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LG TECH ELEVATOR

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LG TECH ELEVATOR

PROFESSIONAL ELEVATOR SOLUTION

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COMPANY PROFILE

Established in **1976**, our factory officially developed as a Sino-foreign joint venture in 2006 under the brand SSEC. We hold A-level certifications for the manufacturing, installation, renovation, and maintenance of elevator special equipment. With an excellent technical R&D team and advanced testing facilities, we have created a robust foundation for product innovation. By the end of 2024, we have accumulated over 200 patents. Our modern production equipment and high-performance products ensure exceptional quality and reliability. We offer a full range of elevator solutions, including: Passenger elevators, Sightseeing elevators, Freight elevators, Fire service elevators, Hospital bed elevators Explosion-proof elevators, Escalators, Moving walk.

Adhering to the principle of "**Perfecting Ourselves, Serving Clients**", we have registered **LG TECH** as our overseas export trademark to meet global market demands. Our products are exported to major markets worldwide, including Europe, the Middle East, Southeast Asia, Africa, and the Americas. We have a strong technical team,105 engineering technicians (56 mid-to-senior level),Dedicated overseas technical support staff for on-site training, Comprehensive after-sales service system.





Our factory has a 108-meter-high test tower with 6 shafts. Simultaneous testing of 4 passenger elevators, 1 freight elevator, and 11-ton elevator, Component performance testing for all elevator categories. Maximum test speed is 7 m/s, Fully meets global mainstream elevator R&D and testing requirements.

Inside factory we have the elevator exhibition hall, its 1700㎡ in size, with Corporate image display area,Digital interactive platform,Component and interior design showcases,Cab experience zone, Seamless layout and immersive experience for visitors., it is the largest one in Jiangsu Province.

1976-1985 |
China's Early Professional Elevator Maker

1986-1996 |
Upgrade to Elevator Group Corporation

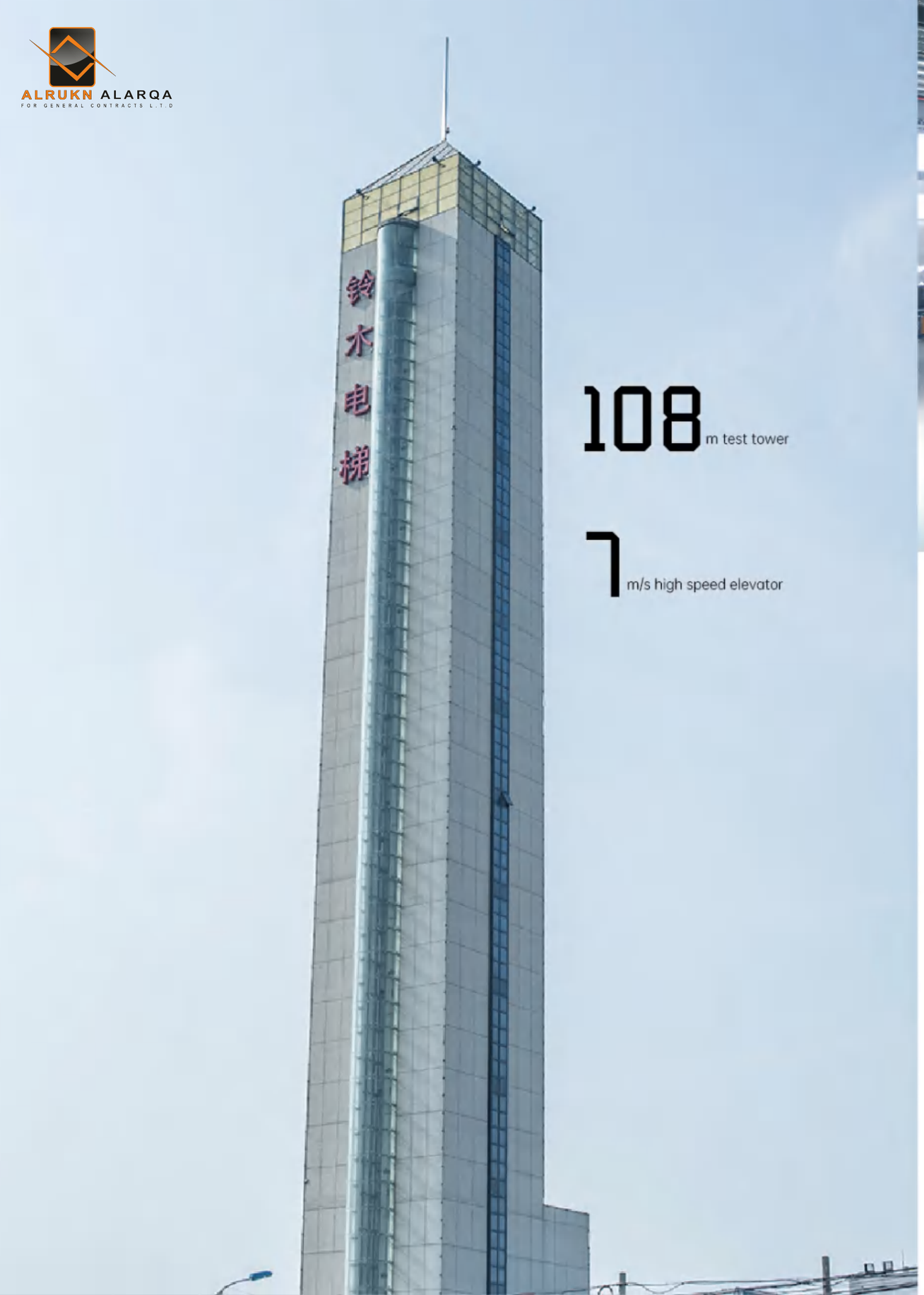
1997-2005 |
Completed shareholding system reform

2006-2010 |
Started Sino-foreign joint venture cooperation

2011-2015 |
Advance Smart Production · Drive Innovation Breakthroughs

2016-2020 |
Over 200 Patents Secured

2021-now |
Launched new brand LG TECH
expanded overseas & adopted multi-brand strategy



108 m test tower

7 m/s high speed elevator



INTELLECTUAL FACTORY SCIENTIFIC LAYOUT

LG TECH Elevator has a large manufacturing plant, and been equipped with various types of world-class modern production and manufacturing equipment, including laser cutting machine, digital multi-function punching machine, shearing machine, etc., thus to achieve the technicalization and precision machining, the professionals uphold the strict attitude, and adhere to the pursuit of excellence to work on every elevator components carefully.



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OUR CERTIFICATE

Authoritative certification

ISO 9001; CE EURO CERT, EAC RUSSIA



















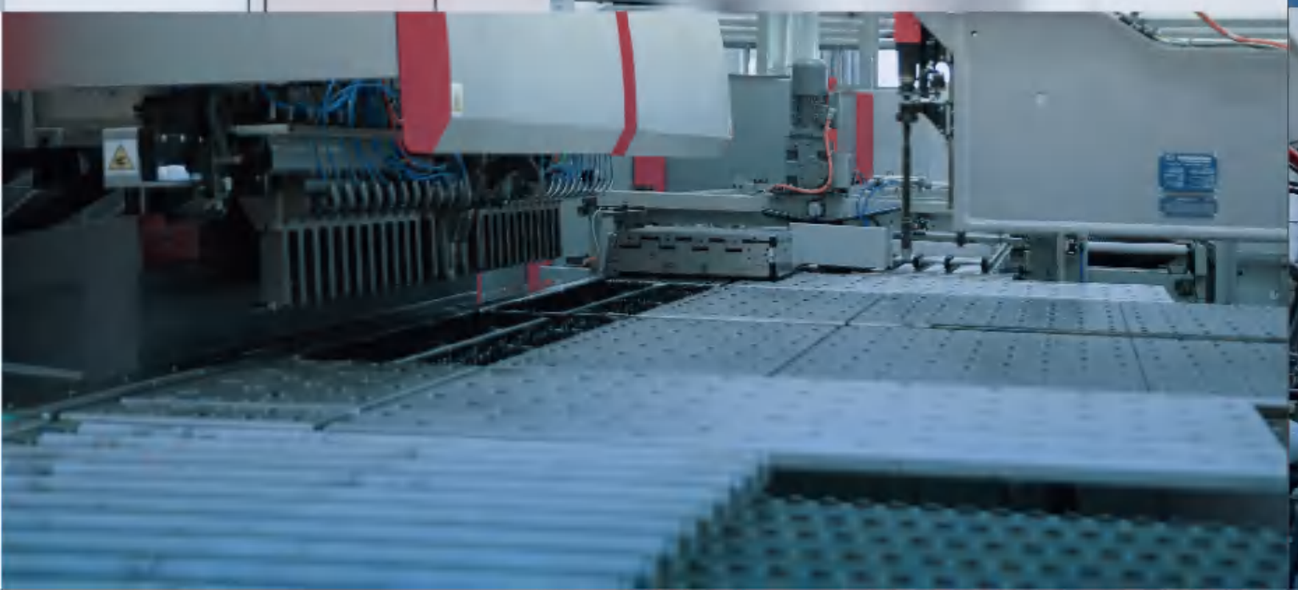




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IMPROVING DIGITAL DEVICES

LG TECH Elevator has built a professional production line and standardized production system, to ensure no difference in every aspect of the operation, and continued to spend huge sums of money to introduce the robot production line, which can achieve full digital management of the product manufacturing process, significantly improve the production efficiency, and get dedicated to building the smart factory in the future.





Strict selection
World's Excellent Accessories

specialization
Production Management
Manufacturing

high efficiency
lean production

UNLOCK FUTURE HIGH & NEW TECH

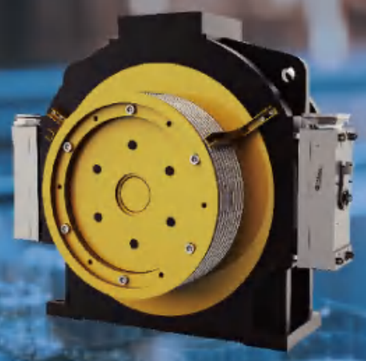
Intelligent control system

Effective is first in the field of vertical transport. In order to fully optimize service efficacy of elevator system, LG TECH Elevator fulfills intellectual managements such as multi-microcomputer, modular, network control etc. through fully computerized intellectual control system. It instantly feeds back the elevator running conditions. It provides vast passengers with the most effective gold-collar style services.

Permanent magnet synchronous technology

Permanent magnet variable frequency vector control technology is of closed-loop control, real-time monitor. It is cozy and reliable with compact structure, high utilization rate of well, strong general-purpose properties, low noise. Light-curtain door protection system ensures the passengers' safety.







Top grade door machine system

It applies the advanced VVVF control technology in door machine system. It brings about the smooth start, acceleration, brake curve for elevator door with peaceful opening / closing. It offers cozy enjoyments for vast passengers.

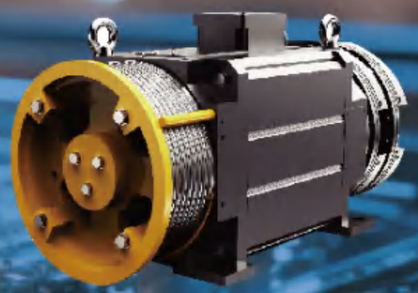
VVVF variable voltage and variable frequency speed governor system

The VVVF variable voltage and frequency conversion speed regulation system ensures a perfect acceleration/-deceleration curve during elevator operation and a reasonable travel time between landings, making the leveling accuracy more accurate.

New shock-absorbing device

It applies new shock-absorbing device to effectively reduce the brake noise and vibration during the operation. It brings about the more cozy and peaceful travel process.







SMALL MACHINE ROOM PASSENGER ELEVATOR

Unique small machine room design, using compact dense permanent magnet synchronous gearless traction machine and special design of control cabinet. Reasonable civil engineering layout can achieve the same size of machine room area and shaft, reduce the height of machine room, improve space utilization, and make the building elegant and beautiful.

- Machine room is only extension of well. It needs no other space.
- It saves the building area and enhances the design freedom.
- It applies the advanced energy-saving technology. It can fulfill about 30% of energy-saving effects.

MACHINE ROOMLESS PASSENGER ELEVATOR

Machine-room-less elevator series resolves the restriction of the elevator to the building construstion, reduces cost, improves space utilization, and provides more possiblities for designers. Saving the space and cost at the same time, it provides the passengers with upper level intellectual, effective and stable travel.



- Optimized well design effectively saves 10% the building area.
- Green drive and energy-saving device save about 30% of energy.
- Machine room-less design brings about a freer and more relaxing building design.

PASSENGER ELEVATOR CAR DECORATION

Classical texture combines with unique flash silver craft.

It concisely, popularly shows future low-key simplicity style.

Let's feel cozy, graceful and peaceful space.

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LG-PS10

Ceiling: Hairline stainless steel, LED light,
acrylic light-emitting panel
Car wall: Hairline stainless steel
Handrail: Hairline stainless steel
Floor: PVC/marble



LG-PS11

Ceiling: Hairline stainless steel, LED light,
acrylic light-emitting panel
Car wall: Hairline stainless steel, mirror stainless steel
Handrail: Hairline stainless steel
Floor: PVC/marble



LG-PS12

Ceiling: Mirror stainless steel, acrylic lighting decoration
Car wall: Hairline stainless steel, mirror stainless steel
Handrail: None
Floor: PVC/marble



LG-PS13

Ceiling:Mirror stainless steel, acrylic arch panel,
LED light
Car wall: Hairline stainless steel,
mirror etched stainless steel
Handrail: Hairline flat handrail
Floor: PVC/marble



LG-PS14

Ceiling:Mirror stainless steel, LED light
Car wall: Hairline stainless steel,
mirror etched stainless steel, mirror stainless steel
Handrail: Hairline stainless steel
Floor: PVC/marble



LG-PS15

Ceiling:Mirror stainless steel, LED light,
acrylic light-emitting panel
Car wall: Hairline stainless steel, mirror stainless steel
Handrail: Hairline flat handrail
Floor: PVC/marble



LG-PS16

Ceiling: Hairline stainless steel, acrylic light-emitting panel
Car wall: Hairline stainless steel, mirror etched stainless steel, mirror stainless steel
Handrail: Hairline stainless steel
Floor: PVC/marble



LG-PT17

Ceiling: Titanium mirror stainless steel, acrylic arch panel, LED light
Car wall: Titanium mirror stainless steel, titanium mirror etched stainless steel
Handrail: Titanium flat handrail
Floor: PVC/marble



LG-PT18

Ceiling: Champange gold stainless steel, champange mirror etched stainless steel, hidden lamp belt
Car wall: Champange gold hairline stainless steel, champange mirror etched stainless steel, hidden lamp belt
Handrail: Champange gold flat handrail
Floor: PVC/marble



LG-PT19

Ceiling:Titanium mirror stainless steel, acrylic light-emitting panel
Car wall: Titanium mirror stainless steel, titanium mirror etched stainless steel
Handrail: Titanium+solid wood
Floor: PVC/marble





LG-PT20

Ceiling: Black titanium mirror stanless steel,
translucent marble, LED light
Car wall: Black titanium mirror stanless steel, marble
Handrail: None
Floor: PVC/marble



LG-PT21

Ceiling: Titanium gold stainless steel frame,
titanium mirror stanless steel, LED light
Car wall: Titanium gold hairline stainless steel, mirror
stanless steel, titanium mirror stanless steel,
mirror etched stanless steel
Handrail:Titanium gold round handrail
Floor: PVC/marble



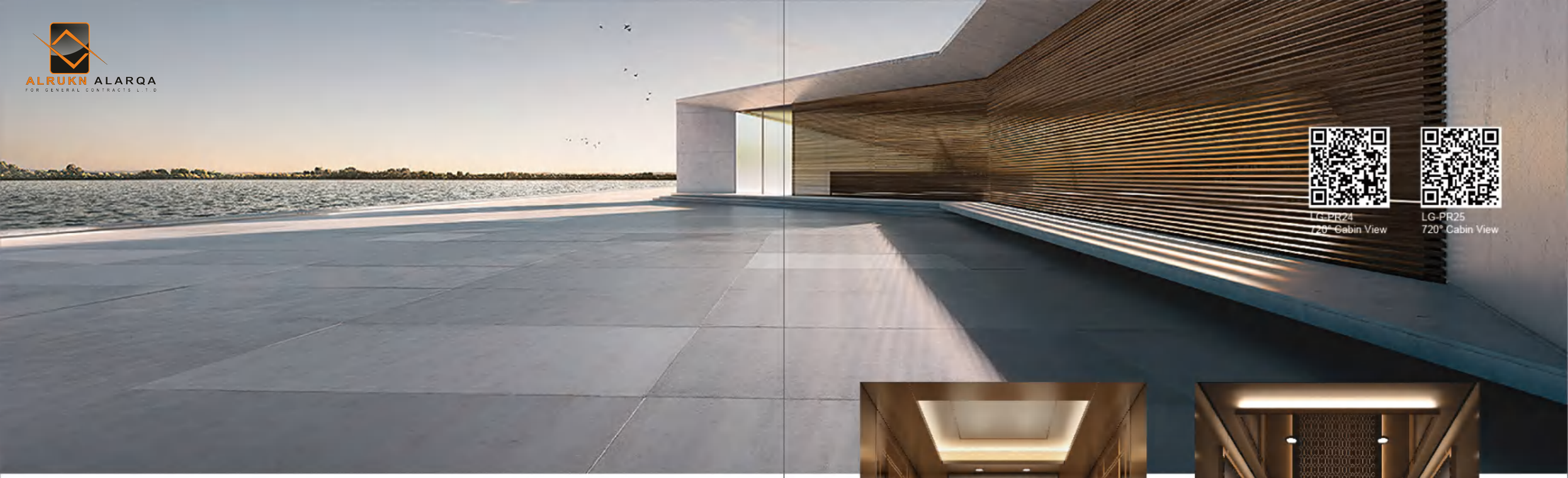
LG-PT22

Ceiling: Champange gold stainless steel,
acrylic arch panel, acrylic lighting decoration
Car wall: Champange gold hairline stainless steel,
champange mirror etched stainless steel
Handrail: Champange gold flat handrail
Floor: PVC/marble



LG-PT23

Ceiling:Titanium mirror stainless steel,
acrylic arch panel, LED light
Car wall: Titanium hairline etched stainless steel,
titanium mirror stainless steel
Handrail: Titanium+solid wood
Floor: PVC/marble



LG-PR24
720° Cabin View

LG-PR25
720° Cabin View

PASSENGER ELEVATOR CAR DECORATION

Retro combines with modern. Art integrates with function.

It displays deluxe elegance in every detail.

It pours in a noble flavor to your life.



LG-PR24

Ceiling: Rose gold wire-drawn stainless steel,
hidden light strip, LED light
Car wall: Rose gold mirror stainless steel, marble,
rose gold mirror etched stainless steel,
rose gold wire-drawn stainless steel
Handrail: Rose gold wire-drawn stainless steel handrail
Floor: PVC/marble



LG-PR25

Ceiling:Bronze hairline stainless steel, bronze mirror
stainless steel, hidden light strip, LED light
Car wall: Bronze hairline stainless steel, bronze mirror
etched stainless steel, leather hard-roll, hidden light strip
Handrail: Bronze hairline stainless steel
Floor: PVC/marble

LG-PR26
720° Cabin View

LG-PR27
720° Cabin View

LG-PR28
720° Cabin View

LG-PR29
720° Cabin View









LG-PR26

Ceiling: Rose gold mirror stainless steel, acrylic lighting decoration, LED light
Car wall: Rose gold mirror stainless steel,
rose gold hairline stainless steel, leather hard-roll
Handrail: Rose gold hairline stainless steel
Floor: PVC/marble

LG-PR27

Ceiling:Bronze hairline stainless steel, bronze mirror stainless steel, hidden light strip, LED light
Car wall: Bronze hairline stainless steel, bronze mirror etched stainless steel, hidden light strip
Handrail: Bronze hairline stainless steel
Floor: PVC/marble

LG-PR28

Ceiling: Steel plate baked enamel, bronze stainless steel rim, hidden lamp belt, LED lamp
Car wall: Marble veneer, wood veneer, bronze mirror stainless steel, hidden lamp belt, metal decorative strip
Handrail: Metal handrail
Floor: PVC/marble

LG-PR29

Ceiling: Bronze hairline stainless steel, mirror stainless steel, hidden lamp belt, LED ring Light
Car wall: Bronze hairline stainless steel, bronze mirror etched stainless steel, leather hard-roll
Handrail: None
Floor: PVC/marble

LG-PB30
720° Cabin View

LG-PB31
720° Cabin View



LG-PB30

Ceiling: Black titanium mirror stanless steel, hairline stainless steel, hidden light strip, LED light
Car wall: Black titanium mirror stanless steel, hairline stainless steel
Handrail: Hairline flat handrail
Floor: PVC/marble



LG-PB31

Ceiling: Black titanium mirror stanless steel, acrylic light-emitting panel, LED light
Car wall: Black titanium mirror stanless steel, black titanium hairline stainless steel, hidden light strip
Handrail: None
Floor: PVC/marble



LG-PB32

Ceiling: Black titanium mirror stanless steel, LED light
Car wall: Black titanium mirror stanless steel, black titanium hairline stainless steel, hidden light strip
Handrail: Black titanium flat handrail
Floor: PVC/marble



LG-PB33

Ceiling:Mirror stainless steel, wood-grain make-up steel plate, LED light strip
Car wall: Wood-grain make-up steel plate, mirror etchedstainless steel
Handrail: Hairline flat handrail
Floor: PVC/marble

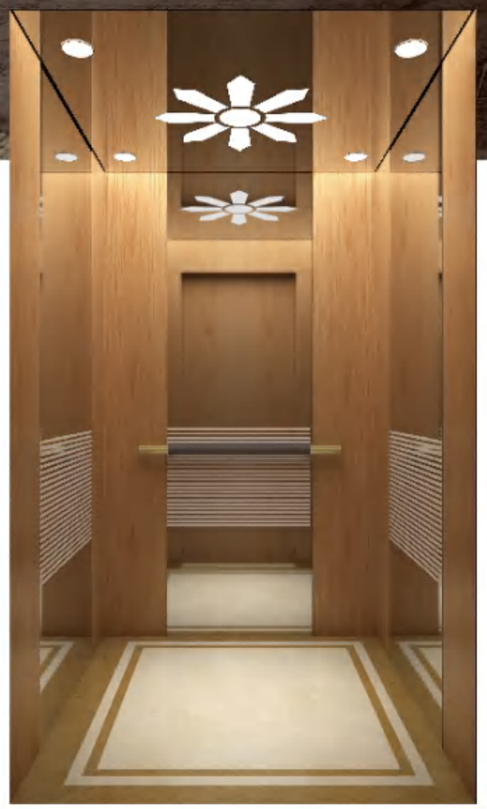
LG-PW34
720° Cabin View

LG-PW35
720° Cabin View



LG-PW34

Ceiling: Mirror etched stainless steel, mirror stainless steel,acrylic lighting decoration
Car wall: Wood-grain make-up steel plate, mirror stainless steel, mirror etched stainless steel, hidden light strip
Handrail: Hairline flat handrail, hidden light strip
Floor: PVC/marble



LG-PW35

Ceiling:Mirror stainless steel, acrylic lighting decoration, LED light
Car wall: :Wood-grain make-up steel plate, mirror etched stainless steel
Handrail: Titanium+wood
Floor: PVC/marble



LG-PW36

Ceiling:Wood decoration, acrylic lighting decoration
Car wall: :Wood decoration,mirror stainless steel
Handrail: None
Floor: PVC/marble



LG-PW37

Ceiling: Hairline stainless steel, mirror stainless steel, LED light
Car wall: Wood-grain make-up steel plate, mirror stainless steel, mirror etched stainless steel
Handrail: Hairline flat handrail
Floor: PVC/marble

PANORAMIC ELEVATOR

LG TECH panoramic elevator applies highly secure laminated glass cabin wall material. It prevents from energy loss with effective sound-isolation. It adopts large-area cabin wall glass to create the best sight-seeing vision. It is smooth in outline design. It adds infinite beauty and charm for the building in the travel process.

Various types of cabin are available for your choice and meet different needs. The overstriking line in each picture is transparent safety glass.



Semi-circular



Square



Cutting-angle



LG-G01

Upper and lower cover: Hairline stainless steel, decoration light
Observation wall: 6 + 6 laminated safety glass
Decoration ceiling: Hairline stainless steel, acrylic light-emitting panel
Car wall: Hairline stainless steel
Handrail: Hairline flat handrail
Floor: PVC



LG-G02

Upper and lower cover: Hairline stainless steel,
Observation wall: 6 + 6 laminated glass
Decoration ceiling: Mirror stainless steel, acrylic
Car wall: Hairline stainless steel
Handrail: Hairline stainless steel single tube
Floor: PVC



LG-G03

Upper and lower cover: Rose gold hairline stainless steel
Observation wall: 6+6 laminated safety glass
Decoration ceiling: Rose gold mirror stainless steel, acrylic lighting decoration
Car wall: Rose gold mirror stainless steel
Handrail: Rose gold stainless steel single tube
Floor: PVC



LG-G04

Observation wall: Safety laminated glass
Decoration ceiling: Champange gold mirror water ripple, hidden light strip
Car wall: Champange gold hairline stainless steel
Handrail: Champange gold stainless steel
Floor: PVC

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LG-G05

Upper and lower cover: Hairline stainless steel,
mirror stainless steel, acrylic lighting decoration
Observation wall: Safety laminated glass
Decoration ceiling: Hairline stainless steel,
acrylic lighting decoration, LED light
Car wall: Hairline stainless steel
Handrail: Hairline stainless steel single tube
Floor: PVC



LG-G06

Upper and lower cover: Steel plate baked enamel
Observation wall: Safety laminated glass
Decoration ceiling: Steel plate baked enamel,
acrylic lighting decoration, LED light
Car wall:Steel plate baked enamel
Handrail: Hairline stainless steel
Floor: PVC



LG-G07

Upper and lower cover:
Titanium etched stainless steel, acrylic
Observation wall: 6 + 6 laminated safety glass
Decoration ceiling: Titanium hairline stainless steel,
acrylic lighting decoration, LED light
Car wall: Titanium mirror stainless steel
Handrail: Titanium hairline stainless steel
Floor: PVC



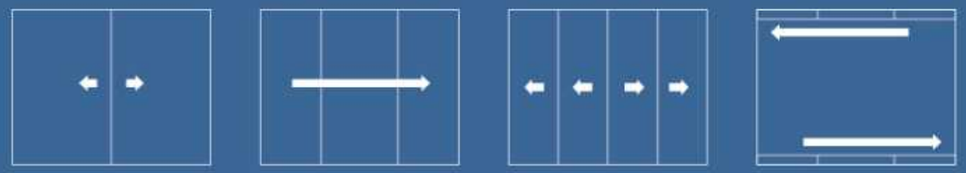
LG-G08

Upper and lower cover: Titanium hairline stainless steel,
acrylic lighting decoration
Observation wall: 6 + 6 laminated safety glass
Decoration ceiling: Titanium mirror stainless steel,
acrylic lighting decoration
Car wall: Titanium mirror stainless steel
Handrail: Hairline stainless steel
Floor: PVC



HOSPITAL ELEVATOR

There is strict requirement for hospital elevator because of the special environment in the hospital. Focusing on human-oriented design, LG TECH elevators precisely controls elevator running speed and attentively makes comfortable space for passengers.



Center opening

Telescopic opening

4 panels center opening

Through opening



LG-Y01

Ceiling:
Hairline stainless steel, LED lighting

Car wall:
Hairline stainless steel

Handrail:
Flat stainless steel

Floor:
PVC



VILLA ELEVATOR



Traction villa elevator



Steel belt type villa elevator



Strong drive villa elevator

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Aluminum alloy well frame

Independent frame glass design does not add any extra building cost with fine light-transparency. It integrates with indoor decoration into one with optional installation position, anti-corrosion and long life cycle. It chooses industrial-class aluminum alloy. Glass applies safety laminated glass.





High grade painted Aluminum alloy frame



White

Champagne gold



Rose gold

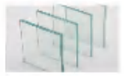


Filigree grey



Obsidian black

Glass side plate (optional)



Fully transparent glass



Grey transparent glass



Brown transparent glass



Frosted glass



Wired glass



LG-HS10

Ceiling: Mirror stainless steel, acrylic lighting decoration, LED light
Car wall: Hairline stainless steel, mirror stainless steel
Handrail: None
Floor: PVC/marble



LG-HS11

Ceiling:Mirror stainless steel, acrylic light-emitting panel
Car wall: :Hairline stainless steel,
mirror etched stainless steel
Handrail: None
Floor: PVC/marble



LG-HS12

Ceiling: Mirror stainless steel, acrylic light-emitting panel
Car wall: Hairline stainless steel, mirror stainless steel
Handrail: None
Floor: PVC/marble



LG-HS13

Ceiling:Mirror stainless steel, acrylic light-emitting panel
Car wall: :Hairline stainless steel, mirror stainless steel,
mirror etched stainless steel
Handrail: None
Floor: PVC/marble



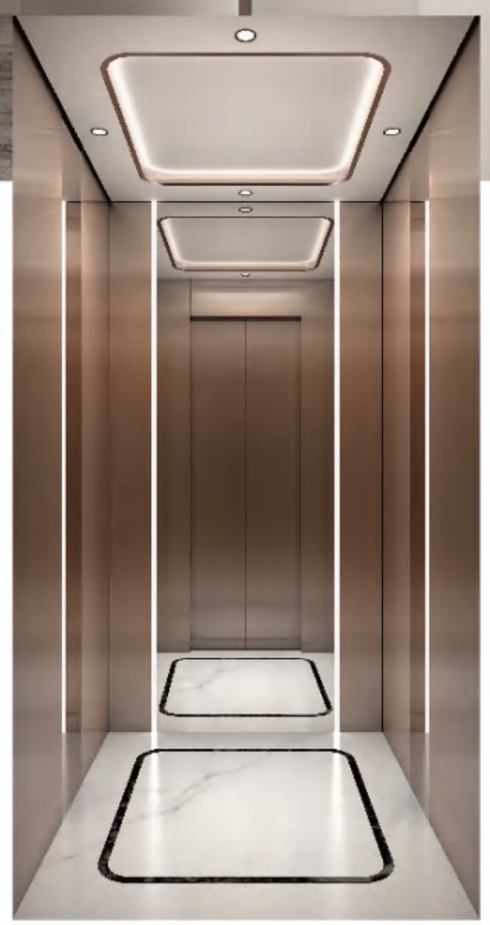
LG-HT14

Ceiling: Titanium mirror stainless steel, LED light
Car wall: Titanium hairline stainless steel, titanium mirror stainless steel, etched, hidden lamp
Handrail: None
Floor: PVC/marble



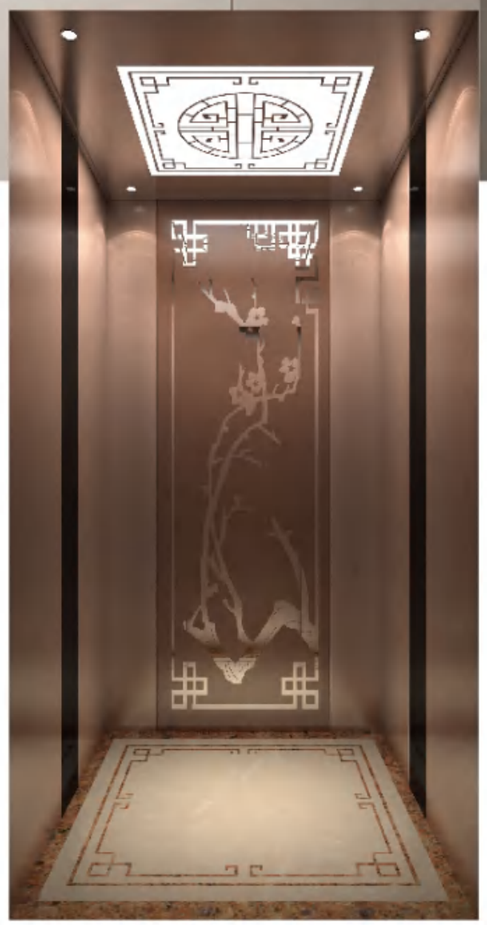
LG-HT15

Ceiling:Champange gold hairline stainless steel, champange gold mirror stainless steel, acrylic lighting decoration, LED light
Car wall: Champange gold mirror etched stainless steel, champange gold mirror stainless steel, leather
Handrail: Wood decoration handrail
Floor: PVC/marble



LG-HR16

Ceiling: Metal baked enamel model, hidden lamp, metal decorative strip, LED light
Car wall: Rose gold hairline stainless steel, mirror stainless steel, LED strip
Handrail: None
Floor: PVC/marble



LG-HR17

Ceiling:Rose gold hairline stainless steel, plate lamp, LED light
Car wall: Rose gold hairline stainless steel, rose gold mirror etched staniless steel, black titanium mirror stainless steel
Handrail: None
Floor: PVC/marble



LG-HB18

Ceiling: Hairline stainless steel, acrylic light-emitting panel
Car wall: Hairline stainless steel, black titanium mirror stainless steel, etched
Handrail: None
Floor: PVC/marble



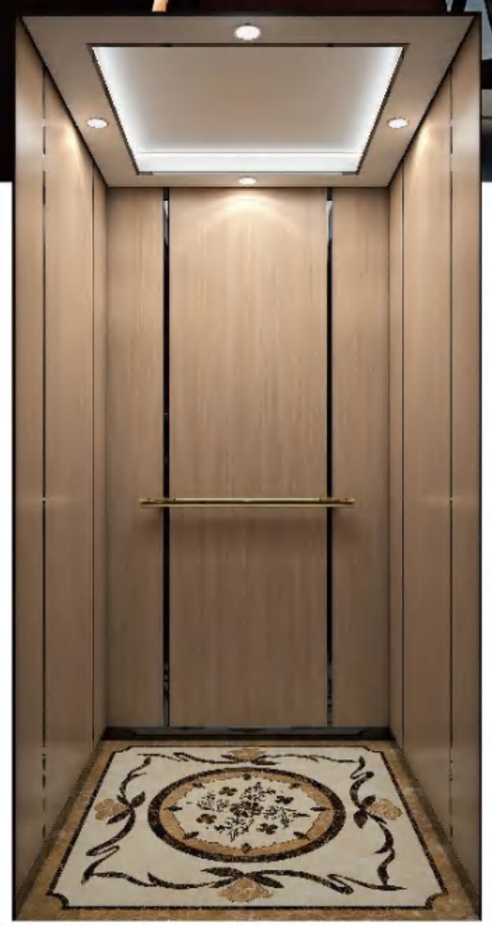
LG-HB19

Ceiling:Black titanium mirror stainless steel frame, acrylic light-emitting panel
Car wall: :Black titanium mirror stainless steel, black titanium hairline etched stainless steel, marble
Handrail: None
Floor: PVC/marble



LG-HW20

Ceiling: Bronze mirror stainless steel frame, acrylic light-emitting panel
Car wall: Bronze hairline stainless steel, marble
Handrail: Marble+metal
Floor: PVC/marble



LG-HW21

Ceiling:Metal baked enamel model, hidden lamp, metal decorative strip, LED light
Car wall: :Wood-grain make-up steel plate, metal decorative strip
Handrail: Metal handrail
Floor: PVC/marble



LG-HW22

Ceiling: Metal baked enamel model, hidden lamp,
metal decorative strip, LED light
Car wall: Hairline stainless steel,
wood-grain make-up steel plate,
Handrail: None
Floor: PVC/marble



LG-HW23

Ceiling:Metal baked enamel model, hidden lamp,
metal decorative strip, LED light
Car wall: Bronze hairline stainless steel, mirror stainless steel,
LED strip
Handrail: None
Floor: PVC/marble



LG-HW24

Ceiling: Hairline stainless steel, acrylic lighting decoration,
hidden lamp, LED light
Car wall: Hairline stainless steel, mirror stainless steel,
rose gold mirror stainless steel
Handrail: None
Floor: PVC/marble



LG-HW25

Ceiling:Metal baked enamel model, hidden lamp
Car wall: :Mirror stainless steel, wood-grain make-up
steel plate, marble
Handrail: Rose gold stainless steel
Floor: PVC/marble



LG-HW26

Ceiling: Metal baked enamel model, hidden lamp, metal decorative strip, LED light
Car wall: Bronze hairline stainless steel, marble, decoration painting
Handrail: Wood decoration handrail
Floor: PVC/marble

LG-HW27

Ceiling: White painted steel plate
Car wall: Wooden steel plate, artistic plate, curve type black hairline stainless steel, mirror stainless steel with hidden lights
Handrail: Black hairline stainless steel , flat type with hidden lights
Floor: Marble

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FREIGHT ELEVATOR

The firm and durable cabin

High strength plate ensures the firm and durable cabin. In addition, LG TECH freight elevator specially designs crash barrier to implement multi-protection to the cabin.

Energy-saving

Frequency conversion freight elevator applies VVVF and speed regulative technology. It thus greatly reduces the elevators running power consumption and power supply capacity. Compared with the traditional AC-2 speed type elevator, it can save 30%-50% energy.

Highly accurate leveling

Leveling accuracy can be controlled within millimeter-sized range.

Large door width

Adopt multi-panel cabin doors to reach the maximum door opening width, making it easy for handing large goods.



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DUMBWAITER

It deducts safe, mute, steady, cautious travel

LG TECH dumbwaiter elevator provides small freight elevators in various buildings with the prompt, economical and convenient vertical transport. It greatly saves time and labor resources. It is widely applicable for delivering food and drinks, dining ware, daily commodities etc. in the hotel, restaurant, bank, hospital and so on.





Window type (Up and down diractly separated)

Rich specifications and models

Load range: 100kg-300kg. Door modes can be divided into windowsill type which is convenient for direct entry/exit of the goods and floor type which is easy for goods cart.





Ground type (Up and down diractly separated)



FREIGHT ELEVATOR CAR DECORATION



LG-F001

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



LG-F002

Ceiling:
Hairline stainless steel, acrylic
Car wall/Car door:
Hairline stainless steel
Illumination:
Energy-saving light
Door opening mode:
Center-opening & double folded type
Floor:
Checkered plate



LG-HC01



LG-HW01



LG-W11

MAN-MACHINE INTERFACE



LG-C01



LG-W01



LG-C02



LG-W02



LG-C03



LG-W03

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MAN-MACHINE INTERFACE



LG-C04 LG-C05 LG-C06 LG-C07 LG-C08

LOP



LG-W04 LG-W05 LG-W06 LG-W07 LG-W08 LG-W09 LG-W10

Horizontal display



LG-XS01 LG-XS02 LG-XS03 LG-XS04



LG-XS05



LG-XS06



LG-C09
Villa elevator COP



LG-C10
Disabled person's control box



LG-L01
Arrival light



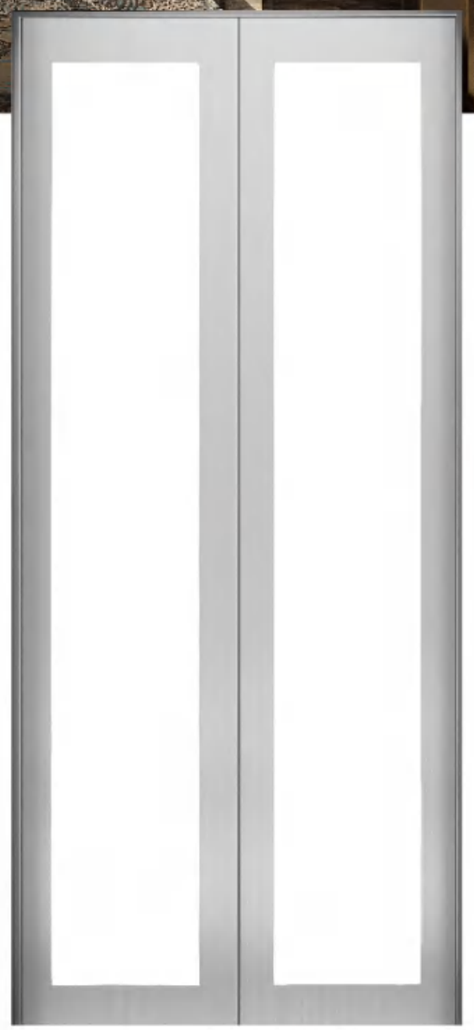
LG-L02
Arrival light



LANDING DOOR SERIES



LG-M01



LG-M02

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LG-M03



LG-M04



LG-M05



LG-M06



LG-M07



LG-M08



LG-M09



LG-M10



LG-M11



LG-M12



LG-M13



LG-M14

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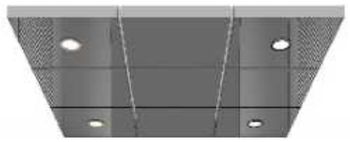
CEILING SERIES


LG-DD01


LG-DD02


LG-DD03


LG-DD04

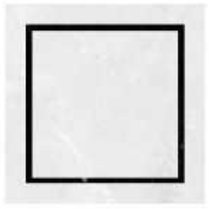

LG-DD05


LG-DD06

FLOOR SERIES


LG-DB01


LG-DB02


LG-DB03


LG-DB04


LG-DB05


LG-DB06


LG-DB07


LG-DB08

HANDRAIL SERIES


LG-FS01


LG-FS02


LG-FS03


LG-FS04


LG-FS05


LG-FS06


LG-FS07

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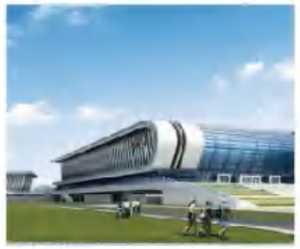
CLASSIC DOMESTIC PROJECT CASES


HEBEI CHENGDE PINGQUAN COUNTY PROCURATORATE


TIANJIN DONGLI HOSPITAL


SHANDONG QINGDAOOVEN FACTORY


QUMEI FURNITURE ASIAN GAMES


TIANJIN UNIVERSITY OF FINANCE ANDECONOMICS GYMNASIUM


SICHUAN QINGCHUAN COUNTY HOSPITA


SCIENCE AND TECHNOLOGY INNOVATION PARK


MEW WORLD, SOUTHCITY, SHAANXI


CHONGQING YIHE STORY YUNSHUIJIAN


YANDU WORLD FAMOUS GARDEN


TIANJIN NEW TAIPEI HOME

CLASSIC CASES OF OVERSEAS PROJECTS


BENGAL SHYMOLI 12 TOWER


INDONESIA BEST WESTERN HOTEL


THAILAND OFFICE BUILDING


PAKISTAN CITY CENTER


JORDAN HOUSE OF REPRESENYATIVES


MONGOLIA YAKA APARTMENT


VIETNAM

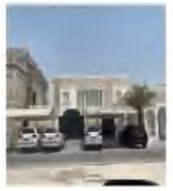

Egypt


DUBAI PRIVATE HOUSE


AUSTRALIA JASSEN APARTMENT


ALBANIA ELYSIUM HOTEL


ARMENIA YEREVAN CITY


QATAR MR_ KHALED ABDULLA


TÜRKIYE PRIVATE HOUSE 24 UNITS


YEMEN


OMAN


PANAMA FOREST APARTMENT


COLOMBIA CHPATA HOTEL


MEXICO AIRPORT SERVICE CENTER

ALRUKN ALARQA
FOR GENERAL CONTRACTS L.T.D

PASSENGER ELEVATOR FUNCTION

Standard function

Travel function

VVVF drive	Motor rotating speed can be precisely adjusted to get smooth speed curve in elevator start, travel and stop and gain the sound comfort.
VVVF door operator	Motor rotating speed can be precisely adjusted to get the more gentle and sensitive door machine start / stop.
Independent running	The elevator can not respond to outer calling, but only respond to the command inside the cabin through the action switch.
Automatic pass without stop	When the cabin is crowded with the passengers or the load is close to preset value, the cabin will automatically pass the calling landing in order to keep maximum travel efficiency.
Automatically adjust door opening time	Door-open time can be automatically adjusted according to the difference between landing calling and cabin calling.
Reopen with hall call	In the door shutting process, press reopen with hall call button can restart the door.
Express door closing	When the elevator stops and opens the door, press door-shut button, the door will be closed immediately.
Cabin stop and door open	The elevator decelerates and levels, the door only opens after the elevator comes to a complete stop.
Cabin arrival gong	Arrival gong in the cabin top announces that the passengers arrive.
Command register cancel	If you press the wrong floor command button in the cabin, twice continuous pressing of same button can cancel the registered command.

Safety function

Photocell protection	In the door open and shut period, infrared light that covers the whole door height is used to probe the door protection device of both the passengers and objects.
Designated stop	If the life can not open the door in the destination floor out of some reason, the elevator will close the door and travel to the nex designated floor.
Overload holding stop	When the cabin is overload, the buzzer rings and stops the elevator in the floor.
Anti-stall timer protection	The elevator stops operation due to slippery traction wire rope.
Start protection control	If the elevator does not leave door zone within the designated time after it gets started, it will stop the operation.
Inspection operation	When the elevator enter into inspection, the cabin travels at inching running.
Fault self-diagnosis	The controller can record 62 latest troubles so as to quickly remove the trouble and restore the elevator operation.
Repeated door closing	If the elevator can not close the door due to certain obstacle or interference, the elevator will reopen or re-shut the door until sundries are eliminated.
Up/down over-run and final limit protection	The device can effectively prevent from the elevator's surging to the top or knocking the bottom when it is out of the control. It results in the more safer and reliable elevator travel.
Up over-speed protection device	When the elevator ups 1.2 times higher than rated speed, the device will automatically decelerate or brake the elevator.
Down over-speed protection device	When the elevator downs 1.2 times higher than the rated speed, this device will automatically cut off control mains, stop the motor running so as to stop elevator down at over-speed, and the speed is 1.4 times higher than rated speed, safety gears act to force the elevator stop in order to ensure the safety.

Human-machine interface

Micro-touch button for cabin call and hall call	Novel micro-touch button is used for opeartion panel command button in the cabin and landing calling button.
Floor and direction indicator inside cabin	The cabin shows the elevator floor location and current travel direction.
Floor and direction indicator	The landing shows the elevator floor location and current travel direction.

Emergency function

Emergency cabin lighting	Emergency cabin lighting automatically activated once power failure.
Inching running	When the elevator enters into emergency electric operation, the cabin travels at low speed inching running.
Five-way intercom	Communication amid cabin, cabin top, elevator machine room, well pit and rescue duty room through walkie-talkie.

Energy-saving function

Bell	In emergency conditions, if bell button above cabin opertion panel is continuously pressed, electric bell rings on top of the cabin.
Fire emergency return	If you start key switch in main landing or monitor screen, all the calling will be cancelled. The elevator directly and immediately drives to the designated rescue landing and automatically opens the door.
Cabin ventilation, light automatic shut-off	If there is no calling or command signal within the stipulated time, the cabin fan and lighting will be automatically closed in order to save the energy.
Remote shut-off	The elevator can be called to main landing (after finishing the service) through the key switch and automatically exists the service.

Optional function

Emergency function

Leveling when power failure	In normal power failure, the chargeable battery supplies the elevator power. The elevator drives to the nearest landing.

Travel function

Anti-nuisance	In the light elevator load, when three more commands appear, in order to avoid the unnecessary parking, all the resgistered callings in the cabin will be cancelled.
Open the door in advance	When the elevator decelerates and enters into door open zone, it automatically opens the door to enhance the travel efficiency.
Direct parking	It completely accords with distance principle with no crawling in the leveling. It greatly enhance the travel efficiency.
Group control function	When three or more same model elevator groups are controlled in use, the elevator group can automatically choose the most appropriate response. It avoids the repeated elevator parking, reduces the passenger's waiting time and increases the travel efficiency.
Duplex control	Two sets of same model elevators can unanimously respond the calling signal through the computer dispatch. In this way, it reduces the passenger's waiting time to the greatest extent and enhances the travel efficiency as well.
On-duty peak service	Within the preset on-duty time, upward transport from the home landing is extremely busy. The elevators are continuously dispatched to the home landing in order to satisfy on-duty peak service.
Off-duty peak service	Within the preset off-duty period, the elevators are continuously dispatched to top floor in order to satisfy off-duty peak service.
Door open time extending	Press special button in the cabin, the elevator door keeps open for certain period of time.

Human-machine interface

Voice announcer	When the elevator normally arrives, voice announcer informs the passenges about the relevant information.
Cabin assistant operation box	It is used in the large loading weight elevators or the elevators with crowded passengers so that more and more passengers can use the cabin.
Operation box for the handicapped	It is convenient for the wheelchair passengers and those who have vision problems.
Intelligent calling service	The cabin command or hoistway calling can be locked or connected through special intelligent input.
IC card control function	All(partial) landings can only input cabin commands through IC card after the authorization.

Monitor function

Remote monitor	The elevator long-distance monitor and control can be fulfilled though modem and telephone. It is convenient for the factories and service units to timely know the travel conditions of evrey elevator and promptly take the corresponding measures.
Remote control	The elevator can have independent travel according to the specific requirements through operation monitor screen(optional).
Camera function in the cabin	The camera is installed in the cabin to monitor the cabin conditions.

ALRUKN ALARQA
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FREIGHT ELEVATOR FUNCTION

Standard function

Travel function

Group selection control	Group selection controlling without the presence of operator.
Reopen with hall call	In the door shutting process, press reopen with hall call button can restart the door.
Cabin stop and door open	The elevator decelerates and levels, the door only opens after the elevator comes to a complete stop.
Automatic returning to the base station	When the traffic flow is low, elevator without receiving commanding signals will automatically return to the base floor and standby with the door closed.
Directly running	Under the operator's control, after the direct running button is pressed, the elevator only runs directly according to the directives from inside the cabin and does not respond to any calls from outside.
Automatic pass without stop	When the cabin is crowded with the passengers or the load is close to preset value, the cabin will automatically pass the calling landing in order to keep maximum travel efficiency.

Safety function

Repeated door closing	If the elevator can not close the door due to certain obstacle or interference, the elevator will reopen or re-shut the door until sundries are eliminated.
Re-leveling upon power recovery	A power failure might cause the elevator to stop between two floors. However, upon recovery of the power, the cabin automatically moves to the nearest leveling floor.
Overload holding stop	When the cabin is overload, the buzzer rings and stops the elevator in the floor.
Anti-stall timer protection	The elevator stops operation due to slippery traction wire rope.
Start protection control	If the elevator does not leave door zone within the designated time after it gets started, it will stop the operation.
Inspection operation	When the elevator enters into inspection, the cabin travels at inching running.
Up/down over-run and final limit protection	The device can effectively prevent from the elevator's surging to the top or knocking the bottom when it is out of the control. It results in the more safer and reliable elevator travel.
Down over-speed protection device	When the elevator downs 1.2 times higher than the rated speed, this device will automatically cut off control mains, stop the motor running so as to stop elevator down at over-speed, and the speed is 1.4 times higher than rated speed, safety gears act to force the elevator stop in order to ensure the safety.
Up over-speed protection device	When the elevator ups 1.2 times higher than rated speed, the device will automatically decelerate or brake the elevator.
Photocell protection	In the door open and shut period, infrared light that covers the whole door heihgt is used to probe the door protection device of both the passengers and objects.

Emergency function

Emergency cabin lighting	Emergency cabin lighting automatically activated once power failure.
Five-way intercom	Communication amid cabin, cabin top, elevator machine room, well pit and rescue duty room through walkie-talkie.
Bell	In emergency conditions, if bell button above cabin opertion panel is continuously pressed, electric bell rings on top of the cabin.
Fire emergency return	If you start key switch in main landing or monitor screen, all the calling will be cancelled. The elevator directly and immediately drives to the designated rescue landing and automatically opens the door.

Human-machine interface

Micro-touch button for cabin call and hall call	Novel micro-touch button is used for operation panel command button in the cabin and landing calling button.
Floor and direction indicator inside cabin	The cabin shows the elevator floor location and current travel direction.
Floor and direction indicator in hall	The landing shows the elevator floor location and current travel direction.
Cabin assistant operation box	It is used in the large loading weight elevators or the elevators with crowded passengers so that more and more passengers can use the cabin.

Energy-saving function

Cabin ventilation, light automatic shut-off	If there is no calling or command signal within the stipulated time, the cabin fan and lighting will be automatically closed in order to save the energy.
Remote shut-off	The elevator can be called to main landing (after finishing the service) through the key switch and automatically exists the service

Optional function

Travel function

Operation control atstations	Through turning the key switch installed on a specific floor (optional), the elevator can be arranged to stop service for a certain floors.
Door open time extending	By pressing a specific button located in the cabin, the door can be kept open for a certain period of time, which facilitated the loading and unleading of goods.

ESCALATOR

LG TECH escalator applies the advanced technology, design concept for manufacture in the world. It features as smooth running, low noise, durable, convenient repair etc. It grants you to appreciate the outstanding charm and deluxe manner of modern buildings by fine and exquisite structure, consummate elevator path, delicate belt, deluxe and attractive outline. It provides the passengers with a bright, comfortable, brand-new feeling.

Attraction of precision structure

High strength metal structure constructs precision sizes. Super consciousness aesthetics design perfectly combines with the building.

Attraction of effective safety

It installs trouble display. It can accurately analyze the running condition and displays it in the screen. It thus ensures the prompt and effective maintenance.

Attraction of high-tech induction

Automatic start / stop device is near floor plate. It is installed with automatic induction sensor. When the passenger gets close to it, it automatically induces, tests and operates. It automatically stops when the passenger leaves.



MOVING WALK

LG TECH moving walk can not only meet the transportation problem of large flow of people, and can meet walking long distances and transport strollers, wheel-chairs, shopping cart, baggage car and other vehicles, giving smooth and conve-nient travel on various occasions.

Extremely strong conveying capacities

Moving walk has extremely strong conveying capacity. It can satisfy the traffic requirements of modern people in various aspects. It is applicable for the airport, shopping center, hotel, recreation center etc.

Its unique and innovative design has minimum requirements to the space. Its firm structure is strong enough for any kind of load. At the same time of conveying regional shopping centers and public transport station, it saves every piece of precious space. It is fully considered for the requirements of modern city traffic.

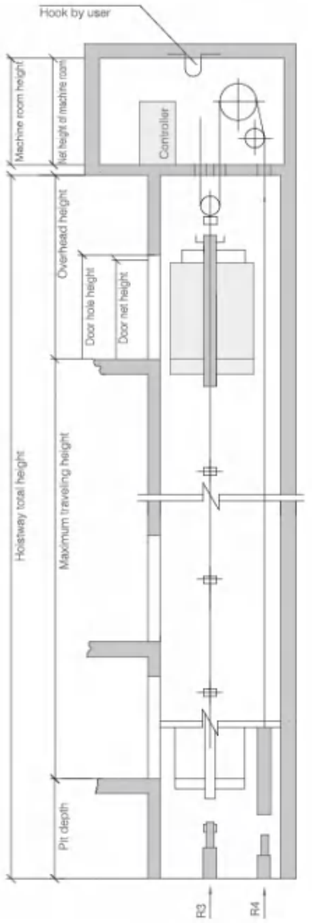
0~12° angle of inclination can be freely chosen according to different use and environment in the building.



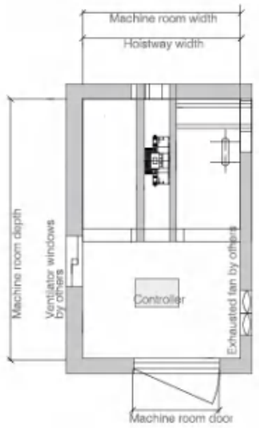


SMALL MACHINEROOM PASSENGER ELEVATOR CONSTRUCTION SKETCH

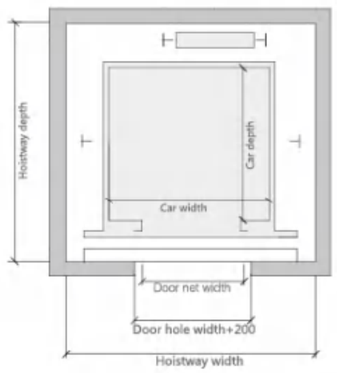
Hoistway vertical section



Machine room plan layout



Hoistway plane layout

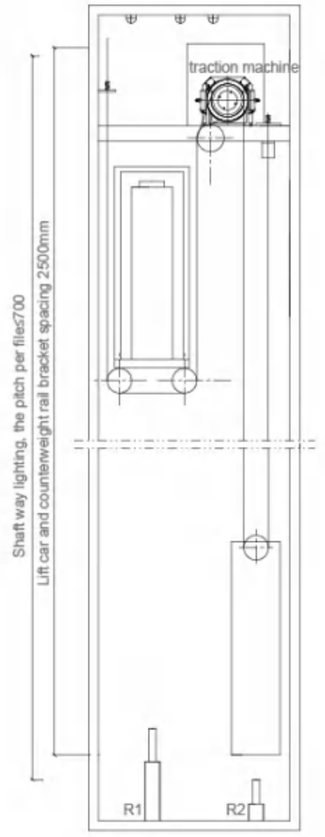


Load(kg)	Speed (m/s)	Hoistway size(mm)	Machine room size(mm)	Car dimension(mm)	Door-opening size(mm)	Overhead height (OH)	Pit depth (PP)	Maximum lifting height (m)
		XxY	SxT	Inner size AxB	Door net opening			
630	1.0	2000x1800	2000x3500	1400x1100	800	4500	1500	105
	1.75					4700	1700	
	2.0					4900	2000	
800	1.0	2000x2000	2000x3800	1400x1350	800	4500	1500	105
	1.75					4700	1700	
	2.0					4900	2000	
1000	1.0	2200x2100	2200x4000	1600x1400	900	4500	1500	105
	1.75					4700	1700	
	2.0					4900	2000	
1250	1.0	2400x2300	2400x4100	1800x1550	1100	4500	1500	105
	1.75					4700	1700	
	2.0					4900	2000	
1600	1.0	2600x2450	2600x4500	1950x1700	1100	4500	1500	105
	1.75					4700	1700	
	2.0					4900	2000	

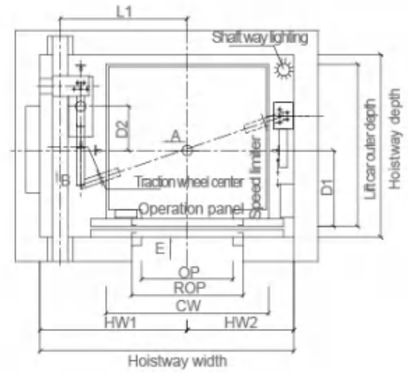
Not: Only for reference, final manufacture please follow contract.

MACHINE ROOMLESS PASSENGER ELEVATOR CONSTRUCTION SKETCH

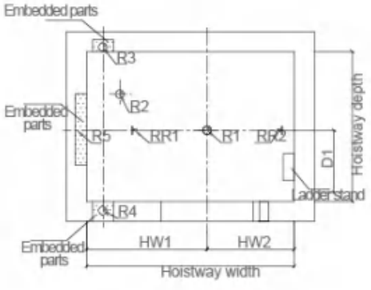
Hoistway vertical section



Shaft way plan



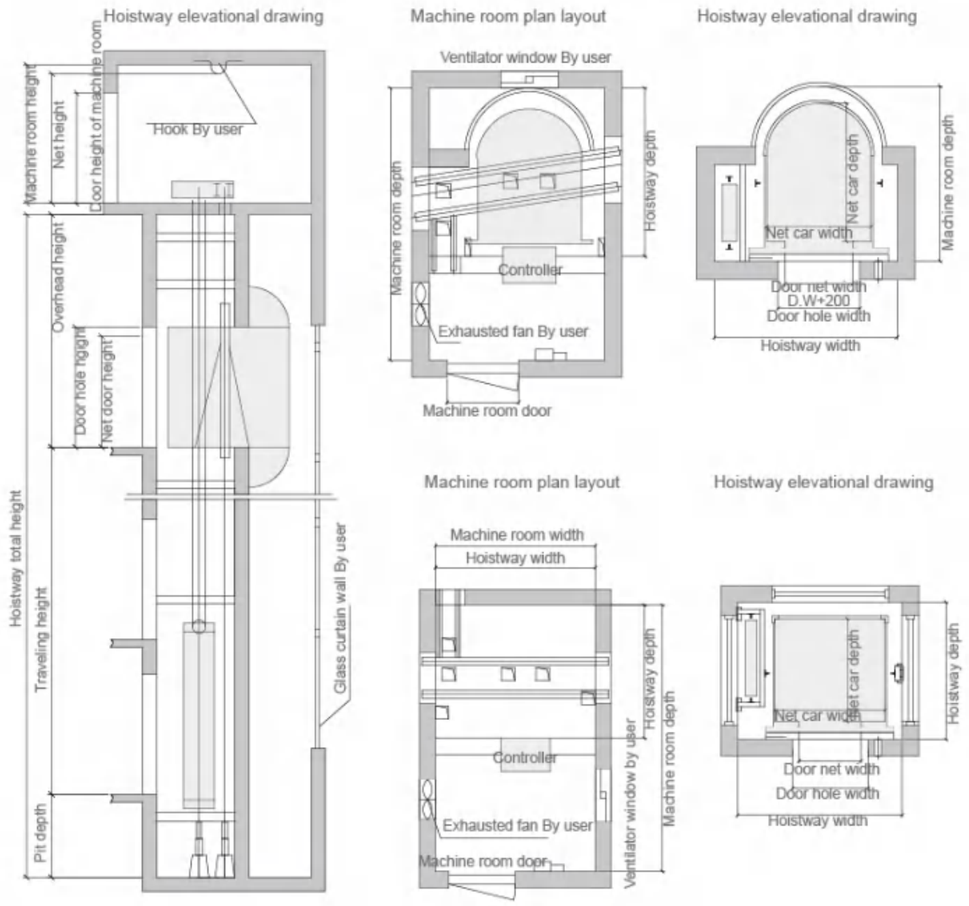
Shaft way plan



Load(kg)	Speed (m/s)	Car outside dimension (mm)	Door opening size (mm)	Hoistway size (mm)	Pit depth (PP) (mm)	Overhead height (OH)	Other positioning dimension (mm)			Pit reaction (mm)		Top load bearing capacity (KN)			Maximum number of floors	Maximum lifting height (m)
							D1	D2	L1	R1	R2	R3	R4	R5		
630	1.0	1100*1600	700*2100	2000*1800	1600	4000	855	435	800	68	56	40	37	10	16	50
	1.5				1700	4200									24	75
	1.75				1700	4200									32	90
800	1.0	1400*1600	800*2100	2300*1800	1600	4000	855	435	950	84	68	50	45	14	16	50
	1.5				1700	4200									24	75
	1.75				1700	4200									32	90
1000	1.0	1600*1600	900*2100	2500*1800	1600	4000	855	435	1050	100	80	60	53	18	16	50
	1.5				1700	4200									24	75
	1.75				1700	4200									32	90
1150	1.0	1600*1800	900*2100	2500*2000	1600	4000	955	435	1050	132	108	77	73	16.8	16	50
	1.5				1700	4200									24	75
	1.75				1700	4200									32	90
1350	1.0	1700*2000	1100*2100	2750*2300	1600	4000	1055	595	1100	140	112	81	76	17.5	16	50
	1.5				1700	4200									24	75
	1.75				1700	4200									32	90
1600	1.0	1900*2000	1100*2300	2900*2300	1600	4000	1055	595	1200	156	126	91	84	9.3	16	50
	1.5				1700	4200									24	75
	1.75				1700	4200									32	90

Not: Only for reference, final manufacture please follow contract.

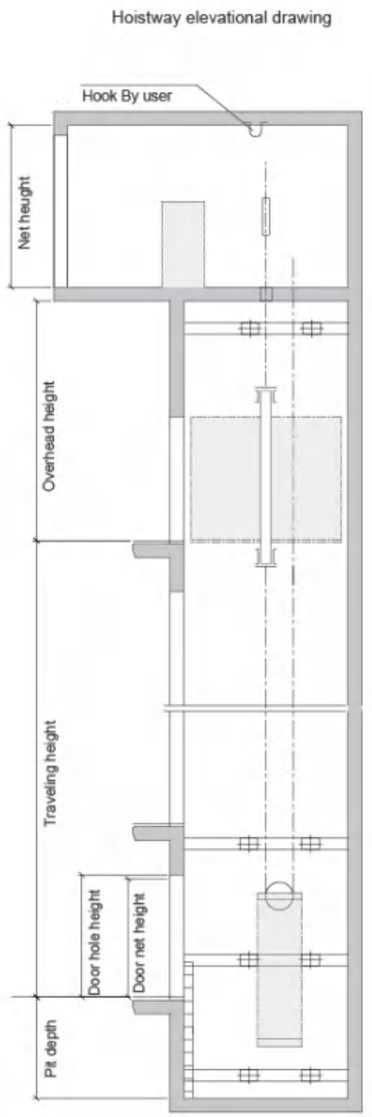
OBSERVATION ELEVATOR CONSTRUCTION SKETCH

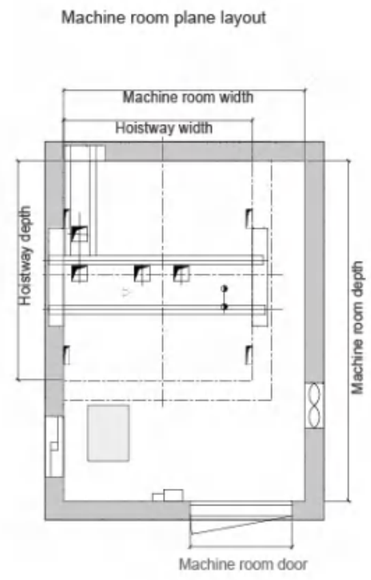


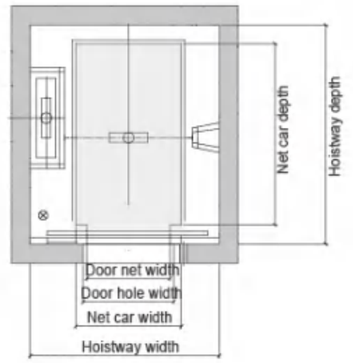
Load(kg)	Speed (m/s)	Car dimension(mm)			Door-opening size(mm)	Hoistway size(mm)			Machine room size(mm)			Overhead height (OH)	Pit depth (PP)
		Inner size AxB			Door net oppning	XxY			SxT				
		Square	Round	Diamond		Square	Round	Diamond	Square	Round	Diamond		
630	1.0	1400x1100	1300x1700	1300x1700	800	2200x1700	2150x2250	2150x2250	2200x4000	2150x4000	2150x4000	4800	1700
	1.5											4900	1800
	1.75											5000	1900
	2.0											5100	2000
800	1.0	1400x1350	1300x1700	1300x1700	800	2200x1800	2350x2250	2350x2250	2200x4000	2350x4000	2350x4000	4800	1700
	1.5											4900	1800
	1.75											5000	1900
	2.0											5100	2000
1000	1.0	1600x1500	1400x1850	1400x1850	900	2400x2000	2450x2350	2450x2350	2400x4000	2450x4000	2450x4000	4800	1700
	1.5											4900	1800
	1.75											5000	1900
	2.0											5100	2000
1250	1.0	1800x1550	1400x2150	1400x2150	900/1100	2600x2100	2350x2650	2350x2650	2600x4000	2350x4000	2350x4000	4800	1700
	1.5											4900	1800
	1.75											5000	1900
	2.0											5100	2000
1600	1.0	1950x1700	1500x2300	1500x2300	1000/1100	2750x2200	2500x2850	2500x2850	2750x4000	2500x4000	2500x4000	4800	1700
	1.5											4900	1800
	1.75											5000	1900
	2.0											5100	2000

Not: Only for reference, final manufacture please follow contract.

HOSPITAL ELEVATOR CONSTRUCTION SKETCH





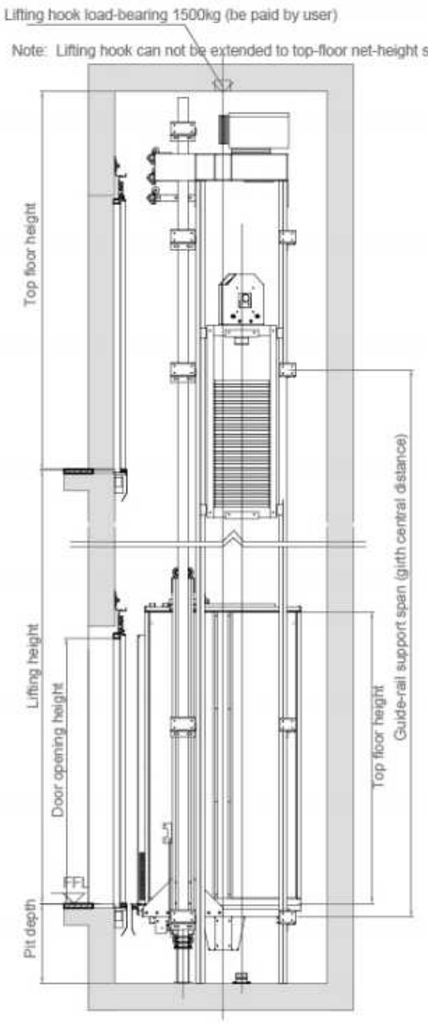


Load (kg)	Speed (m/s)	Car size Inner size	Door-open size		Hoistway size X x Y	Room size AW x AH x HM	Overhead height (OH)	Pit depth (PP)
			Door net oppning	Net door height				
1600	1.0	1400 x 2400	1000	2100	2500 x 2900	3350 x 4500 x 2800	4500	1500
	1.75	1400 x 2400	1000	2100	2500 x 2900		4700	1700
	2.0	1400 x 2400	1000	2100	2500 x 2900		5000	2000
2000	1.0	1500 x 2500	1000	2100	2700 x 3000	3600 x 4500 x 2800	4500	1500
	1.75	1500 x 2500	1000	2100	2700 x 3000		4700	1700
	2.0	1500 x 2500	1000	2100	2700 x 3000		5000	2000

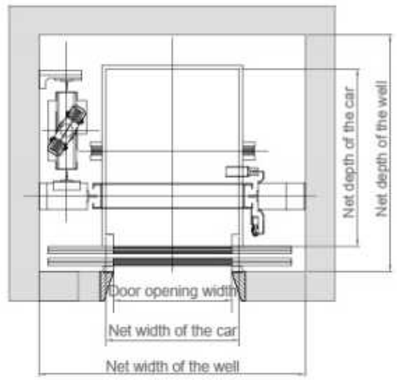
Not: Only for reference, final manufacture please follow contract.

HOME ELEVATOR CONSTRUCTION SKETCH

Hoistway elevational drawing



Hoistway plane layout

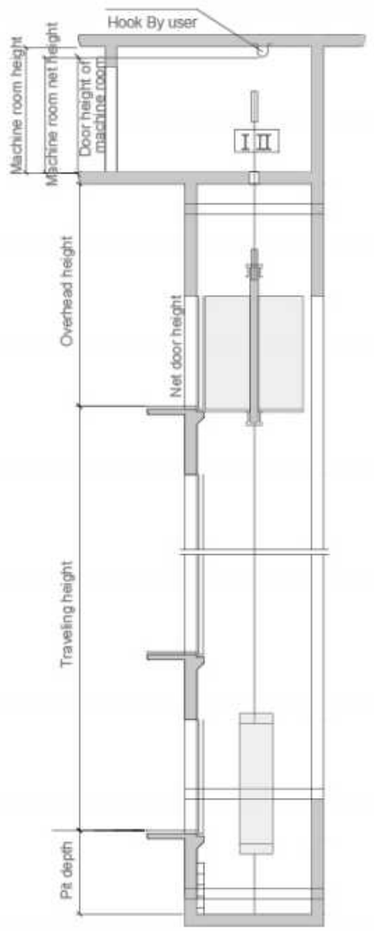


Load KG	Passenger NO.	Speed m/s	Car specification CWxCD	Door opening size JJxOPH	Well size HWxHD	Pit depth Pit	Top floor height OH	Power	Door opening mode
320	4	0.4~1.0	900×1150	800x2000	1800×1500	500	3100-4200	0.9	Center opening
400	5		900×1200		1800×1600			1.1	
320	4		900×1150		1600×1500			0.9	Side opening
400	5		900×1200		1600×1600			1.1	

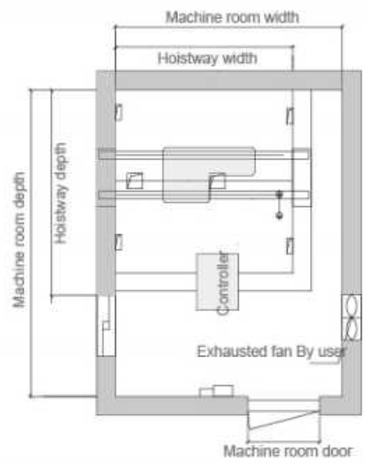
Not: Only for reference, final manufacture please follow contract.

FREIGHT ELEVATOR CONSTRUCTION SKETCH

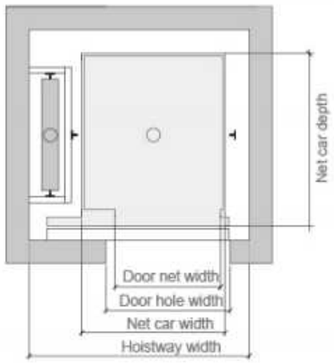
Hoistway elevational drawing



Machine room plane layout



Hoistway plane layout

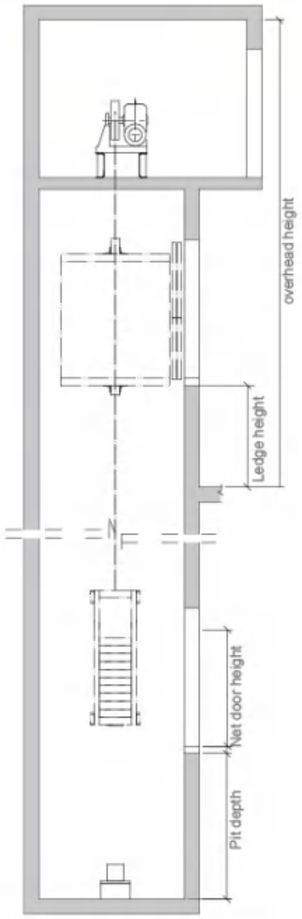


Load (kg)	Speed (m/s)	Car size	Door-open size		Hoistwaysize	Machine room size	Overhead height (OH)	Pit depth (PP)
		Inner size	Door net oppning	Net door height	XxY	SxT		
1000	0.5	1430x1670	1100	2100	2300x2200	3000x3000	4500	1500
2000	0.5	1930x2170	1500	2100	2850x2700	3500x4000	4500	1500
3000	0.5	2000x2900	1600	2100	3450x3400	4000x4500	4600	1500
5000	0.5	2400x3600	2400	2400	4000x4300	4500x5000	5000	1600

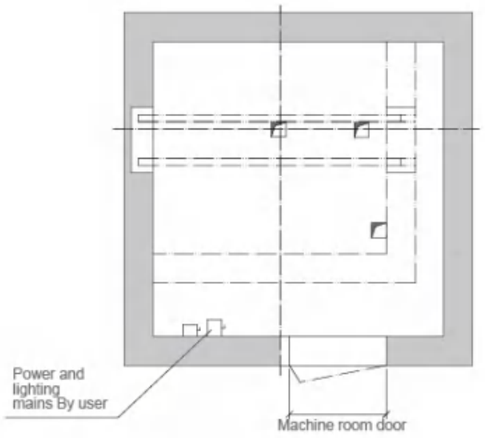
Not: Only for reference, final manufacture please follow contract.

DUMBWAITER ELEVATOR CONSTRUCTION SKETCH

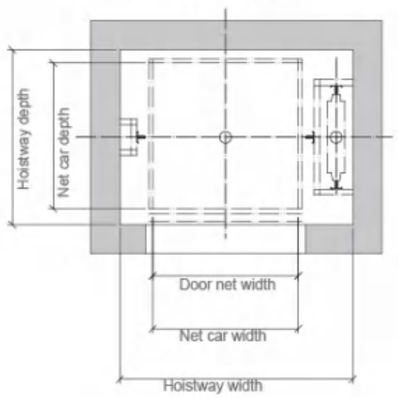
Hoistway elevational drawing



Machine room plane layout



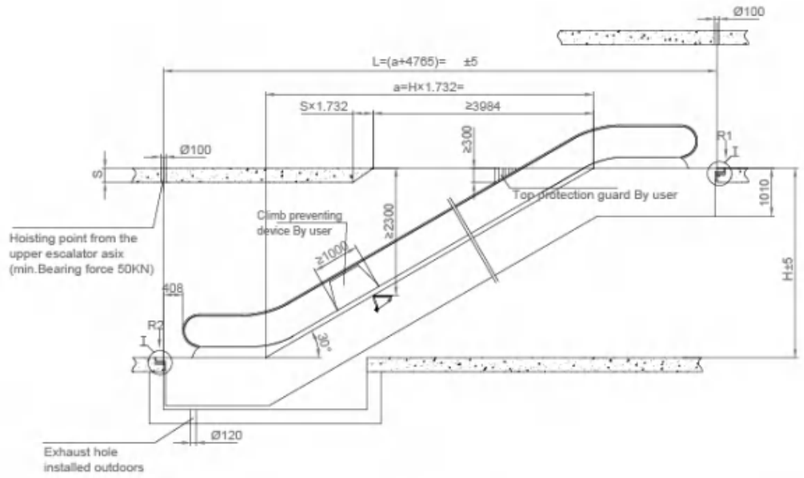
Hoistway plane layout

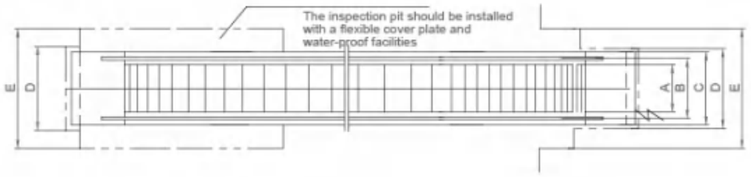


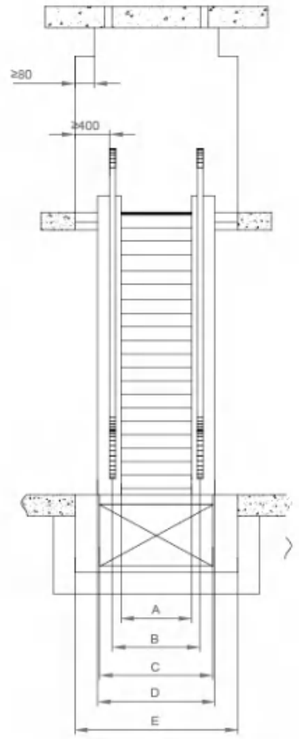
Load (kg)	Speed (m/s)	Car size	Door-open size		Hoistwaysize	Overhead height (OH)	Pit depth (PP)
		Inner size	Door net oppning	Net door height	XxY		
100	0.4	700x725	700	800	1250x900	3700	750
200	0.4	950x975	950	1000	1500x1150	3800	750
250	0.4	1000x1000	1000	1200	1550x1200	4000	750
300	0.4	1000x1000	1000	1200	1550x1200	4000	750

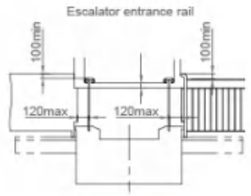
Not: Only for reference, final manufacture please follow contract.

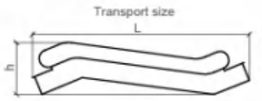
30° ESCALATOR CONSTRUCTION SKETCH





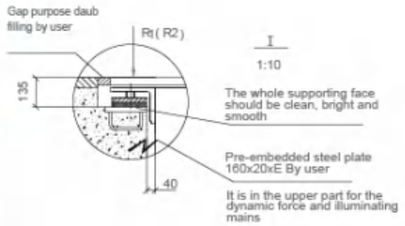






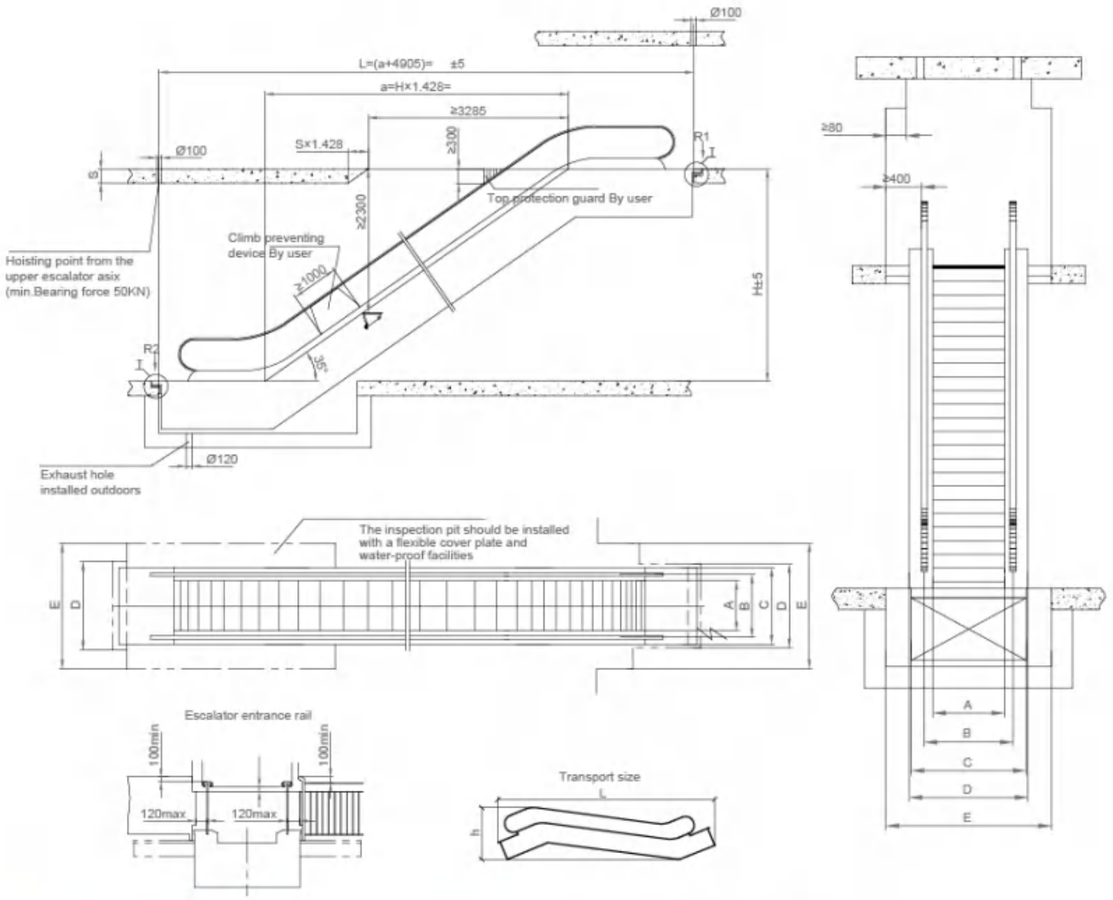
Model	Travelling height(mm)	Netheight KN	Supporting		Motor power	Transport size	
			R1 KN	R2 KN		h	L
SC(600) -30(4500p/h) Speed 0.5m/s	3000	57	46	41	8	2750	10900
	3500	60	49	44		2780	11890
	4000	64	52	47		2810	12880
	4500	68	56	50		2830	13870
	5000	71	59	53		2840	14860
	5500	75	62	56		2860	15860
	6000	79	65	59		2870	16860
SC(800) -30(6750p/h) Speed 0.5m/s	3000	59	52	47	8	2750	10900
	3500	63	56	50		2780	11890
	4000	67	60	54		2810	12880
	4500	71	64	57		2830	13870
	5000	74	68	60	11	2840	14860
	5500	82	74	66		2860	15860
	6000	86	78	69		2870	16860
SC(1000) -30(9000p/h) Speed 0.5m/s	3000	63	59	53	8	2750	10900
	3500	67	64	57		2780	11890
	4000	71	68	61		2810	12880
	4500	75	73	65		2830	13870
	5000	83	79	71	11	2840	14860
	5500	87	84	75		2860	15860
	6000	92	88	79		2870	16860

Not: Only for reference, final manufacture please follow contract.

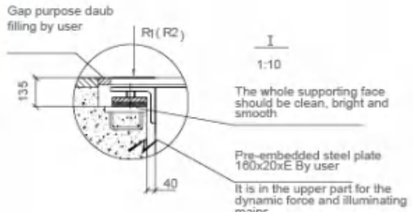


Step width	A	B	C	D	E	F
1000	1000	1158	1238	1600	1660	2310
800	800	958	1038	1400	1460	2110
600	600	758	838	1200	1260	1910

35° ESCALATOR CONSTRUCTION SKETCH

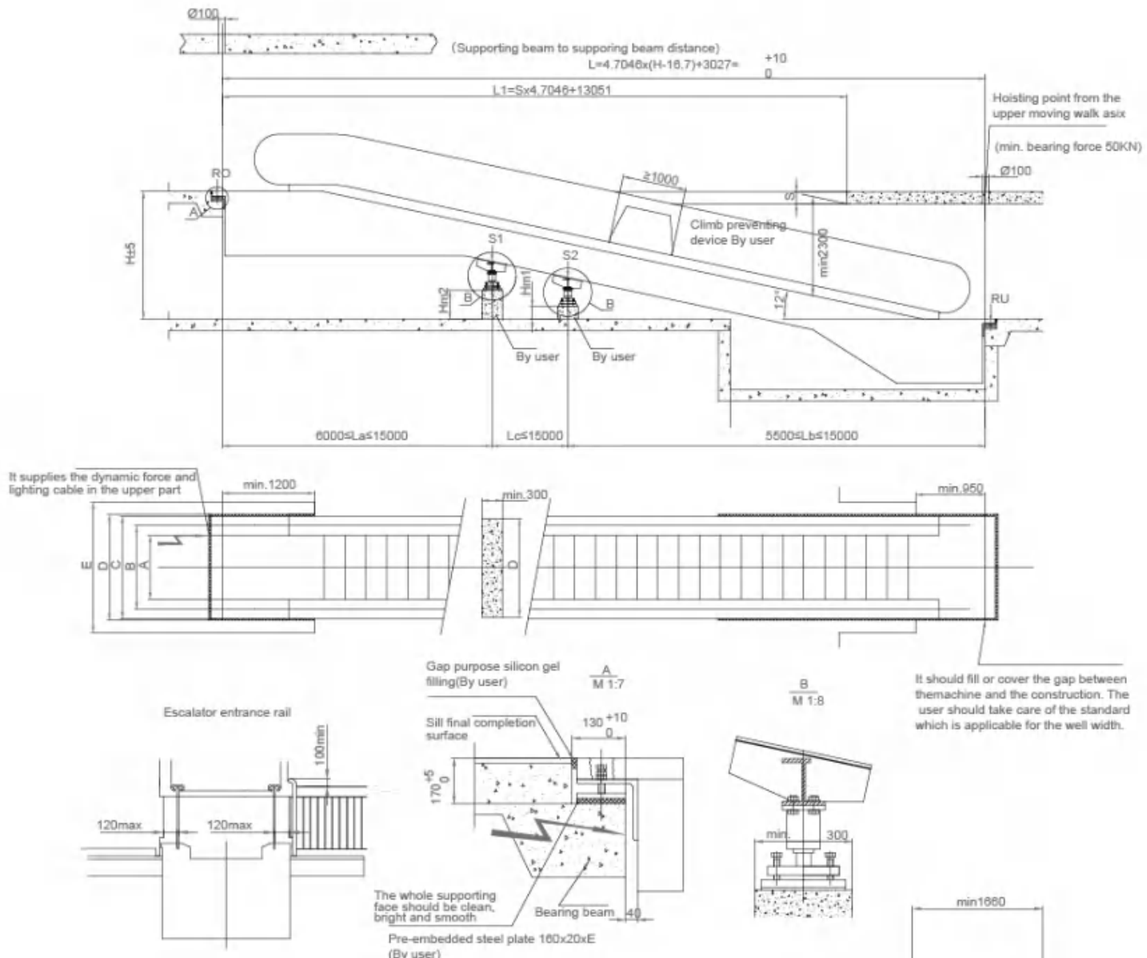


Model	Travelling height(mm)	Netheight KN	Supporting R1 KN	Supporting R2 KN	Motor power	Transport size h	Transport size L
(600) -35(4500p/h) Speed 0.5m/s	3000	54	43	39	8	2850	10180
	3500	57	46	41		2890	11030
	4000	60	59	44		2920	11890
	4500	64	52	46		2940	12750
	5000	67	54	49		2970	13610
	5500	70	57	51		2980	14470
	6000	73	60	54		3000	15330
(800) -35(6750p/h) Speed 0.5m/s	3000	56	49	44	8	2850	10180
	3500	60	52	47		2890	11030
	4000	63	56	50		2920	11890
	4500	66	59	53		2940	12750
	5000	70	62	56	11	2970	13610
	5500	73	65	59		2980	14470
	6000	76	69	61		3000	15330
(1000) -35(9000p/h) Speed 0.5m/s	3000	60	56	30	8	2850	10180
	3500	64	60	53		2890	11030
	4000	67	64	57		2920	11890
	4500	71	67	60		2940	12750
	5000	74	71	64	11	2970	13610
	5500	82	77	69		2980	14470
	6000	85	81	72		3000	15330



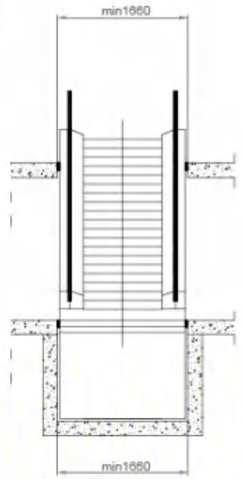
Step width	A	B	C	D	E	F
1000	1000	1158	1238	1600	1660	2310
800	800	958	1038	1400	1460	2110
600	600	758	838	1200	1260	1910

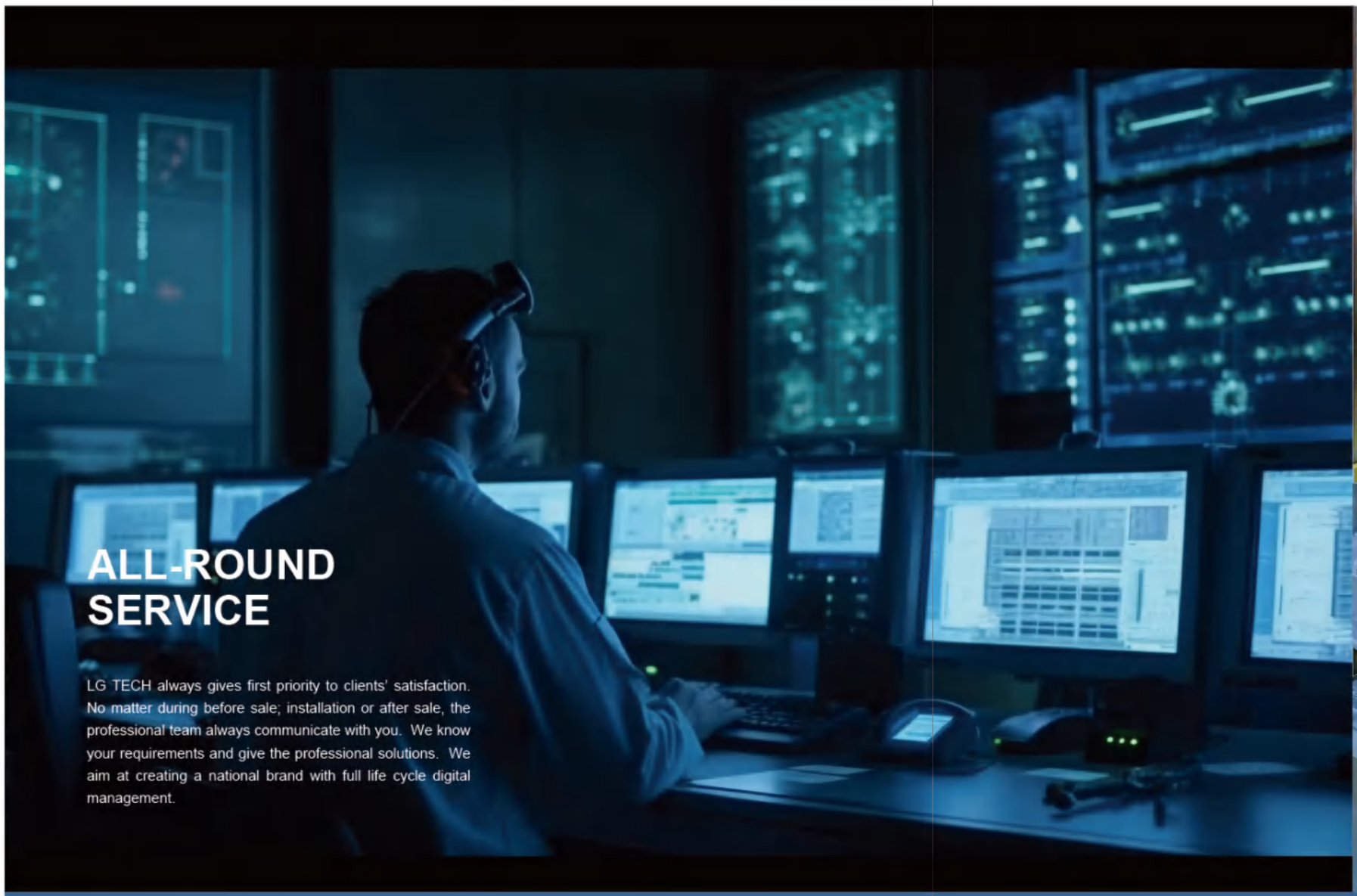
12° MOVING WALK CONSTRUCTION SKETCH



The construction supporting force includes the vibration load		
No intermediate supporting	One intermediate supporting	2 intermediate supporting
Ro=0.0045XL+13	Ro=0.0045XLa+13	Ro=0.0045XLa+13
	Ru=0.0045XLb+7	Ru=0.0045XLb+7
Ru=0.0045XL+7	S1=0.00585X(La+Lb)	S1=0.00585X(La+Lc)
		S2=0.00585X(Lb+Lc)

Traveling height	In termediate supporting		La	Lb	Lc
To	S1	S2	(mm)	(mm)	(mm)
2663	-	-	-	-	-
4151	1	-	L-7000	7000	-
5851	1	-	15000	L-15000	-
6000	1	1	15000	7000	L-22000





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Supply a full set of exclusively custom-made elevator solution plans

We offer full-time monitor & supervision services

To ensure each step goes well and smoothly till the end

We provide escalator installation/ debugging service

To guarantee the safety, reliability for product smooth and comfortable travelling

24-hour free call service online

We keep our hotline unimpeded You can be rest assured in using our products all the time

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