FUJILF ELEVATOR CO., LTD.

Add: Fenhu Development Zone, Wujiang, Suzhou City,
Jiangsu Province, China
P.C: 215000
Tel: 0086-512-63374807
Web: http://www.fujilf.com
E-Mail: info@fujilf.com

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pay attention to
FUJILF ELEVATOR Portal Website

FUJILF



FUJILF ELEVATOR
SINO-JAPANESE JOINT VENTURE

www. fujilf.com

FUJILF
ELEVATOR CO., LTD.

Company introduction

Fujilf Elevator was established in 1946 in Japan and is the world leading elevator brands ,specializes in the R & D, manufacture, marketing, installation, repair and maintenance of the elevators. at its early stage, its main job was to develop and manufacture elevator parts. In 2009, production line of complete elevators was established in china , became SINO-JAPANESE joint venture ,introduced the most advanced elevator control technology in the world to ensure the product technology is on the industry-leading level.

Now FUJILF has second plant which mainly do OEM production of complete elevators for all international famous elevator brands. It covers a land area of over 100,000 square meters with more than 75,000 square meters of factory houses and 25,000 square meters of office area. have 900 employees which includes 80 engineering technicians.Company has a full set of advanced manufacturing and processing equipments and perfect testing instruments, such as Robot assembly line, CNC turret punch press, CNC shearing machine, CNC bending machine, acceleration tester, speed-governor tester, laser machine etc.

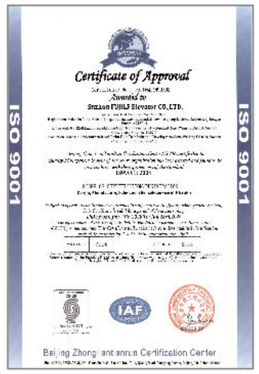
FUJILF have develop full range of products including passenger elevator, panoramic elevator hospital elevator, home elevator, freight elevator, car elevator, dumbwaiter ,escalator and moving- walkway etc. With 24,000 elevators of annual production capacity, and can produce up to 10m/s high speed elevator. In addition, FUJILF already established completely global sales network system and set up service station worldwide ,our products export to over 35 countries and covering S.E Asia, Middle- east, Europe, South America and Africa etc.

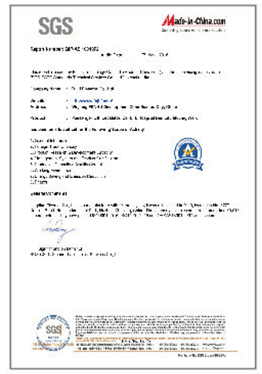
From design to manufacture, from installation to maintenance and modernization , we endeavor to satisfy the clients' individual requirements. Our worldwide service networks, well-trained engineering staff provides the customers with perfect services according to fixed work standard wholeheartedly. We have formulated and implemented a set of strict installation management process and operation rules to ensure our customers rest at ease.



















EXQUISITE DESIGN

Permanent magnet synchronous gearless traction machine

Directly driven by permanent magnet electric motor and without mechanical speed governor system. It can save more than 40% energy compared with traditional one. It has features such as small size, large output torque and large load ability.

Save more than 40% energy



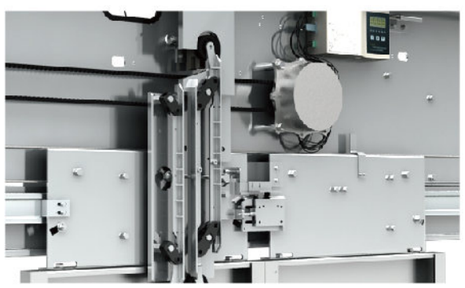
Machine room control cabinet
Machine room less control cabinet



Type	WYJ103-02.1/ 1.0~1.75			WYJ103-02.2/ 1.0~2.0			WYJ103-02.3/1.0~2.5								
Traction Ratio	2:1														
Rated voltage (V)	380														
Rated load (kg)	630			800			1000				1150				
Max. axis load (kg)	3900			4800			5200				5200				
Self weight (kg)	300			360	365		365	370		375	365	370		375	
Rated speed (m/s)	1.0	1.5	1.6/1.75	1.0	1.5	1.6/1.75	2.0	1.0	1.5	1.6/ 1.75	2.0	2.5	1.0	1.5/1.6/ 1.75	2.0	2.5
Wheel diameter (mm)	Φ400														
Rope groove	4-Φ10			5-Φ10			5-Φ10			6-Φ10	6-Φ10				
L1 (mm)	135			160			160	170		170	160	170			
L2 (mm)	35			42			42	46		46	42	46			
L3 (mm)	256			305			305	319		335	321	335			

Permanent magnet synchronous VVVF door operator

Compared with traditional AV door operator, the advanced PMSM door operator can save more than 70% energy. It adopts new door operator control technology which combines fiber-optic communication and variable-frequency technology. PMSM door operator is strong to electromagnetic interference and improves communication reliability.



COMPREHENSIVE SAFETY PROTECTION

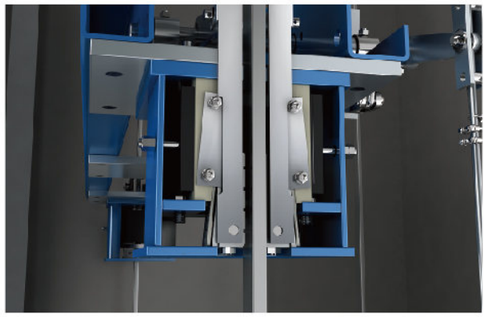
Infrared Light Curtain Protection

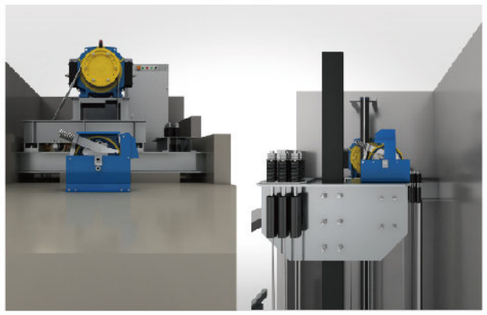
The entrance is equipped with a dense sensitive infrared light curtain so it can respond to any people or articles entering in the detection area and is very safe and more accessible.



Overspeed Protective Devices

It is equipped with overspeed protective devices such as speed limit devices, safety clamps and buffers so as to prevent overspeed or incontrollable phenomena of elevators and avoid accidents of rapidly falling cars.

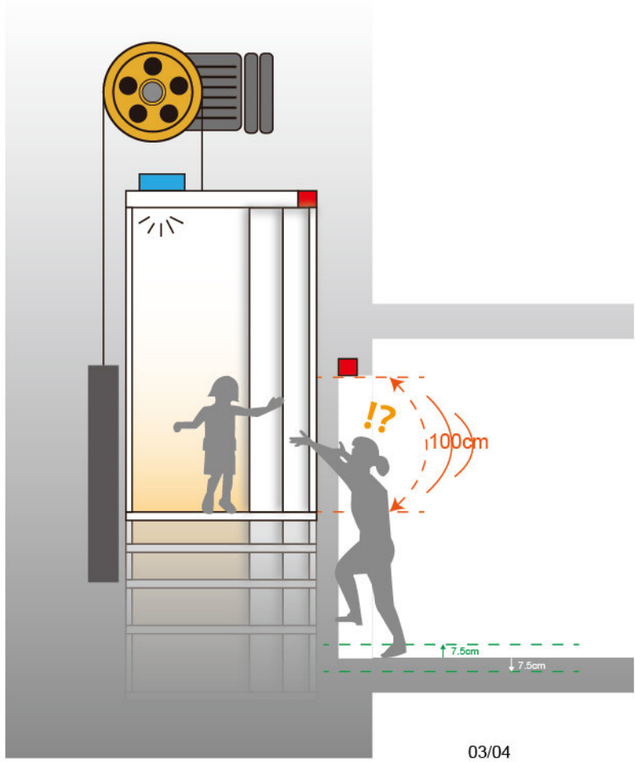






UCMP

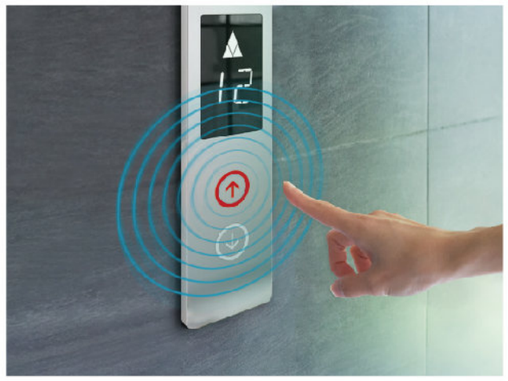
FUJILF UCMP system can automatically detect unintended movement and make brake motion to stop elevator through control system. Thus passengers can go in /out safely.



INTELLIGENT TECHNOLOGY
EXCELLENT QUALITY

Zero-touch smart sensing

Capacitive non-contact long-distance sensing mode, effective sensing distance up to 5mm, avoiding contact between fingers and buttons, greatly reducing virus infection caused by finger touch when users use the elevator, extending the life of elevator buttous.



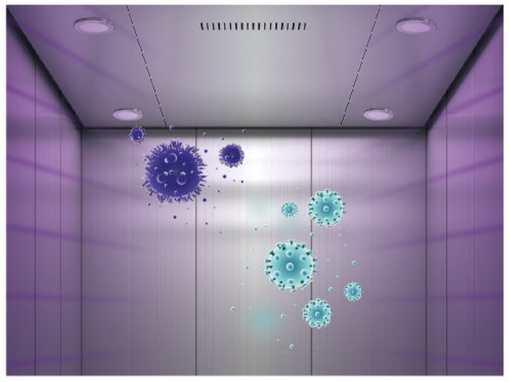
Voice call system

Adopt the voice interaction mode, through the voice call, automatically register the floor button, no finger contact is needed to reduce the chance of touching the infection.



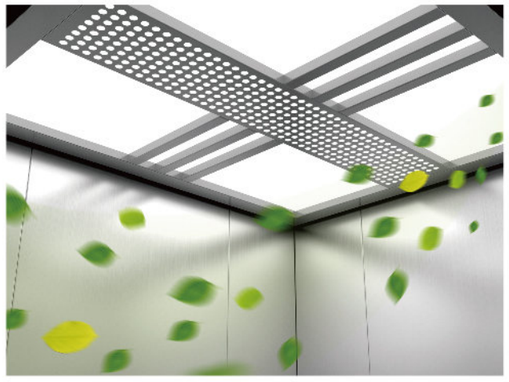
UV sterilzation technology

Using ultraviolet technology, the RNA structure of coronavirus is destroyed by UVC irradiation to achieve disinfection effect, make the elevator space safe, and effectively prevent the cross transmission of virus.



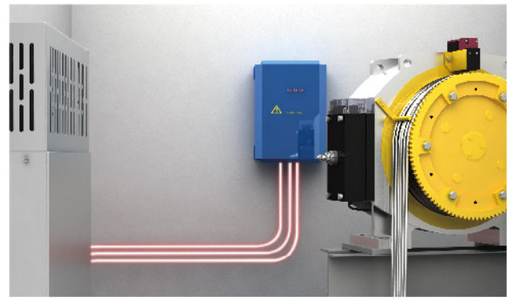
Air purifier

The double filter net is used to effectively filter the haze, continuously eliminate the carbon dioxide in the car, volatile organic substances, and make the car air flow. It can also automatically adjust the air volume according to the sensor, energy saving and environmental protection.



Energy feedback system

The elevator is in the state of power generation when the load is up or down. Traditional elevators consume the generated power through braking resistors, and the energy feedback system returns all the power to its own power grid for reuse, thereby saving energy. 30% or more.



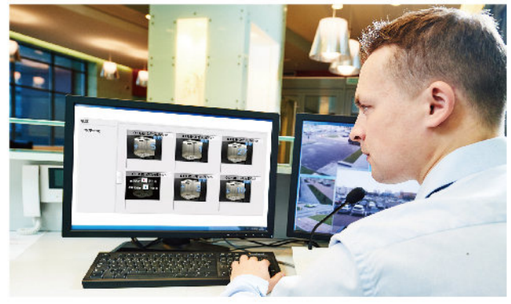
Intelligent Recognition

With facial recognition,you can take elevators without an IC card.



Intelligent Internet of things

We aim to set up a huge elevator database and monitoring center, realize the real time monitoring of all elevators and strive to create Internet of things and elevator.



IC card management system

Calling operation can be achieved by swiping card, not only simple and easy, also limit the irrelevant personnel into the limited area, effectively improve the safety level of the buildings.



SMALL MACHINE ROOM PASSENGER ELEVATOR

Small machine room design easily and freely
Enters into numerous buildings

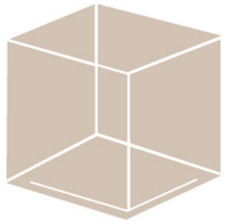


Seamless, Perfect Space Docking

Compared with the traditional elevator, FUJILF small machine room passenger elevator designs the reasonable layout, thus realizing the same size of the elevator room and the well, so that the room area saved can have more possibility for use. In the reduction of construction cost, at the same time, it greatly enhances the appearance of the building.



Small machine room



Ordinary machine room

The advantage of passenger elevator with small machine room

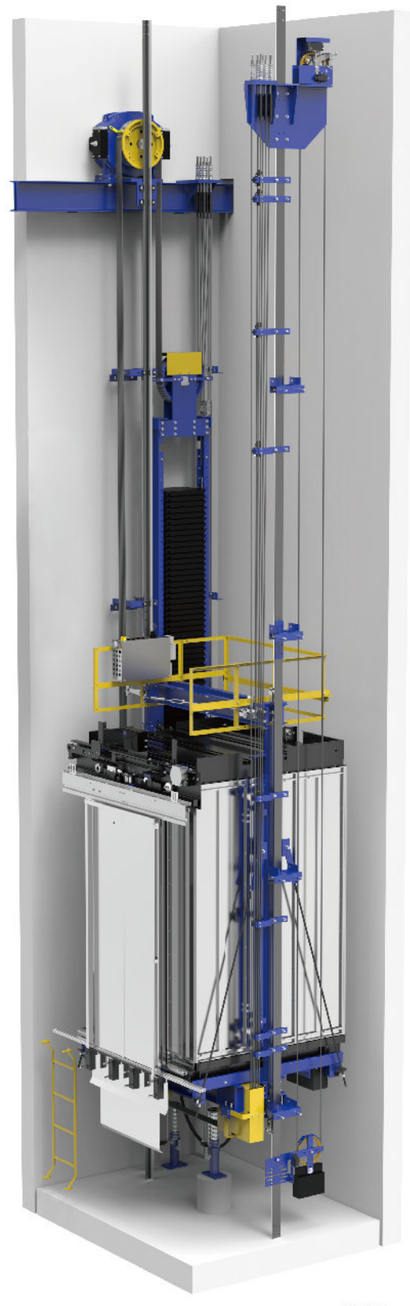
①. Reducing 250mm machine room height;
②. Delicate and light;
③. Simple, convenient installation and arrangement;
④. Saving the building space.





MACHINE ROOMLESS PASSENGER ELEVATOR

Cutting-edge technologies, create new
Riding experience



Unconstraint, to Create Opportunity

FUJILF series machine roomless passenger elevator in a compact and flexible permanent magnet synchronous gearless traction machine, make the room area exactly the same with lift shaft, forming a green channel, realizing flexible layout, to make the elevator and building a more harmonious integration, with the simple and elegant appearance.

Ingenious design, to create a smart space

Moving control cabinet, traction machine and speed governor in the original engine room to the lift shaft, to save the construction area, FUJILF elevator creates operation scheme that elevator can still be safe operation without machine room, which add color for city landscape.

Easy to maintenance, reducing the trouble about future

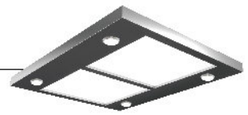
Using the upper host-machine arrangement, FUJILF elevator makes the connection line between the control cabinet and host-machine short enough, introducing new technology, less wiring, installation more convenient.





PASSENGER ELEVATORS CAR CONFIGURATION





The ceiling material has used the superior hairline stainless steel of fashionable design

Equipped with energy-saving and environment-friendly LED



LCD (clear and warm)



PVC floor with elegant taste

LF-K01 Standard

Ceiling: Superior hairline stainless steel frame, middle large-area daylighting acrylic panel, LED
Car wall: Superior hairline stainless steel plate
Car door: Superior hairline stainless steel plate
Car floor: Anti-wear marble-like PVC

Note: Above design plotted by computer, which seems different from actual product.

Operation panel



LF-COP01



LF-HOP01



LF-HOP01-B

Hairline stainless steel

Landing door



Initial floor of hoist-way door and jamb apply stainless steel hairline.



Hoist-way doors and jambs at other floors apply painted steel sheets (with optional colors)



P1 P2 P3 P4 P5

Note: Pictures have been drawn by computer. It might be slightly different from actual colors. Please take real product as criterion.

FULL ROUND HOME ELEVATOR

- Applicable scenarios: high-end villas, high-end hotels
- Drive mode: traction, forced drive
- Door opening method: automatic door, manual door

HOME ELEVATOR

Perfect, relaxing and comfortable life

FUJILF VIlla elevator is specially designed for private families. It provides you with a noble living space. It superiorly distributes your leisure and privacy. It forms its unique style by the bright and concise decoration, safe and practical design concept. After choosing it, you can a brand-new feeling that it integrates the practical, artistic and fashionable properties into noe.









LF-V07 (Standard)

Ceiling: Mirror stainless steel, acrylic,LED lighting
Front wall: Hairline stainless steel
Car wall: Hairline stainless steel
Handrail: Mirror stainless steel roud handrail
Floor: PVC

LF-COP04 (Standard)

LF-HOP04 (Standard)

TRACTION TYPE HOME ELEVATOR

- It does not need machine room. It saves the building cost.
- It applies counter level style and gantry style elevator structure according to door opening requirements of the housing structure.
- VVVF drive technology:Home elevator dedicated micro-computer conilding is smooth and comfortable.
- Special traction machine base frame is fixed on guiderail.The building does not bear the load.
- Machine:It can apply 220V sing-phase power supply of ordinary family use.
- It does not need to apply for industrial power supply.
- Automatic door operator:Variable frequency ftequency energy-saw-ing,safe and reliable.
- UPS (backup) can relesae the passengers during power failure.
- Dirrect dialing of external line: Under emergency conditions, you can call anybody you want.
- In the operation,total rated power is 1.5KW including 1.1KW for drive system.Its power is less than that of a micro-wave oven.It saves about 80% of electrical enecyrical energy when comparing with a commercial use small elevator.







STEEL BELT HOME ELEVATOR

FUJIF villa elevator applies the more energy-saving,environment protection and durable composite wire cable.It matches with multiple leading international technologies such as effective energy-saving host, variable frequency door machine, safe and reliable light curtain door protection device etc.It brings vertical transport elevator development into a new stage.



Compared with the traditional wire rope:

1.Polyurethane(PU)material layer without lubrication.

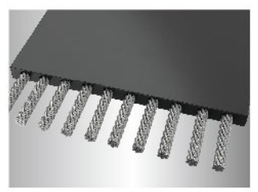
2.Its life is two or three times higher than that of traditional wire rope.

3.It is more bendable.It increases the contact area with drive wheel.It is more effective and energy-saving.

4.Save shaft space.Same shaft size, larger car size.



Traditional wire rope



Composite steel belt



SHAFT FRAME

Selection of hoistway type



Aluminum alloy frame (white)



Aluminum alloy frame (Gold)



Round frame (black)

Aluminum alloy frame



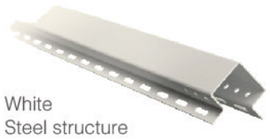
White

Silver

Champagne gold

Red–brown

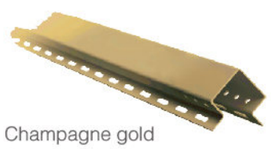
Steel structure frame



White
Steel structure

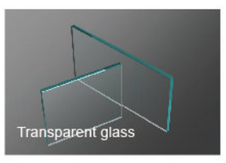


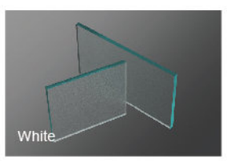
Bright silver
Steel structure

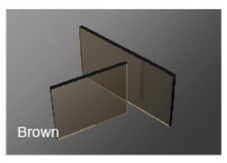


Champagne gold
Steel structure

Derrick glass selection







Can choose colour

White

Silver

Black

Rose gold

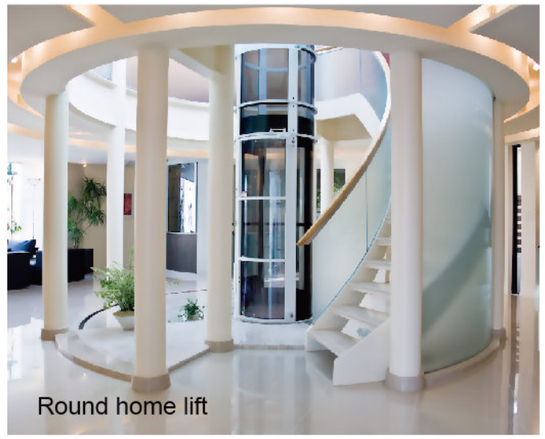
Champagne gold

Red–brown

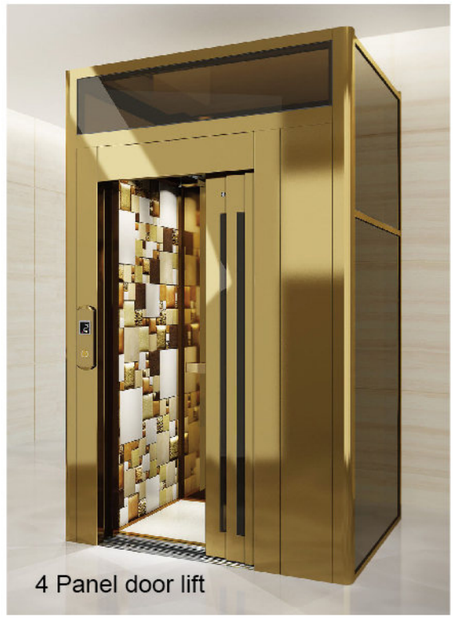
SCENE PICTURE



Common traction type home lift



Round home lift



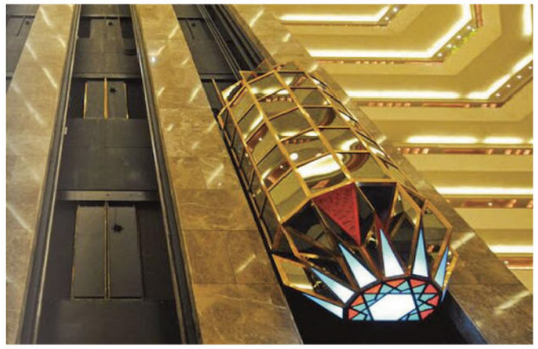
4 Panel door lift



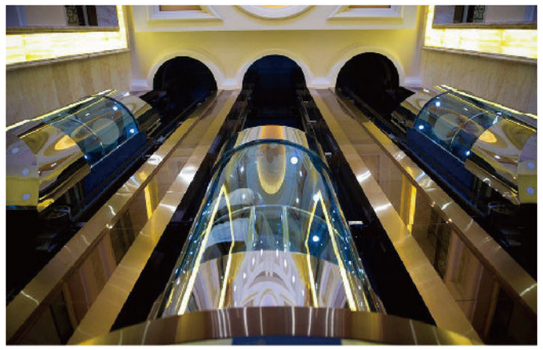
Shaft less single person lift

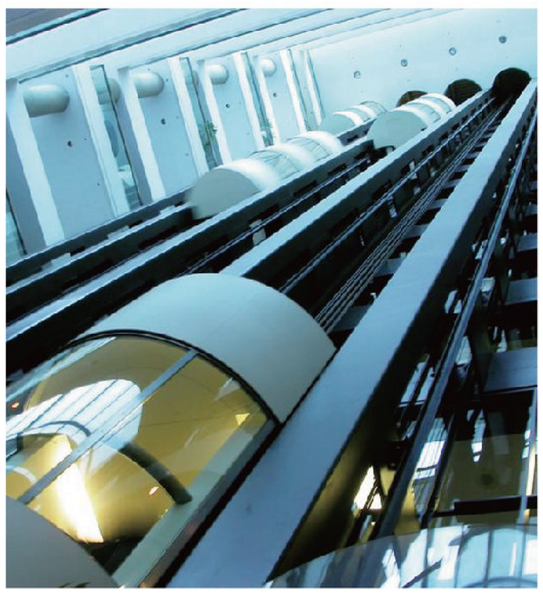
PANORAMIC ELEVATOR

Grants the passengers appreciate beautiful scene outside



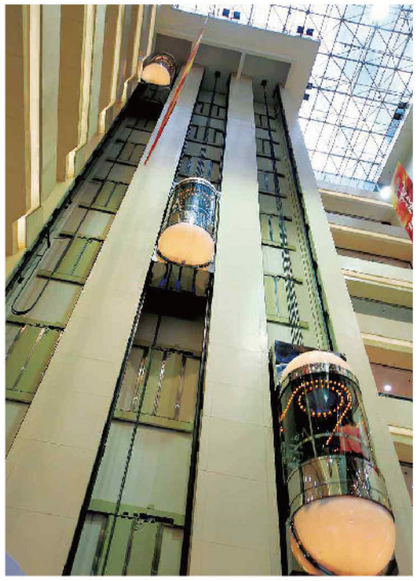








In the hotel, office building, shopping center etc., panoramic elevator provides the people with distinctive scenes. The passengers can see the flowing scenes outside the building. It explores the visual space, offers the more comfortable psychological pleasure to the passengers. It adds the building aesthetics. It is a flowing sight line in modern city. If building is condensed music, then FUJILF is jumping musical note in the construction. FUJILF Panoramic elevator series grants the passengers to enjoy extraordinary luxury and dignity through the diverse car style, elegant and attractive car decoration.



High performance control functions

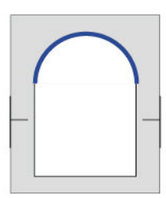
Simple and convenient diagnosis is convenient for the parameter setting and revision.

Highly integrated control components

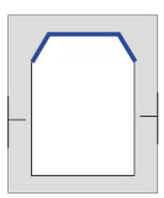
High speed processing information fulfills the accurate control.



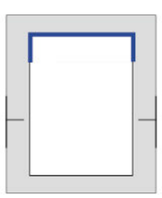
Panoramic type



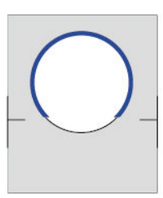
Semi-circular shape



Cutting angle shape



Square shape



Fall circular shape

STRETCHER ELEVATOR
BED ELEVATOR

FUJILF elevator is specialized to design elevator products which can contain stretcher for high-rise building. FUJILF stretcher elevator products integrates with Japan advanced technology with advantages such as spacious lift car, stable operation, reasonable design, and convenient installation and so on, which will play eential role in high-rise bilding.



The advantage of stretcher elevator

①. The car equipped with folding first-aid stretcher cart and soft stretcher, striving for valuable time;
②. The elevator can be automatically converted into a state of “emergency”. Direct operation to the needed floor;
③. Special design, without modification in lift shaft, avoiding waste.



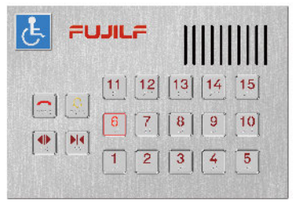


Suspended ceiling adopts steel plate power injection which is fashionable and beautiful

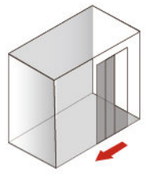


PVC floor which is beautiful and elegant

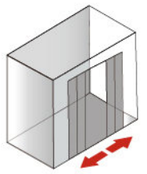




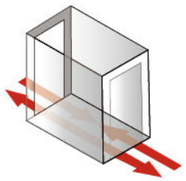
Disabled Control Box



Side double folding door



Middle double folding door

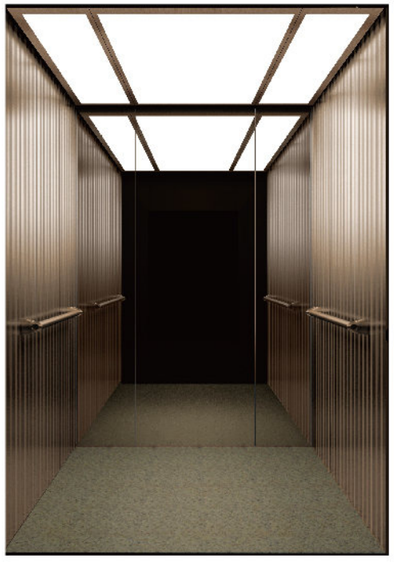


Double pass

LF-B01 Standard

Ceiling: Steel plate power injection, acrylic **Car wall:** Hairline stainless steel **Floor:** PVC

CAR DECORATION



LF-K03 Optional

Ceiling: LED light with hairline stainless steel frame
Car wall: Hairline stainless steel, back wall mirror etched in centre
Car door: Hairline stainless steel
Car floor: PVC or marble



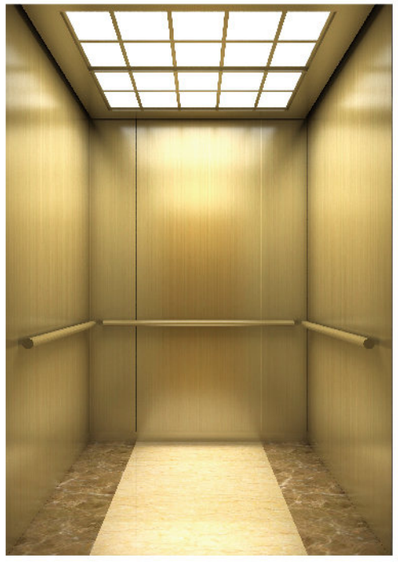
LF-K02 Optional

Ceiling: Rose-gold stainless steel frame, central LED lighting
Car wall: Rose-gold etched mirror
Handrail: Rose-gold stainless steel
Car floor: PVC or marble



LF-K04 Optional

Ceiling: Titanium gold mirror stainless steel frame, tube lamp, light strip
Car wall: Titanium gold, mirror, etching, hairline
Floor: PVC parquet floor



LF-K06 Optional

Ceiling: Stainless steel frame, acrylic lighting board
Car wall: Hairline stainless steel + mirror etched combination
Car door: Hairline stainless steel + mirror etched combination
Car floor: PVC or marble



LF-K05 Optional

Ceiling: Champagne gold metal frame, lighting design of acrylic lamp
Car wall: Champagne gold hairline stainless steel
Handrail: Champagne gold hairline round handrail
Car floor: PVC or marble

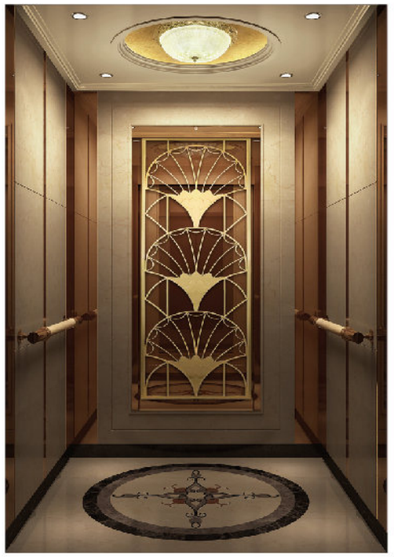


LF-K07 Optional

Ceiling: Stainless steel or metal stoving varnished frame, acrylic soft light illumination design
Car wall: Hairline stainless steel, mirror stainless steel
Back wall: Hairline stainless steel, mirror etching
Handrail: Stainless steel round tube
Car floor: PVC or marble

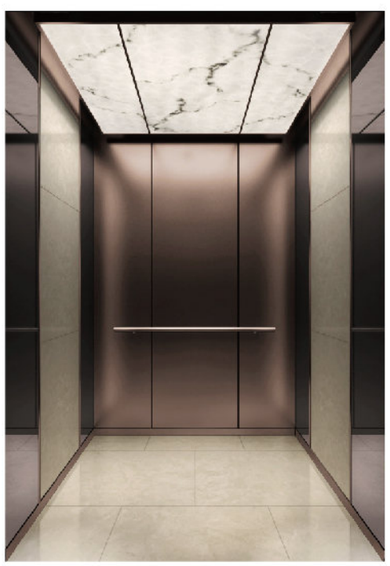
Note: Above design plotted by computer, which seems different from actual product.

CAR DECORATION



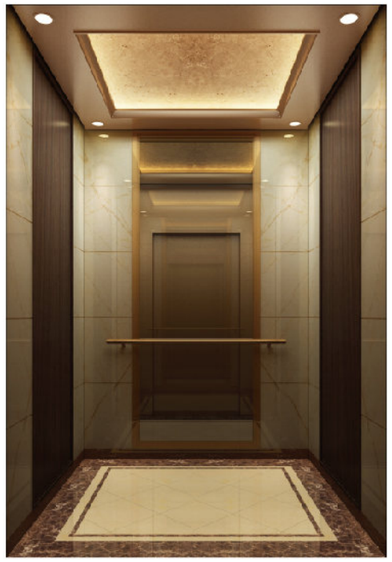
LF-K09 Optional

Ceiling: Stainless steel framework with LED downlights; lamplight hidden on inner sides of rims; ceilings with decorative gold foil
Car wall: Titanium mirror stainless steel, titanium mirror stainless steel frame, marble, wood finish
Handrail: Titanium gold stainless steel round handrail
Floor: Marble floor



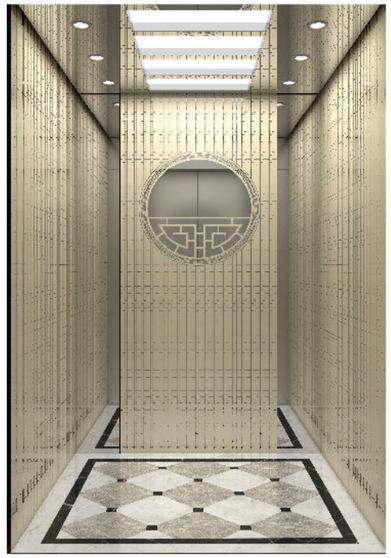
LF-K08 Optional

Ceiling: Wood grain frame, absorb dome light, LED down light
Car wall: Mirror titanium gold-colored stainless steel window frames, rose gold mirror, marble
Handrail: Rose gold mirror stainless steel, marble round handrail
Floor: Marble floor



LF-K10 Optional

Ceiling: Rose gold hairline stainless steel frame, translucent stone
Car wall: Rose gold hairline stainless steel, black titanium hairline stainless steel decorative stripes, giallo atlantide mable, black titanium mirror stainless steel
Handrail: Rose gold hairline stainless steel round handrail
Floor: Marble floor



LF-K12 Optional

Ceiling: stainless steel frame + downlight + acrylic transparent board
Car wall: mirror etched stainless steel + pattern plate + mirror stainless steel
Car door: Hairline stainless steel
Floor: PVC or marble



LF-K11 Optional

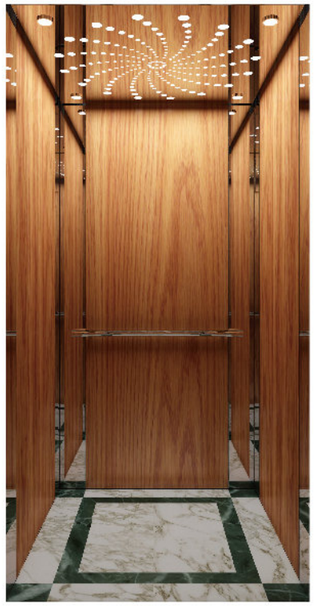
Ceiling: Mirror stainless steel, LED light decoration
Car wall: Mirror stainless steel, mirror etched stainless steel
Car door: Hairline stainless steel
Floor: PVC or marble



LF-K13 Optional

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

Note: Above design plotted by computer, which seems different from actual product.



LF-V01 Sandard

Ceiling: Mirror stainless steel, acrylic panels for large area lighting in the center, LED
Car wall: Mirror stainless steel, wood grain
Car door: Wood grain
Floor: PVC or marble



LF-V02 Optional

Ceiling: Wooden veneer, down light
Car wall: Wooden veneer, solid wood lines, etch mirror stainless steel
Handrail: Titanium stainless steel
Floor: PVC or marble



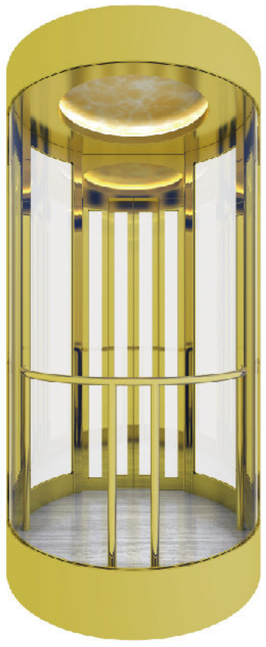
LF-V03 Optional

Ceiling: Baked enamel wood panel (ivory white) + LED lamp + light-emiting marble
Car wall: Baked enamel wood panel (ivory white) + mirror
Floor: PVC or marble



LF-V04 Optional

Ceiling: Bronze hairline stainless steel + bronze mirror stainless steel + downlight
Car wall: Bronze hairline stainless steel + bronze mirror etching
Floor: PVC floor (optional marble floor)



LF-V06 Optional

Car cover: Titanium gold stainless steel
Observation wall: Titanium blond hair stainless steel,safety laminated glass
Decoration roof: Titanium stainless steel,LED
Car wall: Round 6+6 safety glue glass,Titanium blond hair stainless steel
Floor: PVC or marble



LF-V05 Optional

Ceiling: Mirror stainless steel starlight top
Car wall: mirror stainless steel edging + glass
Handrail: Hairline stainless steel single-pipe wall type
Floor: PVC floor (optional marble floor)

Note: Above design plotted by computer, which seems different from actual product.



LF-P01 Standard

Car cover: Simple upside and downside cover
Observation wall: Hairline stainless steel+laminated glass
Decoration roof: Hairline stainless steel+acrylic+down lamp
Car wall: Hairline stainless steel+laminated glass
Handrail: Hairless stainless steel
Floor: PVC or marble

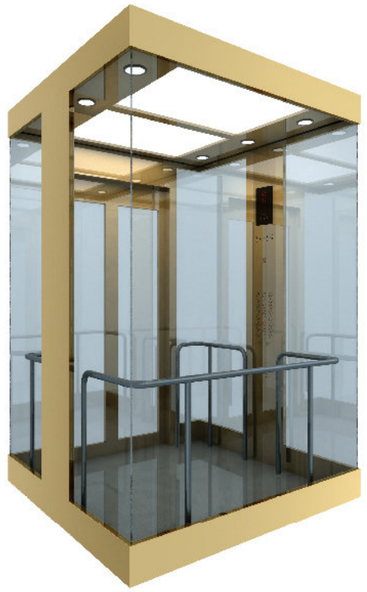


LF-P03 Optional

Car cover: Round corner-cut hairline stainless steel
Observation wall: Round 6+6 safety laminated glass (3 pieces)
Decoration roof: Hairline stainless steel frame, acrylic transparent board and lighting lamp
Car wall: Hairline stainless steel
Handrail: Φ38 stainless steel tube
Floor: PVC or marble

LF-P02 Optional

Car cover: Champagne gold hairline stainless steel
Ceiling: Champagne gold mirror stainless steel frame, acrylic lighting, LED tube lamp
Car wall: Champagne gold mirror stainless steel, safety laminated glass
Handrail: Mirrored stainless steel round tube
Floor: Marble floor





LF-P04 Optional

Car cover: Long hairline stainless steel, etched, sprayed gold sand
Observation wall: Laminated glass
Decoration roof: Stainless steel with short lines+acrylic+down lamp
Car wall: Stainless steel with short lines
Handrail: Mirror stainless steel three-pipe handrail
Floor: PVC or marble



LF-P03 Optional

Car cover: Mirror stainless steel press sill, red acrylic decoration cover
Observation wall: Laminated glass three pieces
Decorative roof: Painted steel framework, acrylic lighting decoration
Car wall: Hairline stainless steel
Car door: Hairline stainless steel
Handrail: Stainless steel double-tube
Floor: PVC or marble



LF-P05 Optional

Car cover: titanium plated matte finish stainless steel, matte finish acrylic
Decorative top: baking finish steel plate, silk screen acrylic, LED flush light
Car wall: titanium plated matte finish stainless steel, titanium plated mirror finish etched stainless steel, laminated glass
Handrail: titanium plated hairline stainless steel flat handrail, titanium plated mirror finish stainless steel supporter
Floor: PVC

Note: Above design plotted by computer, which seems different from actual product.

Landing Door（Optional）



LF-D01
Gold etching
stainless steel



LF-D02
Mirror etching
stainless steel



LF-D03
Rose gold etching
stainless steel



LF-D04
Rose gold mirror etching
stainless steel



LF-D05
Rose gold mirror etching
stainless steel



LF-D06
Gold etching
stainless steel



LF-D07
Gold etching mirror
stainless steel



LF-D08
Black titanium
stainless steel



LF-D09
Black titanium
etched stainless steel



LF-D10
Black titanium
etched stainless steel



LF-D11
Rose gold stainless steel



LF-D12
Rose gold etching



LF-D13
Framed glass door



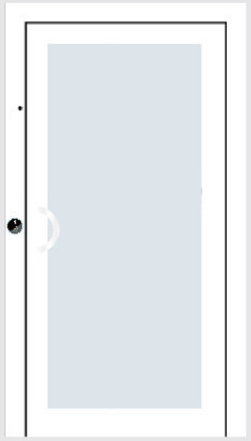
LF-D14
Frameless glass door



LF-D15
Framed glass door

Remark: Due to limited space, we can provide you with separate leaflet of more various choices.

Manual casement door



LF-L01
Standard configuration of glass
is transparent glass



LF-L02
Standard configuration of glass
is transparent glass



LF-L03
Standard configuration of glass
is transparent glass

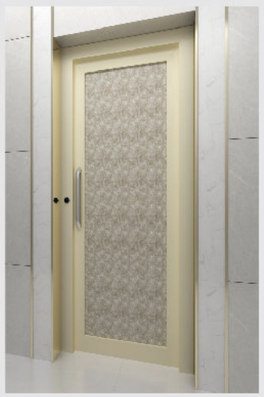


LF-L04
Standard configuration of glass
is transparent glass

Manual casement door



LF-L05
Standard configuration of glass
is transparent glass

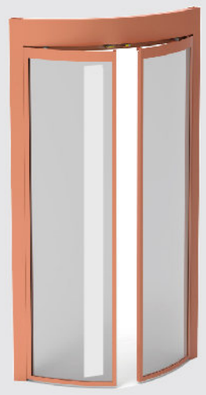


LF-L06
Standard configuration of glass
is transparent glass

Automatic casement door



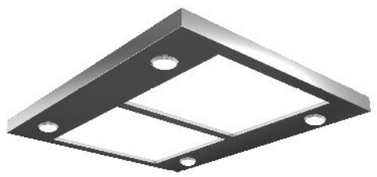
LF-ZD01
Standard configuration of glass
is transparent glass



LF-ZD02
Standard configuration of glass
is transparent glass

DECORATION SERIES

Ceiling Series (Optional)



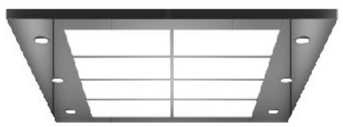
LF-T01

Superior hairline stainless steel frame, middle large-area daylighting acrylic panel, LED lamp



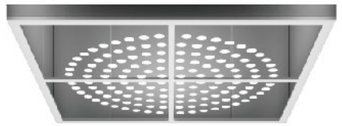
LF-T02

Mirror Stainless Steel Panel, Downlight Lighting



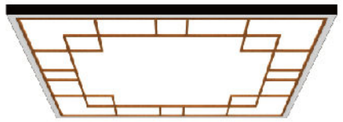
LF-T03

Mirror Stainless Steel, White Translucent Board With Led Light



LF-T04

Mirror Stainless Steel, White Translucent Board Soft Light Design



LF-T05

Metal Baking Finish Frame, Wooden Frame, White Translucent Plat



LF-T06

Rose gold mirror stainless steel, White Translucent Board With Led Light



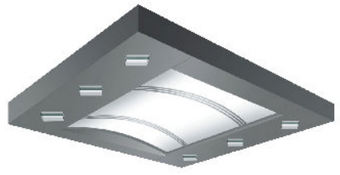
LF-T04

Hollow steel plate spraying with downlight



LF-T07

Double arched white organic light-emitting panel, soft lighting design of central down lamp



LF-T08

Diamond hollow transparent light pole, soft lighting design of arched white light-emitting panel

Handrail (Optional)



LF-F-01



LF-F-02



LF-F-03



LF-F-04



LF-F-05



LF-F-06



LF-F-07



LF-F-08



LF-F-09



LF-F-10

Handle series (Optional) (for manual door)



LF-LS01



LF-LS02



LF-LS03



LF-LS04

Floor (Optional)



LF-P-01



LF-P-02



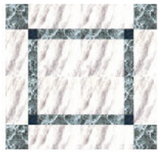
LF-P-03



LF-P-04



LF-P-05



LF-P-06



LF-P-07



LF-P-08



LF-P-09



LF-P-10



LF-P-11



LF-P-12



LF-P-13



LF-P-14



LF-P-15

DECORATION SERIES

Human interface design



LF-COP02
Optional



LF-HOP02
Optional



LF-COP03
Optional



LF-HOP03
Optional

(Touch glass type)



LF-COP04
Optional



LF-HOP04
Optional



LF-HOP06
Optional



LF-HOP07
Optional



LF-HOP08
Optional



LF-HOP09
Optional



LF-HOP10
Optional

Remark: Due to limited space, we can provide you with separate leaflet of more various choices.



LF-COP05
Optional
(Full height)

Operation panel

LF - C05 full height operation box matched with 8" LCD and hairline stainless steel button.

TFT–LCD (Optional)



4.3 〃 Pure display color LCD



7 〃 Picture type display



8 〃 Picture type display



12.1 〃 Video type display

Button (Optional)



LF-N01



LF-N02

Panel material (Optional)



LF-MB01
Mirror stainless steel



LF-MB02
Titanium gold stainless steel

Calling box



LF-HOP05

Call-out: LF – W04 bottomless calling box equipped with 4.3" true color LCD and hairline stainless steel button.

Landing direction indicator (Optional)



LF-DZ01



LF-DZ02



LF-DZ03



LF-DZ04

FREIGHT ELEVATOR

It can competently bear heavy loads 1000kg-10000kg

Elevator heavy burden with giant power; display meticulous care with carefulness; undertake majestic sceneries with stability; FUJILF Elevator lifts heavy burden with great space.
FUJILF Freight Elevator can provide safe, stable and highly efficient service in different places like factory, warehouse, shopping center, supermarket, airport and stations.



LF-F01
Standard

Ceiling: LED light in painted steel sheet
Ventilating mode: Circular fan
Car wall/Car door: Painted steel sheet
Illumination: LED lamp
Door opening mode: 4-panels center opening
Car floor: Checkered plate
Sill: Aluminum alloy

Various door opening modes



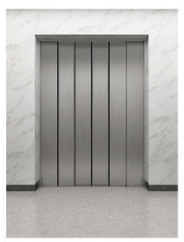
Side opening



Center opening



4 panel center opening type



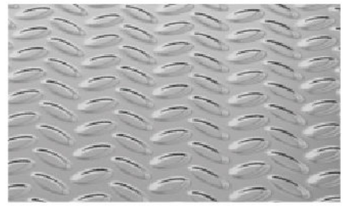
6 panel center opening type

CAR ELEVATOR

It escorts your car throughout the journey

FUJILF gives a full use of the years' automobile manufacture technology. It applies the highly well-developed variable voltage, variable frequency control technology, precise speed governor control. It avoids noise and car-shake due to enlarged burden of traction system because of uneven encountered force to the car. It optimizes the characteristics of this series to the greatest extent.

Pattern steel plate closeup



Crash barrier of elevator car (optional)

Black rubber



Wooden





Optional steel spray coating

Light gray	Bone color	Apple green	Sea blue	Silver gray	Beige
LF-02	LF-03	LF-04	LF-05	LF-06	LF-07

Note: The pictures are drawn by computer and may be slightly different from the actual ones.

DUMBWAITER ELEVATOR

A must in the dining room and kitchen





The humane door opening mode satisfies your requirements

Applies the multiple door opening modes for the users'choices.Meanwhile it can be specially designed according to the users'requirements and use conditions.



Table track





Floor type (straight up and down)





Window type (Straight up and down)



Dumbwaiter elevator is firm and solid in framework, distinctive in structure. It has small, exquisite and strong advantages. It specially applies the industrial-level PLC or VVVF computer control system. Furthermore, it strengthens the technical guarantee of safe running to elevator. 50kg~500kg loading range is widely applicable for up/down transport of various materials. Dual choice of windowsill type and floor type satisfies the convenient goods entry/exit require-ments in different occasions.

CURVED / STRAIGHT RAIL STAIR CHAIR LIFT

Carries you safely and comfortably up and down stairs



- Stair lift can help aged or people with mobility difficulties go up or go down the stair by themselves, which solve the inconvenience of aged people.
- This product is easy for installation. It runs on the rail which mounted on the left or right of the stair case. It will not ruin any family facility, especially suit for decorated family.
- The structure of stair lift is made of steel, aluminum alloy castings and inflaming retarding plastic. It is safety and beautiful.

Main specification

- Safety load: 120kg
- Rail max rising angle: 52°
- Running speed: 6.8m/min
- Rail tube diameter: 45mm
- Distance between wall and rail:130mm
- Noise(under max load): 70dBA
- Distance between stair surface and rail:80mm
- Drive motor power: 200w
- Power: 2x12v-7Ah
- Driving mode: Gear and rack

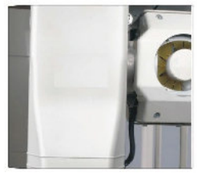
Accessories

- Remote control 2pcs with AAA battery
- Emergency operation handle: 1pc
- Recharger 1pc Power input: AC100~240V, 50~60Hz
- Power output: DC 24V, 1A

- The stair lift host is a combination of metal-plastic hybrid structure, seat plate bracket, back and armrest are die-casting of aluminum mold, sturdy, safe, seat cushion and back cushion are sewn with leather sponge, comfortable and beautiful.
- The lift is driven by gear/rack low-pressure turbine gear motor, stable and safe. It is equipped with anti-slipping, anti-falling down and safety lock devices. When the lift gear is subject to wear out and falling down, the locking system will activate automatically and park the lift safely on the rail, ensuring the passenger's safety.
- The chair arm rest can fold up. When folding the armrest, seat and foot pedal will fold up at the same time ensuring to reverse enough space for people to pass by when the lift is not in use.
- Both sides of the main engine, the main shaft, and the pedal of the stair lift are designed with crash-proof and touch-proof safety switches. In case of encounters obstacles, the switches will cut off the power immediately, which can effectively prevent the risk of encountering obstacles when operation.
- The seat of stair lift can be turned 90° left or right, easy for passengers to go up and down.
- The right side of the armrest is set up with the auto-shrink seat belt device, which can efficiently prevent the older people from the risk of falling down when taking the seat.
- The driven switch can be installed on the right armrest or left armrest according to users' requirement.
- The main power switch is under the seat.
- The power of the stair lift is 24V rechargeable battery, the top end or the bottom end of the guide rail has auto charge position. in necessity, middle position of the floor can also set up auto charge position.
- The guide rails are made after the on-site mapping of the user's actual floors.


Paddle switch for inflexible finger operation



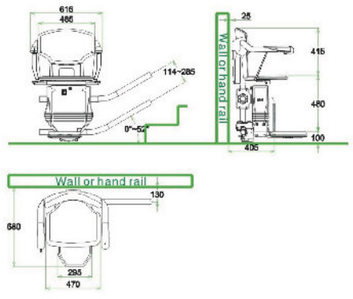



When folding the armrest, seat and foot pedal will fold up at the same time to save space.

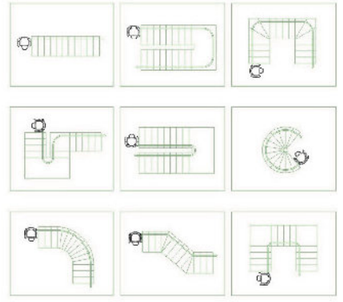

Wireless remote control



Standard Stair Case Sketch Map



9 Installation Examples of the curved stair lift







ESCALATOR

It leads the smooth and peaceful travel

It decorates the space by the well-arranged layout. It pays due contribution to the city traffic through its powerful transport strength. FUJILF Escalator series has multiple advantages such as firm and durable, safe and reliable, peaceful running, low carton environment protection etc. It perfectly combines with the concentrated passenger flow public places such as the bus station, wharf, airport, underground passageway etc.





60%

Frequency conversation of low speed

Escalator operates steadily with frequency conversation, if there is no passenger in designed period, it would slow the speed, and the energy saving efficiency above 60%.

70%

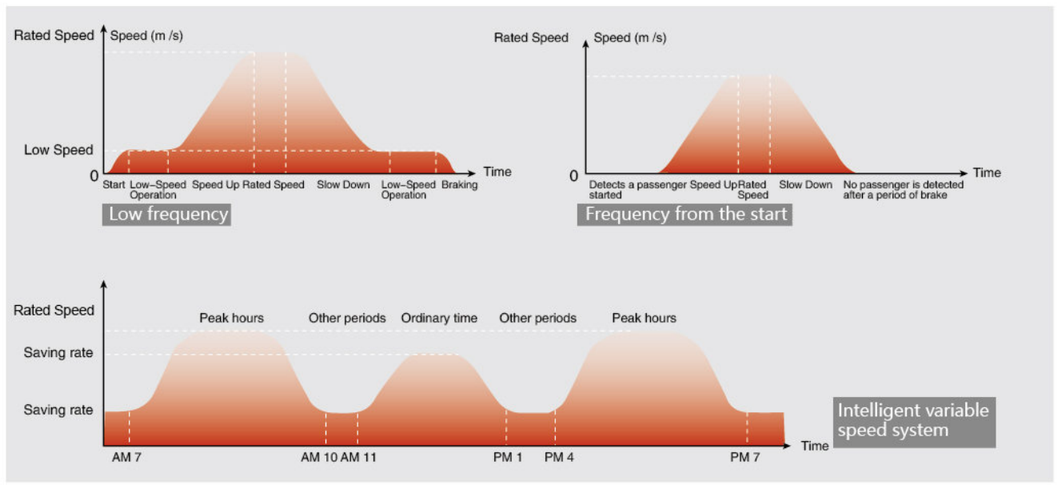
Frequency conversation of self-starting

If there is no passenger at the escalator, then it would slow down the speed for certain time and then stop, when entrance light eyes detect passengers coming then the escalator restarts, the energy saving efficiency above 70%.

80%

Intelligent variable speed system

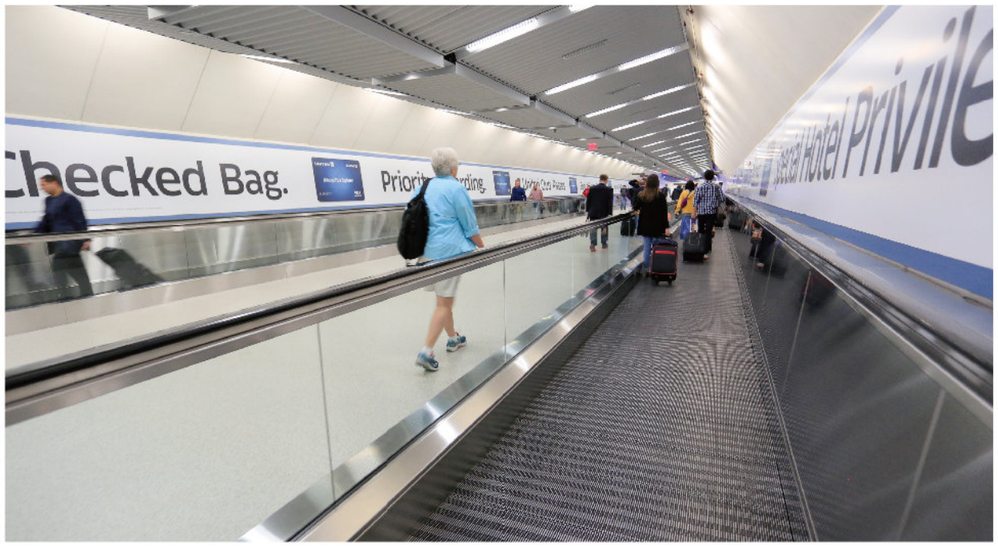
Control system automatic judges escalator load situation through sensor to shift speed timely, reduces the energy consumption greatly and offers the most comfortable travelling experience for passengers. The energy saving efficiency above 80%.



MOVING WALK

It peacefully wonders around in busy city

FUJILF Moving walk applies the novel, popular and very innovative streamline design. It grandly, peacefully and gracefully safeguards every corner in the city. It busily conveys various passengers. It keeps low key. It always plays a costar for the building. While its great strength transport capacity shows the advanced technology, the reliable transport, the comfortable travel. FUJILF moving walk fulfills the safe, energy-saving, environment-protection, low carbon green running by the innovative technology that leads the elevator industry. It boosts the sustainable city developments.



Compact structure, the larger design freedom

FUJILF Moving walk applies short tread design. Thanks to sharply reduced space span as well as the more compact structure, it can saves more and more space for the building. It creates the vast generality and flexibility. It can easily be harmonized with various buildings.

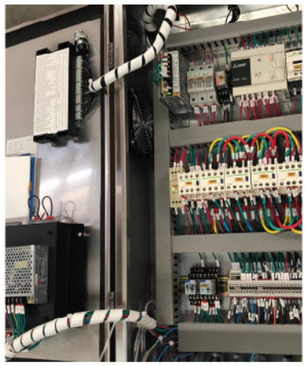


Colorful decoration providing more charming space

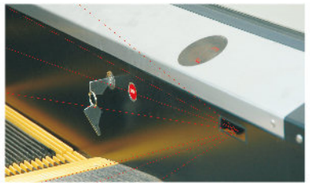
FUJILF Moving walk handrail is ample in color and novel in style. It can satisfy the individual requirements in various places. The frontline panel applies the stamped pattern. It is rich in 3D sense. It is anti-skid. It appears more elegant and attractive.



STANDARD FUNCTIONS

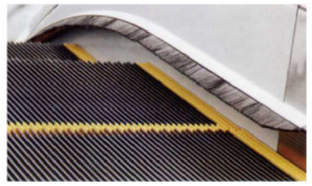


Control cabinet



Automatic start/stop

The infrared ray sensor which is near the floor earth can detect the passengers who enter the floor and start running. After the passengers left the escalator, it will stop running to save energy.



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 to collide on the skirt boards but also effectively avoid the entry of foreign objects into the steps.



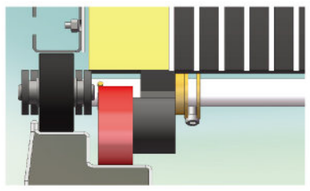
Handrail Inlet

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



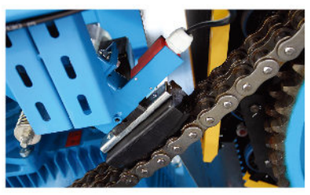
Automatic Oiling

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



Side Guide High Accuracy Step Guide Rail System

High rigidity big profile guide rail with nose used as transverse step positioning, guarantee the minimum gap between the skirt and step, decrease the possibility of objects clamp in between.



Driver Protection Strand Breaks

When the drive chain excessive tensile fracture, the escalator stops automatically to protect the safety.

Ecological Design for Efficiency

- Energy efficient and user-friendly stand-by speed to enhance energy effectiveness.
- Automatic start/stop.
- Absolute ecological and fire safety. With lubrication free chain.
- Advanced components to give a lifetime of reliable performance.
- FUJI expertise and know how in maintenance and service.

Fault Display

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



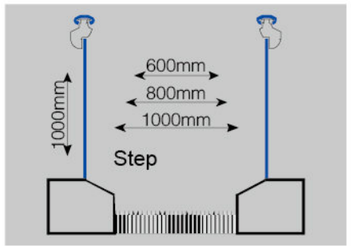
Fault Display

Handrail Speed

When handrail running speed and running speed ratio exceeds cascade system settings, escalators stopped running.

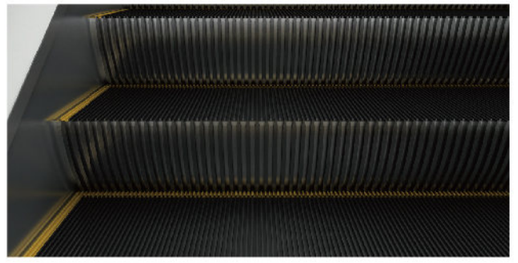


Handrail Speed

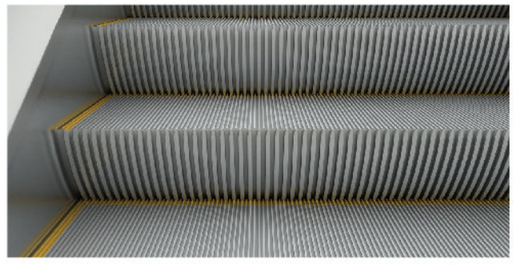


Balustrade Height
(1000mm is standard specification)

Step



Stainless steel
(Standard)



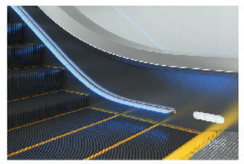
Aluminium alloy
(Optional)

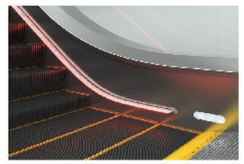
DECORATING

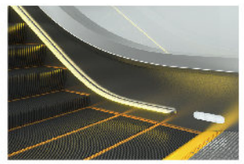
Colorful and beautiful design

Skirting Panel Lighting


White (Optional)


Blue (Optional)

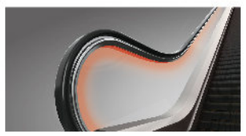

Red (Optional)

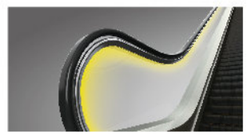

Yellow (Optional)

Handrail Lighting


White (Optional)

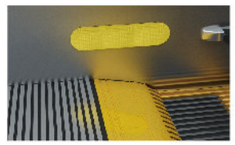

Blue (Optional)


Red (Optional)

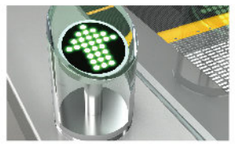

Yellow (Optional)

Comb Teeth Lighting


White LED (Optional)

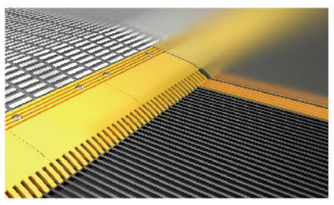

Yellow LED (Optional)

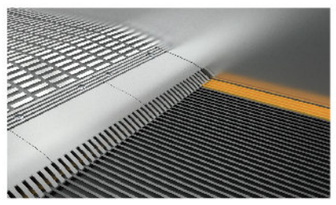
Running Direction Indicator

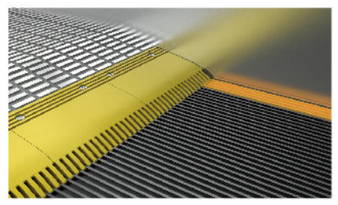

Transparent Plastic LED Display (Optional)


Black Plastic Matrix Display (Optional)

Comb Teeth


Yellow Plastic (Standard)


Aluminum (Optional)

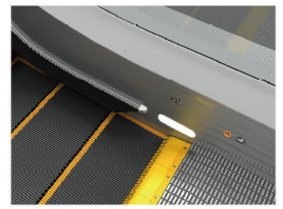

Aluminum Surface Yellow Paint (Optional)

Note: Pictures have been drawn by computer. It might be slightly different from actual colors.
Please take real product as criterion.

OPTIONAL FUNCTION

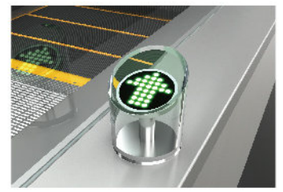
Comb lighting

Lighting was installed near the apron panel beside the comb plate, to provide lighting for the steps and the comb plate to facilitate passengers safe ride.



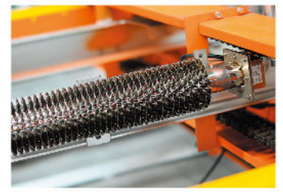
Running Direction Indication

The running direction and forbidden display mark have been placed in the inlet and outlet of the handrail. The obvious running or forbidden instruction ensures the safe riding of the passengers with great ease.



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.



Handrail Color (Optional)



SAFETY DEVICE

Safety Device of Escalator



Standard Safety Device

1.Lack of phase, error phase protection:
If lack of phase or error phase has been checked out, the escalator (moving-walk) 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-walk).

4.Handrail inlet protection:
When some foreign substance has been clipped in the handrail inlet, the escalator (moving-walk) 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-walk) will automatically stop the operation.

6.Step sagging protection device:
When there is abnormal step bending, the escalator (moving-walk) 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-walk) 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 walk) will automatically stop the operation.

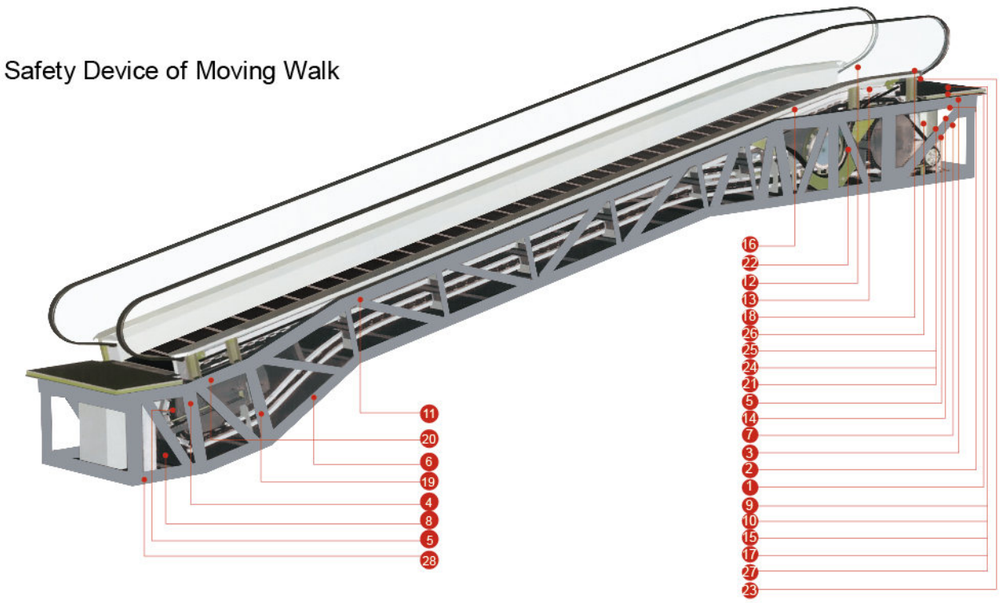
9.Over-speed protection:
When there is over-speed to the escalator (moving walk), it will automatically stop the operation.

10.Direction reversal protection:
When it comes the unintentional reversal of the direction of travel, the escalator (moving walk) 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-walk offers the selective yellow spray-painted security line.)

12.Emergency stop button:
When the button has been pressed down, the escalator (moving-walk) will stop the operation.

Safety Device of Moving Walk



13.Skirt panel protection:
When some foreign substance has been clipped in between the skirt panel and the step, the escalator (moving-walk) will automatically stop the operation.

14.Brake protection:
When the electric force falls short of supply or it acts any of the safety device, the brake function goes into effect by the safety device through the spring resilience action. In this way, the escalator (moving-walk) stop 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.Handrail speed monitor:
When the handrail speed versus step is slower than certain percentage, the escalator (moving-walk) will stop the operation.

20.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.)

21.Double independent control systems:
It brings about the safer and the more stable escalator travel.

22.Step loss detection device:
Safety device to protect the passengers.

23.Tread swart switch:
When it opens the tread and maintains the escalator, the escalator stops and is under security condition.

24.Detection of brake distance:
If braking distance is 1.2 times longer than stipulation of national standard, after trouble locking and reset, it starts again. If necessary, please check braking system before manual reset and apply correction measures.

25.Brake release detection:
Brake adding detection switch prevents from the motor running without brake release so that it avoids burning the host or fire disaster.

Optional Safety Device

26.Emergency brake:
It prevents from the escalator slide and ensures the human security in case of the drive chain breakage or the out-of-order of the brake. (It shall be allocated when 6m< H. It is standard configuration of moving walk.)

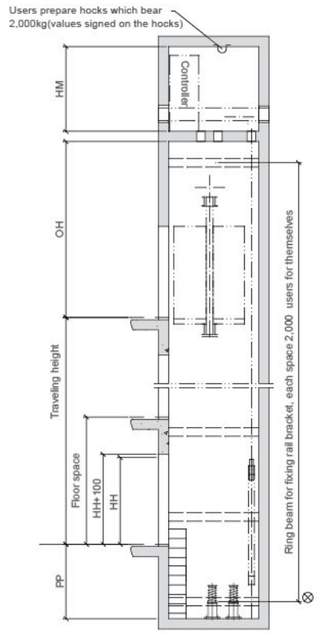
27.Fire-proof rolling door device:
When this device comes into action, it can stop the escalator (moving-walk) operation. It has been installed near the escalator (moving-walk).

28.Lower machine room drain:
When it exceeds the standard to water intake in the lower machine room, it will operate the automatic drain system. (outdoor type)

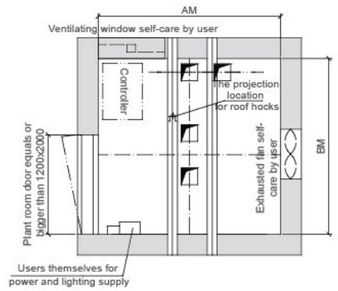
Small Machine Room Passenger Elevator

Construction Parameters

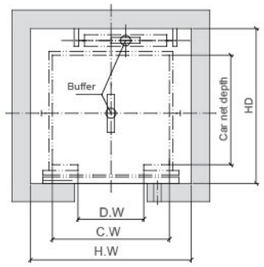
Shaft elevation



Machine room layout drawing



Shaft layout drawing



Small Machine Room Elevator Specifications

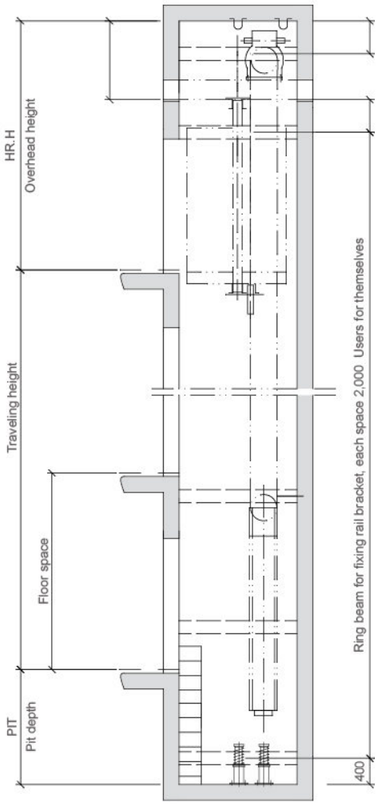
Persons	Rated capacity (kg)	Rated speed (m/s)	Net size of car (mm) C.W x C.D x D.H	Net size of door (mm) D.WxD.H 2P Central opening	Shaft size (mm) H.W x H.D	Shaft size (mm) HR.H	Shaft size (mm) PIT	Machine room size (mm) MR.W x MR.D	Machine room size (mm) MR.H
6	450	1.0	1400x850x2300	800x2100	2000x1500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

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

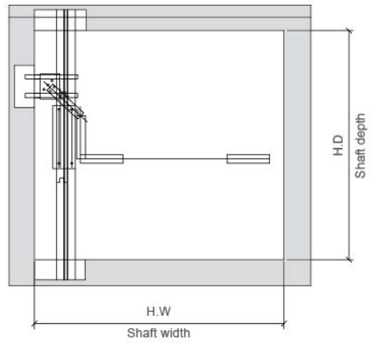
Machine Roomless Passenger Elevator

Construction Parameters

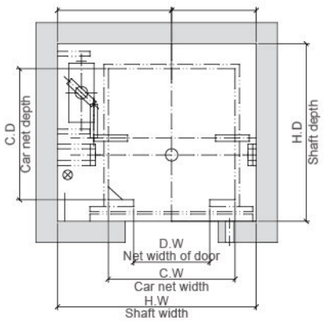
Shaft elevation



Overhead floor layout drawing



Shaft layout drawing



Machine Roomless Elevator Specifications

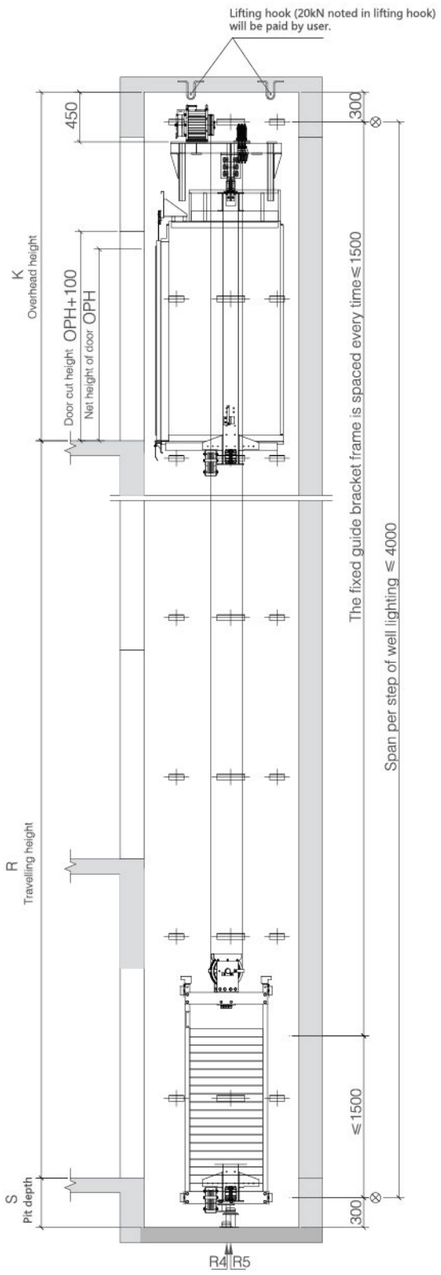
Persons	Rated capacity (kg)	Rated speed (m/s)	Net size of car (mm) C.W x C.D x D.H	Net size of door (mm) D.WxD.H 2P Central opening	Shaft size (mm) H.W x H.D	Shaft size (mm) HR.H	Shaft size (mm) Pit
6	450	1.0	1100x1100x2300	800x2100	2050x1850	4200	1500
8	630	1.0	1400x1100x2300	800x2100	2250x1900	4200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

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

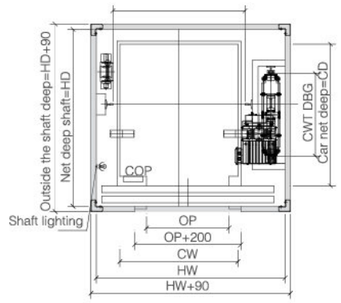
Standard Home Elevator (Counterweight Side)

Construction Parameters

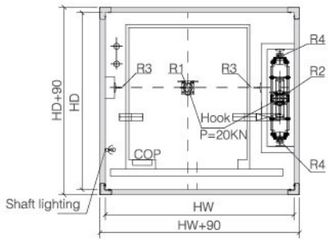
A view of the right side of the shaft



shaft plain drawing



pit plain drawing



Standard home elevator (Counterweight side placement)

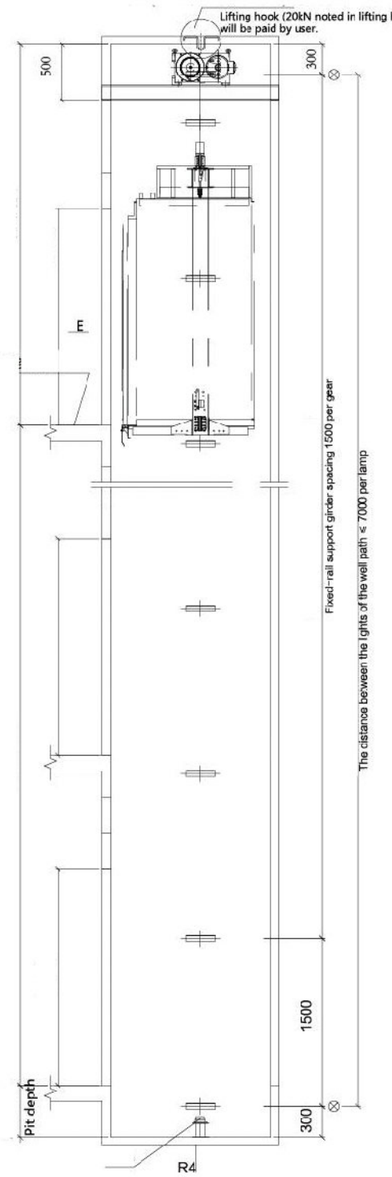
Load (kg)	250		320		400	
Persons	3		4		5	
Rated speed (m/s)	Automatic gate speed 0.4 / Swing door speed0.3					
Car size AxB(mm)	900x1000		900x1100		1000x1100	
Overhead height (mm)	2200					
Open the door way	Center open	Side open	Center open	Side open	Center open	Side open
Door-opening size (OP*OPH)(mm)	700x2000	700x2000	700x2000	700x2000	800x2000	800x2000
Shaft size (HW*HD)(mm)	1550x1400	1500x1450	1550x1500	1500x1550	1750x1500	1600x1550
Overhead depth K(mm)	≥2800					
Pit depth S(mm)	≥500					
Maximum stopping number	5					
Max. travel height (R)	≤12m					
Power supply	Power supply AC380V / 220V50HZ Lighting power supply AC220V50HZ					

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

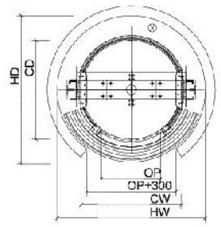
Round Home Elevator

Construction Parameters

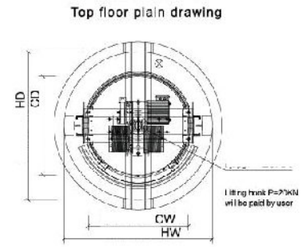
A view of the right side of the shaft



shaft plain drawing



Top floor plain drawing



Energy&power saving home elevator (On the left circular)

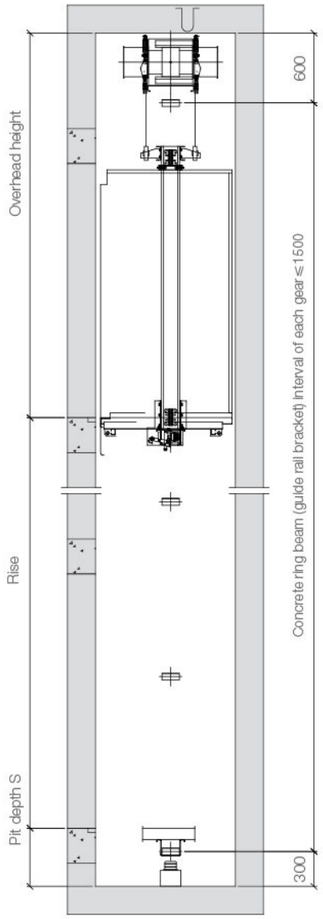
Load	250	320	400
Persons	3	4	5
Rated speed	Automatic gate speed 0.4		
Car diameter	φ900	φ1100	φ1300
Overhead height	≥2000		
Open the door way	Center open	Center open	Center open
Door-opening size	600x2000	700x2000	800x2000
Opening diameter	φ1300	φ1500	φ1700
Shaft size	φ1400	φ1600	φ1800
Overhead depth	≥3200		
Pit depth	≥300		
Maximum stopping number	5		
Max. travel height	≤12m		
Power supply	Power supply AC380V / 220V50HZ Lighting power supply AC220V50HZ		

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

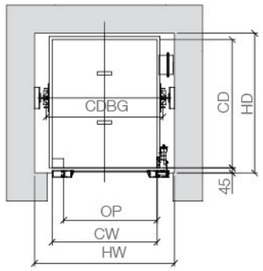
Home Elevator Without Counterweight

Construction Parameters

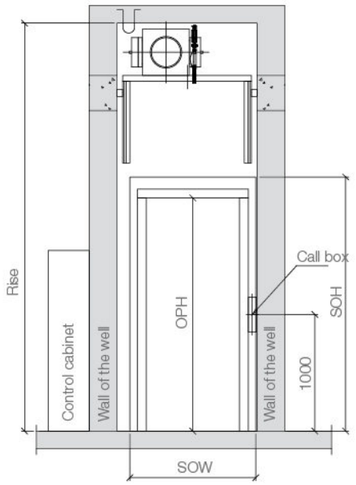
Solid view of right side of shaft



Shaft plan



Top floor plan (including door hole)



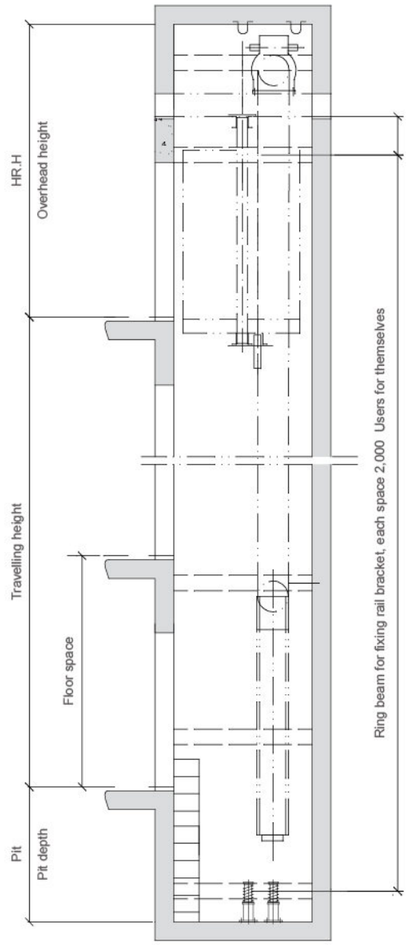
Loading (kg)	Speed (m/s)	Max Rising (m)	Max Floors	Car Dimension WxDxH (mmxmmxmm)	Door Size WxD (mmxmm)	Door Opening	Shaft Dimension WxD (mmxmm)	Standard Pit PD(mm)	Min. Pit PD(mm)	Min. Overhead OH(mm)	Power
400 (410)	0.3	11	5	900x1100x2200	800x2100	Swing door	1200x1200	500	300	3000	220V/380V
320	0.3	11	5	700x900x2200	700x2100	Swing door	1000x1000	500	300	3000	220V/380V

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

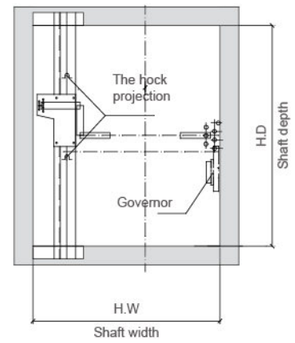
Bed Elevator

Construction Parameters

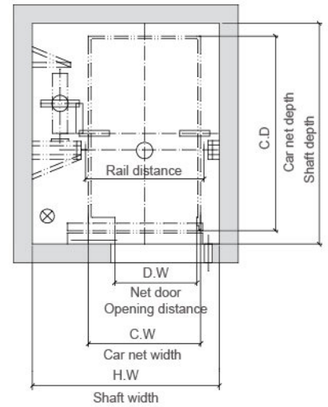
Shaft elevation



Overhead floor layout drawing



Shaft layout drawing



Note: The diagram shows two-panel sliding door bed elevator. Please refer to the construction layout drawing for other detailed specifications of the bed elevators.

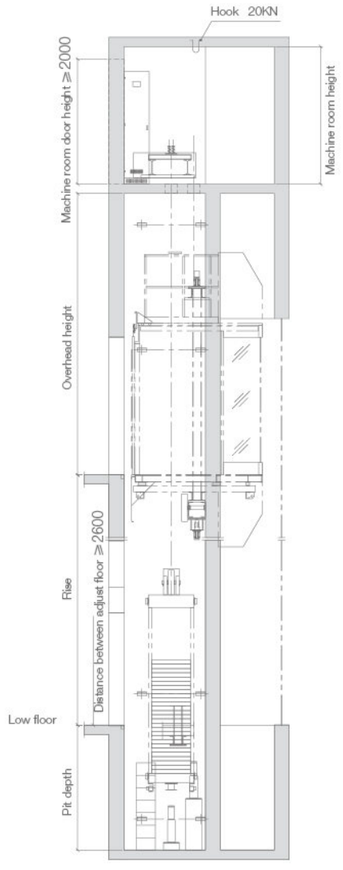
Machine Room/ Machine Roomless Bed Elevator Specifications

Persons	Rated capacity (kg)	Rated speed (m/s)	Net size of car (mm)	Net size of door (mm)	Shaft size (mm)			Machine room size(mm)	
			C.W x C.DxD.H	D.WxD.H	H.W x H.D	HR.H	Pit	MR.W x MR.D	MR.H
18	1350	1.0	1300x2300x2300	1200x2100	2300x2800	4500	1500	2300x2800	2500
		1.5/1.75				4700	1600		
		2.0				4900	1800		
21	1600	1.0	1400x2400x2300	1100x2100	2550x2900	4500	1500	2550x2900	2500
		1.5/1.75				4700	1600		
		2.0				4900	1800		
		2.5				5100	2000		
24	1800	1.0	1600x2400x2300	1200x2100	2750x2900	4500	1500	2750x2900	2500
		1.5/1.75				4700	1600		
		2.0				4900	1800		
26	2000	1.0	1700x2400x2300	1200x2100	2850x2900	4500	1500	2850x2900	2500
		1.5/1.75				4700	1600		
		2.0				4900	1800		

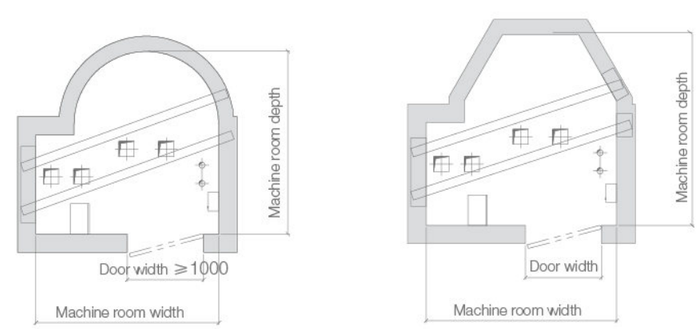
Note: Only for reference, final manufacture please follow contract.

Small Machine Room Panoramic Elevator

Construction Parameters



Hoistway section



Machine room plan

Hoistway plan

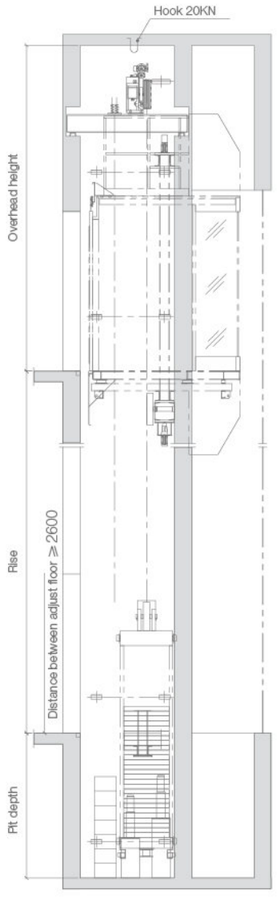
Small Machine Room Panoramic Elevator Construction Parameters

Loading capacity (Passengers)	Speed (m/s)	Door opening size (mm)	Car size (mm×mm×mm)	Hoistway size (mm×mm)	Machine room size (mm×mm×mm)	Top floor height (mm)	Pit depth (mm)	Max.travelling height (m)
800kg (10 Passengers)	1.00	800	1200×1800×2400	2400×2400	2400×2400×2000	4500	2000	60
	1.50					4600	2000	75
	1.75					4600	2000	90
1000kg (13 Passengers)	1.00	900	1300×1900×2400	2500×2500	2500×2500×2000	4500	2000	60
	1.50					4600	2000	75
	1.75					4600	2000	90

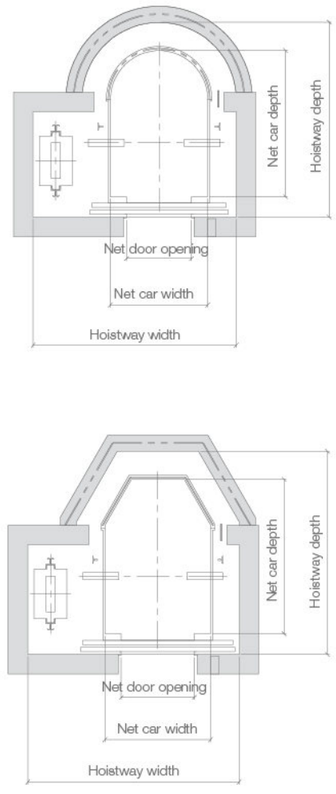
Note: Only for reference, final manufacture please follow contract.

Machine Roomless Panoramic Lelevator

Construction Parameters



Hoistway section



Hoistway plan

Machine Roomless Panoramic Elevator Construction Parameters

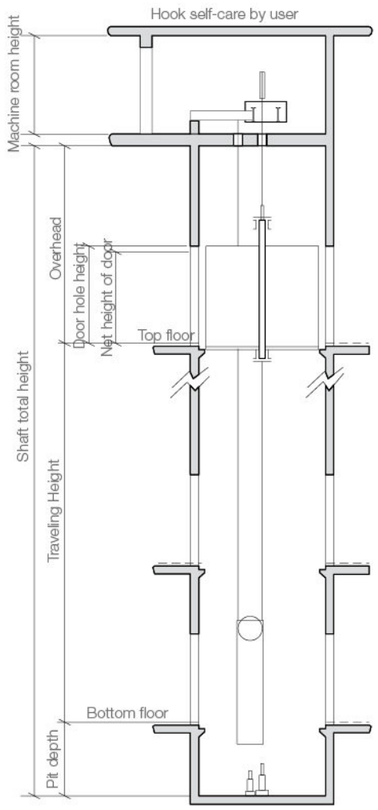
Loading capacity (Passengers)	Speed (m/s)	Door opening size (mm)	Car size (mm×mm×mm)	Hoistway size (mm×mm)	Top floor height (mm)	Pit depth (mm)	Max.travelling height (m)
630kg (8 Passengers)	1.00	800	1100×1600×2400	2400×2200	4500	2000	60
	1.50				4600	2000	75
	1.75				4600	2000	90
800kg (10 Passengers)	1.00	800	1200×1800×2400	2500×2400	4500	2000	60
	1.50				4600	2000	75
	1.75				4600	2000	90
1000kg (13 Passengers)	1.00	900	1300×1900×2400	2600×2500	4500	2000	60
	1.50				4600	2000	75
	1.75				4600	2000	90
1250kg (16 Passengers)	1.00	1000	1500×2000×2400	2800×2600	4500	2000	60
	1.50				4600	2000	75
	1.75				4600	2000	90

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

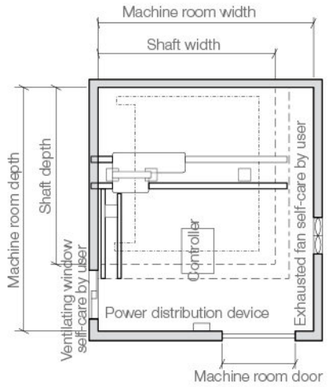
Freight Elevator

Construction Parameters

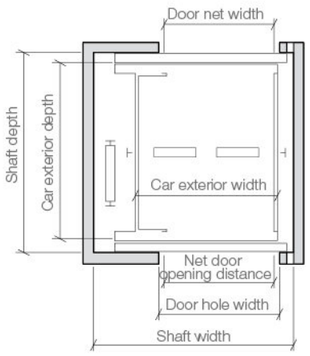
Shaft elevation



Machine room layout drawing



Shaft layout drawing



Freight Elevator Specifications

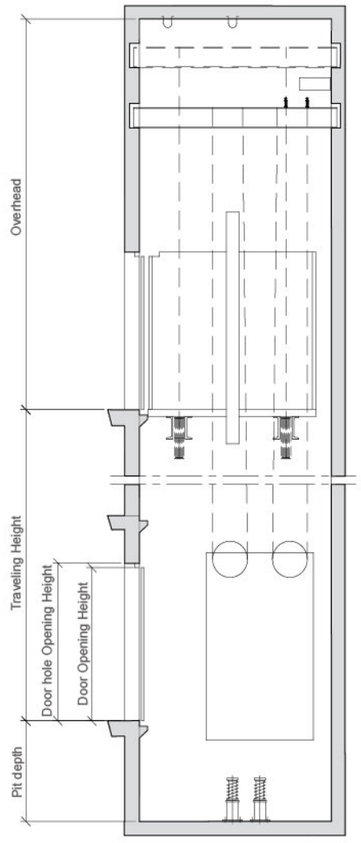
Load kg	Speed m/s	Exterior size of car width x depth x height (AA×BB)	Net door opening width x height (JJ×HH)	Shaft Net Size (AH×BH)			Machine Room Net Size width x depth x height	Door Open Type
				width x depth	OH	PIT		
1000	0.5	1500×1800x2200	1200×2100	2250×2160	4200	1500	3000×3000×2200	Two panel side opening
2000	0.5	1570×2900x2200	1500×2100	2700×3260	4200	1500	3500×3000×2500	Two panel side opening
	1.0				4500	1500		
	1.5	2000×2300x2200		2850×2660	4500	1600		Four panel center opening
	2.0				4800	1800		
3000	0.25	2070×3050x2200	1800×2100	3300×3410	4500	1500	3800×4200×2500	Four panel center opening
	0.5							
5000	0.25	2800×3400x2500	2400×2400	4200×3800	5000	1600	4200×3800×2800	Four panel center opening
	0.5							
	1.0							
7000	0.25	3000×4200x2500	2600×2400	4500×4600	5000	1600	4500×4600×2800	Four panel center opening
	0.5							
10000	0.25	3070×5760x2500	2600×2400	4900×6200	5000	1600	4900×6200×2800	Four panel center opening
	0.5							

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

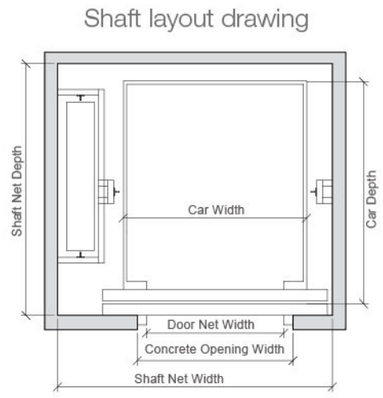
Machine Roomless (Mrl) Freight Elevator

Construction Parameters

Shaft elevation



Shaft layout drawing



Machine Roomless (MRL) Freight Elevator Specifications

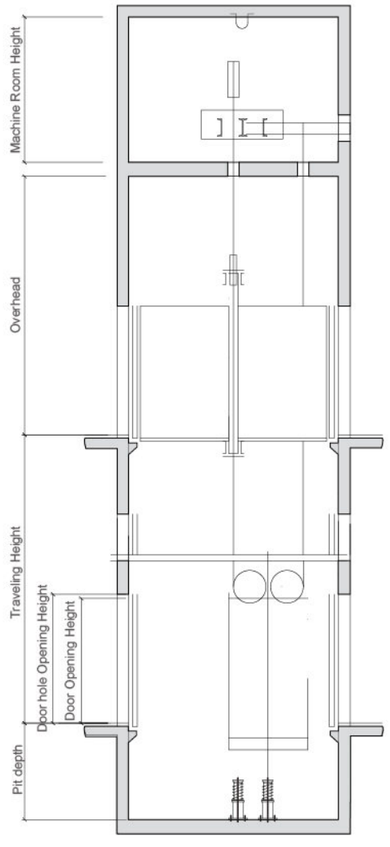
Load kg	Speed m/s	Exterior size of car width x depth x height (mm)	Net door opening width x height (mm)	Shaft Net Size			Door Open Type
				width x depth (mm)	OH	PIT	
1000	0.5	1500×1800x2200	1200×2100	2250×2200	4500	1500	Two panel side opening
	1.0				4500	1500	
	1.5				4600	1600	
	2.0				4800	1800	
2000	0.5	2000×2300x2200	1500×2100	3150×2660	4800	1500	Two panel side opening
	1.0				5000	1500	
	1.5				5200	1600	
	2.0				5200	1800	
3000	0.5	2470×2560x2200	1800×2100	3700×3000	5000	1600	Four panel center opening
5000	0.5	2800×3400x2500	2400×2400	4250×3800	6100	1600	Four panel center opening

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

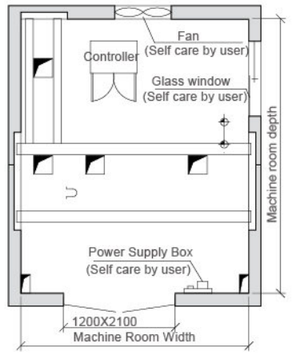
Car Elevator

Construction Parameters

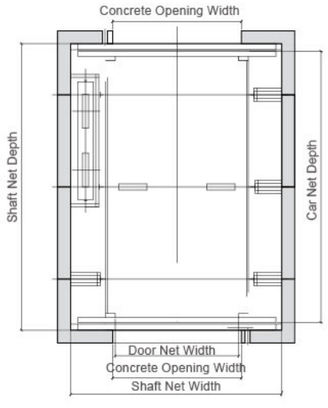
Shaft elevation



Machine room layout drawing



Shaft layout drawing



Car elevator specifications

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

Machine roomless car elevator specifications

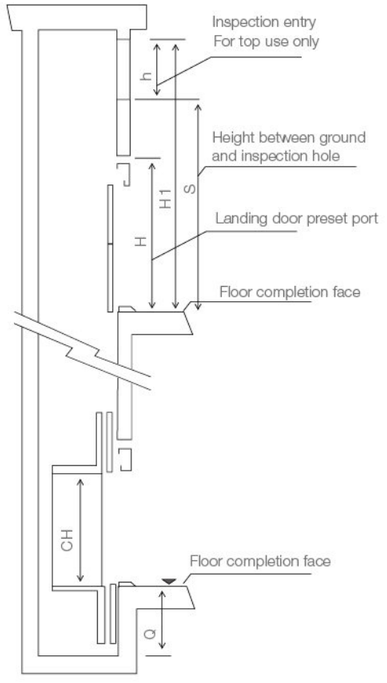
Load kg	Speed m/s	Door open type	Net door opening width x height mm	Exterior size of car width x depth (mm)	Shaft Net Size (mm)		
					width x depth (mm)	PIT	OH
3000	0.25/0.5	Four Panel Center Opening	2400×2200	2700×5800	4300×6160	1800	5500
5000	0.25/0.5		2600×2200	3500×7200	4900×7500		

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

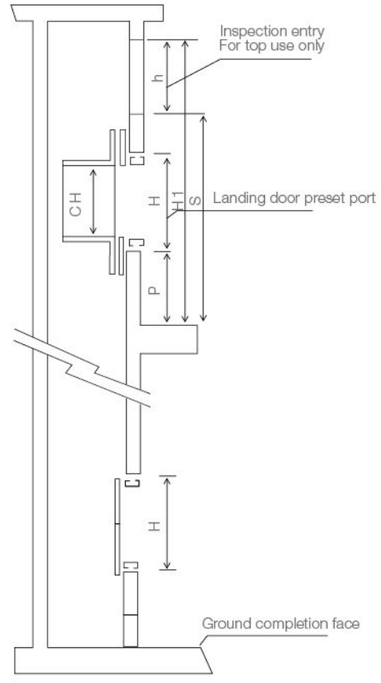
Dumbwaiter Elevator

Construction Parameters

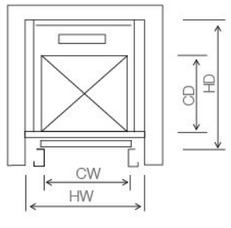
Level ground type



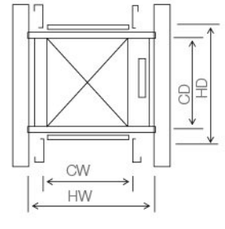
Window type



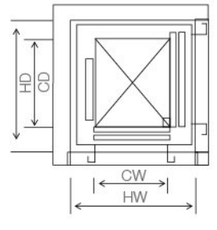
One-way type



Opposing type



L type

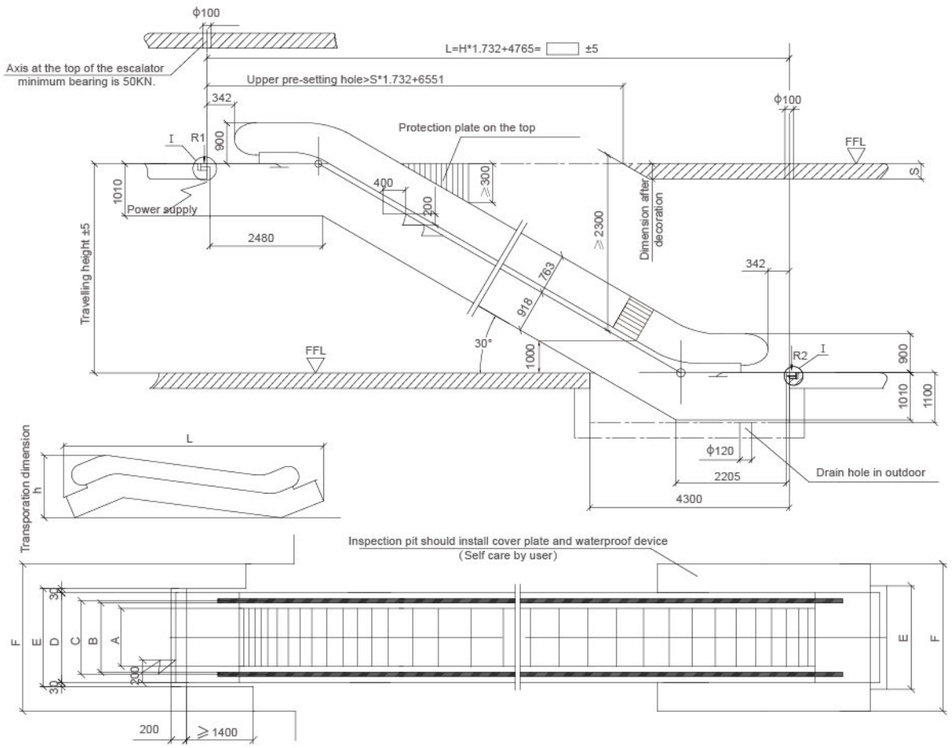


Loading capacity (Kg)	Speed (m/s)	Car net size (mm)		Door opening type	Door-pening size (mm)		Hoistway size (mm)		Top floor height (mm)	Pit depth (mm)	Max traveling height (m)	Work type
		Width	Depth		Width	Height	Width	Depth				
100	0.4	700	700	Up/down center opening type	700	800	1250	900	3600	750	20	Window type
200	0.4	900	900		900	1000	1450	1100	3900	750	20	
200	0.4	900	900		900	1000	1450	1100	3200	1000	20	Fall to the ground type
250	0.4	1000	1000		1000	1200	1550	1200	3500	1000	20	

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

30° Escalator

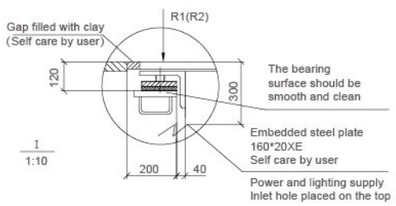
Construction Parameters



Motor capacity (KW)	Traveling height (Step width 1000)	KW	Traveling height (Step width 800)	KW	Traveling height (Step width 600)	KW
	1000-3300	5.5	1000-3500	5.5	1000-3700	5.5
	3400-4500	7.5	3600-4700	7.5	3800-4900	7.5
	4600-4900	8	4800-5100	8	5000-5200	8
	5000-5900	11	5200-5900	11	5300-5900	11

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

Model	Traveling height mm	Net weight KN	Bearing capacity R1 KN	Bearing capacity R2 KN	Transporation dimension h	Transporation dimension l
FML(600)-30 (3600Person / h) Speed：0.5m/s	3000	57	46	41	2750	10900
	3500	60	49	44	2780	11890
	4000	64	52	47	2810	12880
	4500	68	56	50	2830	13870
	5000	71	59	53	2840	14860
	5500	75	62	56	2860	15860
	6000	79	65	59	2870	16860
FML(800)-30 (4800Person / h) Speed：0.5m/s	3000	59	52	47	2750	10900
	3500	63	56	50	2780	11890
	4000	67	60	54	2810	12880
	4500	71	64	57	2830	13870
	5000	74	68	60	2840	14860
	5500	82	74	66	2860	15860
	6000	86	78	69	2870	16860
FML(1000)-30 (6000Person / h) Speed：0.5 m/s	3000	63	59	53	2750	10900
	3500	67	64	57	2780	11890
	4000	71	68	61	2810	12880
	4500	75	73	65	2830	13870
	5000	83	79	71	2840	14860
	5500	87	84	75	2860	15860
	6000	92	88	79	2870	16860

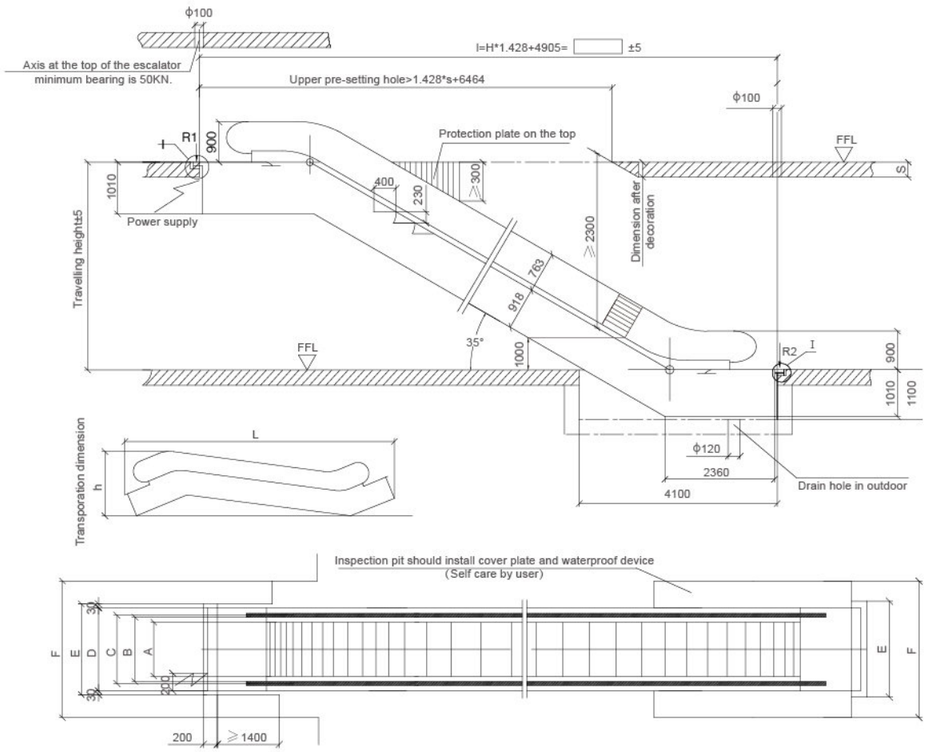


Instruction

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

35° Escalator

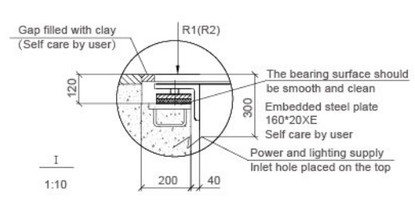
Construction Parameters



Motor capacity (KW)	Traveling height (Step width 1000)	KW	Traveling height (Step width 800)	KW	Traveling height (Step width 600)	KW
	1000-3500	5.5	1000-3700	5.5	1000-3900	5.5
	3600-4700	7.5	3800-4900	7.5	4000-5100	7.5
	4800-5000	8	5000-5200	8	5200-5400	8
	5100-5900	11	5300-5900	11	5500-5900	11

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

Model	Traveling height mm	Net weight KN	Bearing capacity R1 KN	Bearing capacity R2 KN	Transporation dimension h	Transporation dimension l
FML35/600 (3600Person／h) Speed：0.5m/s	3000	54	43	39	2850	10180
	3500	57	46	41	2890	11030
	4000	60	49	44	2920	11890
	4500	64	52	46	2940	12750
	5000	67	54	49	2970	13610
	5500	70	57	51	2980	14470
	6000	73	60	54	3000	15330
FML35/800 (4800Person／h) Speed：0.5m/s	3000	56	49	44	2850	10180
	3500	60	52	47	2890	11030
	4000	63	56	50	2920	11890
	4500	66	59	53	2940	12750
	5000	70	62	56	2970	13610
	5500	73	65	59	2980	14470
	6000	76	69	61	3000	15330
FML35/1000 (6000Person／h) Speed：0.5 m/s	3000	60	56	50	2850	10180
	3500	64	60	53	2890	11030
	4000	67	64	57	2920	11890
	4500	71	67	60	2940	12750
	5000	74	71	64	2970	13610
	5500	82	77	69	2980	14470
	6000	85	81	72	3000	15330

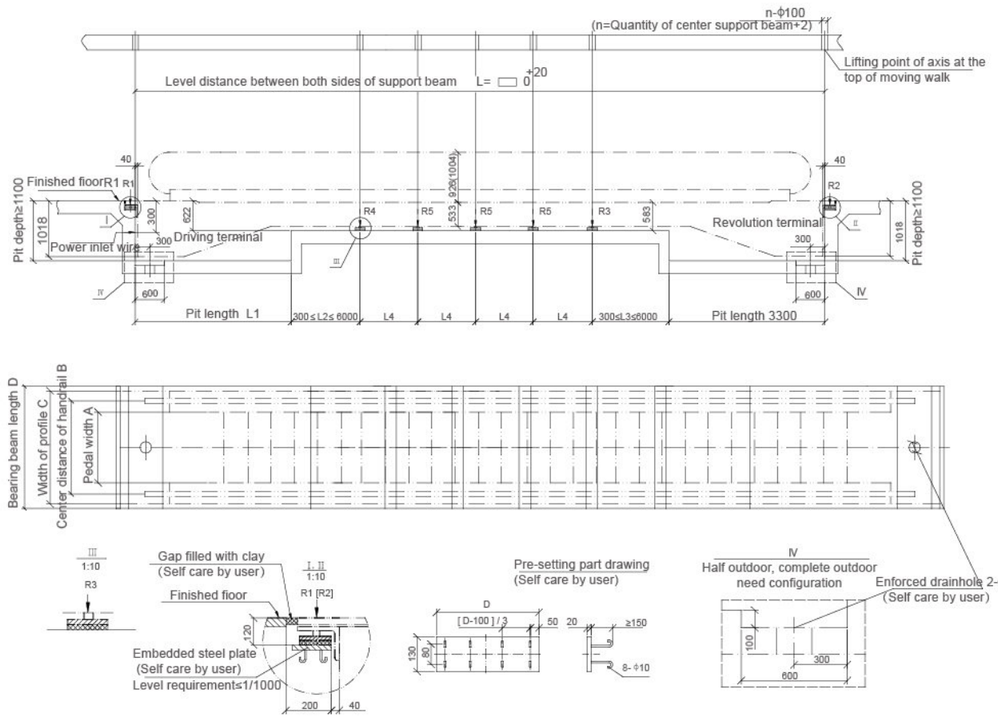


Instruction

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

0° Moving Walk

Construction Parameters



Pedal width		1000		800	
Quantity of center support beam L4		6000	10000	6000	10000
Support opposite force (KN)	R1	40	38	35	34
	R2	34.5	34	32	31
	R3	62.5	78.5	52	64.5
	R4	63.5	79.4	54	66.6
	R5	48	79.4	40	66.6
Motor capacity / Rated current		Conveyor length L		Conveyor length L	
		10000~70000	8KW/18A	10000~80000	8KW/18A
		70001~110000	11KW/25A	80001~110000	11KW/25A

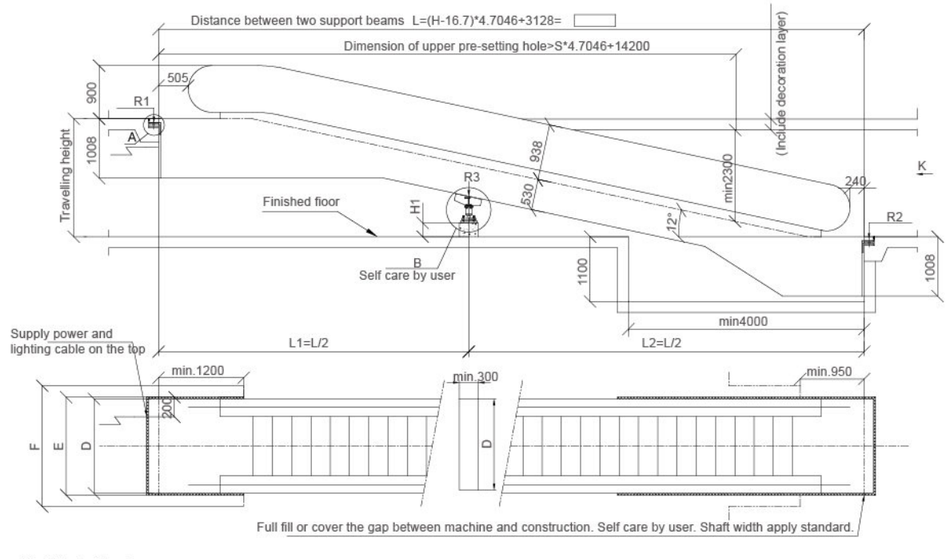
Technical notes		
Dip angleα	0-6°	
Speed V	0.5m/s	
Pedal type	Aluminium alloy (Indoor/Half outdoor/Complete outdoor)	
Pedal width A	1000	800
Handrail center distance B	1238	1038
Moving walk outside width C	1600	1400
Machine supporting beam length D	≥1660	≥1460
Installation place/drive mode	Length L1	
Indoor/star delta	4000	4000
Indoor/frequency		
Semi-outdoor/ star delta		4600
Semi-outdoor/ frequency	4600	
Outdoor/ star delta	4000	
Outdoor/ frequency	4600	
Power supply	User needs to supply 380V AC 50Hz three-phase five-wire power supply. Voltage should ≤10 when moving walk at the start and the voltage should be ≤5 in normal operation. Maximum starting current should less than 3.5 times of rated current.	

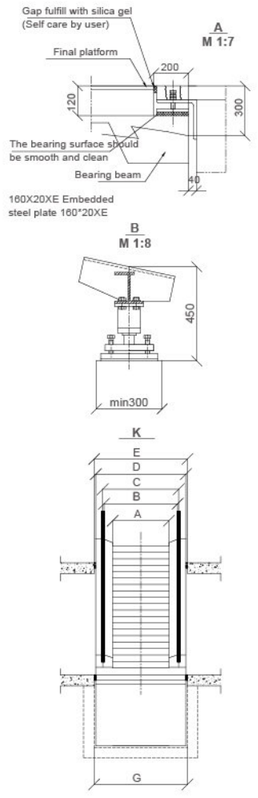
Notes

1. When the operating environment temperature under 0° (outdoor or semi-outdoor) need increase heater. 2. Sufficient unblocked space is needed at entrance and exit of moving walk and the width should be the center distance at least. The depth (from handrail turn end) should be 2.5m at least, this area width should more than two times of the handrail center distance, the depth can be reduced to 2m. 3. If have the pit should have waterproofing work(self-care by user). 4. The distance between moving walk and any barrier should ≥500,or the Triangle place of handrail and floor should install protecting board(self-care by user). 5. User provide power supply and earth connection equipment with resistance less than 4 ohm, it should leave two meters left margin line under the upper supporting beams, motor capacity according to left form. 6. Luminance at least should be 50Lx at entrance and exit of indoor moving walk, luminance at least should be 15Lx at entrance and exit of outdoor and semi outdoor (self-care by user). 7. If the middle supporting beam use steel frame structure, please ask FUJI Elevator Company for advice. 8. Two sides and bottom decoration of moving walk self-care by user.

12° Moving Walk

Construction Parameters





Motor capacity (KW)	Traveling height	KW	Traveling height	KW
	1000-3000	5.5	1000-3200	5.5
	3000-4000	7.5	3300-4200	7.5
	4100-4200	8	4300-4400	8
	4300-6800	11	4500-7000	11
	6900-9000	15	7100-9200	15
Center supporting Height H1	When the traveling height 2600＜h＜5800, we need to use one center support. And supporting height is h1=h/2-780			
Center supporting heightH1 Center supporting heightH 2	When the traveling height 5800＜h＜7800, we need to use two center supports. The traveling height of first one is h1=h/3-881, and second one is h2=2h/3-681.			
Power supply	User needs to supply 380v ac 50hz three-phase five-wire power supply. Voltage should ≤10 when moving walk at the start and the voltage should be ≤5 in normal operation. Maximum starting current should less than 3.5 times of rated current.			

Technical notes		
Dip angle α	12°	
Speed v	0.5m/s	
Step width A	1000	800
Handrail inner side distance B	1158	958
Handrail center distance C	1310	1110
Moving walk outside width D	1600	1400
Supporting beam length E	1660	1460
Exterior barrier width F	2310	2110
Pit width G	1660	1460
Support opposite force R1〔KN〕	0.009xL1+22	0.0078xL1+19
Support opposite force R2〔KN〕	0.009xL2+10	0.0078xL2+9
Support opposite force R3〔KN〕	0.0117x(L1+L2)	0.01014x(L1+L2)
Support opposite force R4〔KN〕	0.0117x(L2+L3)	0.01014x(L2+L3)

Notes

1. When the moving walk is installed in the second floor and above, pit is canceled. And the bottom and top of construction should be symmetrical. 2. Sufficient unblocked space is needed at entrance and exit of moving walk. The width should not less than 1310 and the depth from handrail belt swerving edge to any barrier should not less than 2500. 3. The distance between moving walk and any barrier should ≥500. 4. User needs to supply a earth connection equipment with resistance less than 4 ohm. 5. When the traveling height H≤2600, cancel to support R3, R4. 6. When the traveling height 2600＜H≤5800, we only need to support R3 and L1=L2=L/2. 7. When the traveling height 5800＜H≤7800, we only need to support R3, R4 and L1=l2=l3=l/3. 8. This plan is current 12°standard moving walk construction size. If the construction can not be executed, please contact Technology Department of FUJI Elevator Co., Ltd. 9. The unit in this plan is millimeter. We reserve right to change without prior notice.