat handrail
Floor: PVC



JS021

JS021 (Optional)

Ceiling: Hairline stainless steel frame, acrylic lighting decoration
Car wall: Hairline stainless steel, mirror etched stainless steel
Handrail: Stainless steel single round handrail
Floor: PVC

Passenger elevator decoration



JS022

JS022 (Optional)

Ceiling: Titanium gold mirror stainless steel, acrylic lighting decoration, LED light
Car wall: Titanium gold mirror etched stainless steel
Handrail: None
Floor: PVC/Marble



JS023

JS023 (Optional)

Ceiling: Mirror stainless steel frame, acrylic lighting decoration, down lamp
Car wall: Titanium gold mirror etched stainless steel, hairline stainless steel
Handrail: Single crystal round handrail
Floor: PVC



JS024

JS024 (Optional)

Ceiling: Hairline stainless steel frame, acrylic lighting decoration, down lamp
Car wall: Hairline titanium gold etching stainless steel, hairline titanium gold etched stainless steel
Handrail: Stainless steel flat handrail
Floor: PVC



JS025

JS025 (Optional)

Ceiling: Hairline stainless steel frame, acrylic transparent board
Car wall: Titanium gold stainless steel, mirror etched stainless steel
Handrail: Titanium stainless steel round tube handrail
Floor: PVC

Passenger elevator decoration



JS026

JS026 (Optional)

Ceiling: Painted steel plate, downlight
Car wall: Mirror stainless steel, wood veneer, art glass
Handrail: Hairline stainless steel flat handrail
Floor: PVC



JS027

JS027 (Optional)

Ceiling: Titanium stainless steel, acrylic lighting, downlight
Car wall: Mirror stainless steel, wood veneer, art glass, marble
Handrail: Circular wooden handrail
Floor: Marble



JS028

JS028 (Optional)

Ceiling: Mirror stainless steel, light-emitting panel marble, LED lights
Car wall: Mirror stainless steel, gush arenaceous glass
Handrail: Stainless steel single tube
Floor: PVC



JS029

JS029 (Optional)

Ceiling: Hairline stainless steel, acrylic panels
Car wall: The back wall of pure white glass, frosted stainless steel ribbing, the side wall frosted stainless steel
Handrail: Stainless steel flat-head handrail
Floor: PVC/Marble

Passenger elevator decoration



JS030

JS030 (Optional)

Ceiling: Wood paint molding top, carved pattern in the middle, hidden soft light source, LED lights
Car wall: Wood modeling frame Mosaic parquet, titanium mirror stainless steel, wood veneer
Handrail: Stainless steel shaped handrail
Floor: Marble parquet



JS031

JS031 (Optional)

Ceiling: Rose gold mirror frame, LED light around
Car wall: Wooden framed marble, leather hard, wooden frame with an inbred mirror stainless steel
Handrail: Craft molding handrail
Floor: Marble mosaic



JS032

JS032 (Optional)

Ceiling: Wood painted top, soft light source hidden, LED lamp
Car wall: Wooden frame with leather upholstery, stainless steel mirror, wood finish, clear mirror
Handrail: Solid wood square handrail
Floor: Marble Mosaic / PVC



JS033

JS033 (Optional)

Ceiling: Wooden top, through marble in the middle, LED lights around
Car wall: Wood engraving art grid (optional archaize bronze mirror etching), archaize copper surface, archaize copper hair stainless steel
Handrail: None
Floor: Marble Mosaic / PVC

Passenger elevator decoration



JS034

JS034 (Optional)

Ceiling: Wooden frame around with LED lamp
Car wall: Rose gold mirror etched stainless steel, rose gold mirror stainless steel, with wood shape
Handrail: Solid wood round handrail
Floor: PVC

JS035 (Optional)

Ceiling: Painted wooden frame with gold foil in the middle, suction ceiling lamp
Car wall: Painted wooden frame, bronze mirror etching stainless steel
Handrail: Titanium gold + log combination handrail
Floor: PVC



JS035



JS036

JS036 (Optional)

Ceiling: Rose blonde stainless steel, crystal chandelier
Car wall: Mirror stainless steel wood finish, titanium mirror stainless steel, wood relief wood finish
Handrail: Titanium round handrail
Floor: PVC

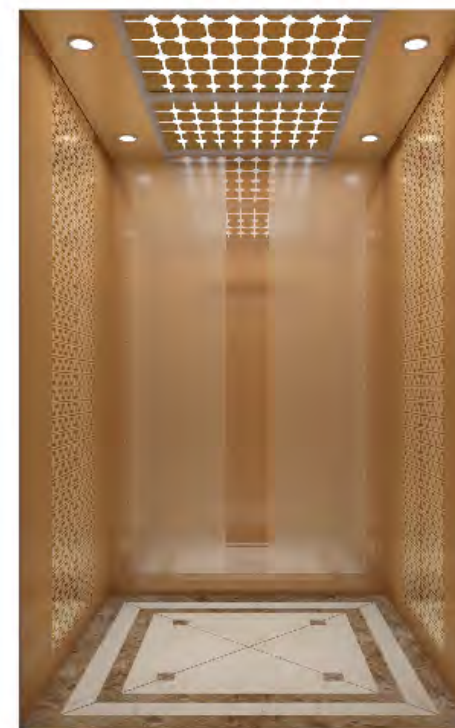
JS037 (Optional)

Ceiling: Rose gold mirror stainless steel, painted steel plate plus ceiling lamp, LED lamp
Car wall: Rose gold mirror etched stainless steel with borders, wood finish, leather hardcover
Handrail: Solid wood + rose gold mirror handrail
Floor: PVC



JS037

Passenger elevator decoration



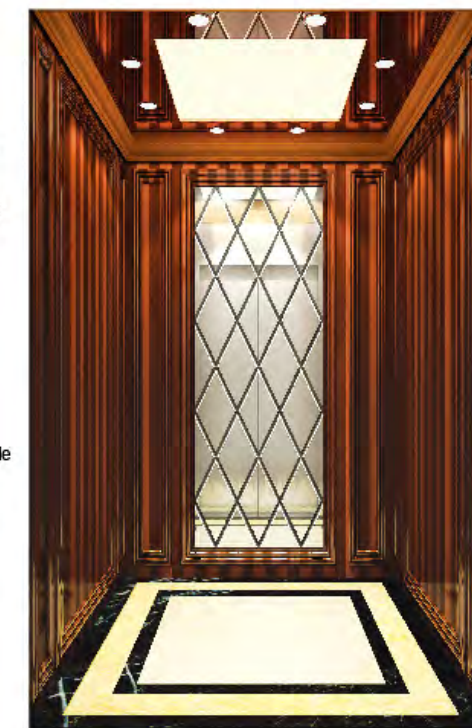
JS038

JS038 (Optional)

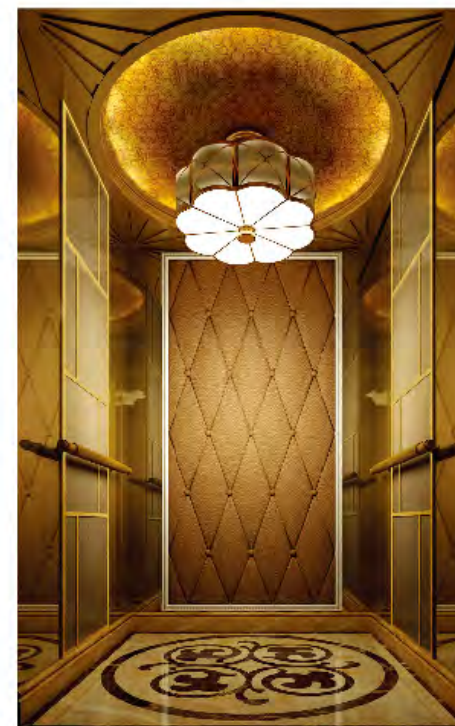
Ceiling: Rose gold stainless steel, acrylic light-emitting panel, LED
Car wall: Rose gold mirror, gush arenaceous glass, rose gold etching
Handrail: Glass
Floor: PVC

JS039 (Optional)

Ceiling: Wooden shape frame, inside frame rose gold mirror, organic transparent plate, LED lamp
Car wall: Wooden frame with side mirror and wood finish
Handrail: None
Floor: PVC



JS039



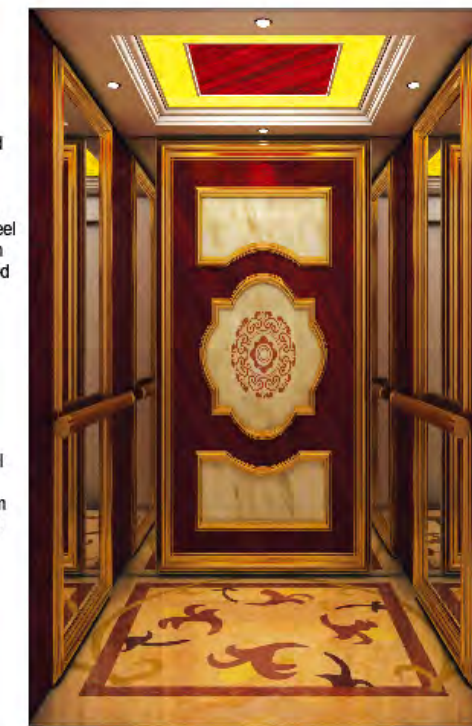
JS040

JS040 (Optional)

Ceiling: Vintage painted frame, gold foil surface hidden lamp belt, with decorative chandelier
Car wall: Leather soft bag, wooden frame, tea mirror glass, stainless steel mirror, champagne gold hairline trim
Handrail: Titanium gold + solid wood round handrail
Floor: PVC

JS041 (Optional)

Ceiling: Painted steel plate with wooden frame, mirror stainless steel with gold foil, LED lamp
Car wall: Wood finish with aluminum honeycomb marble, mirror stainless steel, mirror stainless steel with borders, wood veneer
Handrail: Solid wood and mirror stainless steel combination
Floor: PVC



JS041



Johnson hospital elevator

Emergency self-leveling rescue system in power failure

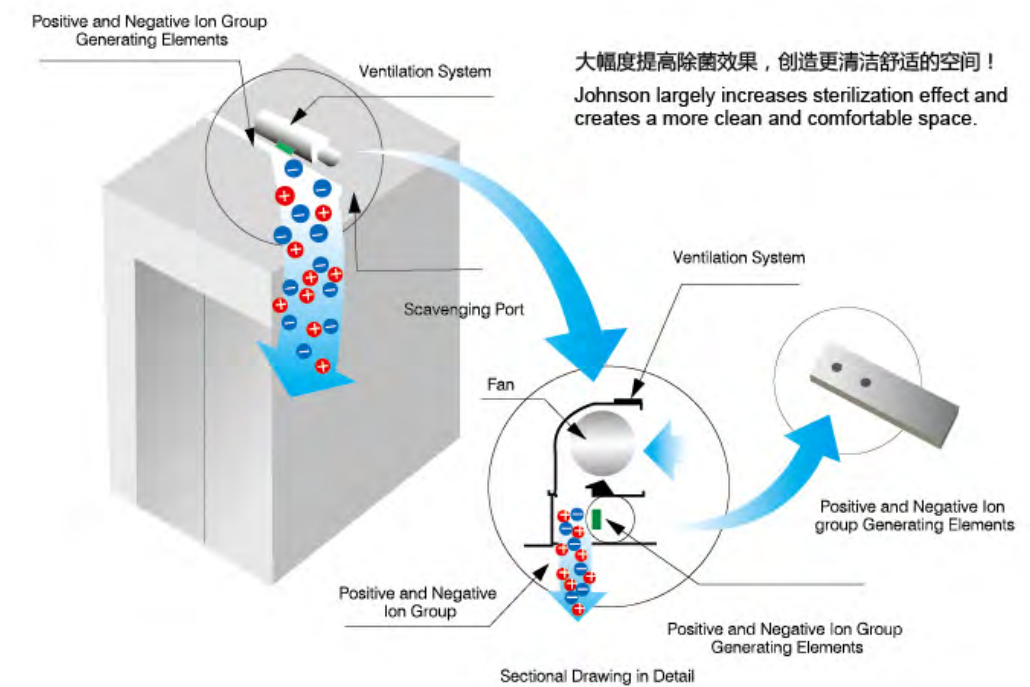
Johnson Elevator applies advanced emergency self-rescue system. It sets emergency leveling device in power failure. If normal power supply disconnects, charging batteries automatically offers elevator mains. It promotes smooth elevator operation. It slowly and smoothly reaches nearest landing and opens the door. It effectively prevents elevator from trapping passengers. It thus guarantees passengers' travel safety.

UV ray sterilizer

As use people in hospital elevator are complex, it installs UV sterilizer in elevator car. With no load in elevator, it regularly and automatically starts / stops UV device. It carries out UV sterilization. UV ray kills virus and bacteria. It removes dust, cleans dirt. It eliminates smoke and odor etc. It accords with basic requirements in medical treatment institutes.

Anion car technology

It firstly uses "natural oxygen bar" car technology. Air anion is like vitamin in food. It is vital to human life activities. It adds oxygen anion in the air, improves air quality in the car. It is more beneficial for patients to travel the elevator.



Johnson hospital elevator car decoration



JS042 (Optional)

Ceiling: Hairline stainless steel,LED energy saving light
Ventilation: Axial fan
Car wall: Hairline stainless steel
Handrail: Double flat stainless steel
Floor: PVC floorboard



JS043 (Optional)

Ceiling: Painted steel plate,LED energy saving light
Ventilation: Axial fan
Car wall: Hairline stainless steel
Handrail: Stainless steel tube
Floor: PVC floorboard



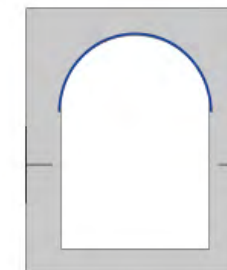
Johnson observation elevator

Superior car wall

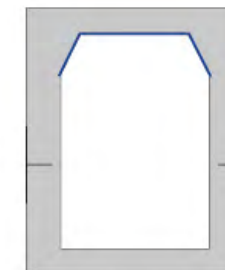
It applies highly secure laminated glass with fine transparency. Passengers can busy and beautiful city scene through transparent car wall. Lamination layer within laminated glass has anti-radiation function. It can buffer sonic vibration of sound. It thus has sound insulation effect. Large-area car wall glass design is smooth in lines. It beautifies car outlines, adds more beauty to the building.

Glass fiber reinforced plastics structure

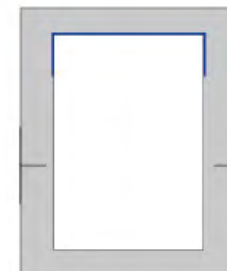
It perfectly displays compact space and overall attraction. It can execute different construction layout design. It is prompt and convenient. Round, half-round, square etc. are available for your free choices.



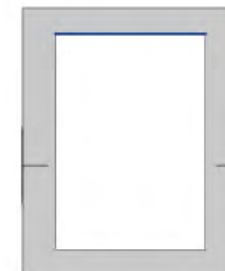
Semi-circular shaped



Cutting-angle-type



Square shaped



Panoramic

Graphic blue line part shows observation face transparent glass.



Johnson observation elevator

We introduce a full set of German control technology, modern material application technology. The product has perfect properties in various aspects, e.g. travel quality, safety function, car model design, energy-saving, consumption reducing etc.



JS044

JS044 (Optional)

Car cover: Steel plate baked enamel, internal light-emitting strip closure, creamy white acrylic decoration hood
Observation wall: Round 6+6 laminated safety glass (3PCS)
Decoration ceiling: Steel plate baked enamel frame, half-transparent round lampshade, strip lighting decoration
Car wall: Hairline stainless steel
Handrail: $\phi 38$ stainless steel double tube handrail
Floor: PVC

JS045 (Optional)

Car cover: Painted steel plate and decoration lamp
Observation wall: Safety laminated glass
Decoration ceiling: Center round acrylic top panel, two-side down lamps
Car wall: Hairline stainless steel panel
Handrail: Stainless steel mono-tube handrail
Floor: PVC



JS045



JS046

JS046 (Optional)

Car cover: Painted steel plate, acrylic lighting decoration
Observation wall: 3PCS of safety laminated glass
Decoration ceiling: Mirror stainless steel
Car wall: Hairline stainless steel
Handrail: Stainless steel round handrail
Floor: PVC

JS047 (Optional)

Car cover: Stainless steel painted
Observation wall: Laminated glass, Hairline stainless steel
Decoration ceiling: Hairline stainless steel, acrylic, down lamp
Car wall: Hairline stainless steel
Handrail: Stainless steel pipe
Floor: PVC



JS047



JS048

JS048 (Optional)

Car cover: Baked enamel steel plate, acrylic lighting decoration
Observation wall: Laminated safety glass
Decoration ceiling: Baked enamel steel plate, acrylic lamp
Car Panel: Hairline stainless steel
Handrail: Stainless steel tube handrail
Floor: PVC

JS049 (Optional)

Car cover: Steel plate baked enamel pressed reinforced bar, acrylic lighting decoration
Observation wall: Round 6+6 laminated safety glass (3PCS)
Decoration ceiling: Baked enamel steel, cylindrical acrylic crystal lamp
Car wall: Hairline stainless steel
Handrail: Stainless steel double tube handrail
Floor: PVC



JS049



JS050

JS050 (Optional)

Car cover: Cylindrical slant-cut titanium plate inlaid with light-emitting lampshade
Observation wall: Transparent arc glass
Decoration ceiling: Stainless steel mirror, organic lens top cover, acrylic lighting decoration
Car wall: Hairline stainless steel
Handrail: Titanium stainless steel handrail
Floor: PVC

JS051 (Optional)

Car cover: Baked enamel steel, hairline stainless steel, lighting decoration
Observation wall: 6+6 laminated safety glass (3PCS)
Decoration ceiling: Hairline stainless steel, acrylic lighting decoration, down lamp
Car wall: Hairline stainless steel
Handrail: Stainless steel tube handrail
Floor: PVC



JS051

Johnson home elevator

The perfect and comfortable life

Johnson home elevator can offer you a pleasant ambience , special inverter system control the running position,upgrading the comfort feeling all-sided.Low noise,easy installation,accomplish you perfect living condition.Not only reduce the cost of designing and building on machine room , also make best use of your building room.Small occupying space.No hoistway,safe and durable elevator is provided for you by Johnson .

Johnson home elevator is a duplex and multi-functional and exquisite home ideal elevator , but also the elderly,sick ,disabled home the best on the lower transport.



Comfortable

Using the technology of permanent magnet synchronous gearless, brings you a very smooth ride.

Delicate

Compact layout arrangement, fusion modern high-grade architectural design style, such as villa buildings more beautiful.

Environmental protection

Uses the advanced permanent magnet synchronous traction machine,eliminating the bulky reduction gear,to improve the layout inside the elevator shaft,without machine room,also do not need an additional structural strength of the building,architectural space saving,greatly reduce the cost of construction.

Energy saving

Can normal voltage 220V , low energy consumption,saving electricity above 45% than average elevator, high efficiency, environmental protection drive host, build halcyon environment, reduces the power supply capacity, saves the developers and user cost of investment.

Security

Choosing Johnson home elevator, which in line with the Home Lift manufacturing and installation standard "(GB/T21739-2008)" ,to provide you with reliable safety guarantee.

Wisdom

Frequency drive technology and full computer control technology, combined with the data network system and the modular structure, and use the most effective self-check program, makes the control of elevator systems more flexible precise, efficient and reasonable.

Johnson home elevator

Johnson home elevator is engaged in providing your family with a comfortable private space in order to enhance life quality. It combines with safe, reliable, peaceful and comfortable properties. It protects environment, saves energy. It is convenient in installation etc. it provides private residence with more and more great values.



JS052 (Optional)

Ceiling: Mirror stainless steel frame, acrylic transparent board, down lamp
Car wall: Hairline stainless steel, mirror stainless steel
Handrail: Stainless steel flat handrail
Floor: PVC



JS053 (Optional)

Ceiling: Mirror stainless steel frame, acrylic lighting decoration, down lamp
Car wall: Hairline stainless steel, mirror etched stainless steel
Handrail: Stainless steel flat handrail
Floor: PVC



JS056 (Optional)

Ceiling: Mirror stainless steel frame, acrylic lighting decoration
Car wall: Hairline stainless steel, mirror etched stainless steel
Handrail: Stainless steel single round handrail
Floor: PVC



JS057 (Optional)

Ceiling: Hairline stainless steel frame, acrylic transparent board
Car wall: Hairline stainless steel, mirror stainless steel
Handrail: None
Floor: PVC



JS054 (Optional)

Ceiling: Mirror stainless steel frame, acrylic transparent board, down lamp
Car wall: Hairline stainless steel, mirror etched stainless steel
Handrail: Stainless steel single round handrail
Floor: PVC



JS055 (Optional)

Ceiling: Mirror stainless steel, Rectangular hollow transparent light pole
Car wall: And grain, mirror line stainless steel, mirror stainless steel
Handrail: None
Floor: PVC



JS058 (Optional)

Ceiling: Hairline stainless steel frame + LED lamp
Car wall: Hairline stainless steel, mirror stainless steel
Handrail: None
Floor: PVC



JS059 (Optional)

Ceiling: Mirror stainless steel, acrylic light decoration
Car wall: Hairline stainless steel, combination of stainless steel mirror and stainless steel hairline
Handrail: None
Floor: PVC

JS054

JS055

JS058

JS059

Johnson home elevator

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JS060 (Optional)

Ceiling: Plastic spraying,LED lighting
Car wall: Mirror stainless steel etching titanium
Handrail: None
Floor: PVC



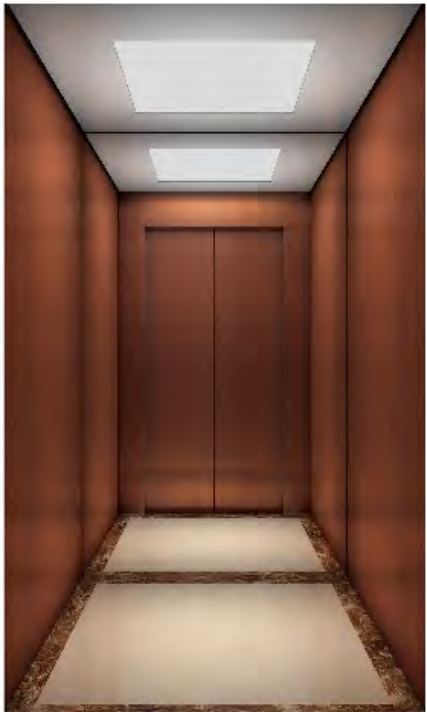
JS061 (Optional)

Ceiling: Mirror stainless steel , acrylic lamp, tube lamp
Car wall: Titanium stainless steel, titanium mirror etching stainless steel
Handrail: None
Floor: PVC



JS064 (Optional)

Ceiling:Mirror stainless steel, LED energy-saving lamps in the middle
Car wall: Mirror stainless steel, wood decorative surface
Handrail:Stainless steel single pipe handrail
Floor: PVC



JS065 (Optional)

Ceiling: Plastic spraying,LED lighting
Car wall: Wood finishes,mirror stainless steel
Handrail: None
Floor: Medallion PVC



JS062 (Optional)

Ceiling: Mirror stainless steel frame, transparent soft film
Car wall:Black titanium mirror etching stainless steel
Handrail: White oak model handrail
Floor: PVC



JS063 (Optional)

Ceiling:Mirror stainless steel frame, acrylic light plate
Car wall: Mirror etching stainless steel combination,black titanium mirror stainless steel, mirror stainless steel
Handrail:None
Floor: Medallion PVC



JS066 (Optional)

Ceiling: Steel plate baking paint, hidden light belt, LED light
Car wall: mirror etched stainless steel, wood veneer
Handrail: Titanium alloy stainless steel tube
Floor: PVC



JS067 (Optional)

Ceiling: Mirror stainless steel coated with titanium gold, light-emitting marble, wood line
Car wall: Wood - grain decorative plate, titanium - plated decorative strip, hairdressing mirror
Handrail: None
Floor: PVC

JS060

JS061

JS064

JS065

JS062

JS063

JS066

JS067

Johnson wheelchair elevator

Wheelchair platform elevator is designed specifically to transport a wheelchair or individual from one floor to a higher platform, widely used in both indoor and outdoor, providing a perfect access for the disabled people.

Two different materials:
Aluminum alloy with powder coated; stainless steel

Model list A (Aluminum alloy with Powder coated)

Model	Travel height	Capacity	Platform size	Dimension	Weight
WL0.25-1.0	1000mm	250kg	1430*900mm	2000*1430*1000mm	350kg
WL0.25-1.5	1500mm	250kg	1430*900mm	2500*1430*1000mm	450kg
WL0.25-2.0	2000mm	250kg	1430*900mm	3000*1430*1000mm	550kg
WL0.25-2.5	2500mm	250kg	1430*900mm	3500*1430*1000mm	700kg
WL0.25-3.0	3000mm	250kg	1430*900mm	4000*1430*1000mm	780kg
WL0.25-3.5	3500mm	250kg	1430*900mm	4600*1430*1000mm	850kg
WL0.25-4.0	4000mm	250kg	1430*900mm	5100*1430*1000mm	880kg
WL0.25-5.0	5000mm	250kg	1430*900mm	6100*1430*1000mm	1000kg
WL0.25-6.0	6000mm	250kg	1430*900mm	7100*1430*1000mm	1100kg



Automatic ramp control:
Turn up to max 75° and prevent
the wheelchair outside



Whole body is made by Aluminum Alloy with Powder coating.
Inching control
Emergency Stop
Emergency Lowering system
Non-pit and easier installation
Safety sensor: Stop the elevator immediately if the safety edge meets obstacles when going down.



Standard model



Full cabin model



Control panel and Remote:
Easy and convenient operation



Johnson freight elevator

Johnson freight elevator applies fully computerized control technology, AC variable frequency, variable voltage, speed regulation. It has effective loading capacity. It fully considers the users' requirements in design.

Johnson machine room-less freight elevator

Johnson machine room-less freight elevator applies permanent magnet synchronous & gearless traction technology. It saves speed reducer. It enhances utilization space in well. Gearless traction machine is light in weight. It saves space. It greatly increases machine properties and quality. It reduces elevator trouble rate as well.

Johnson series hydraulic freight elevator

Johnson series hydraulic freight elevator shows advanced technological capacity. It is equipped with advanced start, brake, horizontal test result. It offers good and comfortable travel.

Johnson automobile elevator

Johnson automobile elevator utilizes new data processing network. We always guarantee the more effective and accurate system control through serial connection transmission lines. Diagnostic program and copy system ensure reliable connection between various computer parts. Each computer has specially-set inference program to perfect connection between man (automobile) and elevator.

Johnson hydraulic automobile elevator

Johnson hydraulic automobile elevator uses Italian GMV hydraulic system. It combines with well-developed PC control technology. Apart from all of safety protection devices and traction type elevators, we additionally add multiple hydraulic circuit protection system, safety value, speed governor, cut-off value etc. It thus ensures nice travel quality and remarkable safety standards.

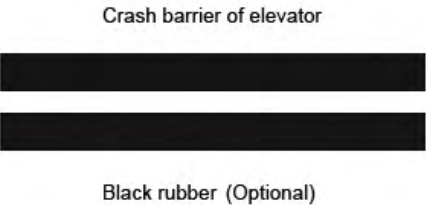


Freight elevator car decoration



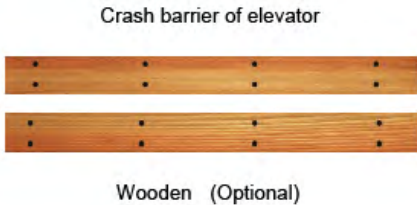
JS068 (Optional)

Ceiling: Hairline stainless steel
Car wall/Car door: Hairline stainless steel
Illumination: Energy-saving light
Door opening mode: Central opening
Floor: Checkered plate



JS069 (Optional)

Ceiling: Painted steel
Car wall/Car door: Painted steel
Illumination: Energy-saving light
Door opening mode: Side opening
Floor: Checkered plate



Human-machine interface

JSP002 (Optional)

Panel material: Hairline stainless steel
Display screen: Dot matrix display

Button: Round micro-stroke button
Parking number: 2 - 48 parking floors

• Display screen



Dot matrix display
Standard



White character in black LCD
Optional



Pure display color LCD
Optional

• Button



Round button
Optional

• Hall transom indicator



JS005-1-3

• Panel material



Fingerprint resistant stainless steel

• Hall call box



JSP002-1-1
Simplex



JSP002-1-2
Duplex



JSP002

JSP003 (Optional)

Panel material: Titanium stainless steel
Display screen: Single-color LCD

Button: Round micro-stroke button
Parking number: 2 - 48 parking floors

• Display screen



Single-color LCD
Standard



White character in black LCD
Optional



Pure display color LCD
Optional



Video type display
Optional



Picture type display
Optional

• Button



Round button
Optional

• Panel material



Hairline stainless steel
Standard



Mirror stainless steel
Optional



Titanium gold hairline stainless steel
Optional



Titanium gold mirror stainless steel
Optional

• Hall call box



JS003-1-1
Simplex



JS003-1-2
Duplex



JSP003
Integrated operation panel

Human-machine interface



JSP004
Optional



JS004-1
Optional



JSP005
Optional



JS005-1
Optional



JSP006
Optional



JS006-1
Optional



JSP007
Optional

Integrated operation panel



JSP008
Optional



JS008-1
Optional

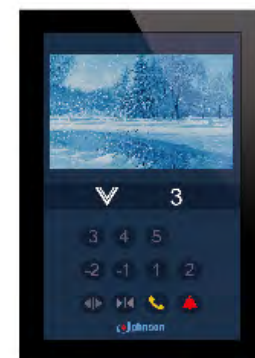
Home elevator operation panel



JSP009
Optional



JSP010
Optional



JSP011
Optional



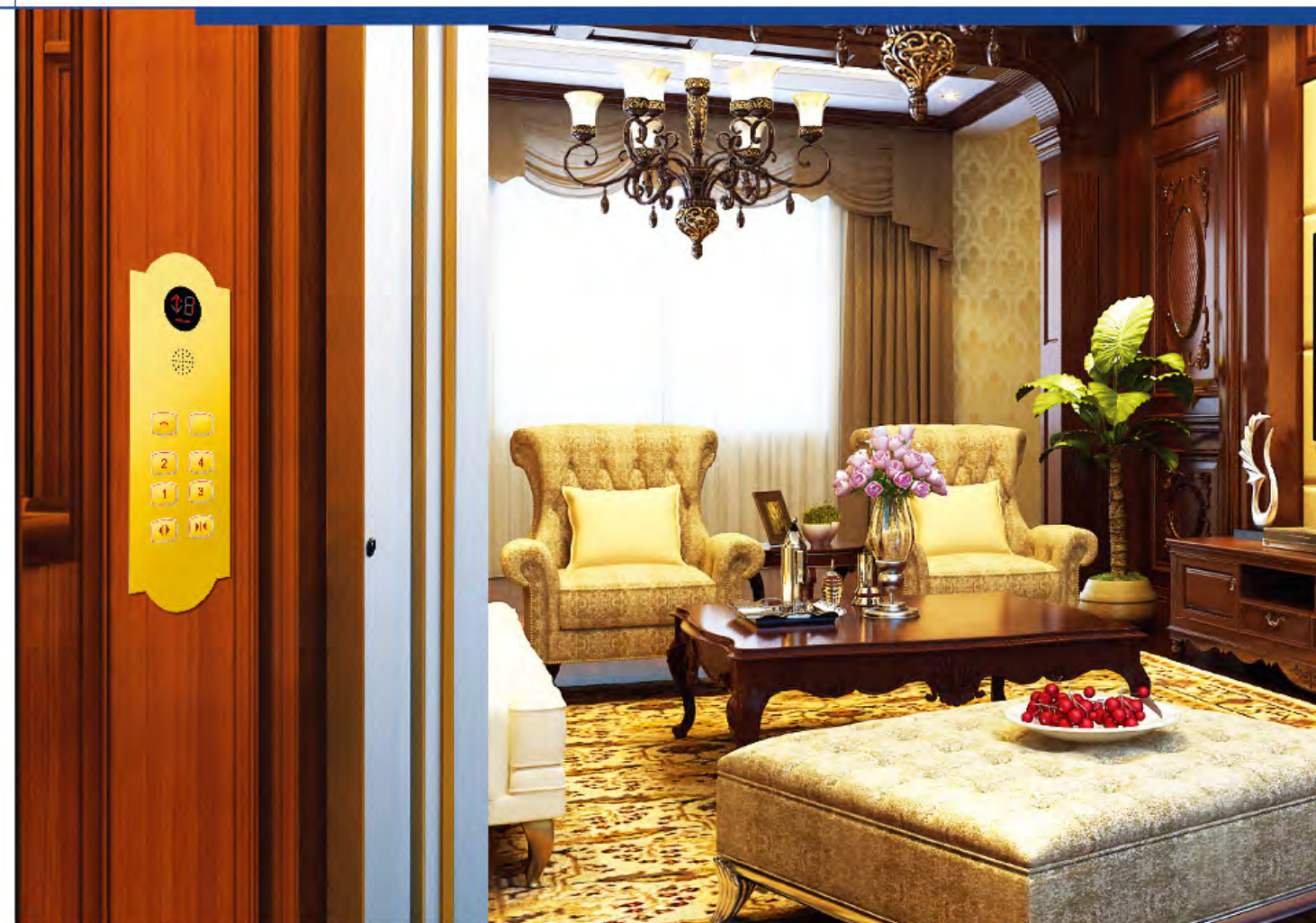
JSP012
Optional



JS009-1
Optional



JS010-1
Optional



JSP013
Optional



JSP014
Optional

Human-machine interface

Operation panel for disabled



JSP015
Optional



JSP016
Optional

Freight elevator operation panel



JSP017
Standard



JSP018
Optional



JS017-1
Standard



JS018-1
Optional

Floor



F001
Standard



F002
Optional



Hall transom
indicator



JS004-1-3
Optional



JS005-1-3
Optional



JS006-1-3
Optional



JS007-1-3
Optional



JS008-1-3
Optional



JS009-1-3
Optional



JS010-1-3
Optional



JS011-1-3
Optional



JS012-1-3
Optional

Ceiling



JS-C002 (Optional)

Stainless steel hairline frame,
acrylic transparent board, down lamps



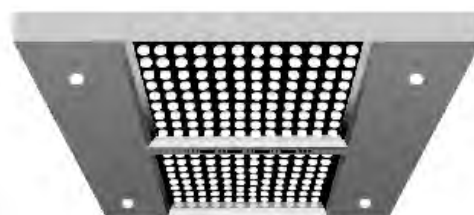
JS-C005 (Optional)

Multi-ply reflection board with
soft lighting design of down lamps
on both sides



JS-C003 (Optional)

Stainless steel hairline frame,
acrylic transparent board



JS-C006 (Optional)

Stainless steel hairline frame,
acrylic lighting decoration,
down lamp



JS-C004 (Optional)

Hairline stainless steel,
acrylic lighting decoration,
down lamps on both sides



JS-C007 (Optional)

Stainless steel frame, acrylic lighting
decoration, central LED lighting



JS-C008 (Optional)

Hairline stainless steel frame,
acrylic transparent board,
down lamp



JS-C011 (Optional)

Stainless steel hairline frame, acrylic
lighting decoration, down lamp



JS-C009 (Optional)

Mirror stainless steel frame,
acrylic transparent board,
down lamp



JS-C012 (Optional)

Hairline stainless steel frame,
acrylic transparent board,
crystal decoration



JS-C010 (Optional)

Hairline stainless steel,
acrylic lighting decoration



JS-C013 (Optional)

Stainless steel frame, acrylic arch,
acrylic lighting decoration

Classical decoration



JSL003 (Optional)

Landing Door	Hairline etched stainless steel
Jamb	Hairline stainless steel



JSL003



JSL004

JSL004 (Optional)

Landing Door	Hairline etched stainless steel
Jamb	Hairline stainless steel



JSL005



JSL006

JSL005 (Optional)

Landing Door	Hairline etched stainless steel
Jamb	Hairline stainless steel

JSL006 (Optional)

Landing Door	Hairline etched stainless steel
Jamb	Hairline stainless steel

JSL007 (Optional)

Landing Door	Hairline etched stainless steel
Jamb	Hairline stainless steel



JSL007



JSL008

JSL008 (Optional)

Landing Door	Hairline etched stainless steel
Jamb	Hairline stainless steel



JSL009



JSL010

JSL009 (Optional)

Landing Door	Hairline etched stainless steel
Jamb	Hairline stainless steel

JSL010 (Optional)

Landing Door	Hairline etched stainless steel
Jamb	Hairline stainless steel



JSL011



JSL012

JSL011 (Optional)

Landing Door	Hairline etched stainless steel
Jamb	Hairline stainless steel

JSL012 (Optional)

Landing Door	Hairline etched stainless steel
Jamb	Hairline stainless steel



JSL013



JSL014

JSL013 (Optional)

Landing Door	Hairline etched stainless steel
Jamb	Hairline stainless steel

JSL014 (Optional)

Landing Door	Hairline etched stainless steel
Jamb	Hairline stainless steel

Classical decoration



JSL015 (Optional)

Landing Door	Hairline etched stainless steel
Jamb	Hairline stainless steel

JSL016 (Optional)

Landing Door	Hairline etched stainless steel
Jamb	Hairline stainless steel

JSL017 (Optional)

Landing Door	Hairline etched stainless steel
Jamb	Hairline stainless steel

JSL018 (Optional)

Landing Door	Hairline etched stainless steel
Jamb	Hairline stainless steel

JSL019 (Optional)

Landing Door	Black titanium etched stainless steel
Jamb	Black titanium stainless steel

JSL020 (Optional)

Landing Door	Rose gold etched stainless steel
Jamb	Rose gold stainless steel



JSL015



JSL016



JSL017



JSL018



JSL019



JSL020



JSL021



JSL022



JSL023



JSL024



JSL025



JSL026

JSL021 (Optional)

Landing Door	Titanium gold etched stainless steel
Jamb	Titanium gold stainless steel

JSL022 (Optional)

Landing Door	Titanium gold etched stainless steel
Jamb	Titanium gold stainless steel

JSL023 (Optional)

Landing Door	Titanium gold mirror etched stainless steel
Jamb	Titanium gold stainless steel

JSL024 (Optional)

Landing Door	Titanium gold etched stainless steel
Jamb	Titanium gold stainless steel

JSL025 (Optional)

Landing Door	Titanium gold mirror etched stainless steel
Jamb	Titanium gold stainless steel

JSL026 (Optional)

Landing Door	Titanium gold etched stainless steel
Jamb	Titanium gold stainless steel

Handrail



JSFS01



JSFS02



JSFS03



JSFS04



JSFS05



JSFS06



JSFS07



JSFS08



JSFS09



JSFS10



JSFS11



JSFS12



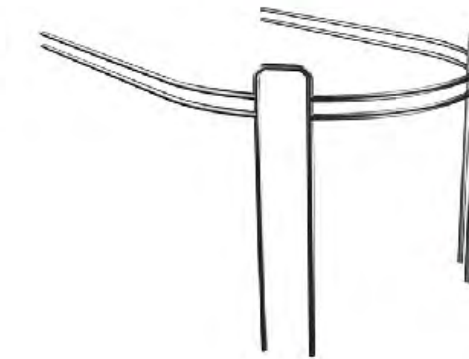
JSFS13



JSFS14



JSFS15



JSFS16



Floor



JSF002



JSF003



JSF004



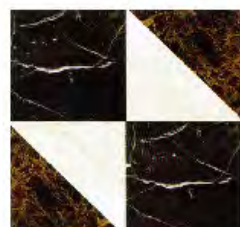
JSF005



JSF006



JSF007



JSF008



JSF009



JSF010



JSF011



Color



JSC001



JSC002



JSC003



JSC004



JSC005



JSC006



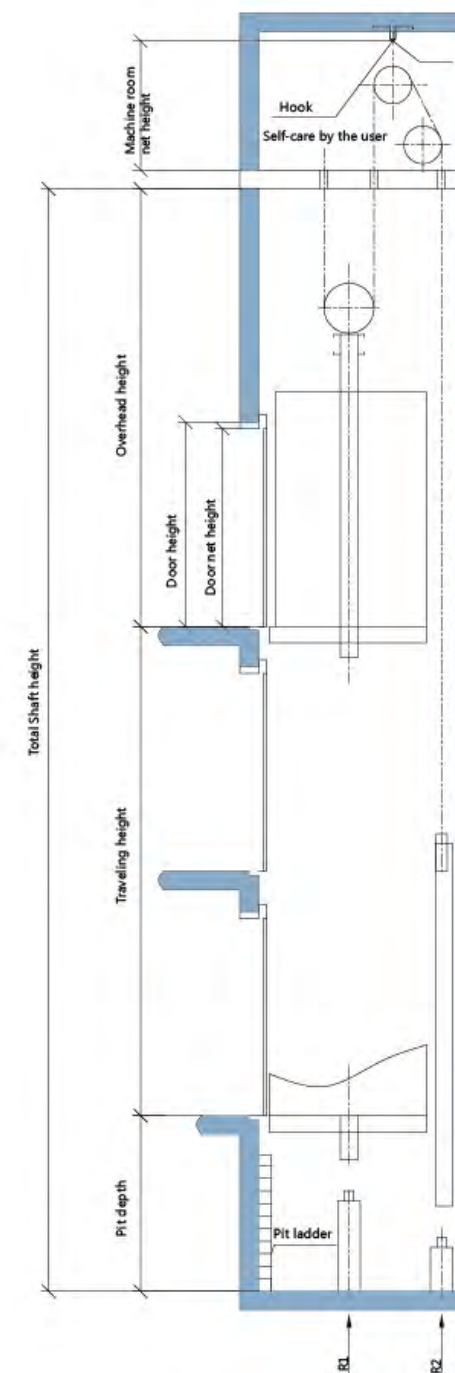
JSC007



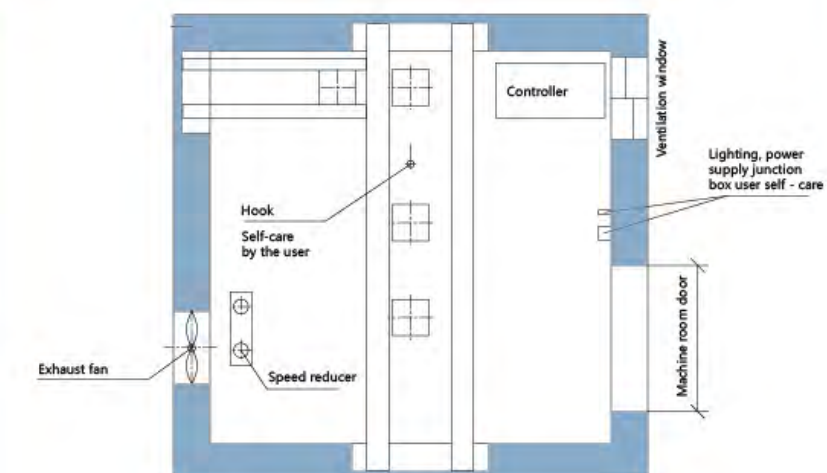
JSC008

Small machine room passenger elevator construction sketch

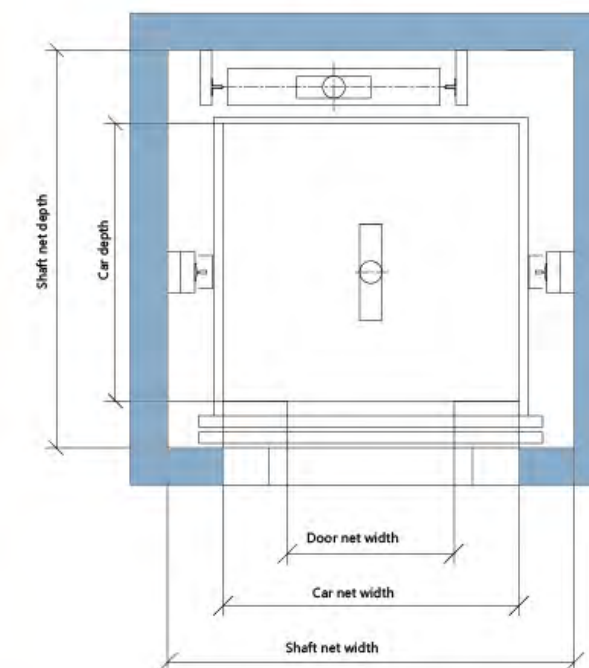
Shaft vertical section



Machine room plane layout



Shaft plan layout



The user's tasks

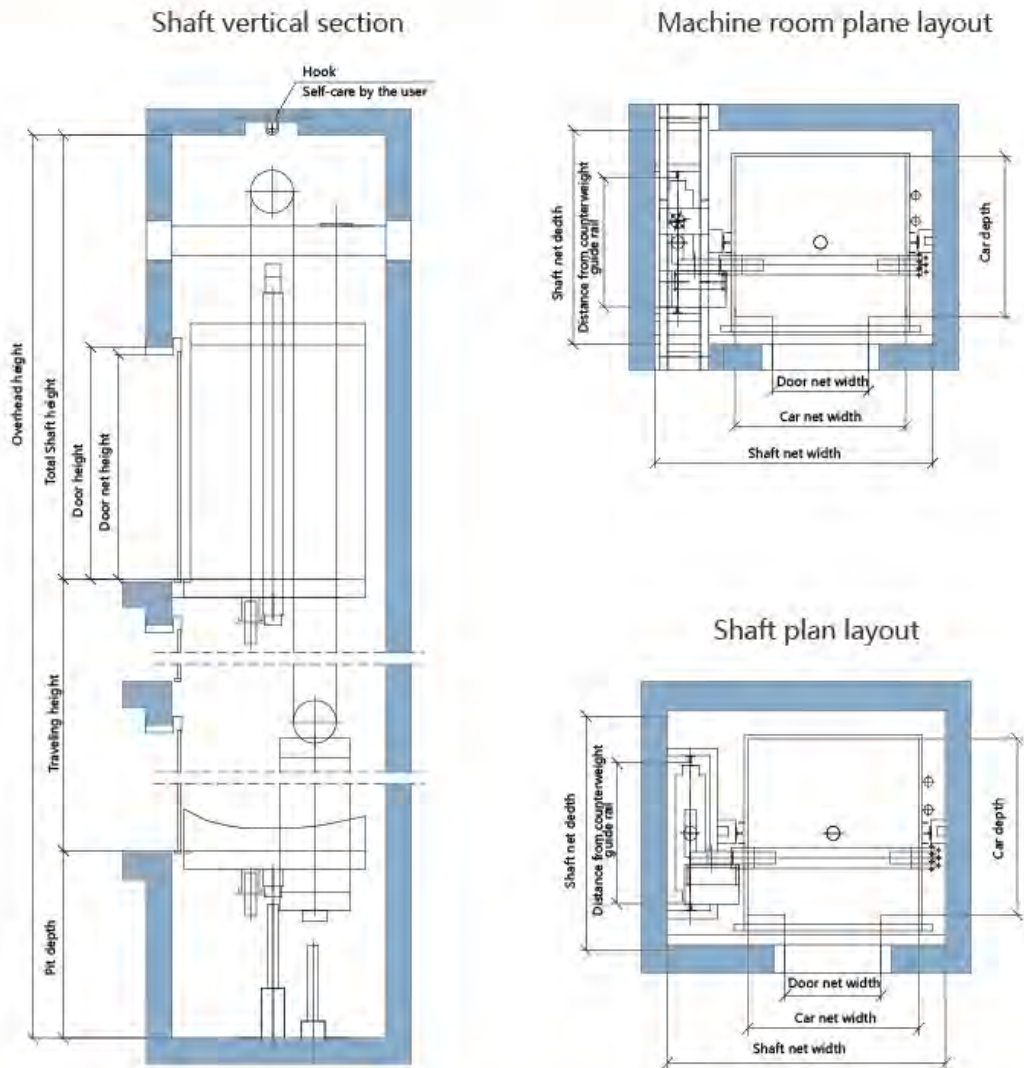
- 1. It makes the drawing according to the relevant lift technical standard. It needs to be checked and confirmed by the user before it becomes the lift installation proof.
- 2. It shall have one above 50mm step with the proper width around the holes that lead to the well in side the machine room.
- 3. After the installation completion, the ground decoration shall have a proper height step in the sill surface to prevent water or other impurity from entering into the well.
- 4. The casting object in the installation shall satisfy the relevant drawing requirements.
- 5. The buffer base shall be made under the directions of the installers.

Load (kg)	Speed (m/s)	Car size (mm)	Shaft(Min.) (mm)	Door-opening size (mm)	Overhead height K(min.)(mm)	Pit depth P(min.)(mm)	Rise(Max.) HQ(Max.)(m)
630	1.0	1400x1100x2400	1900x1750	800x2100	4200	1400	50
	1.5/1.75				4400	1600	90
	2.0				4700	1700	105
800	1.0	1400x1350x2400	1900x2000	800x2100	4200	1400	50
	1.5/1.75				4400	1600	90
	2.0				4700	1700	105
1000	2.5	1600x1500x2400	2100x2150	900x2100	4900	1900	120
	1.0				4200	1400	50
	1.5/1.75				4400	1600	90
1150	2.0	1800x1500x2400	2350x2250	1000x2100	4700	1700	105
	2.5				4900	1900	120
	1.0				4400	1500	50
1350	1.5/1.75	1950x1500x2400	2500x2250	1100x2100	4400	1700	90
	2.0				4600	1800	105
	2.5				4800	2000	120
1600	1.0	1950x1750x2400	2500x2500	1100x2100	5000	1500	50
	1.5/1.75				4600	1700	90
	2.0				4800	1800	105
2000	2.5	2000x2100x2400	2900x2600	1200x2100	5000	2000	120
	1.0				4400	1500	50
	1.5/1.75				4600	1700	90
2000	2.0	2000x2100x2400	2600x3000	1200x2100	4800	1800	105
	2.5				5000	2000	120
	3.0				5500	3000	135
2000	4.0	2000x2100x2400	2600x3000	1200x2100	6500	4000	165
	5.0				7500	4500	180
	6.0				9000	5000	200

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



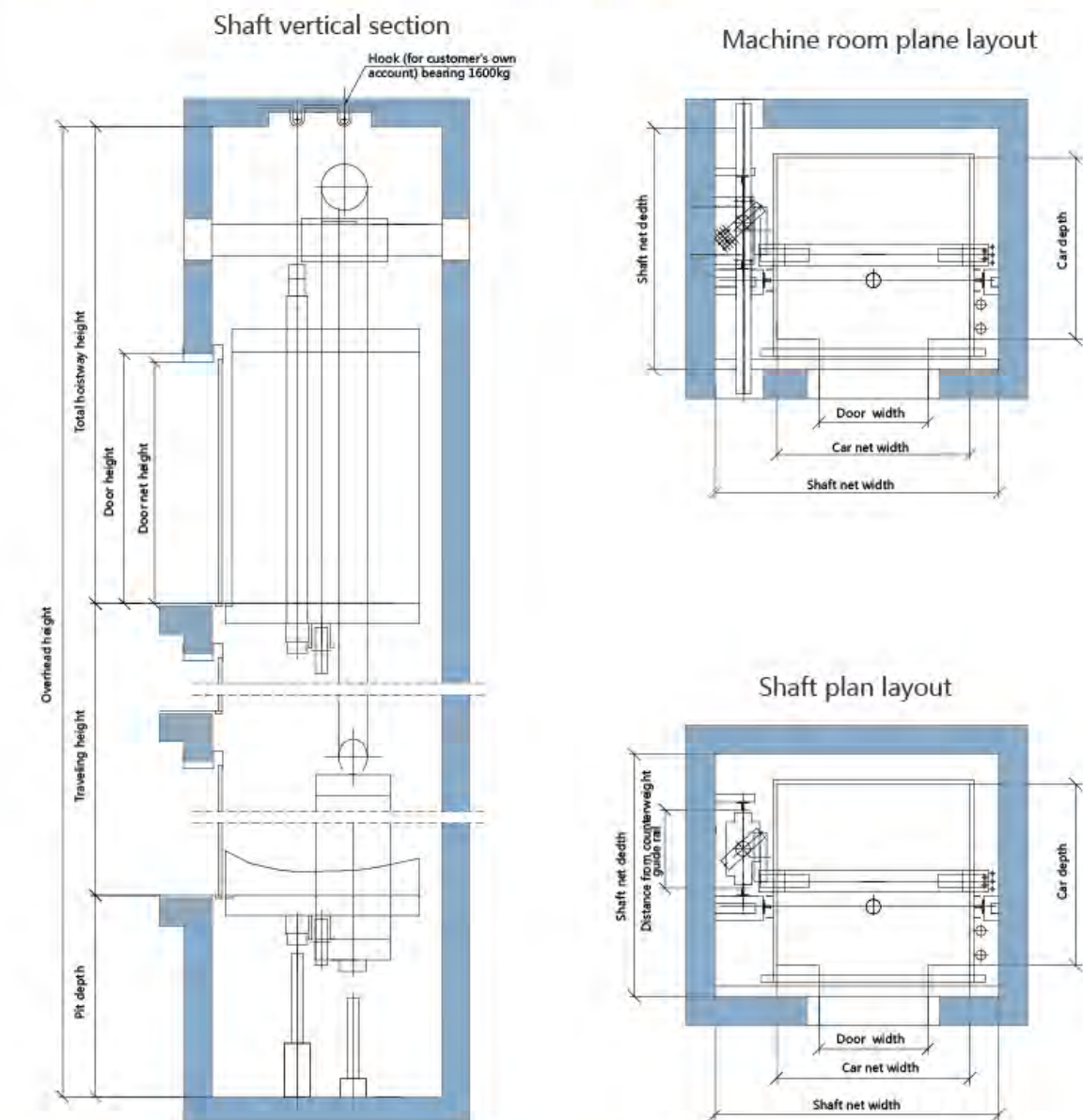
Machine roomless passenger elevator construction sketchc(cement counter-weight)



Load (kg)	Speed (m/s)	Car size (mm)	Shaft(Min.) (mm)	Door-opening size (mm)	Overhead height K(min.)(mm)	Pit depth P(min.)(mm)	Rise(Max.) HQ(Max.)(m)
630	1.0	1200x1400x2400	2200x1800	800x2100	4200	1500	50
	1.5/1.75				4500	1600	90
	2.0				4700	1800	105
800	1.0	1400x1400x2400	2400x1800	800x2100	4200	1500	50
	1.5/1.75				4500	1600	90
	2.0				4700	1800	105
1000	2.5	1600x1500x2400	2600x1900	900x2100	4900	1900	120
	1.0				4200	1500	50
	1.5/1.75				4500	1600	90
1350	2.0	1950x1500x2400	3150x1900	1100x2100	4700	1800	105
	2.5				4900	1900	120
	1.0				4200	1500	50
1600	1.5/1.75	1950x1750x2400	3150x2150	1100x2100	4500	1600	90
	2.0				4700	1800	105
	2.5				4900	1900	120

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

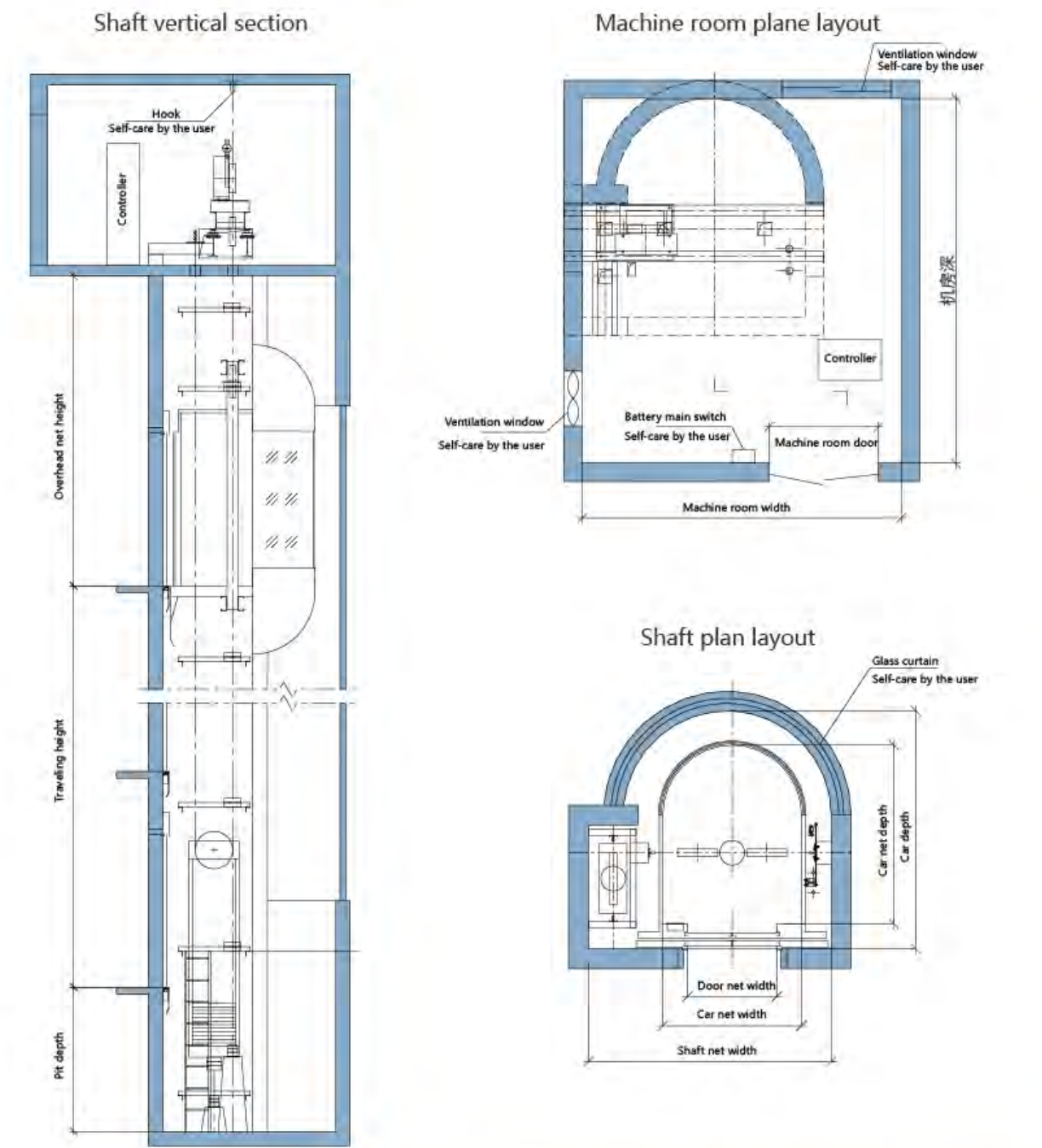
Machine roomless passenger elevator construction sketch(cast-iron counterweight)



Load (kg)	Speed (m/s)	Car size (mm)	Shaft (Min.) (mm)	Door-opening size (mm)	Overhead height: H (min.) (mm)	Pit depth: P (min.) (mm)	Rise (Max.) H (Max.) (mm)
630	1.0	1200x1400x2400	2100x1800	800x2100	4000	1500	50
	1.5/1.75				4400	1600	90
	2.0				4700	1800	105
800	1.0	1400x1400x2400	2200x1800	800x2100	4000	1500	50
	1.5/1.75				4400	1600	90
	2.0				4700	1800	105
1000	2.5	1600x1500x2400	2400x1900	900x2100	4900	1900	120
	1.0				4000	1500	50
	1.5/1.75				4400	1600	90
	2.0				4700	1800	105
	2.5				4900	1900	120

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

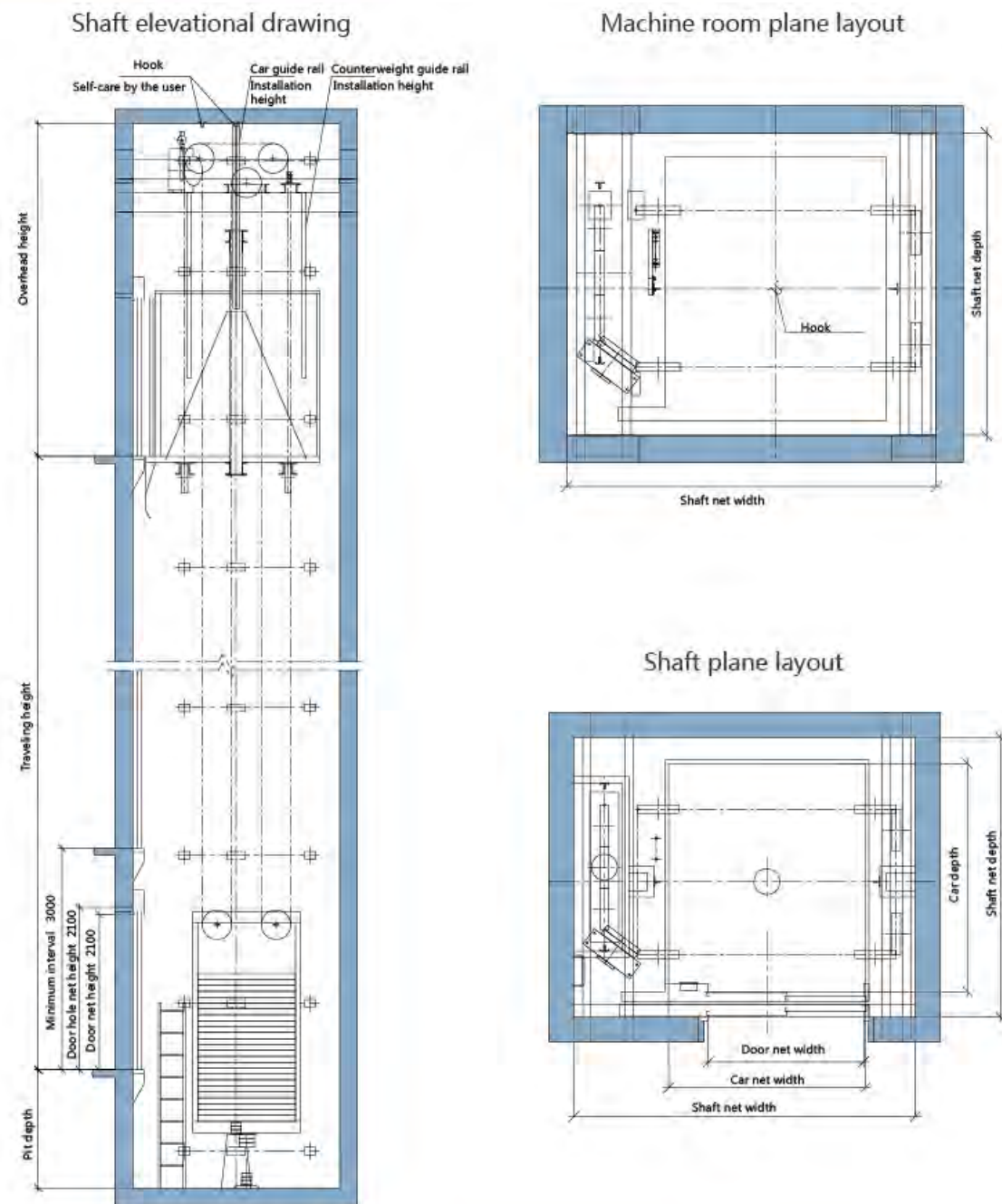
Observation elevator construction sketch



Load (kg)	Speed (m/s)	Car size (mm)	Door-opening size (mm)	Shaft (min.) (mm)	Pit depth (mm)	Overhead Height (mm)	Net size of machine room (mm)	Opening mode
630	1.0/1.5/1.75	1200x1600x2400	800x2100	2300x2200	1800	4800	3000x3200x2200	Center opening
800	1.0/1.5/1.75	1400x1600x2400	800x2100	2400x2200	2000	5000	3000x3500x2400	
1000	1.0/1.5/1.75	1400x1800x2400	900x2100	2450x2400	2000	5000	3000x3500x2400	
1250	1.0/1.5/1.75	1600x2000x2400	1100x2100	2700x2650	2000	5000	3500x4000x2400	
1600	1.0/1.5/1.75	1600x2300x2400	1100x2100	2700x2950	2300	5000	3500x4000x2400	

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

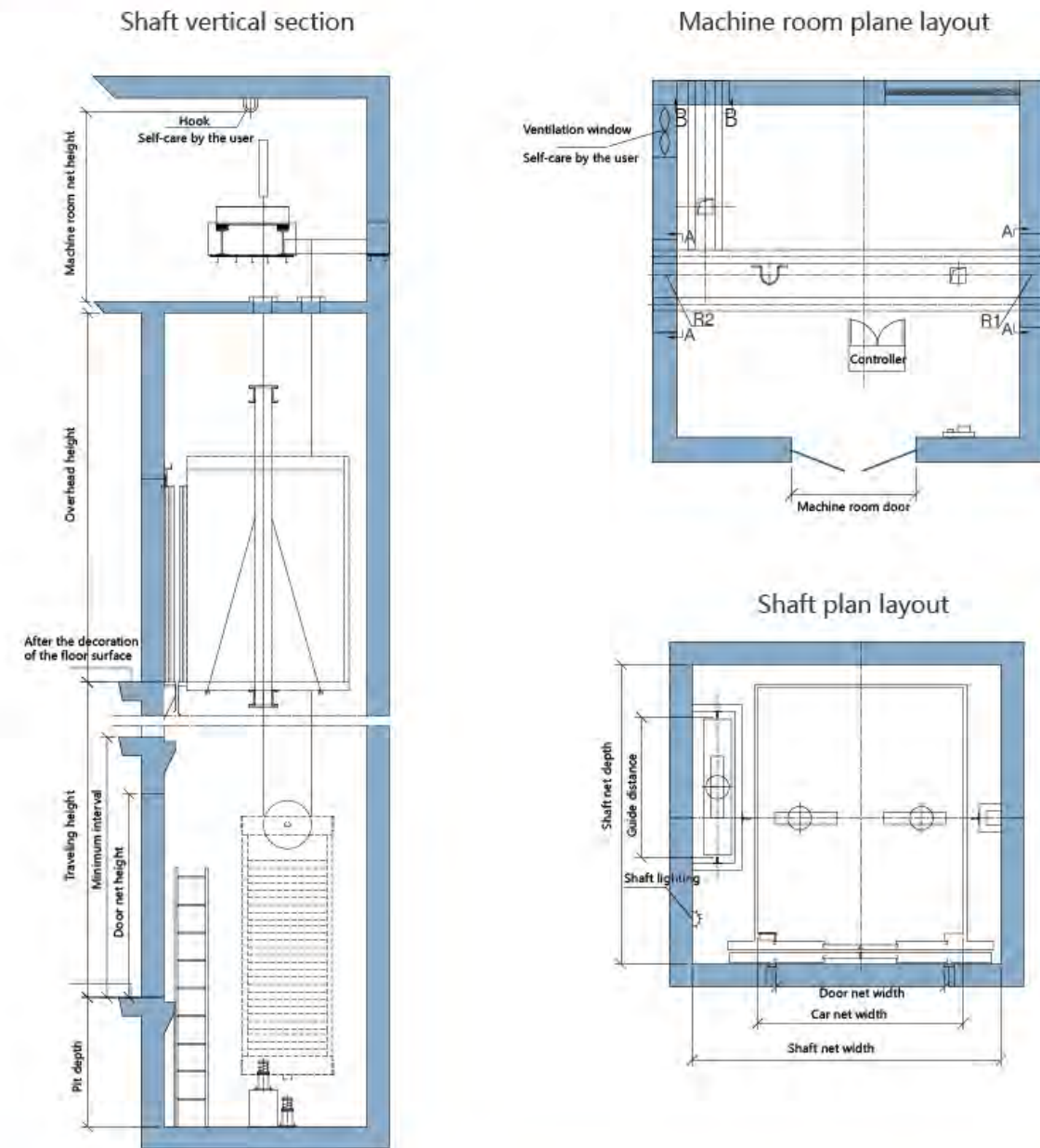
Machine roomless freight elevator construction sketch



Load (kg)	Speed (m/s)	Car size (mm)	Door-open size (mm)	Shaft (mm) (mm)	Pit depth (mm)	Overhead Height (mm)	Opening mode
1000	0.5/1.0	1600x1500x2200	1300x2100	2600x2100	1700	4200	Double fold and side open
1600	0.5/1.0	1300x2000x2200	1000x2100	3000x2800	1700	4500	
2000	0.5/1.0	1900x2200x2200	1500x2100	3300x2800	1700	4500	
3000	0.5/1.0	2200x2700x2200	1800x2100	3700x3200	1700	4800	Center opening and double folded
5000	0.5/1.0	2400x3600x2500	2000x2400	4100x4100	1800	5500	

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

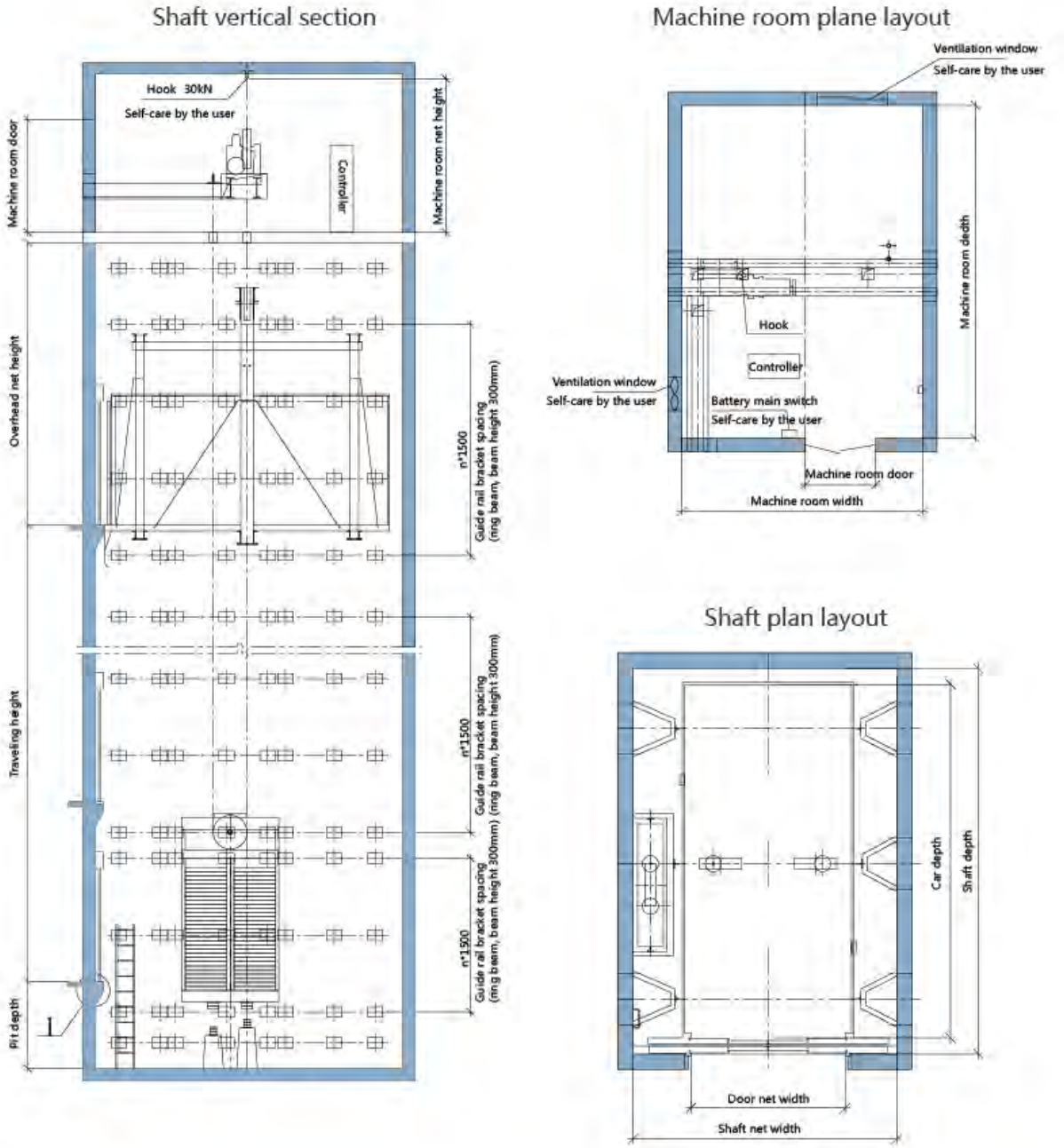
Freight elevator construction sketch



Load (kg)	Speed (m/s)	Car size (mm)	Door-open size (mm)	Shaft (mm) (mm)	Pit depth (mm)	Overhead Height (mm)	Size of machine room (mm)	Opening mode
1000	0.5/1.0	1300x1800x2200	1000x2100	2200x2300	1400	4200	3000x3500x2200	Double fold and side open
1600	0.5/1.0	1600x2200x2200	1300x2100	2500x2700	1400	4500	3500x4000x2300	
2000	0.5/1.0	1600x2600x2200	1300x2100	2500x3200	1400	4500	3500x4200x2300	
3000	0.5	2200x2700x2200	1800x2100	3300x3200	1700	4500	3500x4200x2300	Center opening & double folded
5000	0.25/0.5	2400x3600x2300	2000x2200	3800x4200	1700	5000	3800x4200x2600	
6000	0.25/0.5	2600x4000x2500	2200x2400	4000x4600	1800	5500	4000x4600x3000	
8000	0.25/0.5	3000x4500x2500	2600x2400	4500x5000	1800	6000	4500x5100x3000	
10000	0.25/0.5	3400x4500x2500	2600x2400	5000x5600	1800	6000	6200x5600x3000	

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

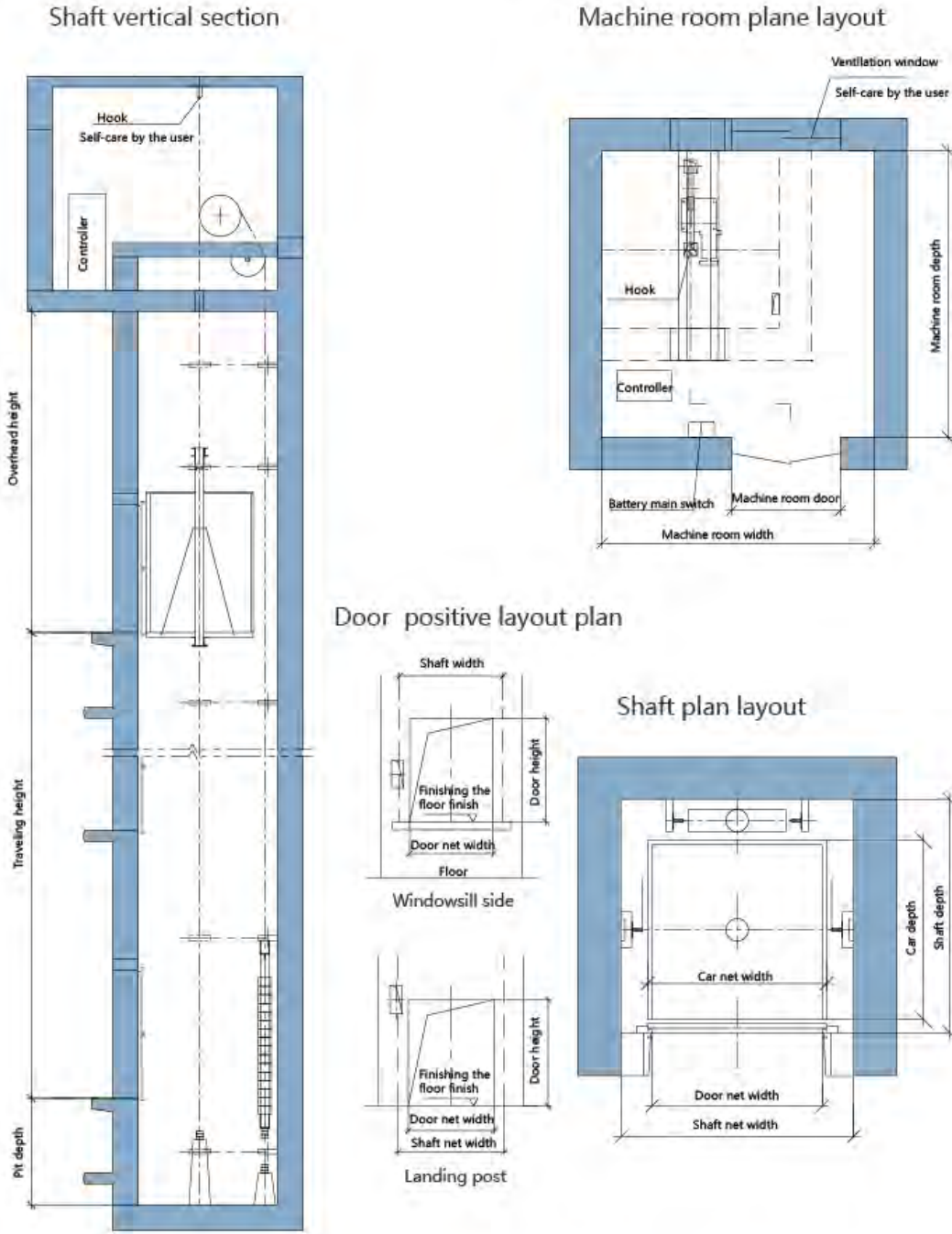
Automobile elevator construction sketch



Load (kg)	Speed (m/s)	Car size (mm)	Door-open size (mm)	Shaft (mm)	Pit depth (mm)	Overhead height (mm)	Net size of machine room (mm)	Opening mode
3000	0.25/0.5	2600x5500x2300	2400x2200	4500x6000	1900	5500	Machine-Room-Less/Inorganic room	Center opening & double folded
3000	0.25/0.5	2600x5500x2300	2400x2200	4100x6000	1700	5200	4100x6000x2800	
5000	0.25/0.5	3000x6500x2300	2600x2200	4500x7000	1700	5200	4500x7000x2800	
6000	0.25/0.5	3200x6500x2300	2600x2200	4700x7000	1800	5500	4700x7000x3000	
8000	0.25/0.5	3500x7000x2500	2800x2400	5000x7500	1800	5800	5000x7500x3000	
10000	0.25/0.5	3500x8000x2500	2800x2400	5000x8500	1800	5800	5000x8500x3000	

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

Dumbwaiter elevator construction sketch

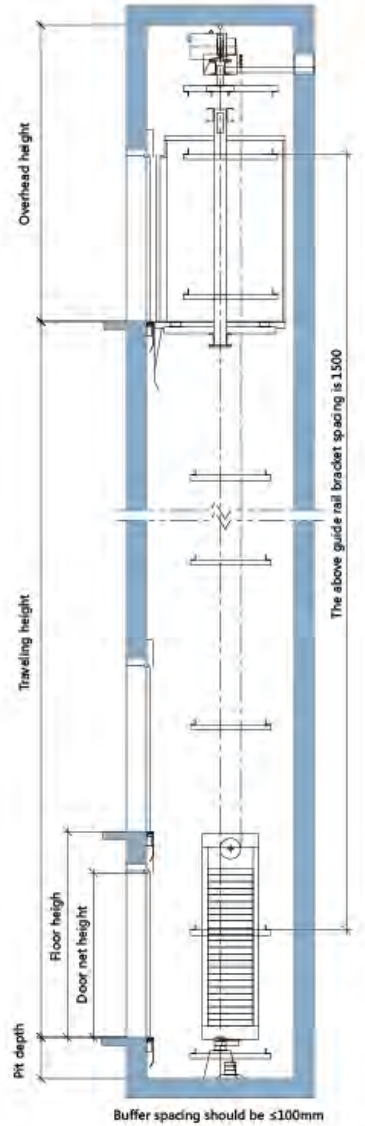


Load (kg)	Speed (m/s)	Car size (mm)	Door-open size (mm)	Shaft (mm)	Pit depth (mm)	Overhead height (mm)	Opening mode
100	0.4/1.0	700x1000x1200	650x1200	1200x1150	1000	3000	Up and down
200	0.4/1.0	800x1000x1200	750x1200	1300x1150	1000	3000	
250	0.4/1.0	900x1000x1200	850x1200	1400x1150	1000	3000	
300	0.4/1.0	1000x1000x1200	950x1200	1500x1150	1000	3000	

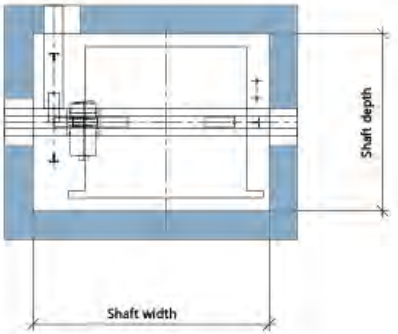
The data is for design reference only. For the detailed parameters, please take the technical drawing as the criterion.

Side placement home elevator construction sketch

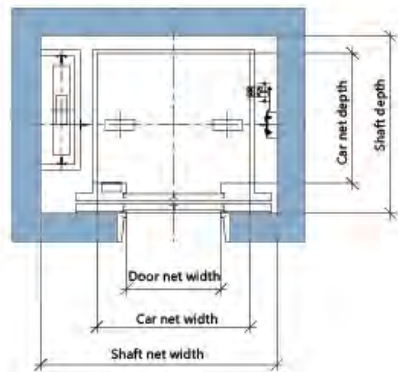
Rotation shaft vertical section



Shaft top plan layout



Shaft plan layout

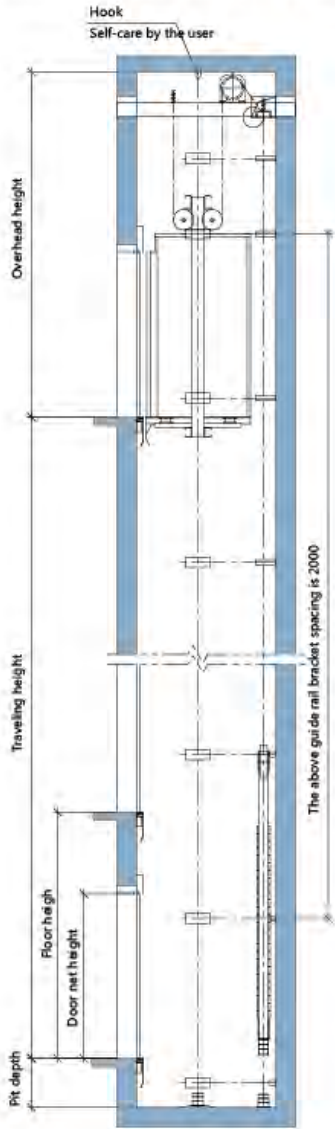


Load (kg)	Speed (m/s)	Car size (mm)	Door-opening size (mm)	Shaft (mm)	Pit depth (mm)	Overhead height (mm)	Opening mode
250	0.4	850×950	650×2000	1500×1250	500	2900	Split door
320	0.4	900×1100	700×2000	1550×1400	500	2900	Split door
400	0.4	1050×1100	700×2000	1700×1400	500	2900	Split door

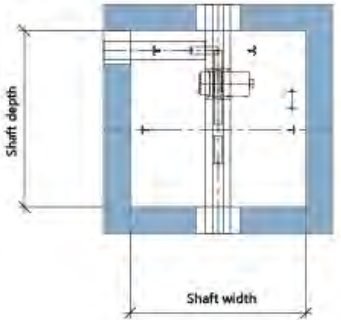
The data is for design reference only. For the detailed parameters, please take the technical drawing as the criterion.

Rear placement home elevator construction sketch

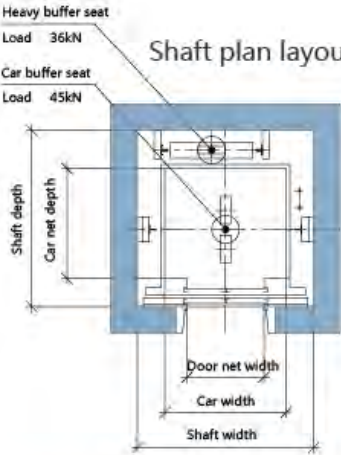
Rotation shaft vertical section



Shaft top plan layout



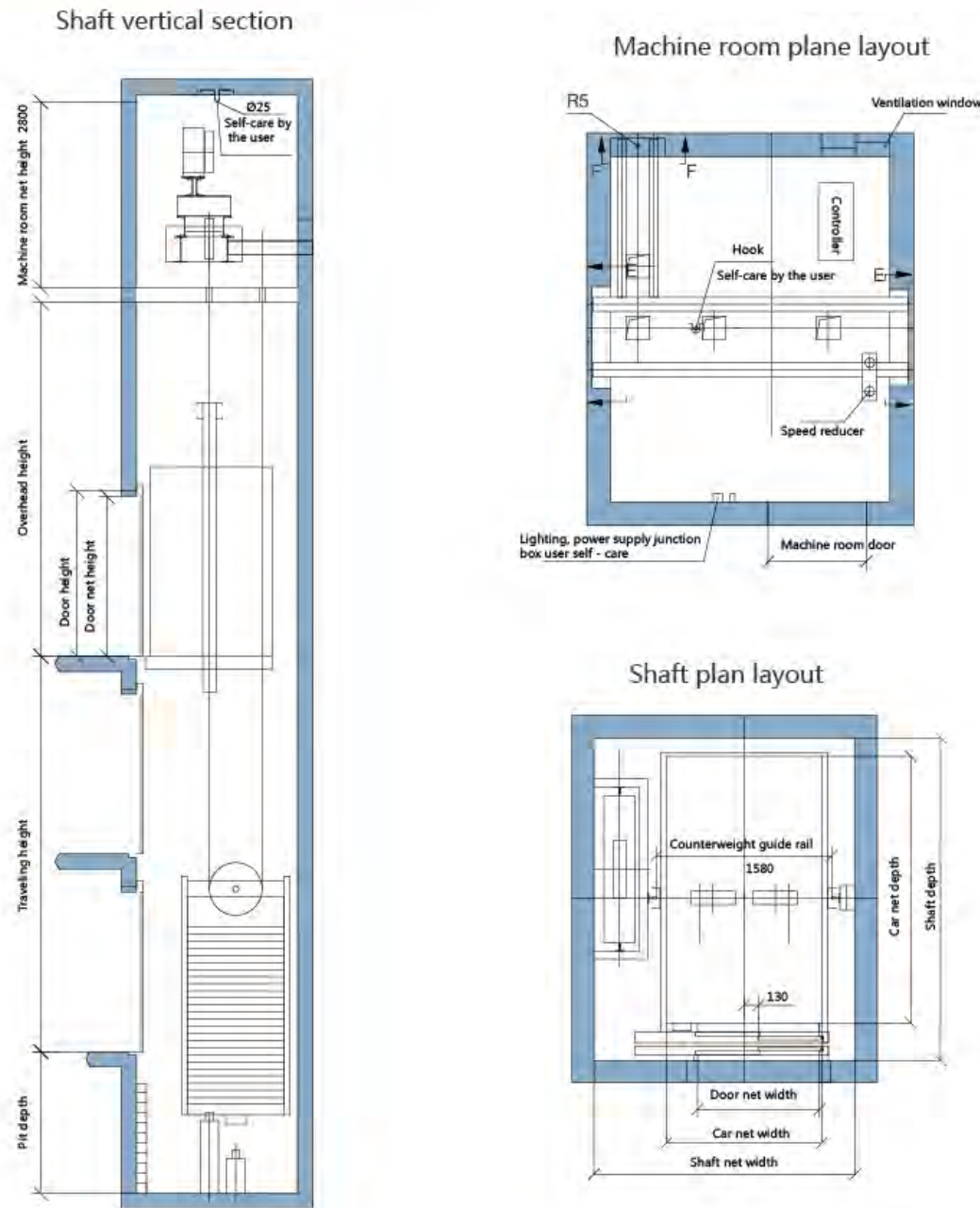
Shaft plan layout



Load (kg)	Speed (m/s)	Car size (mm)	Door size (mm)	Shaft (mm)	Pit depth (mm)	Overhead height (mm)	Power supply	Opening mode	Motor power (kw)
250	0.4	1050×950×2200	650×2000	1400×1400	< 300	3000	Single-phase 220V or three-phase 380V	Split door	1.1
		1100×900×2200	700×2000	1550×1500	≥ 300	3500		Split door	
320	0.4	1100×1050×2200	700×2000	1500×1500	< 300	3000		Split door	1.1
		1100×1100×2200	700×2000	1550×1700	≥ 300	3500		Split door	
400	0.4	1200×1150×2200	750×2200	1600×1600	< 300	3000		Split door	1.5
		1300×1100×2200	800×2000	1750×1700	≥ 300	3500		Split door	

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

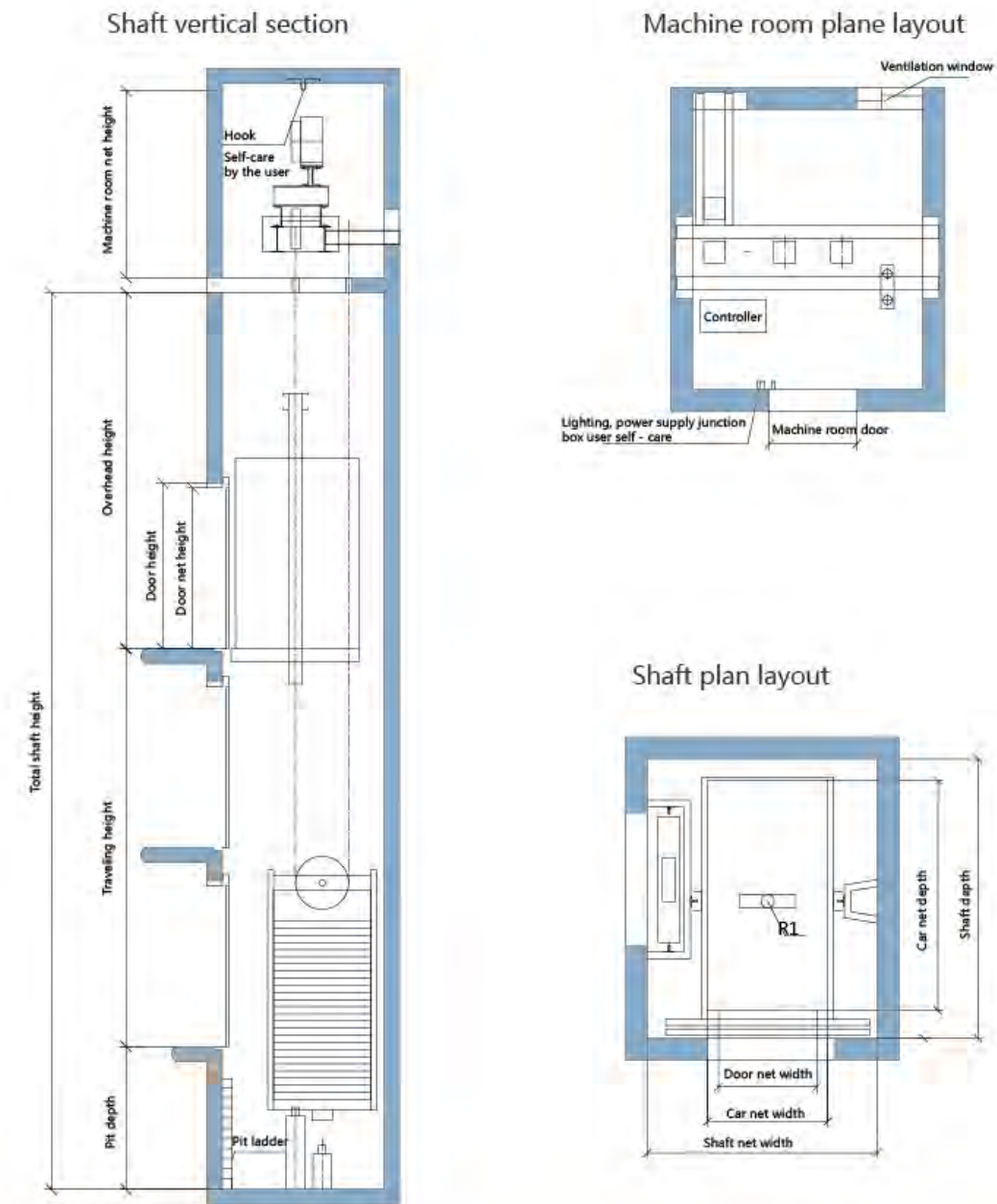
Hospital elevator construction sketch



Load (kg)	Speed (m/s)	Car size (mm)	Door-opening size (mm)	Shaft (mm)	Pit depth (mm)	Clearance height (mm)	Opening mode
1600	1.0	1400x2400x2500	1100x2100	2550x2900	1600	4400	Center opening and side opening or opening double fold
	1.5/1.75			(Center opening)	1700	4600/4700	
	2.0			2350x2900	2000	4800	
	2.5			(Side opening)	2000	5000	
2000	1.0	1700x2400x2500	1300x2100	2650x2900	1600	4400	Opening double fold
	1.5/1.75				1700	4600/4700	
	2.0				2000	4800	
	2.5				2000	5000	

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

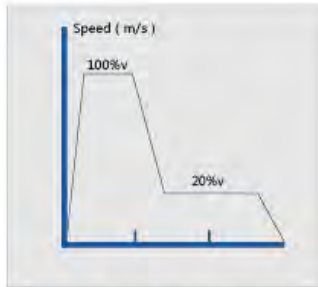
Stretcher elevator construction sketch



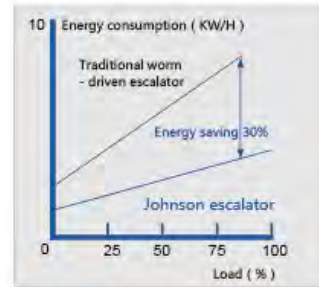
Load (kg)	Speed (m/s)	Car Size (mm)	Shaft (mm)	Door-opening size (mm)	Overhead height (mm)	Pit depth (mm)	Riser (Max.) HQ (Max.) (m)
1000	1.0	1100x2100x2400	2200x2600	900x2100	4200	1400	50
	1.5/1.75				4400	1600	90
	2.0				4700	1700	105
	2.5				4900	1900	120

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

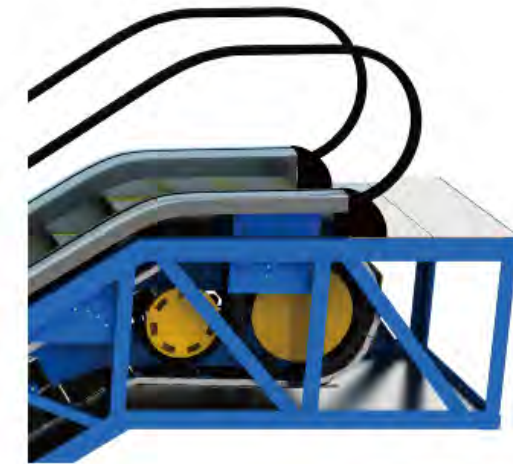
Johnson escalator



Operation diagram of frequency conversion specification



Helical gear reducer than worm gear
Efficiency diagram of the auxiliary reducer



High performance asynchronous host engine

It transfers large torque in small space. At low speed, it ensures high drive efficiency with little frictional coefficient. It is easy to establish kinetic pressure oil film with high drive efficiency. It saves energy. Escalator traction machine applies the internationally famous retarding mechanism, dynamic force transmission efficiency with extremely high wear-ability. Reliable and easily-adjustable brake-shoe style brake is between motor and reduction gears. It guarantees good automation properties, safety twitch distance with smooth operation and very low noise.

Effective transmission, variable frequency energy-saving

Compared with the traditional worm gear decelerator, precise and effective helical gear decelerator is more effective. It fully guarantees the efficient energy utilization. In variable frequency operation, it multiplies detects the passenger flow. It automatically stops when nobody uses the elevator. It thus avoids invalid running and saves electric power.

Johnson moving walk

Constantly stable operation, operating as easily as walking on firm earth

Johnson moving walk is low in noise, smooth in operation, durable in use, convenient in repair. It always performs very well in the aspects of safety and quality. As a high quality transport product, Johnson moving walk satisfies the clients' various requirements to the greatest extent. Safe, comfortable and attractive moving walk lets you enjoy the most relaxing and pleasant moments in outing and shopping.



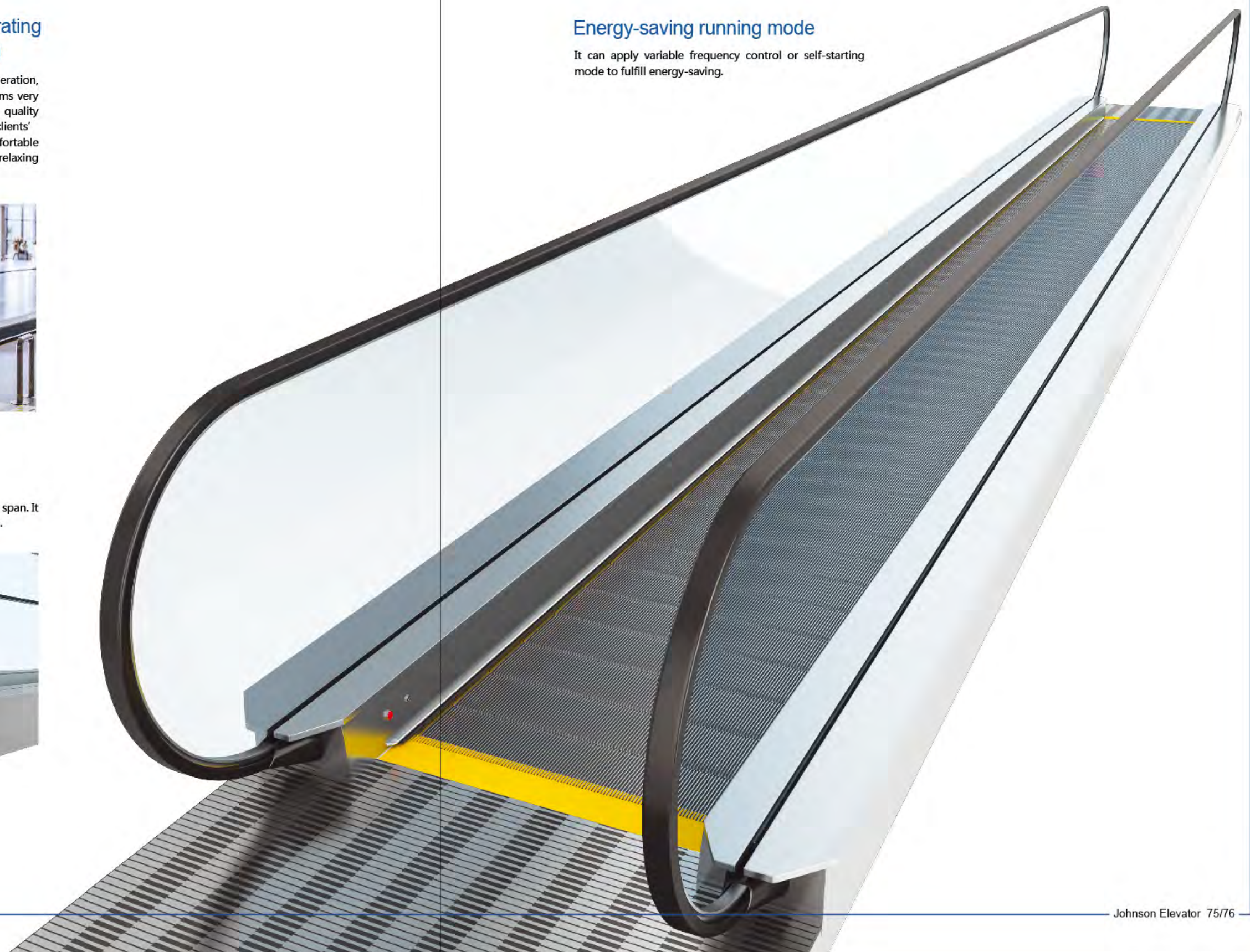
Compact structure

Fish-belly beam style short tread greatly reduces space span. It saves the precious building space for broad customers.

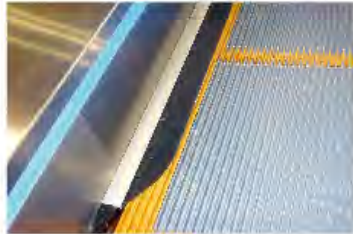


Energy-saving running mode

It can apply variable frequency control or self-starting mode to fulfill energy-saving.



Configuration



Skirt panel brush

The skirt board brushes, mounted on both sides of the skirt boards and located above the steps, can not only avoid the passengers' shoes colliding on the skirt boards but also effectively avoid the entry of foreign objects into the steps.



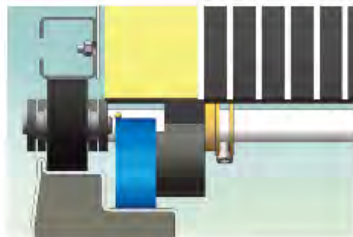
Handrail inlet

Novel, contemporary fashion sense streamline handrail the entrance design gives escalator more spiritual affinity, contains carefully observe users. Do now flexible, rounded, smooth beauty, but also highlight the elegance and dignity of the surrounding buildings.



Automatic oiling

PLC control automatic lubrication system, to achieve the escalator running to the drive chain ideal automatic lubrication, not only to reduce the workload, and routine maintenance can extend the life of the transmission mechanism.



High precision ladder rail side guide rail system

The rail system uses a large cross-section with shoulder rails, steps high precision lateral positioning, can guarantee to maintain a minimum clearance between the steps and apron, lower skirt with cascade gap any object into the dangerous.



Protection device for stair deficiency

Sensor is installed in rotation of stairs of escalator; then there is deficiency of stairs, the escalator will stop operation

In order to satisfy diversified applications and higher level of requirement for functions, can provide flexibly product accessories in order to match perfectly to practical operation environment of escalator.



Heating device

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



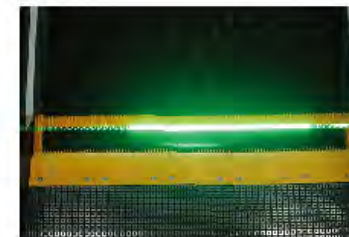
Voice HMI system

When installed in the entrance for passengers, the voice prompts to take precautions.



Oil / water separator (Apply to outdoor type)

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



Demarcation lamp

Soft and green fluorescent light sends out from the engaging teeth in-between two adjacent steps (treads) in up / down end. It reminds the passengers to pay attention to the step entry / exit horizontal section. It thus enhances the travel safety.



Table type traction machine

The smooth engagement and the frictional reduction guarantees the extremely low noise. It can reduce more than 60% of the noise. Compared with the traditional worm wheel drive, it is of higher driving efficiency.

Configuration

Handrail color



Black(Standard)

Red(Optional)

Blue(Optional)

Purple(Optional)



Gray(Optional)

Yellow(Optional)

Green(Optional)

Brown(Optional)

Handrail panel



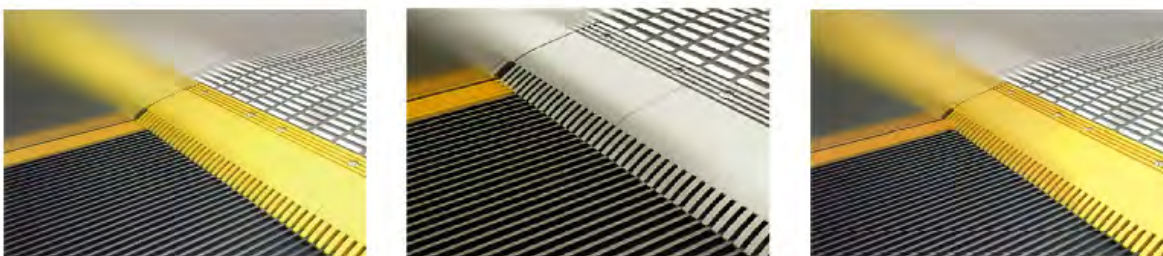
White(Standard)

Blue(Optional)

Red(Optional)

Yellow(Optional)

Comb teeth

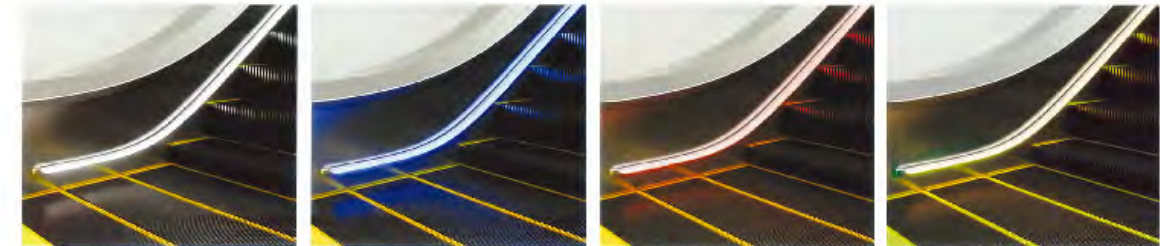


Yellow plastic (Standard)

Aluminum (Optional)

Aluminum surface yellow paint
(Optional)

Skirting panel lighting



White(Optional)

Blue(Optional)

Red(Optional)

Yellow(Optional)

Baseboard color



Colorless
transparent
(Standard)

Gray(Optional)

Brown(Optional)

Yellow(Optional)

Red(Optional)

Blue(Optional)

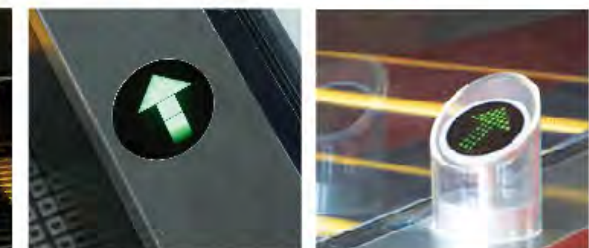
Comb teeth lighting



White LED(Optional)

Yellow LED(Optional)

Running direction indicator



Black plastic matrix display
(Optional)

Transparent plastic LED display
(Optional)

Frontier board



Aluminum patch(Standard)

Stainless steel striped patch
(Optional)

Stainless steel square patch
(Optional)

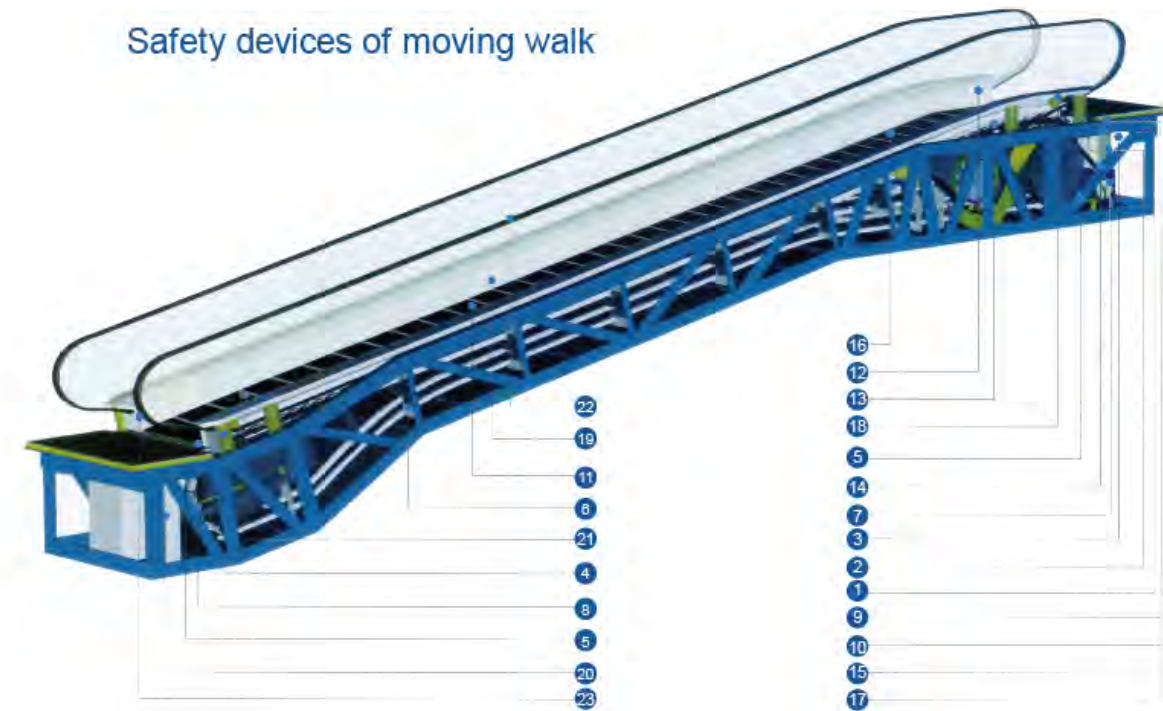
Safety devices

Safety devices of escalator



Standard safety device	Description of functions
1.Lack of phase, error phase protection:	If lack of phase or error phase has been checked out, the escalator (moving walking) 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 walking).
4.Handrail inlet protection:	When some foreign substance has been clipped in the handrail inlet, the escalator (moving walking) 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 walking) will automatically stop the operation.
6.Step sagging protection device:	When there is abnormal step bending, the escalator (moving walking) 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 walking) 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 walking) will automatically stop the operation.
9.Over-speed protection:	When there is over-speed to the escalator (moving walking), it will automatically stop the operation.
10.Direction reversal protection:	when it comes the unintentional reversal of the direction of travel, the escalator (moving walking) 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 walking offers the selective yellowspray-painted security line.)
12.Emergency stop button:	When the button has been pressed down, the escalator (moving walking) 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 walking) will automatically stop the operation.

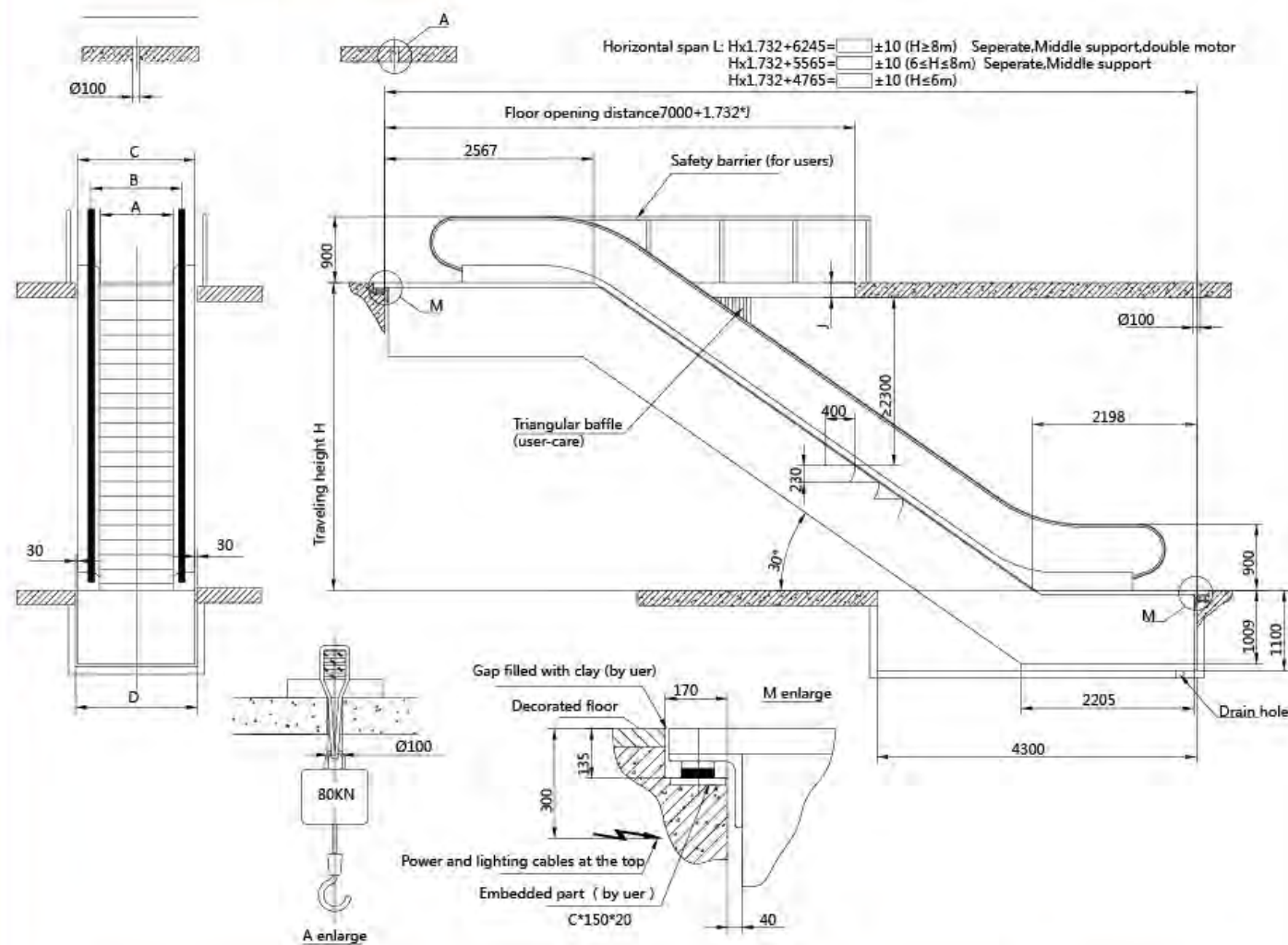
Safety devices of moving walk



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 walking) 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:	It is a selective safety device. 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.)

Optional safety device	Description of functions
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.
23Automatic 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. Scanning sensor and traditional guide rod are available for your choice.

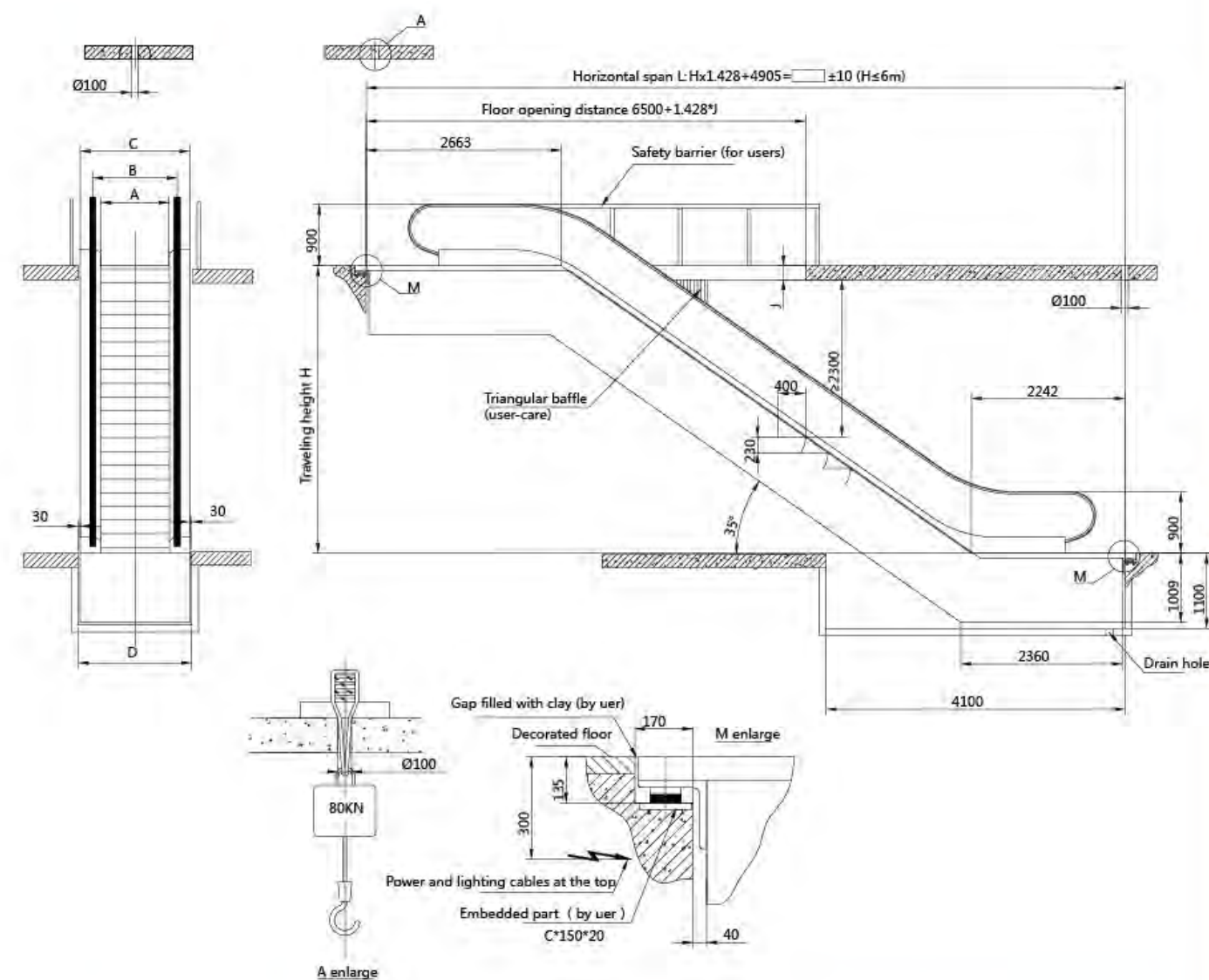
30° escalator
construction sketch



Traveling height (mm)	Rated speed (m/s)	Step width (mm)	Inclination (°)	Motor power (kW)	Horizontal belt center distance (mm)	Width of handrail slope (mm)	Handrail height (mm)	Platform (mm)	Transverse size	
					B (mm)	G (mm)	H (mm)	D (mm)	h	l
$3000 \leq H < 4000$	0.5	600	30	5.5	838	1200	900	1260	≤ 2900	≤ 12500
$4000 \leq H < 5000$				7.5					≤ 2950	≤ 14500
$5000 \leq H \leq 6000$				11					≤ 3000	≤ 16500
$3000 \leq H < 4000$	0.5	800	30	5.5	1038	1400	900	1460	≤ 2900	≤ 12500
$4000 \leq H < 5000$				7.5					≤ 2950	≤ 14500
$5000 \leq H \leq 6000$				11					≤ 3000	≤ 16500
$3000 \leq H < 4000$	0.5	1000	30	5.5	1238	1600	900	1660	≤ 2900	≤ 12500
$4000 \leq H < 5000$				7.5					≤ 2950	≤ 14500
$5000 \leq H \leq 6000$				11					≤ 3000	≤ 16500
$6000 \leq H \leq 8000$				13/15					≤ 2900	≤ 13600
$8000 \leq H < 10000$				2x11 2x13 2x15					≤ 3000	≤ 16000

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

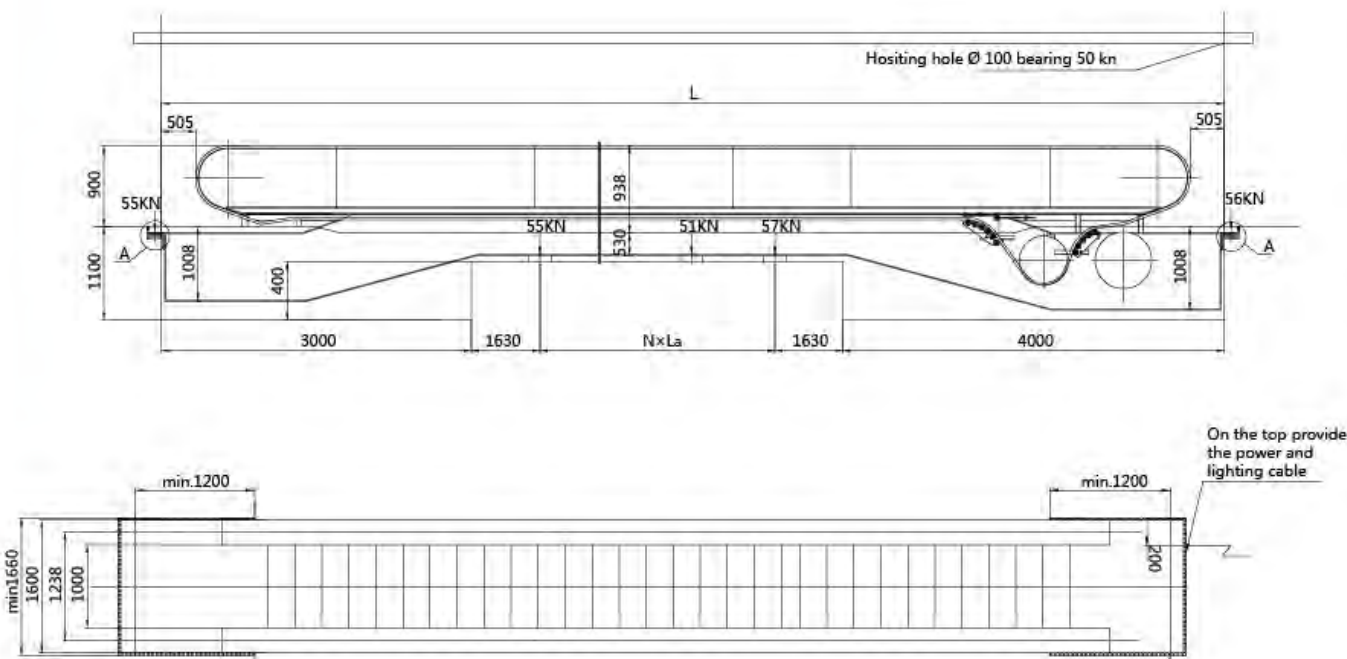
35° escalator
construction sketch



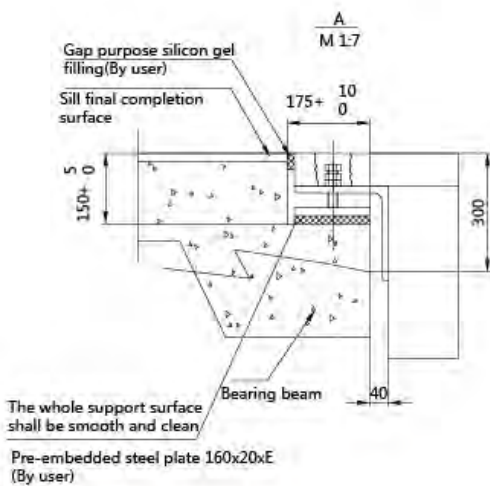
Traveling height (mm)	Rated speed (m/s)	Step width (mm)	Inclination (°)	Motor power (kW)	Horizontal belt center distance (mm)	Width of handrail slope (mm)	Handrail height (mm)	Platform (mm)	Transverse size	
					B (mm)	G (mm)	H (mm)	D (mm)	h	l
$3000 \leq H < 4000$	0.5	600	35	5.5	838	1200	900	1260	≤ 2950	≤ 12000
$4000 \leq H < 5000$				7.5					≤ 3000	≤ 14000
$5000 \leq H \leq 6000$				11					≤ 3100	≤ 16000
$3000 \leq H < 4000$	0.5	800	35	5.5	1038	1400	900	1460	≤ 2950	≤ 12000
$4000 \leq H < 5000$				7.5					≤ 3000	≤ 14000
$5000 \leq H \leq 6000$				11					≤ 3100	≤ 16000
$3000 \leq H < 4000$	0.5	1000	35	5.5	1238	1600	900	1660	≤ 2950	≤ 12000
$4000 \leq H < 5000$				7.5					≤ 3000	≤ 14000
$5000 \leq H \leq 6000$				11					≤ 3100	≤ 16000

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

0°- 6° moving walk construction sketch



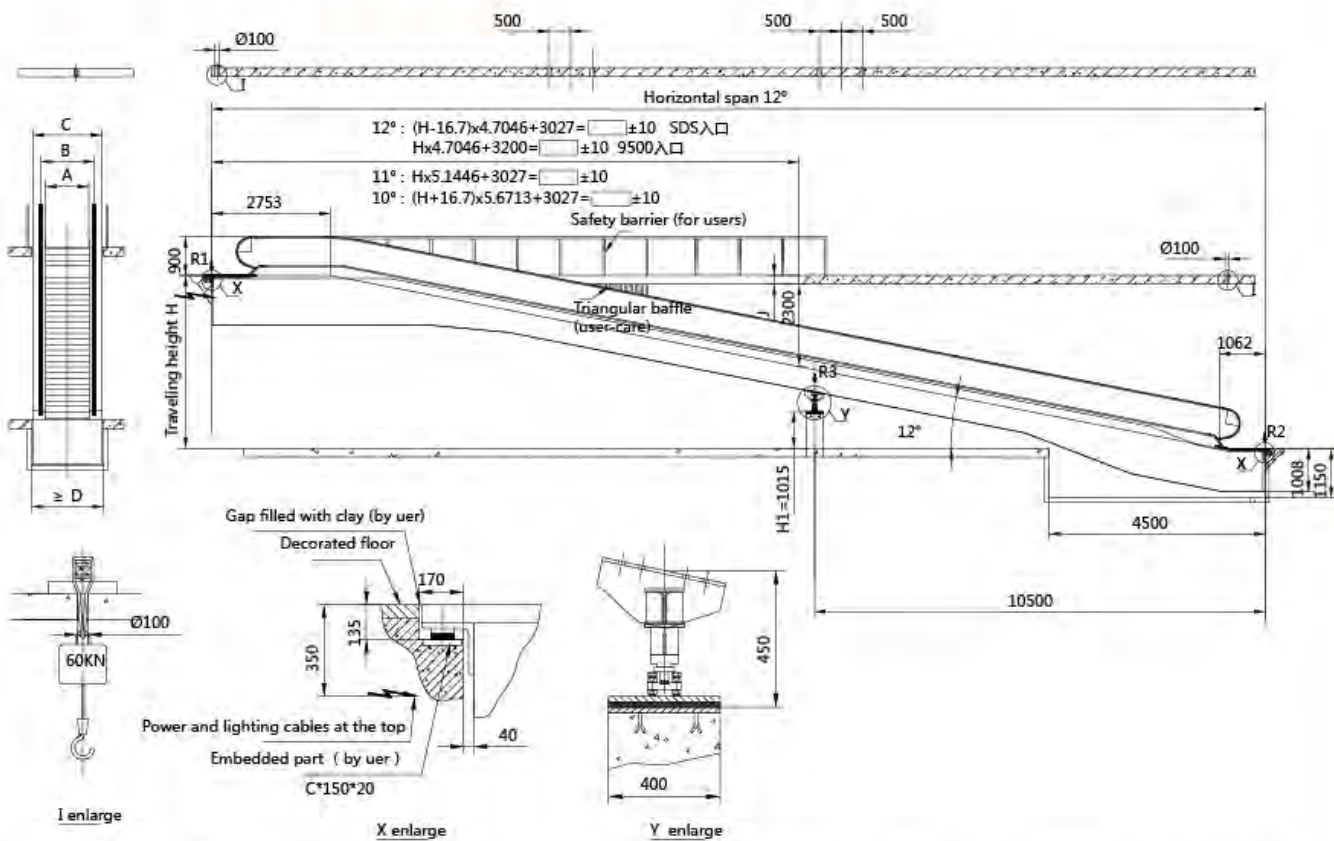
It should fill or cover the gap between the machine and the construction. The user should take care of the standard which is applicable for the well width.



Traveling Height (mm)	Rated speed (mm/s)	Step width (mm)	Inclination (°)	Motor power (kW)	Handrail belt center distance (mm)	Handrail height (mm)	Stepwell width (mm)	Stepwell Depth (mm)	
10000≤H≤80000	0.5	800	0~6	8	1038	900	1400	1460	
80000 < H≤110000				11					
10000≤H≤80000		1000		8	1238	900	1600	1660	
80000 < H≤110000				11					

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

10°-12° moving walk construction sketch



Traveling Height (mm)	Rated speed (m/min)	Step width (mm)	Inclination (°)	Motor power (kW)	Handrail belt center distance (mm)	Handrail height (mm)	Stepwell width (mm)	Stepwell depth (mm)
2000 ≤ H ≤ 4200	0.5	800	10	8	1038	900	1400	1460
4200 < H ≤ 5900				11				
5900 < H ≤ 7500				15				
7500 ≤ H ≤ 8500				2x11				
2000 < H ≤ 4200	0.5	1000	10	8/11	1238	900	1600	1660
4200 < H ≤ 5900				15				
5900 < H ≤ 6400				2x11				
6500 ≤ H ≤ 8500				2x15				
2000 < H ≤ 4200	0.5	800	11	8	1038	900	1400	1460
4200 < H ≤ 5900				11				
5900 ≤ H ≤ 6400				15				
6500 < H ≤ 8500				2x11				
2000 < H ≤ 4200	0.5	1000	11	8/11	1238	900	1600	1660
4200 < H ≤ 5900				15				
5900 ≤ H ≤ 6400				2x11				
6500 < H ≤ 8500				2x15				
2000 < H ≤ 4200	0.5	800	12	8	1038	900	1400	1460
4200 ≤ H ≤ 5900				11				
5900 < H ≤ 6400				15				
6500 < H ≤ 8500				2x11				
2000 < H ≤ 4200	0.5	1000	12	8/11	1238	900	1600	1660
4200 ≤ H ≤ 5900				15				
5900 < H ≤ 6400				2x11				
6500 < H ≤ 8500				2x15				

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

Classical projects

Through the years' market accumulation, Johnson has become a comprehensive and excellent construction and traffic service provider. It is also first-choice for vast construction projects because of reliable quality, professional after sale service, rich product items.

Johnson Elevator has successfully supplied vast vertical traffic solution plans for world-wide commercial buildings, residential projects, cultural landmarks, government buildings. It wins general approval and deep trust from broad customers.



Majed Al Deehany
Kuwait-Africa



Chill Pepper Boutique-Dubai



Kavinga Guest House-America



Palacio Pinello-India



La Roca Edifice-India



Blue Jay Edifice-Dubai



Perry's Bridge Hollow Boutique Hotel-Africa



Shimaya Building-Japan



Lotte Building-Korea



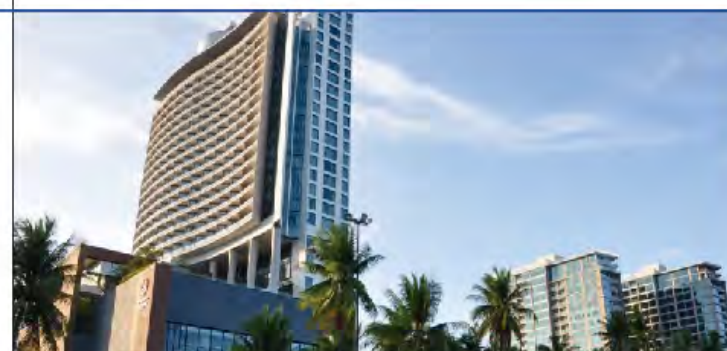
Suites Sevilla Plaza-Spain



Rissington Inn-Spain



Vincci La Rabida-Spain



Jamahkiri Resort-Thailand



Terrazze Building-Cambodia



Ichikawa Grand-India



Gable End-China



Grand Sihanouk Building-Japan



Thailand Baan Sansuk-Thailand



The Bloc Hotel-China



America Sacramento The Rivermark
Corporate District



Balmoral House-Hongkong



Best Western Kenwick-India



One Central-Japan



The Key Sathorn-Ratchapreuk



The Zentral Arenal Suites-America



Circa 51 Boutique
Residence-Cambodia



Metropolitan Takasaki-Japan



Petit Palace Marques Santa
Ana-India



The Tamarind-Spain



Apartamentos Óscar
Valle-Spain