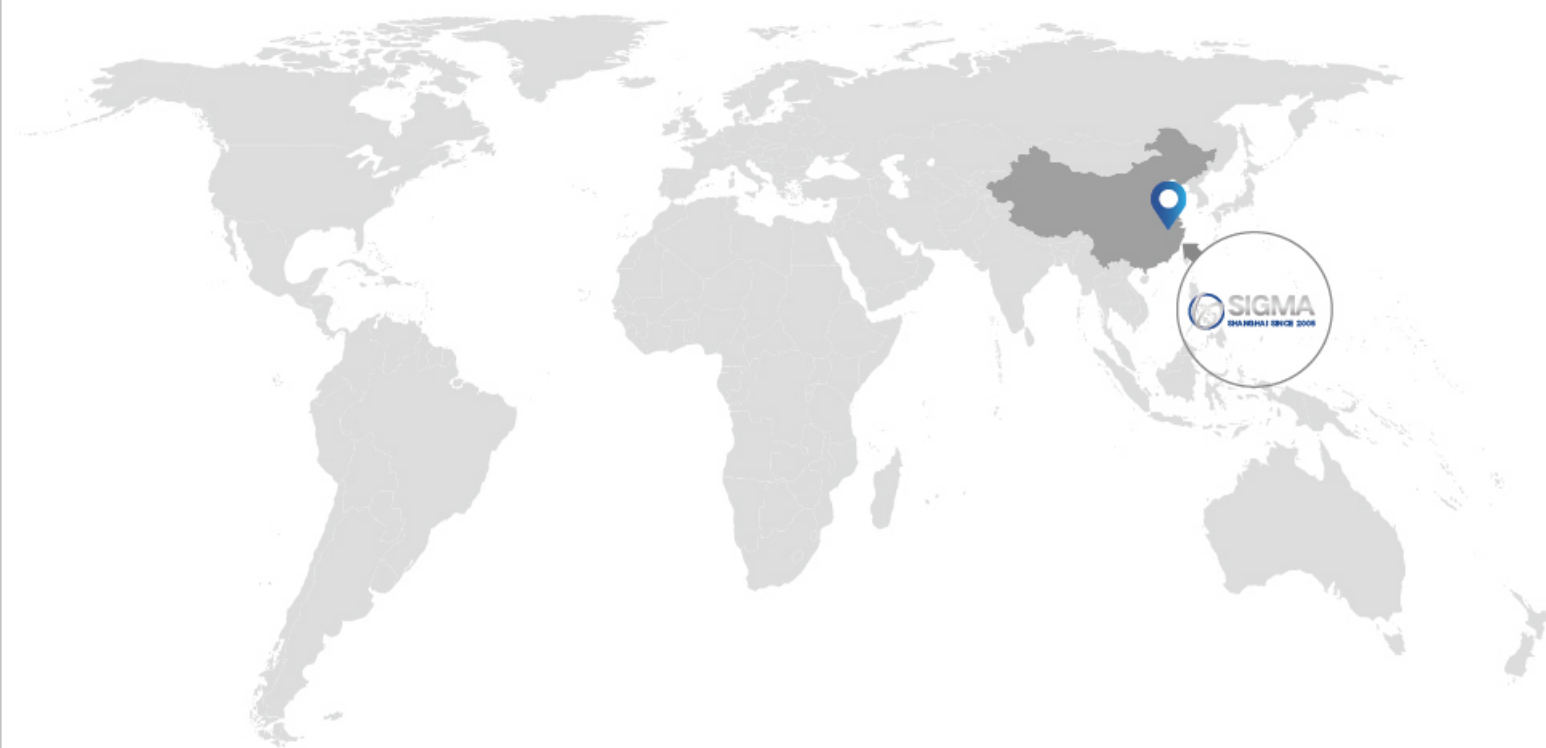


# SIGMA ELEVATOR

Leading Technology  
Craftsman's Commitment



## SIGMA ELEVATOR SHANGHAI CO., LTD.

ADD: NO.399, YUODONG ROAD, WUJIANG AREA, SUZHOU CITY,  
JIANGSU PROVINCE, CHINA

WEB: [www.sigmashanghaiift.com](http://www.sigmashanghaiift.com)

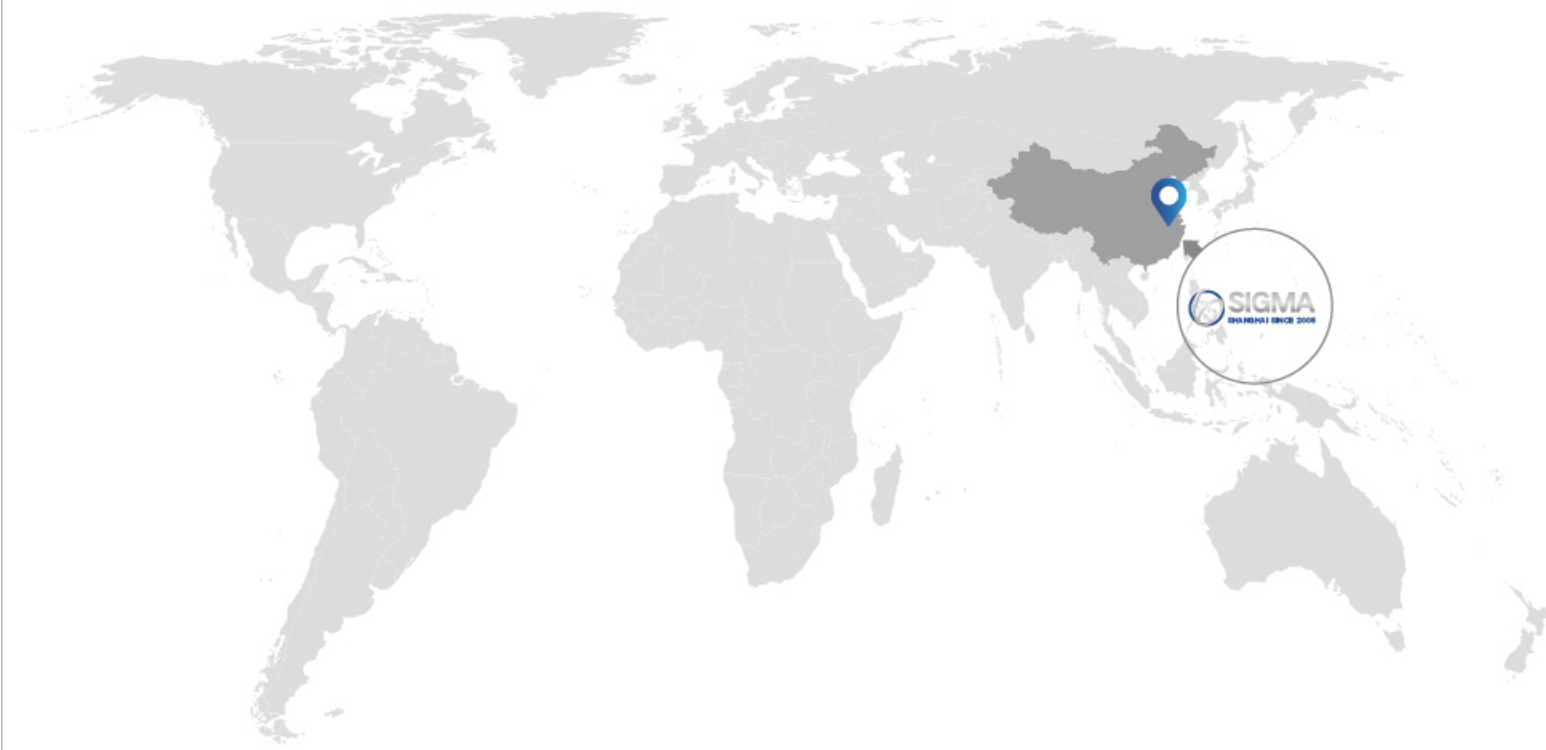
E-MAIL: [jiangyizhou@sigmashanghaiift.com](mailto:jiangyizhou@sigmashanghaiift.com)

2023 Edition



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2023 Edition

國際傳真 441825 1 8669047066



## COMPANY PROFILE

SIGMA Elevator Shanghai Co, LTD specializes in researching into, developing, manufacturing, seiling various elevator parts. Located in Shanghai Podong Area. It is noticeable geographical advantages and transport facilities.

SIGMA Shanghai owns the complete production quipment, the leading manufacture craft & technology with the advanced configuration, complete quailty supervision system. Meanwhile, it owns the seniorelevator parts research and development specialists and teams in China. Main products are Mitsubishi Doormachine and landing door hanger, Selcon doormachine and landing door hanger, cabin, shaft parts and so on. It adheres to quality first principle. It strictly accords with ISO9000 Quality System requirements in its operation. At the same time, it follows OTIS Q+Quality System Standard. It ensures that every ex-factory product is fine in quality. It wins great satisfaction from vast clients.

SIGMA Shanghai will, as always, continuously and wholeheartedly serve elevator manufacturers by high standard, superior quality and excellent services. Lets creat great splendors.





## EXTREME RIGOR GERMAN QUALITY

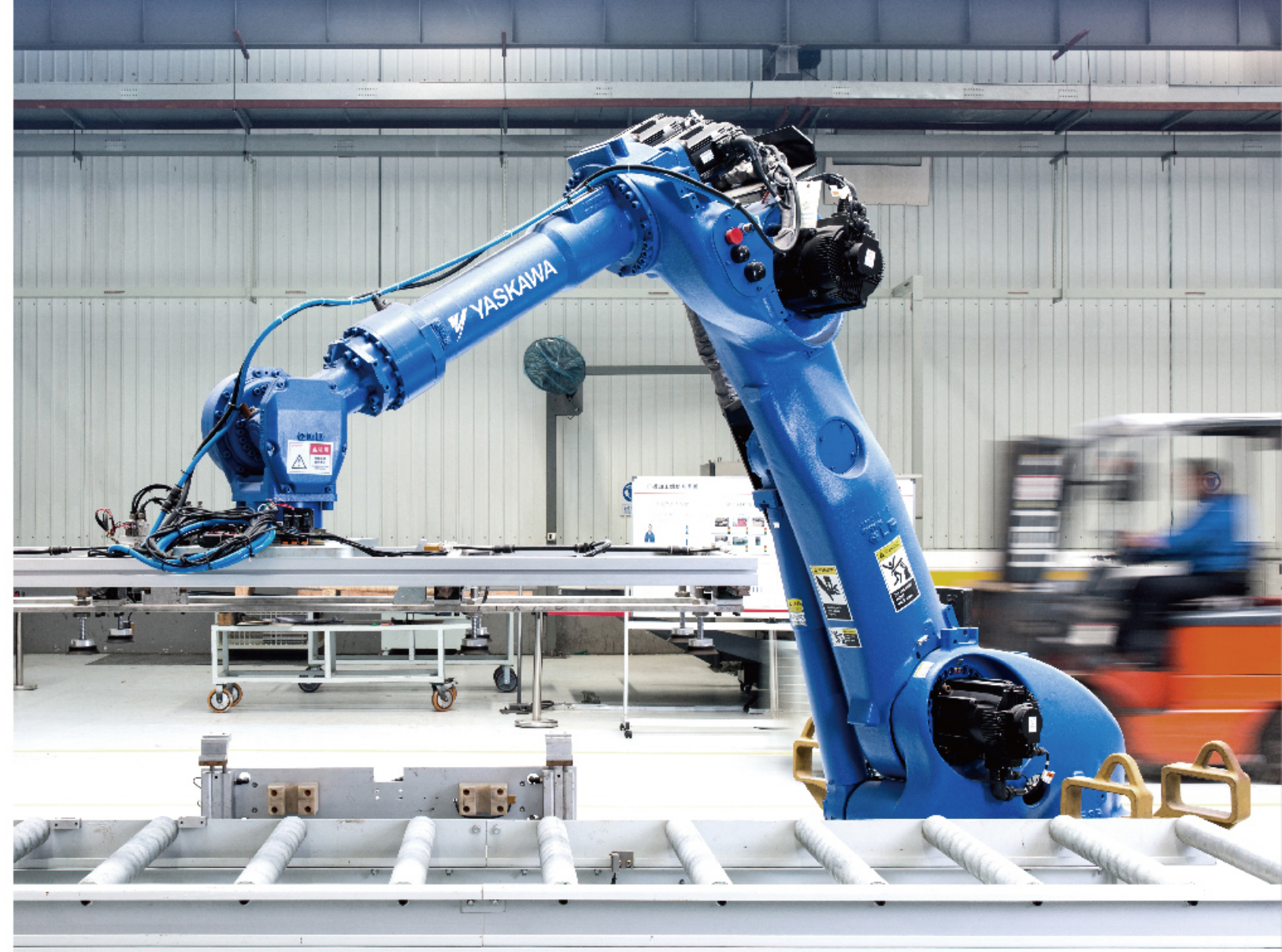
Relying on Germany's leading edge in technology, SIGMA continuously introduces world-class advanced production equipment and production lines with the process automation of "machine replacement" as its development core. We always adhere to strict quality control management system, unify safety standards and service quality, and take it as an important measure to ensure passenger safety and improve service value.



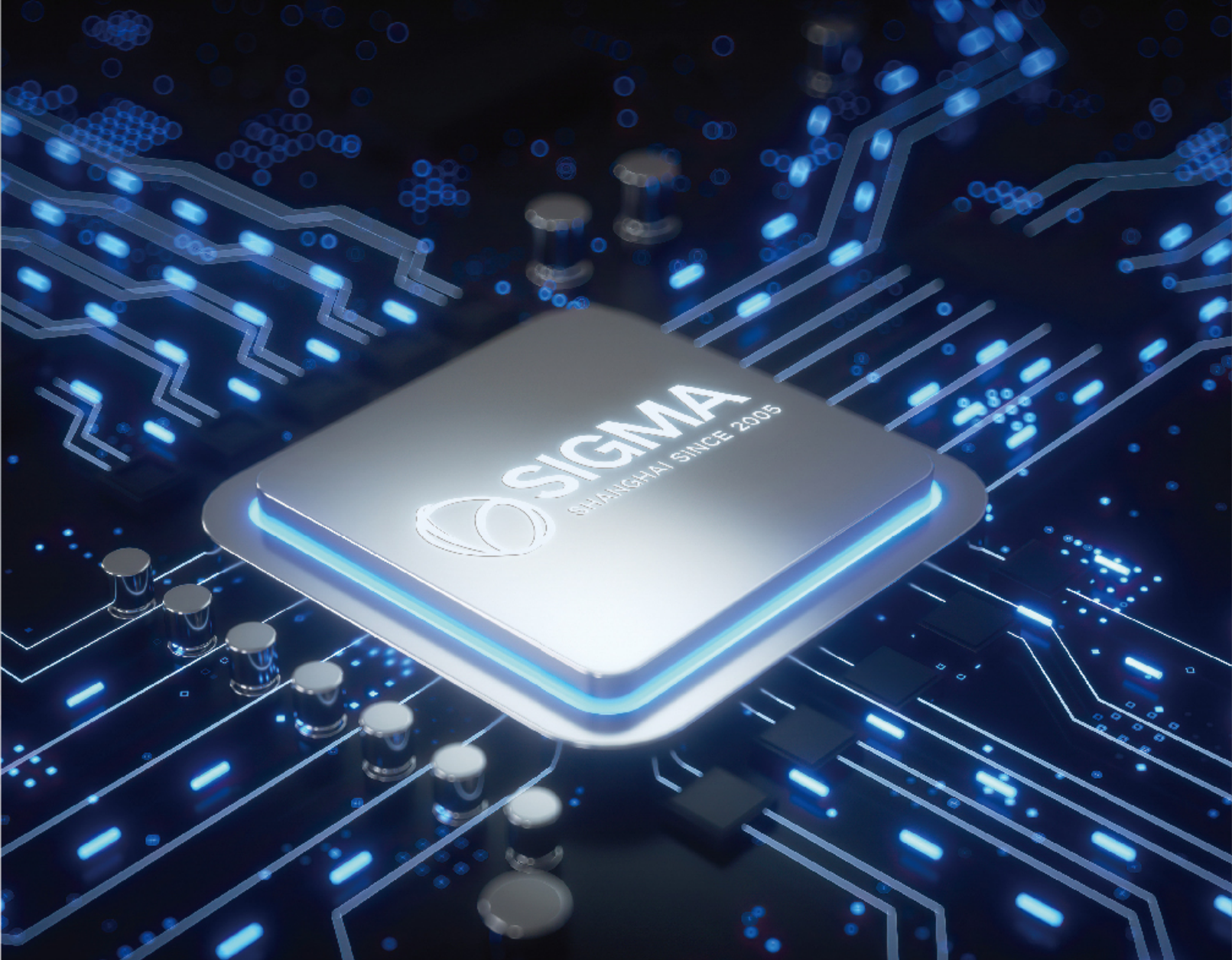
**Strict selection**  
World's excellent  
accessories



**Specialization**  
Production management  
manufacturing







## CONTROL SYSTEM

### Fully computerized integrated intellectual control system

It fully shows human-centered intelligence through top grade fully computerized, modular data intellectual network control variable frequency speed governor elevator technology of SIGMA elevator. It brings about the more perfect and flexible systematic functions. It executes the most secure, accurate, effective supervision control to elevator operation. Special-purpose modular structure is more convenient for lift renewal and update in future under the conditions of unchanging the complement.

### Control cabinet

It applies VVVF system (variable frequency speed governor) for motor drag. It ensures the continuously adjustable elevator speed. It thus guarantees the cozy and nice travel. As it applies variable frequency technology, it enhances the efficiency of elevator operation and saves the energy.



### Top-class door machine system

It applies the advanced VVVF variable voltage, variable frequency control technology to elevator door machine system. It thus ensures the smooth opening / closing. It also increases the sensitive opening / closing. It can automatically regulate the most proper opening / closing speed at each floor. It warrants the safe and reliable elevator running.



### Permanent magnet synchronous gearless traction machine

It can save over 40% of energy, it needs no grease renewal without oil pollution, which brings peacefulness and refreshment.





# 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, save building space, expand the utilization rate of building space, and make the building elegant and beautiful.



It saves the building area and enhances the design freedom.



Machine room is only extension of well. It needs no other space.



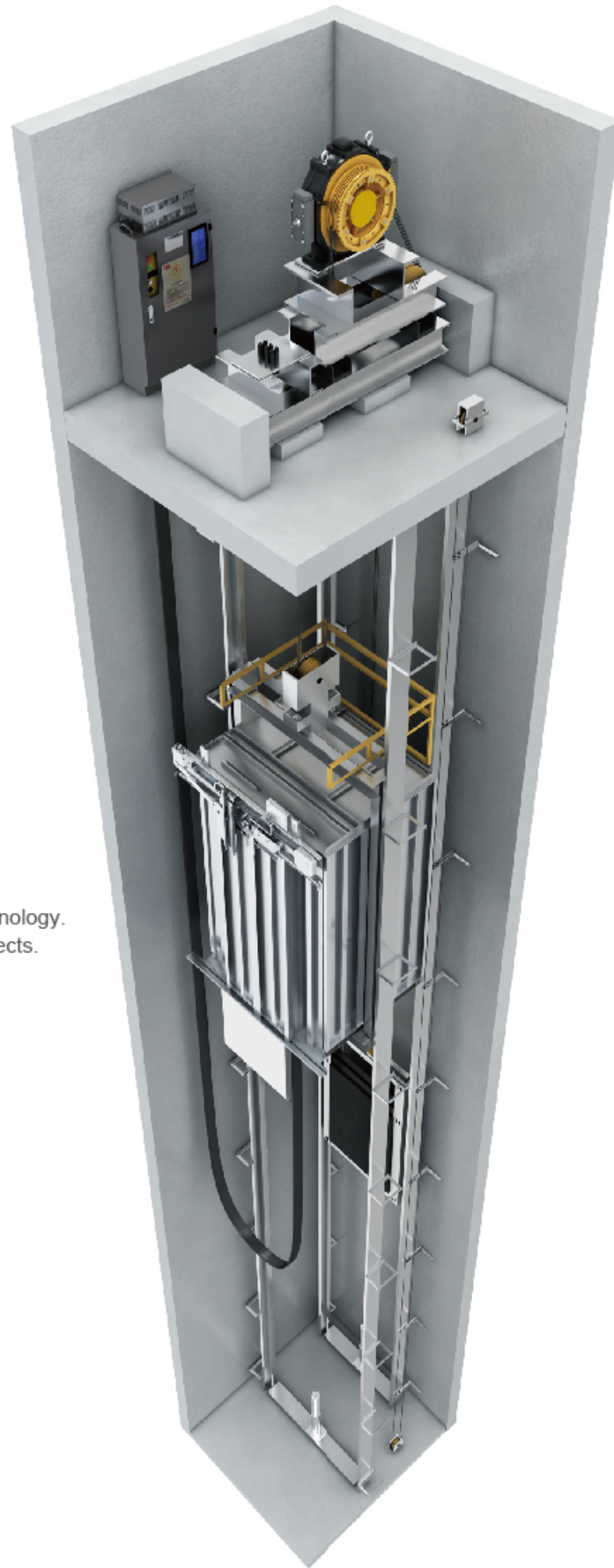
It applies the advanced energy-saving technology. It can fulfill about 30% of energy-saving effects.

## Products cover

Load: 630~1600kg  
Speed: 1.0m/s-4.0m/s

## Products configuration

Machine: GETM  
Control: Dual 32-bit full digital control  
Door: PM  
Door protection: Light curtain



# MACHINE ROOMLESS PASSENGER ELEVATOR

SIGMA machine roomless elevator series resolves the restriction to the elevator in the construction, building cost, building design style, use range. At the same time of saving the space and cost, 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;



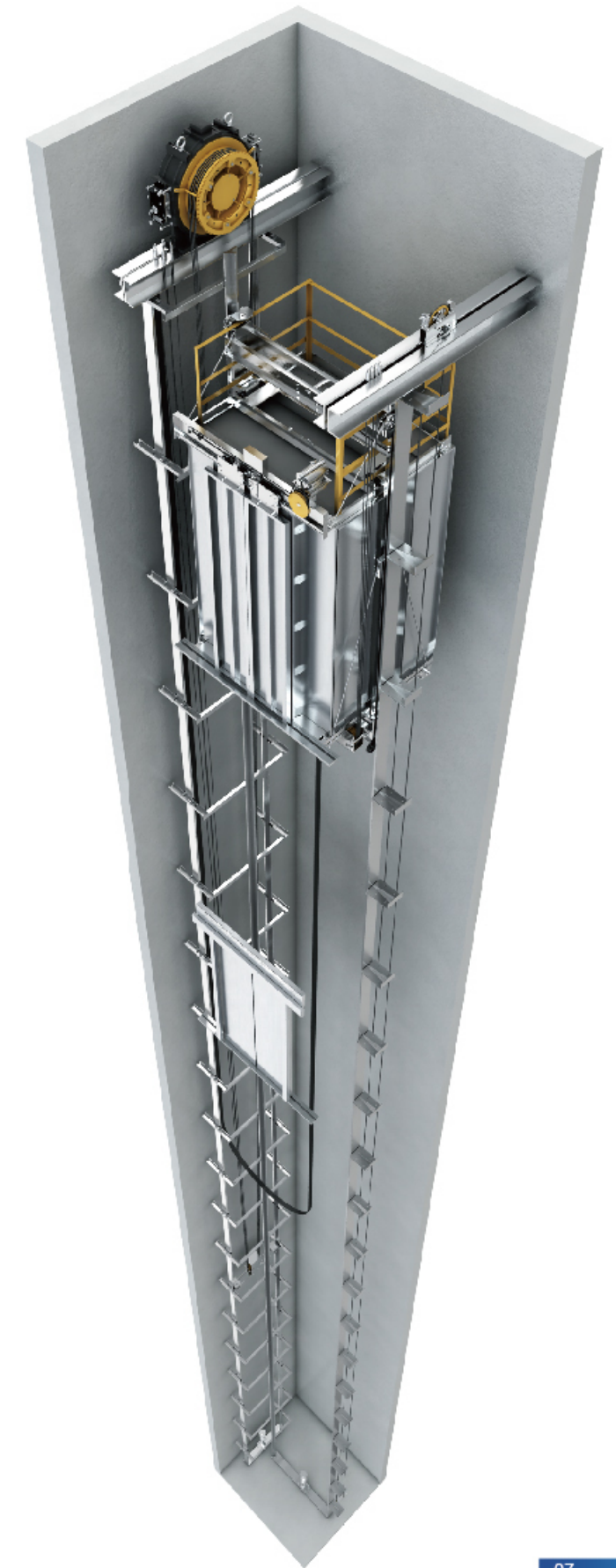
Machine room-less design brings about a freer and more relaxing building design.

## Products cover

Load: 630~1600kg  
Speed: 1.0m/s-4.0m/s

## Products configuration

Machine: GETM  
Control: Dual 32-bit full digital control  
Door: PM  
Door protection: Light curtain





# PASSENGER ELEVATOR CAR DECORATION



○ SGM-K001

Ceiling: Hairline stainless steel, acrylic arch, LED lighting  
Car wall: Hairline stainless steel  
Handrail: Opition  
Floor: PVC / Marble



○ SGM-K002

Ceiling: Mirror stainless steel, acrylic lighting decoration, LED downlight  
Car wall: Hairline stainless steel, mirror etched stainless steel  
Handrail: Opition  
Floor: PVC / Marble



○ SGM-K005

Ceiling: Mirror frame, acrylic light, downlight  
Car wall: Mirror etched  
Handrail: Opition  
Floor: PVC / Marble



○ SGM-K006

Ceiling: Mirror, acrylic light  
Car wall: Mirror etched  
Handrail: Opition  
Floor: PVC / Marble



○ SGM-K003

Ceiling: Hairline stainless steel, acrylic lighting, LED lighting  
Car wall: Hairline stainless steel, three-wall center mirror etched  
Handrail: Opition  
Floor: PVC / Marble



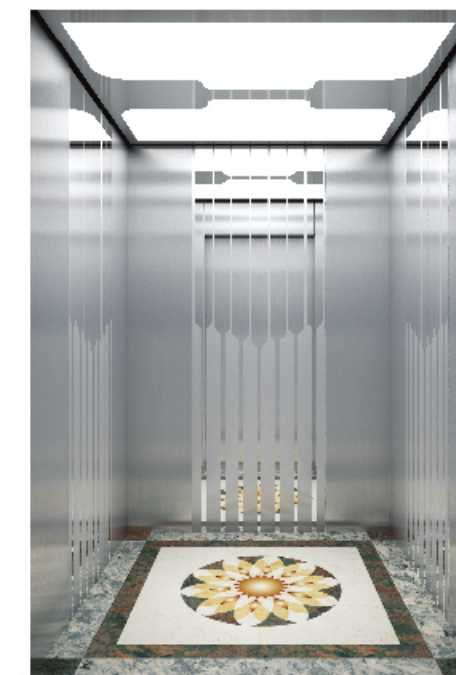
○ SGM-K004

Ceiling: Mirror, acrylic light  
Car wall: Mirror etched  
Handrail: Opition  
Floor: PVC / Marble



○ SGM-K007

Ceiling: Mirror frame, acrylic light  
Car wall: Mirror etched  
Handrail: Opition  
Floor: PVC / Marble



○ SGM-K008

Ceiling: Mirror stainless steel with acrylic transparent plate  
Car wall: Mirror etched stainless steel, hairline stainless steel  
Handrail: Opition  
Floor: PVC / Marble



# PASSENGER ELEVATOR CAR DECORATION



○ SGM-K009

Ceiling: Mirror, acrylic light  
Car wall: Mirror etched  
Handrail: Option  
Floor: PVC / Marble



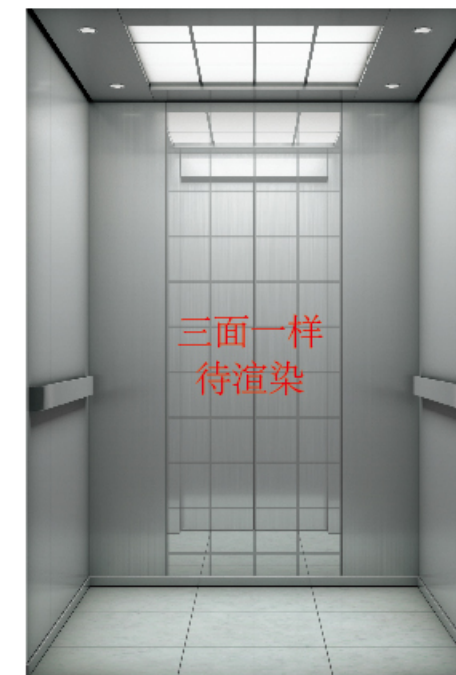
○ SGM-K010

Ceiling: Mirror, acrylic light  
Car wall: Mirror etched  
Handrail: Option  
Floor: PVC / Marble



○ SGM-K013

Ceiling: Mirror, acrylic light  
Car wall: Mirror etched  
Handrail: Option  
Floor: PVC / Marble



○ SGM-K014

Ceiling: Mirror frame, acrylic light  
Car wall: Mirror etched  
Handrail: Option  
Floor: PVC / Marble



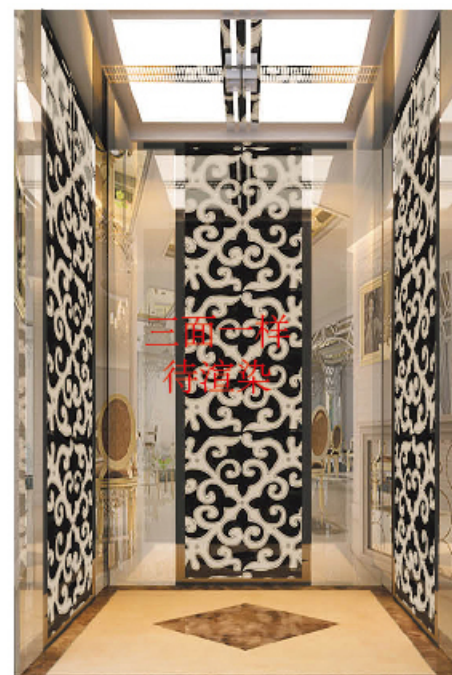
○ SGM-K011

Ceiling: Hairline stainless steel, acrylic light-emitting panel  
Car wall: Hairline stainless steel, mirror etching stainless steel  
Handrail: Option  
Floor: PVC / Marble



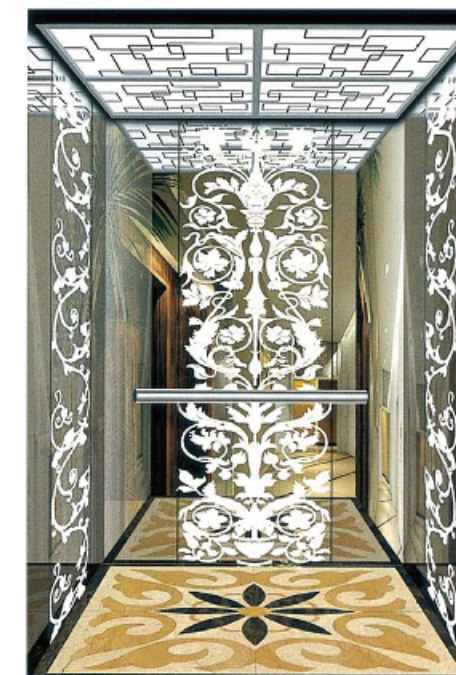
○ SGM-K012

Ceiling: Long hairline stainless steel, acrylic light-emitting panel  
Car wall: Long hairline stainless steel, long hairline stainless steel fillet, mirror stainless steel  
Handrail: Option  
Floor: PVC / Marble



○ SGM-K015

Ceiling: Mirror, acrylic light  
Car wall: Mirror etched  
Handrail: Option  
Floor: PVC / Marble



○ SGM-K016

Ceiling: Mirror frame, acrylic light  
Car wall: Mirror etched  
Handrail: Option  
Floor: PVC / Marble



# PASSENGER ELEVATOR CAR DECORATION



○ SGM-K017

Ceiling: Titanium gold mirror stainless steel, acrylic arch, LED downlight  
Car wall: Titanium gold mirror etched stainless steel  
Handrail: Opition  
Floor: PVC / Marble



○ SGM-K018

Ceiling: Titanium gold mirror stainless steel, acrylic arch, LED downlight  
Car wall: Titanium gold hairline stainless steel, titanium gold mirror etched stainless steel  
Handrail: Opition  
Floor: PVC / Marble



○ SGM-K021

Ceiling: Golden mirror frame, downlights  
Car wall: Golden mirror etched  
Handrail: Opition  
Floor: PVC / Marble



○ SGM-K022

Ceiling: Golden mirror frame, downlights  
Car wall: Golden mirror etched  
Handrail: Opition  
Floor: PVC / Marble



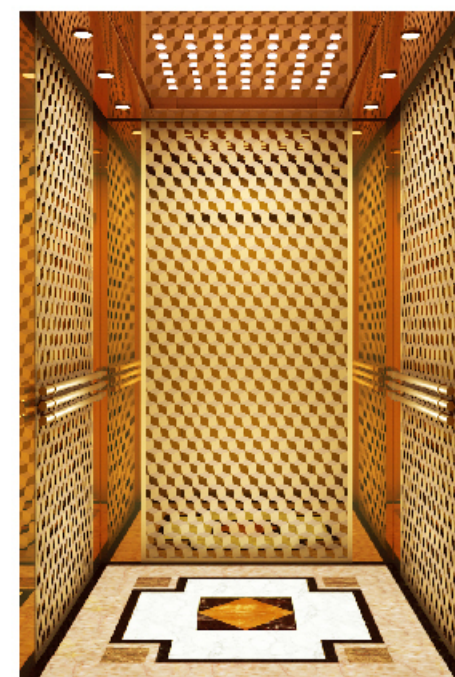
○ SGM-K019

Ceiling: Titanium gold mirror stainless steel, acrylic lighting decoration, LED downlight  
Car wall: Titanium gold mirror stainless steel, titanium gold mirror etched stainless steel  
Handrail: Opition  
Floor: PVC / Marble



○ SGM-K020

Ceiling: Titanium gold mirror stainless steel, acrylic light-emitting panel, LED downlight  
Car wall: Titanium gold mirror stainless steel, titanium gold mirror etching stainless steel  
Handrail: Opition  
Floor: PVC / Marble



○ SGM-K023

Ceiling: Golden mirror frame, downlights  
Car wall: Golden mirror etched  
Handrail: Opition  
Floor: PVC / Marble



○ SGM-K024

Ceiling: Golden mirror frame, downlights  
Car wall: Golden mirror etched  
Handrail: Opition  
Floor: PVC / Marble



# PASSENGER ELEVATOR CAR DECORATION



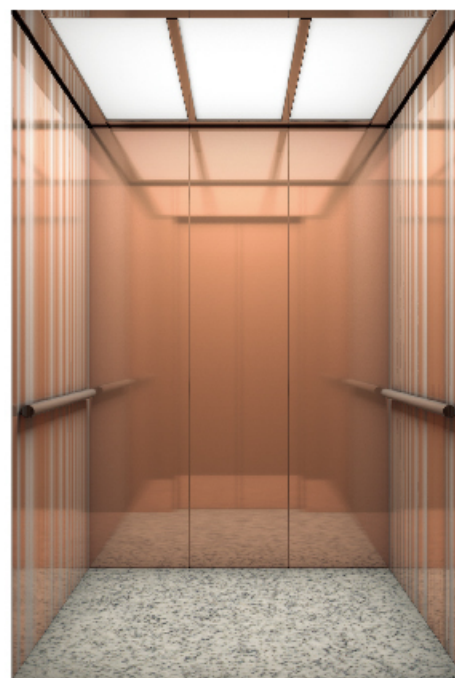
○ SGM-K025

Ceiling: Mirror stainless steel, acrylic lighting decoration, LED downlight  
 Car wall: Hairline stainless steel, titanium gold etched stainless steel  
 Handrail: Option  
 Floor: PVC / Marble



○ SGM-K026

Ceiling: Champagne gold mirror stainless steel, acrylic light-emitting panel, LED downlight  
 Car wall: Champagne gold hairline stainless steel, champagne gold mirror etched stainless steel  
 Handrail: Option  
 Floor: PVC / Marble



○ SGM-K029

Ceiling: Rose gold mirror stainless steel with soft lighting design  
 Car wall: Rose gold mirror stainless steel, rose gold mirror etching stainless steel  
 Handrail: Rose gold mirror stainless steel round handrail  
 Floor: PVC / Marble



○ SGM-K030

Ceiling: Rose gold mirror stainless steel, acrylic light-emitting panel, LED lighting  
 Car wall: Rose gold mirror etched stainless steel, rose gold hairline stainless steel  
 Floor: PVC / Marble



○ SGM-K027

Ceiling: Champagne gold mirror stainless steel, hidden light band, LED lighting  
 Car wall: Coated steel plate, champagne gold mirror etched stainless steel  
 Handrail: Option  
 Floor: PVC / Marble



○ SGM-K028

Ceiling: Coated steel plate, acrylic light-emitting panel, LED lighting  
 Car wall: Coated steel plate, mirror etched stainless steel  
 Handrail: Option  
 Floor: PVC / Marble



○ SGM-K031

Ceiling: Rose golden mirror frame, acrylic light, downlights  
 Car wall: Rose golden mirror etched stainless steel  
 Handrail: Option  
 Floor: PVC / Marble



○ SGM-K032

Ceiling: Rose golden mirror frame, acrylic light, downlights  
 Car wall: Rose golden mirror etched stainless steel  
 Handrail: Option  
 Floor: PVC / Marble



# PASSENGER ELEVATOR CAR DECORATION



○ SGM-K033

Ceiling: Acrylic light  
Car wall: Make-up steel plate, bronze hairline stainless steel  
Handrail: Opition  
Floor: PVC / Marble



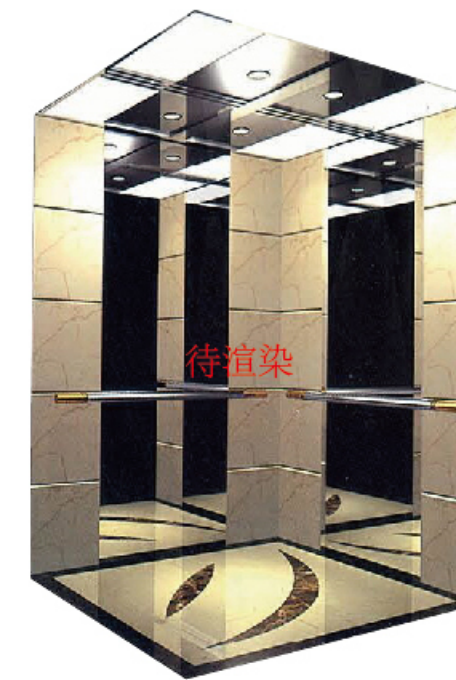
○ SGM-K034

Ceiling: Make-up steel plate, hidden tape lights, LED downlight  
Car wall: Rose gold mirror etched stainless steel, real wood, leather and mosaic  
Handrail: Real wood  
Floor: PVC / Marble



○ SGM-K037

Ceiling: Wooden frame, acrylic light  
Car wall: Mirror, wooden panel  
Handrail: Opition  
Floor: PVC / Marble



○ SGM-K038

Ceiling: Mirror panel, acrylic light, downlight  
Car wall: Mirror, wooden panel  
Handrail: Opition  
Floor: PVC / Marble



○ SGM-K035

Ceiling: Mirror stainless steel frame with champagne gold, acrylic decoration, LED downlight  
Car wall: Mirror etched stainless steel finish with champagne gold  
Floor: PVC / Marble



○ SGM-K036

Ceiling: Bronze baked enamel steel plate, mirror stainless steel, LED downlight  
Car wall: Titanium gold mirror stainless steel, rock board veneer, wood veneer  
Floor: PVC / Marble



○ SGM-K039

Ceiling: Art light, mirror stainless steel, acrylic light decoration  
Car wall: Mirror stainless steel, wood veneer, mirror stainless steel kickplate  
Handrail: None  
Floor: PVC / Marble



○ SGM-K040

Ceiling: Mirror stainless steel, acrylic lighting  
Car wall: Black titanium mirror stainless steel, wood veneer  
Handrail: Black titanium flat handrail  
Floor: PVC / Marble



# PASSENGER ELEVATOR CAR DECORATION



待渲染

○ SGM-K041

Ceiling: Black mirror, downlights  
Car wall: Make-up steel plate, hairline stainless steel  
Handrail: Option  
Floor: PVC / Marble



待渲染

○ SGM-K042

Ceiling: Black mirror frame, acrylic light, downlights  
Car wall: Black mirror etched, marbel  
Handrail: Option  
Floor: PVC / Marble



○ SGM-K045

Ceiling: Black titanium stainless steel, hidden light band, LED downlight  
Car wall: Rock board veneer, black titanium mirror stainless steel  
Handrail: Stainless steel flat handrail  
Floor: PVC / Marble



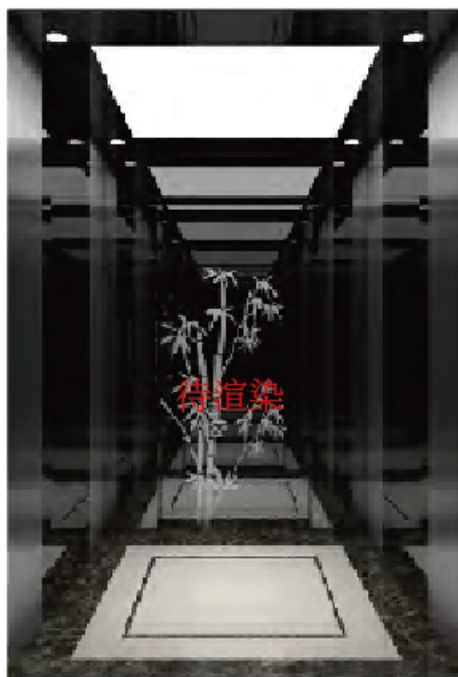
○ SGM-K046

Ceiling: Black titanium mirror stainless steel, acrylic light-emitting panel, LED downlight  
Car wall: Hairline stainless steel, black titanium mirror etched stainless steel  
Handrail: Black titanium stainless steel round handrail  
Floor: PVC / Marble



○ SGM-K043

Ceiling: Black mirror frame, acrylic light, downlights  
Car wall: Black mirror etched  
Handrail: Option  
Floor: PVC / Marble



待渲染

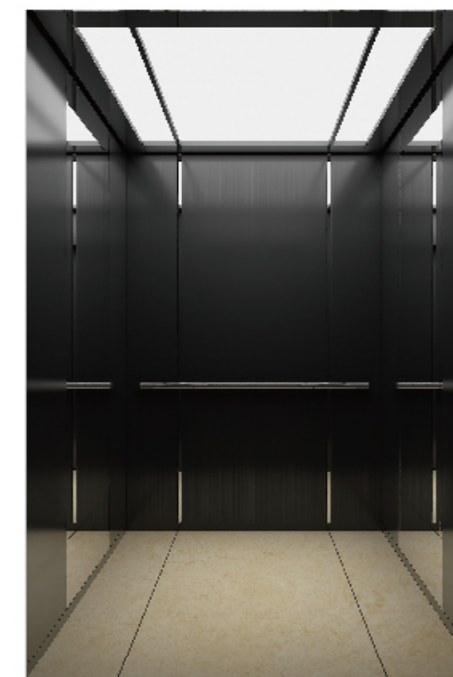
○ SGM-K044

Ceiling: Black mirror frame, acrylic light, downlights  
Car wall: Black mirror etched  
Handrail: Option  
Floor: PVC / Marble



○ SGM-K047

Ceiling: Black titanium hairline stainless steel, LED straight light, LED lighting  
Car wall: Black titanium hairline stainless steel, black titanium mirror stainless steel, LED straight light  
Floor: PVC / Marble



○ SGM-K048

Ceiling: Black titanium mirror stainless steel, acrylic light-emitting panel  
Car wall: Mirror stainless steel, black titanium hairline stainless steel  
Handrail: Stainless steel round handrail  
Floor: PVC / Marble



# OBSERVATION ELEVATOR

## It initiates upon a popular elevator space

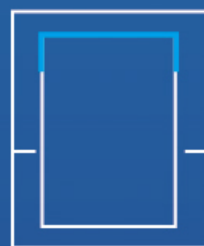
SIGMA observation elevator absorbs superb requirements from overseas elevators. It safely, smoothly and popularly creates a perfect and unprecedented experience. It provides the cities with fresh up / down enjoyment. It is applicable for different occasions such as hotel, large-size shopping center, commercial building and so on.

## Fine, exquisite & splendid

It perfectly displays compact and attractive overall space. It can be designed according to different construction layout. It is prompt and convenient. Round, half-round, square etc. are available for your free selection.



Semi-circular shaped



Square shaped



Cutting-angle-type



Future prospects





# OBSERVATION ELEVATOR CAR DECORATION



## ○ SGM-G001

Upper and lower cover:

Hairline stainless steel, acrylic lighting decoration

Observation wall:

Safety laminated glass

Decoration ceiling:

Mirror stainless steel, acrylic light-emitting panel

Car wall:

Hairline stainless steel

Handrail:

Stainless steel double tube

Floor:

PVC / Marble



## ○ SGM-G002

Upper and lower cover:

Titanium gold hairline stainless steel, LED lighting

Observation wall:

Safety laminated glass

Decoration ceiling:

Titanium gold mirror stainless steel, gold foil veneer on the top LED lighting

Car wall:

Titanium gold mirror stainless steel, safety laminated

Handrail:

Titanium gold stainless steel floor-type handrail

Floor:

PVC / Marble



## ○ SGM-G003

Upper and lower cover:

Steel plate baked enamel , acrylic lighting decoration

Observation wall:

Safety laminated glass

Decoration ceiling:

Multi-ply reflection of light panel is supplemented with four-side waist light-emitting holes , lighting design of organic light pole , soft 3D light

Car wall:

Safety laminated glass

Handrail:

Stainless steel single tube

Floor:

PVC / Marble



## ○ SGM-G004

Upper and lower cover:

Acrylic hemispheric cover

Observation wall:

Safety laminated glass

Decoration ceiling:

Steel plate baked enamel frame , acrylic lighting decoration

Car wall:

Hairline stainless steel

Handrail:

Stainless steel floor-type handrail

Floor:

PVC / Marble



## ○ SGM-G005

Upper and lower cover:

Titanium gold hairline stainless steel, LED lighting

Observation wall:

Safety laminated glass

Decoration ceiling:

Wooden frame, gold foil veneer on the top, LED lighting, return light belt around

Car wall:

Titanium gold mirror etched stainless steel, coated steel plate, safety laminated glass

Handrail:

Titanium gold stainless steel floor-type handrail

Floor:

PVC / Marble



## ○ SGM-006

Upper and lower cover:

Steel plate baked enamel, acrylic lighting

Observation wall:

Safety laminated glass

Decoration ceiling:

Mirror stainless steel, acrylic transparent plate, LED lighting

Car wall:

Hairline stainless steel, safety laminated glass

Handrail:

Stainless steel single tube

Floor:

PVC / Marble





## HOSPITAL ELEVATOR

### Equal transport, harmonious space

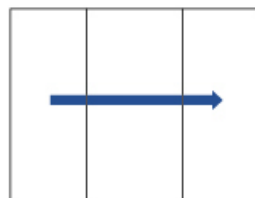
Human-centered installation height is convenient for the disabled to freely enter into / exit from the elevator. Embedded installation saves the car space. It avoids any collision injury. High-recognition braille buttons are convenient to use by the amblyope. Furthermore, optional time-delay opening / closing function can prolong the opening condition when passengers enter into / exit from the elevators.

### Anion car technology

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



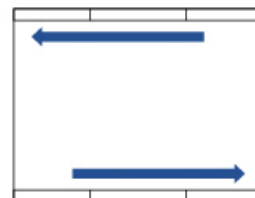
Center opening



Telescopic opening



4 panels center opening



Through opening



### SGM-Y001

Ceiling:  
Hairline stainless steel, acrylic arch,  
LED lighting

Car wall:  
Hairline stainless steel

Handrail:  
Stainless steel flat handrail

Floor:  
PVC / Marble



### SGM-Y002

Ceiling:  
Steel plate baked enamel,  
acrylic lighting

Car wall:  
Hairline stainless steel

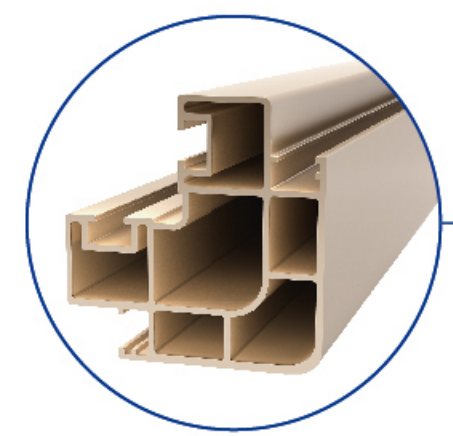
Handrail:  
Stainless steel flat handrail

Floor:  
PVC / Marble





## COLORFUL HOISTWAY DECORATION SCHEME



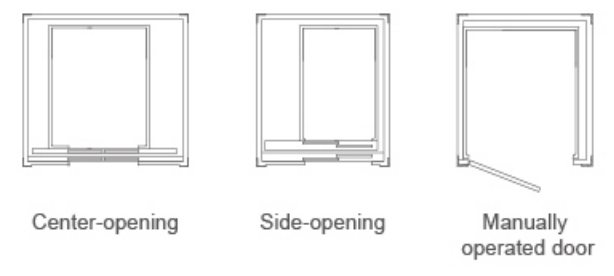
- 1** Integrated panoramic aluminum alloy frame, super-thin well frame, inner drive system, compact structure.
- 2** It has no left / right car wall. It saves over 15% of space. It enlarges the travel space. It is more comfortable inside the elevator.
- 3** It has very low requirements to top floor and pit with high utilization rate of the well. It can adapt to multiple construction layout demands.
- 4** Hand sliding door, automatic door and double-opening automatic door can be integrated.



### High grade painted Aluminum alloy frame



## VILLA ELEVATOR

SIGMA villa elevator provides you with comfortable enjoyment. Multiple comfortable experiences are small in noise and convenient in installation. It fulfills a magical and wonderful household environment for you. also the elderly, sick ,disabled home the best on the lower transport.



-  Smooth operation
-  Noise-reducing
-  Economic and attractive



# VILLA ELEVATOR CAR DECORATION

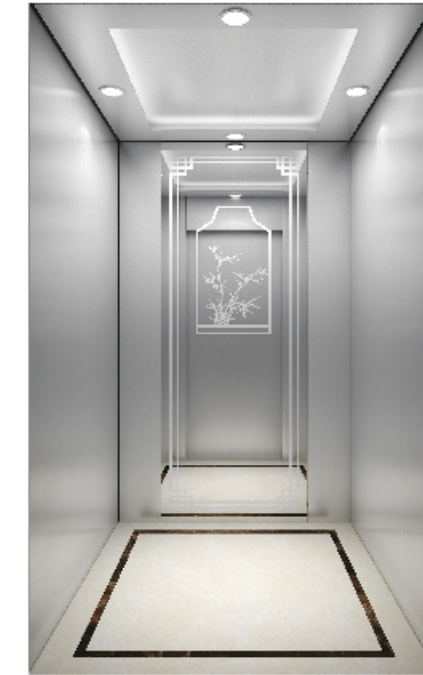
## PLATFORM VILLA ELEVATOR

- Compared with traditional elevator, it gets low installation / maintenance cost. Apart from standard steel plate well and door, optional safety anti-explosive laminated glass well and various doors are available for your free selections.
- Small and flexible space can easily merge with any buildings. It supplies a series of parts to create a top-class private elevator that suits the household environments. It features as extremely high safety and convenient installation. Under the condition of very low floor ceiling, it can offer 1.1m half-height door. It thus utilizes the top-floor space to maximum extent.



SGM-J001

Ceiling: Mirror stainless steel, acrylic lighting decoration, LED downlight  
 Car wall: Hairline stainless steel, mirror stainless steel  
 Floor: PVC / Marble



SGM-J002

Ceiling: Hairline stainless steel, hidden light band, LED lighting  
 Car wall: Hairline stainless steel, mirror etched stainless steel  
 Floor: PVC / Marble



SGM-J003

Ceiling: Champagne gold mirror stainless steel, acrylic light-emitting panel, LED downlight  
 Car wall: Champagne gold hairline stainless steel, champagne gold mirror etched stainless steel  
 Floor: PVC / Marble



SGM-J004

Ceiling: Champagne gold mirror stainless steel, starry ceiling model, acrylic lighting  
 Car wall: Champagne gold hairline stainless steel, rock board veneer with metal decorative strip  
 Floor: PVC / Marble

### Elevator-body color

Rich outlook colors are available for your free selection. It fully satisfies individual requirements from different users.



Porcelain dazzling white

Frosted gold

Dark gray



# VILLA ELEVATOR CAR DECORATION



○ SGM-J005

Ceiling: Mirror stainless steel, acrylic light-emitting panel, LED light  
 Car wall: Natural color hairline stainless steel, rose gold mirror etched stainless steel, rose gold mirror stainless steel  
 Floor: PVC / Marble



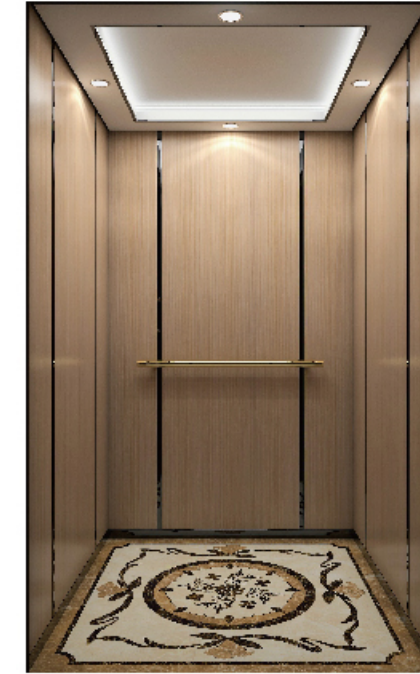
○ SGM-J006

Ceiling: Steel plate baked enamel model, hidden light band, metal decorative strip, LED light  
 Car wall: Rose gold hairline stainless steel, rose gold mirror stainless steel, linear light  
 Floor: PVC / Marble



○ SGM-J009

Ceiling: White baked enamel ceiling, wood frame, acrylic light-emitting panel  
 Car wall: Wood veneer, champagne gold hairline stainless steel, white matte leather, hidden light band  
 Floor: Antique solid wood parquet floor



○ SGM-J010

Ceiling: Steel plate baked enamel model, hidden light band, LED downlight  
 Car wall: Wood veneer, metal decorative strip  
 Handrail: Titanium gold stainless steel round handrail  
 Floor: PVC / Marble



○ SGM-J007

Ceiling: Hairline stainless steel, acrylic lighting, LED downlight  
 Car wall: Mirror stainless steel, wood veneer, rock board veneer with metal decorative strip  
 Floor: PVC / Marble



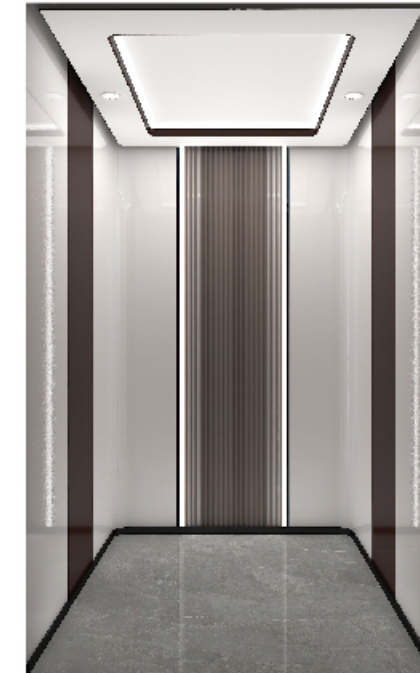
○ SGM-J008

Ceiling: Bronze mirror water ripple stainless steel, bronze hairline frame (arc angle), hidden light band  
 Car wall: Bronze hairline stainless steel, rock board veneer, bronze decorative strip, hidden light band  
 Floor: PVC / Marble



○ SGM-J011

Ceiling: White metal baked enamel, LED light strip  
 Car wall: Bronze hairline stainless steel, bronze hairline stainless steel anti-fingerprint, cosmetic steel plate, art glass, LED light strip  
 Floor: PVC / Marble



○ SGM-J012

Ceiling: White metal baked enamel, coffee color mirror stainless steel coil-side, hidden light strip, LED downlight  
 Car wall: White highly bright baked enamel steel plate, ecological resin panel, coffee color mirror stainless steel strip, LED light strip  
 Floor: PVC / Marble



# VILLA ELEVATOR CAR DECORATION



○ SGM-J013

Ceiling: Ash stainless steel, black titanium mirror stainless steel, LED downlight  
Car wall: Ash stainless steel, black titanium mirror stainless steel  
Floor: PVC / Marble



○ SGM-J014

Ceiling: Black titanium mirror stainless steel, acrylic light-emitting panel, LED downlight  
Car wall: Black titanium hairline stainless steel, mirror stainless steel, rock board veneer  
Floor: PVC / Marble



○ SGM-J015

Ceiling: Black titanium stainless steel frame, acrylic transparent plate  
Car wall: Black titanium hairline stainless steel, black titanium mirror etched stainless steel  
Floor: PVC / Marble



○ SGM-J016

Ceiling: Black titanium mirror stainless steel, acrylic transparent plate, LED lighting  
Car wall: Water-plated black hairline stainless steel, water-plated black mirror stainless steel, light strip  
Floor: PVC / Marble



○ SGM-J017

Ceiling: Mirror stainless steel, acrylic lighting decoration, LED downlight  
Car wall: Aluminum alloy (bright silver) vertical column, toughened glass combination  
Floor: PVC / Marble



○ SGM-J018

Ceiling: Mirror stainless steel, acrylic lighting  
Car wall: Mirror stainless steel, safety laminated glass  
Handrail: Stainless steel floor-type handrail  
Floor: PVC / Marble



○ SGM-J019

Ceiling: Titanium mirror stainless steel, European style ceiling lamp, LED downlight  
Car wall: Titanium mirror stainless steel, safety laminated glass  
Handrail: Titanium stainless steel round handrail  
Floor: PVC / Marble



○ SGM-J020

Ceiling: Star dome, surrounding light band  
Car wall: Black titanium mirror stainless steel, safety laminated glass  
Floor: PVC / Marble

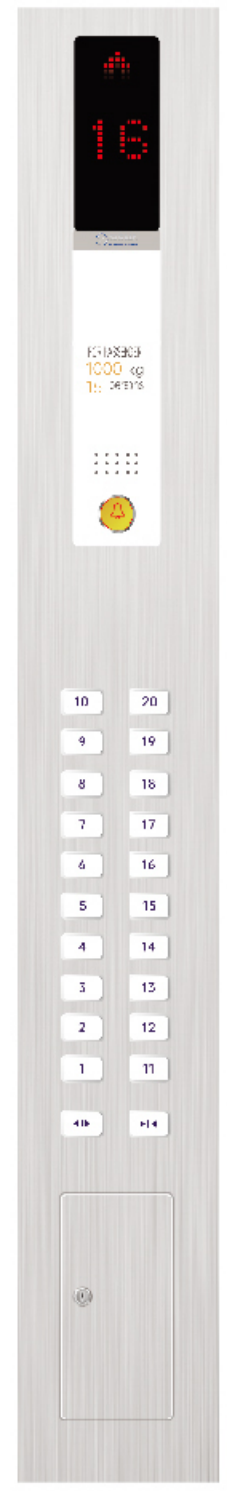




SGM-COO1

SGM-CWOO1

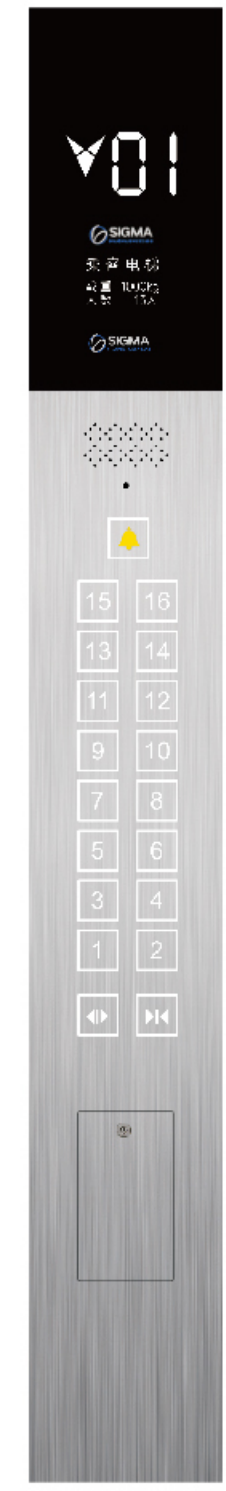
# HUMAN MACHINE INTERFACE



SGM-COO2



SGM-CWOO2



SGM-COO3



SGM-CWOO3



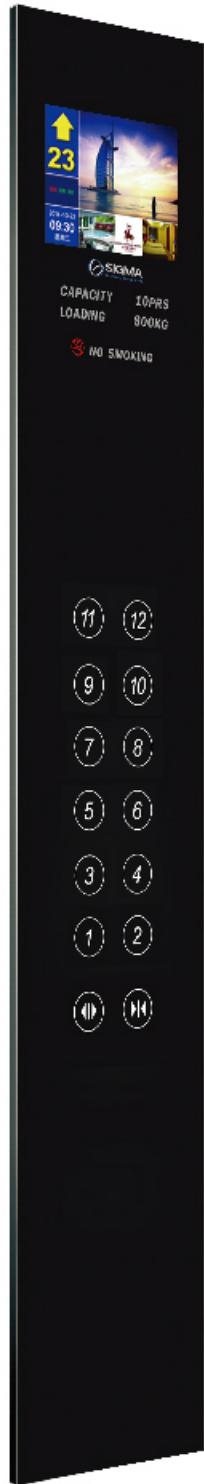
SGM-COO4



SGM-CWOO4



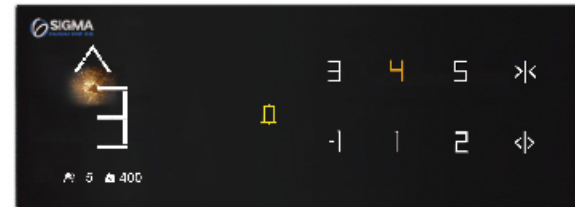
# HUMAN MACHINE INTERFACE



SGM-CO05



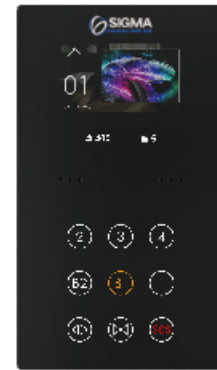
SGM-CO06



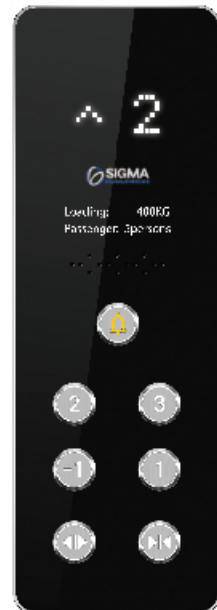
SGM-CO07



SGM-CO08



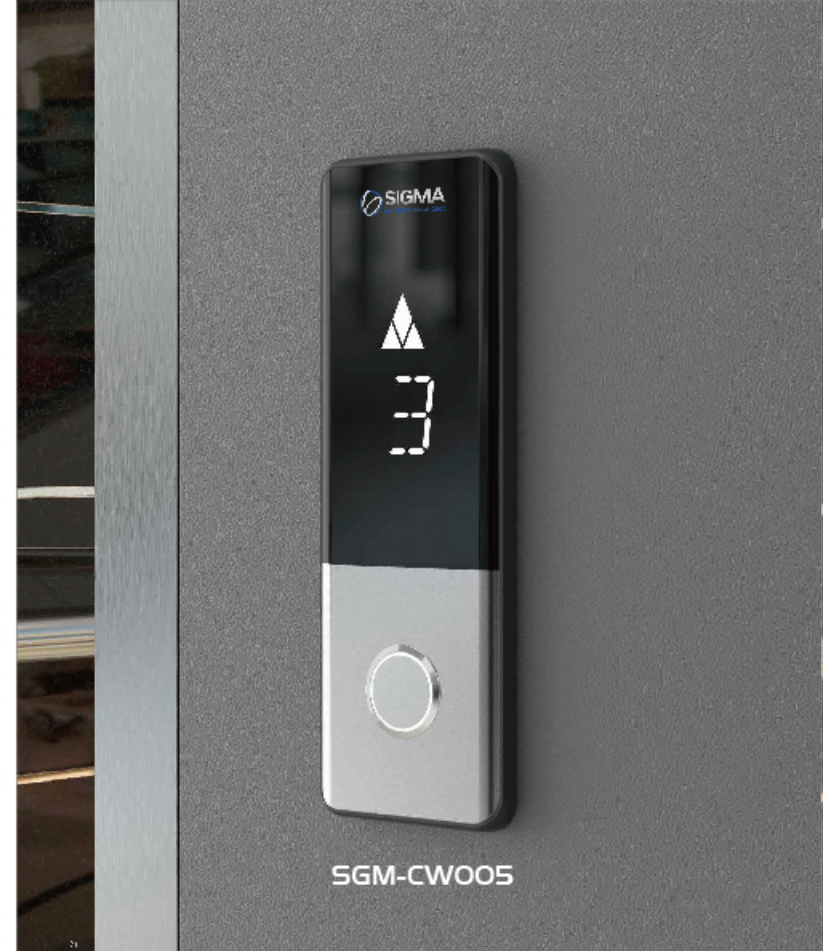
SGM-CO09



SGM-CO10



SGM-CO11



SGM-CW005



SGM-CW006

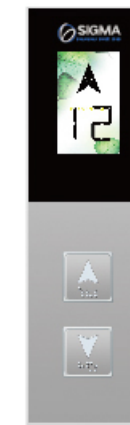
## LOP



SGM-CW007



SGM-CW008



SGM-CW009



SGM-CW010



SGM-CW011



SGM-CW012



SGM-CW013



SGM-CW014



SGM-CW015



SGM-CW016



SGM-CW017



SGM-CW018





## LANDING DOOR SERIES



SGM-TM01



SGM-TM02



SGM-TM03



SGM-TM04



SGM-TM05



SGM-TM06



SGM-TM07



SGM-TM08



SGM-TM09



SGM-TM10



SGM-TM11



SGM-TM12



SGM-TM13



SGM-TM14



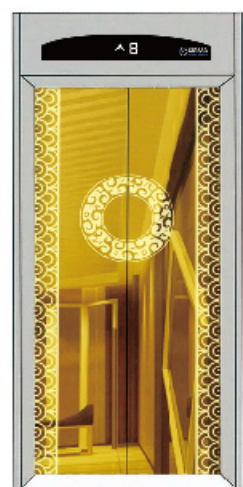
SGM-TM15



SGM-TM16



# LANDING DOOR SERIES



SGM-TM17



SGM-TM18



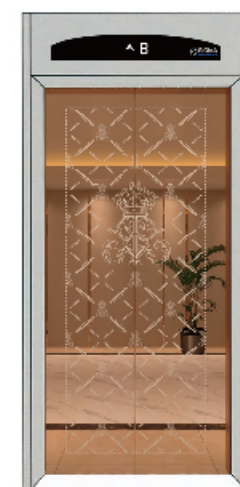
SGM-TM19



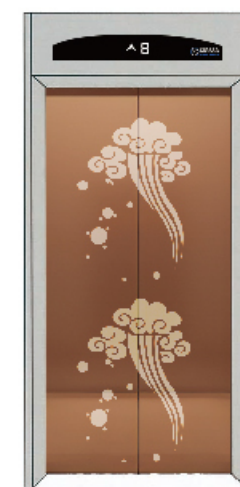
SGM-TM20



SGM-TM29



SGM-TM30



SGM-TM31



SGM-TM32



SGM-TM21



SGM-TM22



SGM-TM23



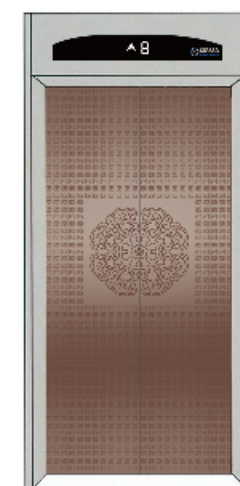
SGM-TM24



SGM-TM33



SGM-TM34



SGM-TM35



SGM-TM36



SGM-TM25



SGM-TM26



SGM-TM27



SGM-TM28



SGM-TM37



SGM-TM38

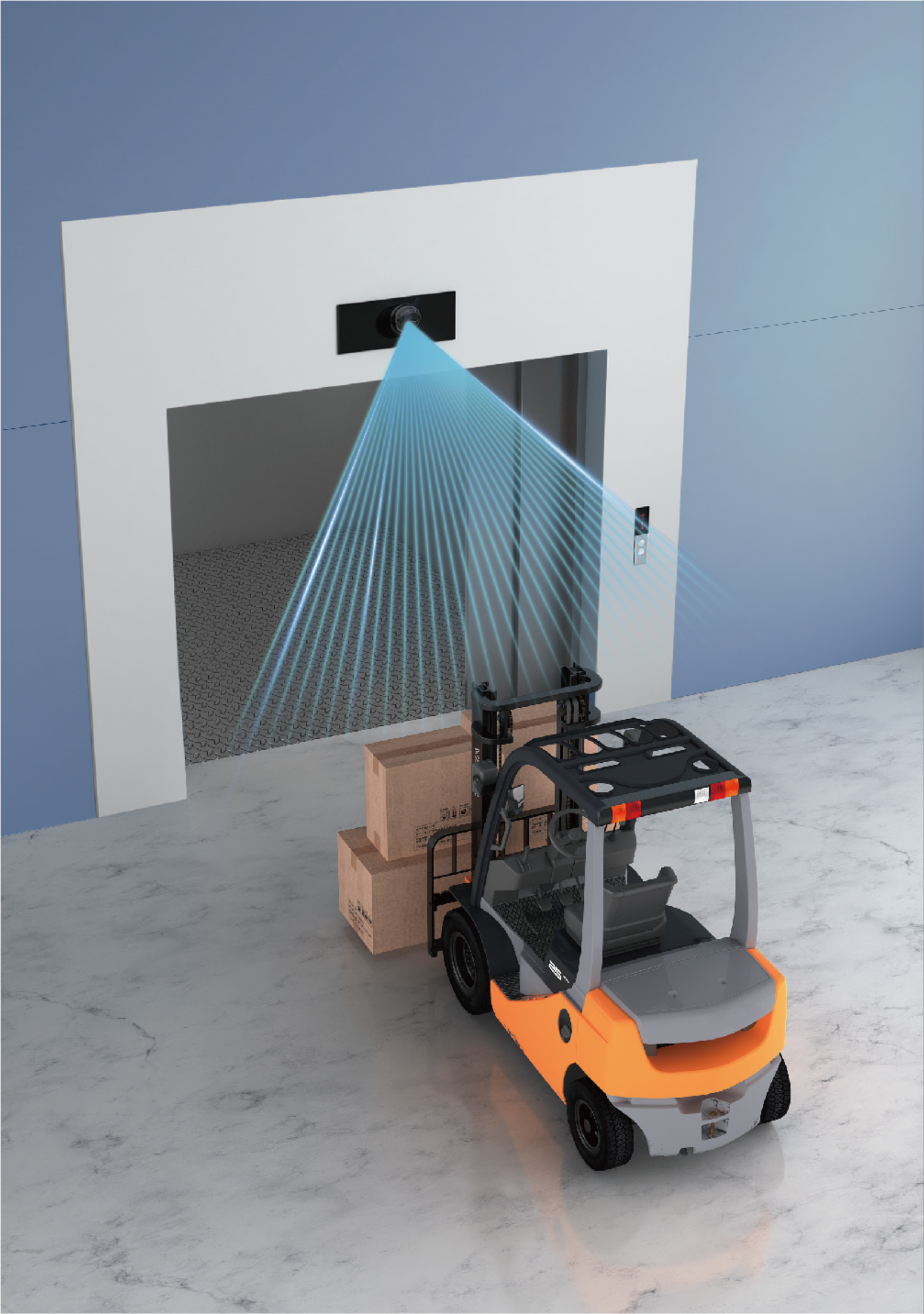


SGM-TM39



SGM-TM40





## FREIGHT ELEVATOR

In logistics field, SIGMA freight elevator gets perfect development in order to satisfy goods transport requirements in factory, warehouse, shopping center, supermarket, airport, bus station etc. SIGMA elevators have wide varieties. Loading ranges from 1000kg to 5000kg. Over the years, it lays technical and manufacture advantages of "energy-saving, safe, constant, accurate". It fulfills efficient and human-centered services for vast users.



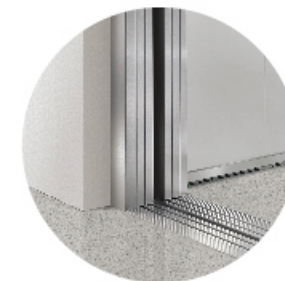
### Firm and durable elevator car

It ensures firm and durable elevator car through high strength plate bearing & forming technology. In addition, optionally specially-designed anti-collision guard-rail executes multi-protections to elevator car.



### Large opening distance

It applies multi-folded hoist-way door and car door. It fulfills maximum opening width. It is convenient for entry / exit of large goods.



### Highly accurate leveling

Leveling accuracy can be controlled within mm-level range.



# FREIGHT ELEVATOR CAR DECORATION



## SGM-H001

Ceiling:  
Steel plate with spraying plastics

Car wall/Car door:  
Steel plate with spraying plastics

C.O.P:  
Hairline stainless steel

Floor:  
Steel plate with decorative design

Door opening mode:  
Side opening



## SGM-H002

Ceiling:  
Hairline stainless steel

Car wall/Car door:  
Hairline stainless steel

C.O.P:  
Hairline stainless steel

Floor:  
Steel plate with decorative design

Door opening mode:  
Center-opening & double-folded

## Operation panel



SGM-HCOI



SGM-HWOI

## Landing door



Center-opening



Center-opening  
& double-folded



Side opening



Three-electic fraction

## Crash barrier of elevator car

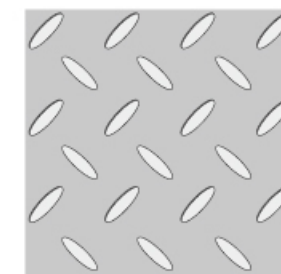


Wooden

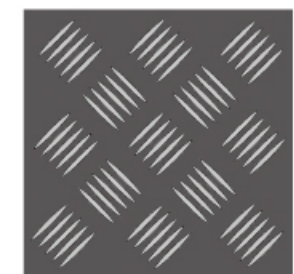


Black rubber

## Floor



Ordinary checkerd  
steel plate



Ordinary checkerd  
aluminum plate





## DUMBWAITER ELEVATOR

### Flexible Space, Harmonious Transport

SIGMA dumbwaiter elevator is small, exquisite and flexible with simple structure. It can easily combine with the building. It offers the prompt, convenient, economical, practical small goods vertical transport service for hotel, restaurant, bank, residence, hospital, library etc.

SIGMA carefully and wholeheartedly produces service elevator according to highly secure standard. It owns absolutely nice quality and novel outline. It serves various buildings by new and diverse services. It goes all out to boost a happy life for the people. Therefore vast clients can always feel the considerate services of SIGMA elevator.

### Classification of dumbwaiter elevator



Windows Type

Floor Type





## MOVING WALK

### Moving walk

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

### Top technology founds the perfect quality

The maximum length of the designed SIGMA inclined sidewalk is 43 meters, the maximum length of the designed horizontal sidewalk is up to 100 meters, and can be personalized design according to customer requirements. The use of advanced technology is according with ergonomic design, so that the function of the sidewalk and the performance can be perfect.

## ESCALATOR

### Escalator

SIGMA 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.

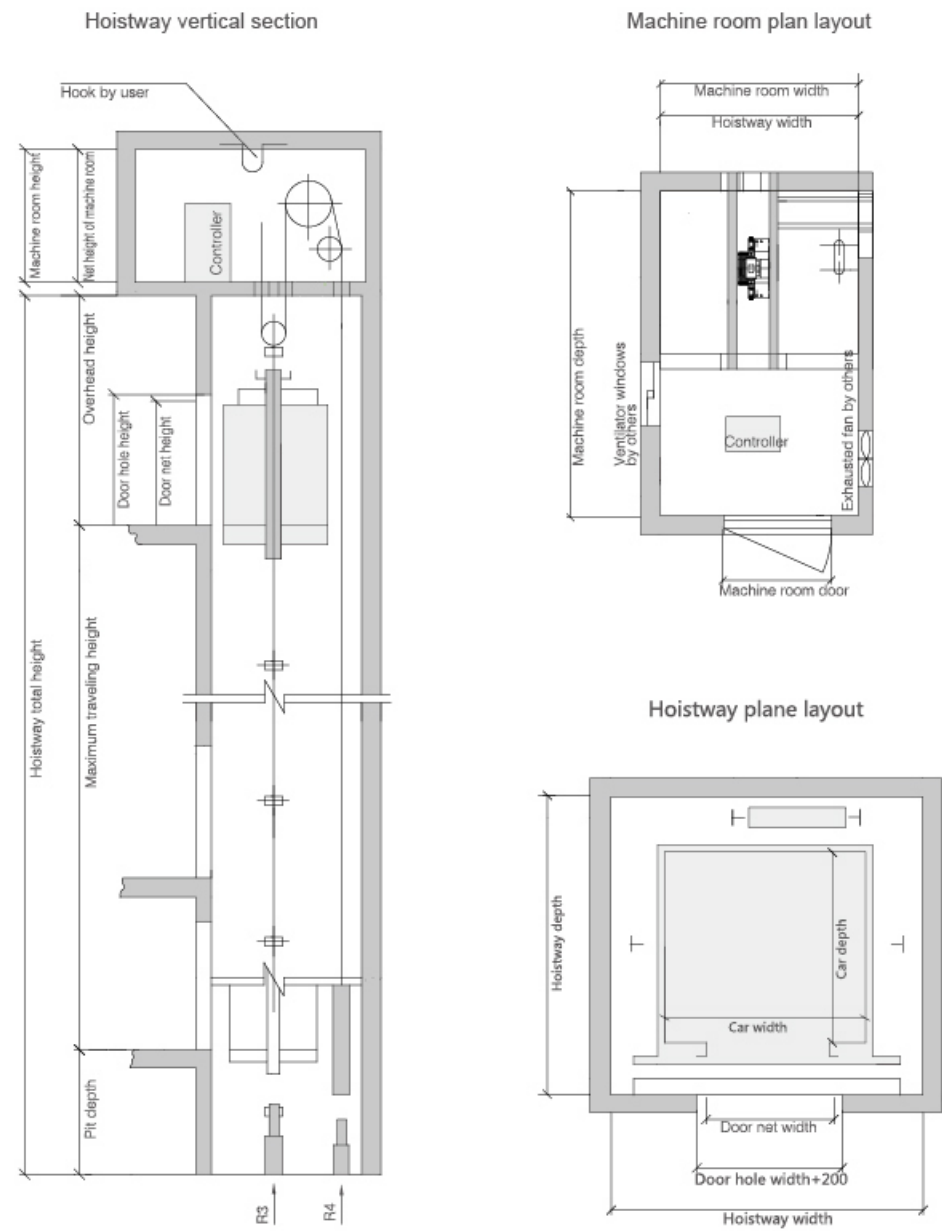
### Smooth delivery

It applies the advanced international technology and combines with top-class design concept. It produces durable SIGMA escalators with smooth operation and low noise. It brings about the brand-new travel experience by fine and exquisite structure, consummate stairway, delicate belt, attractive and charming outline.





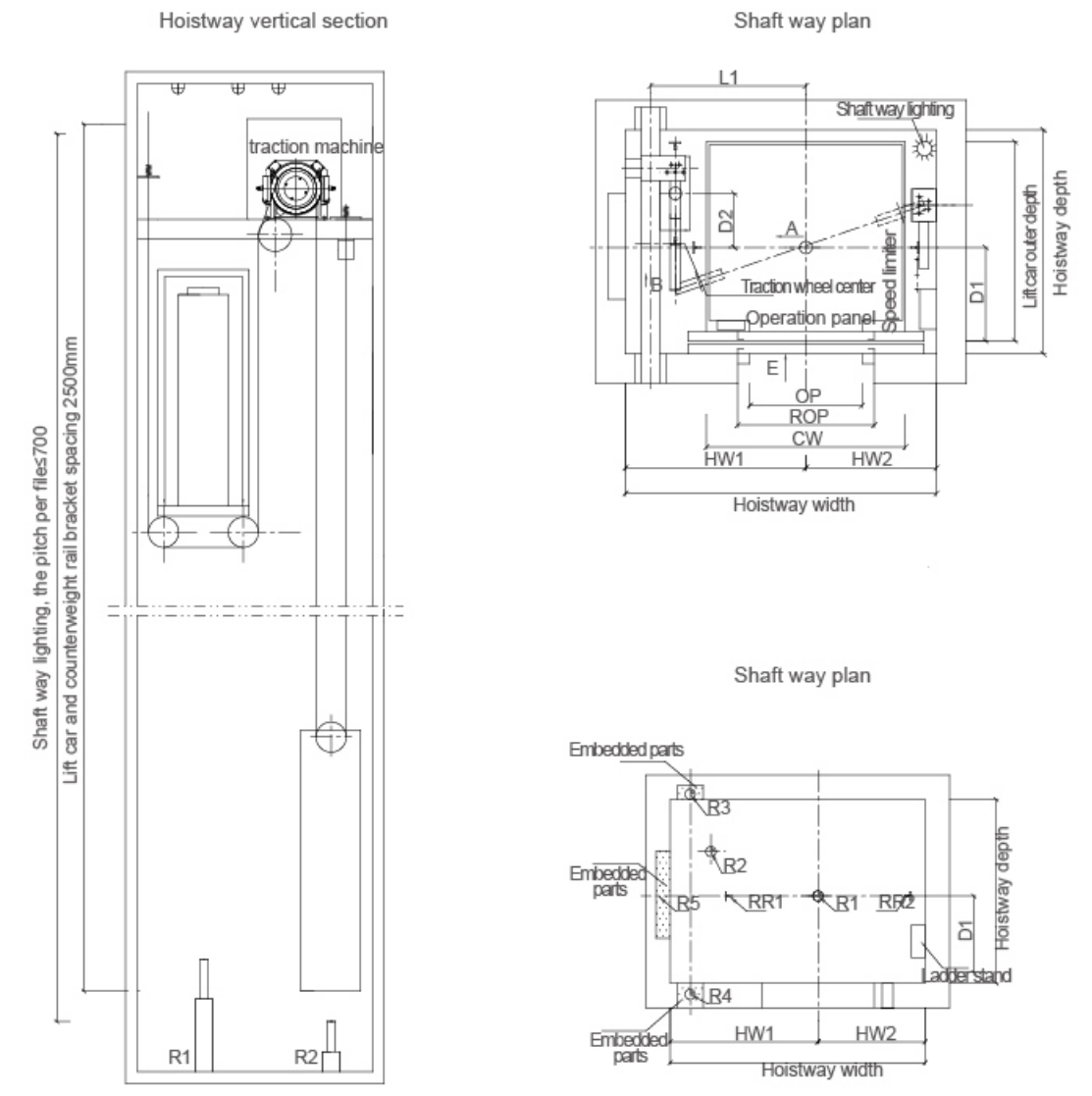
# SMALL MACHINEROOM PASSENGER ELEVATOR CONSTRUCTION SKETCH



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

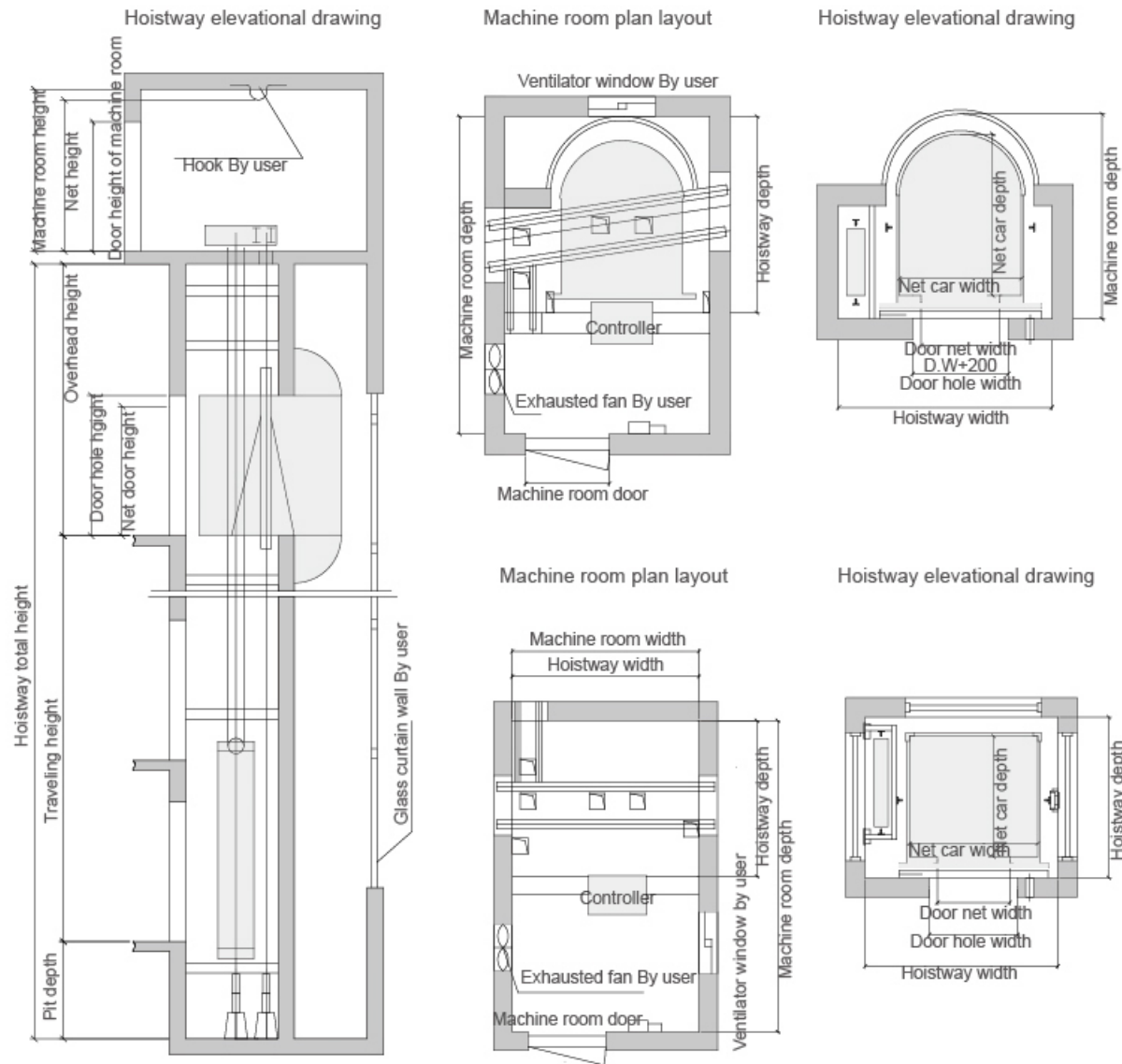


Load(kg)	Speed (m/s)	Car outside dimension (mm)	Door opening size (mm)	Hoistway size (mm)	Pit depth (PP) (mm)	Overhead height (OH)	Other positioning dimension (mm)			Pit reaction (mm)			Top load bearing capacity (KN)			Maximum number of floors	Maximum lifting height (m)
							D1	D2	L1	R1	R2	R3	R4	R5			
630	1.0	1100*1600	700*2100	2000*1800	1600	4000	855	435	800	68	56	40	37	10	16	50	
	1.75				1700	4200									24	75	
	2.0				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.



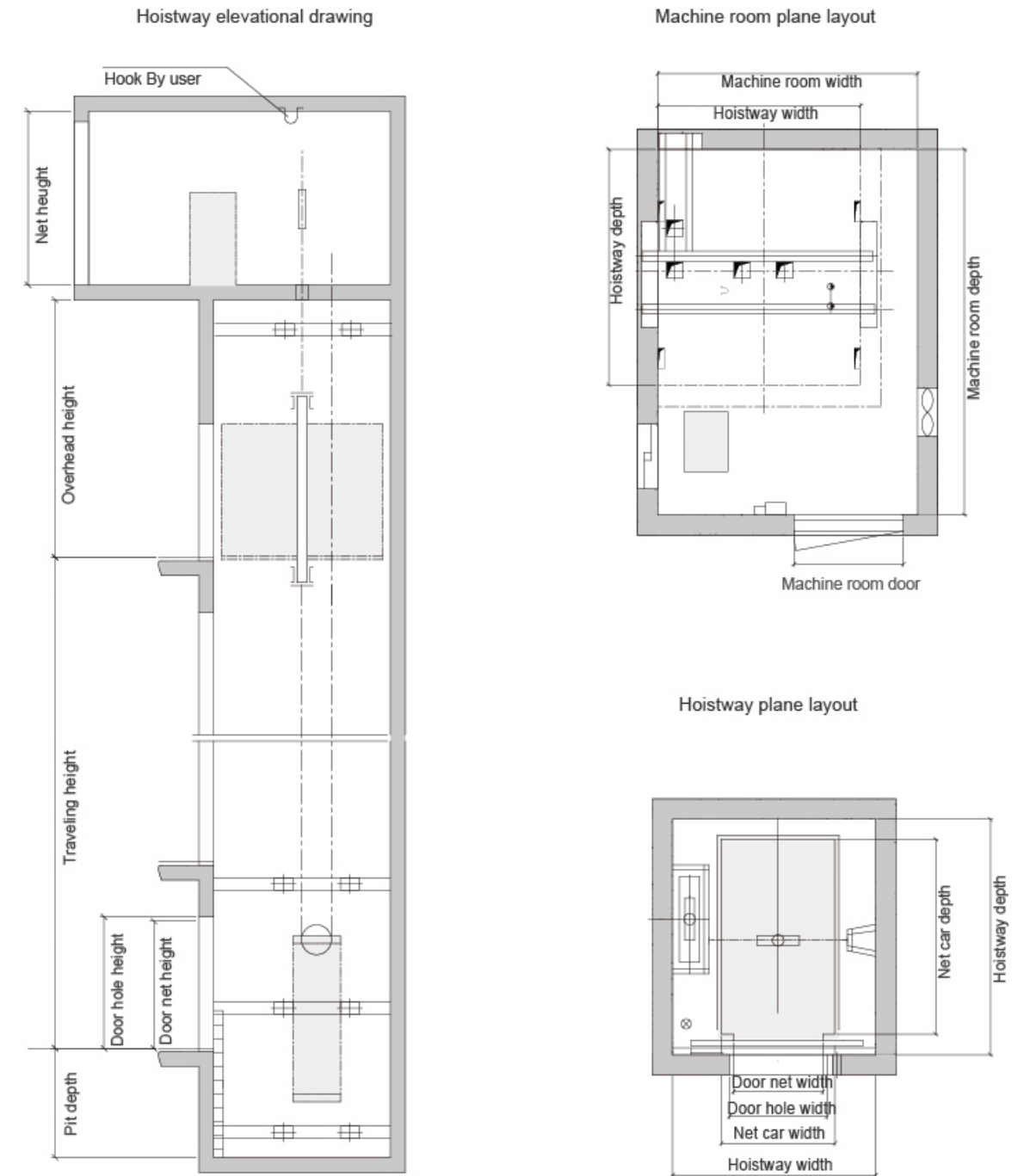
# OBSERVATION ELEVATOR CONSTRUCTION SKETCH



Load(kg)	Speed (m/s)	Car dimension(mm)			Door-opening size(mm) Door net oppning	Hoistway size(mm)			Machine room size(mm)			Overhead height (OH)	Pit depth (PP)
		Inner size AxB				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

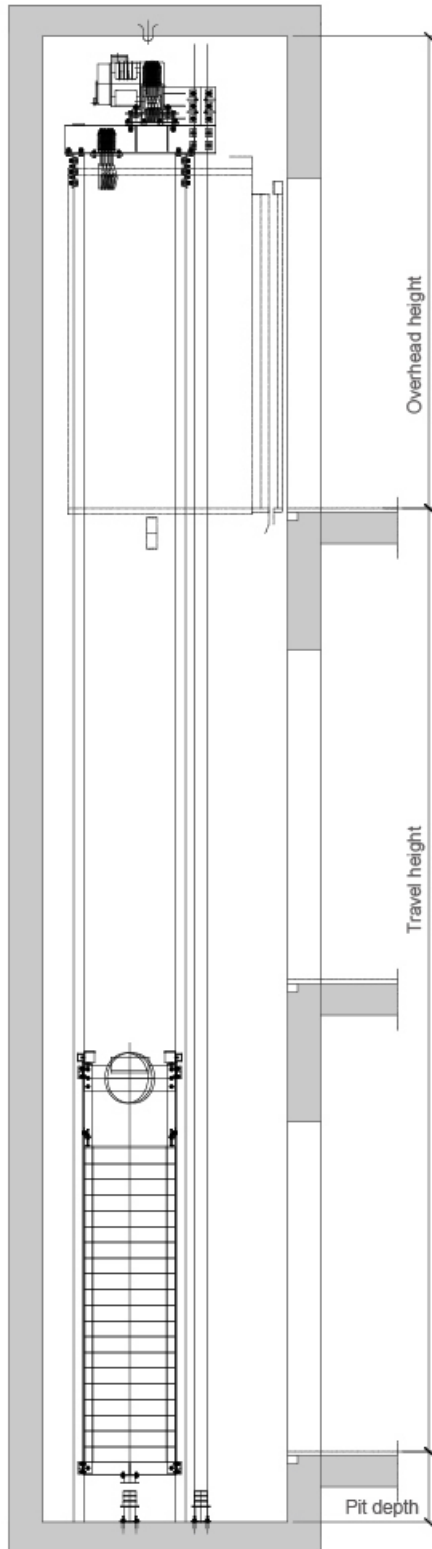
Not: Only for reference, final manufacture please follow contract.



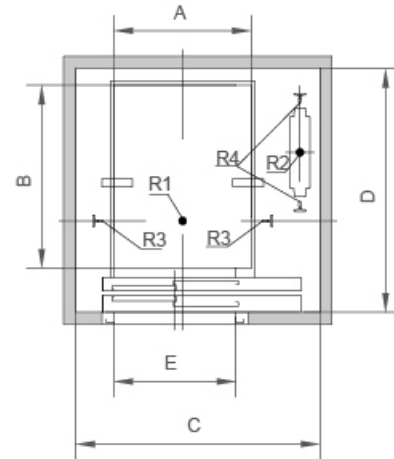
# TRACTION VILLA ELEVATOR CONSTRUCTION SKETCH

# STEEL BAND STYLE VILLA ELEVATOR CONSTRUCTION SKETCH

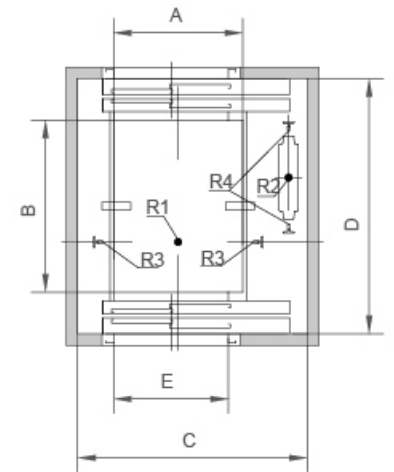
Shaft (Counterweight side placement)



shaft plain drawing(Single door opening)



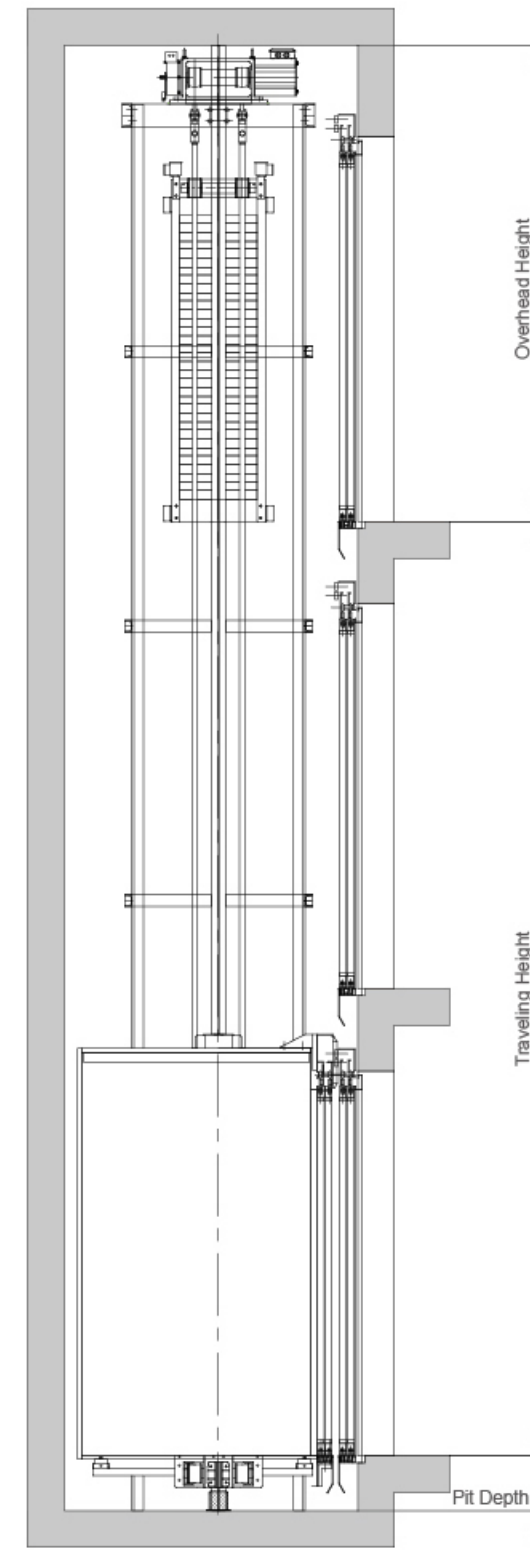
shaft plain drawing(Through door opening)



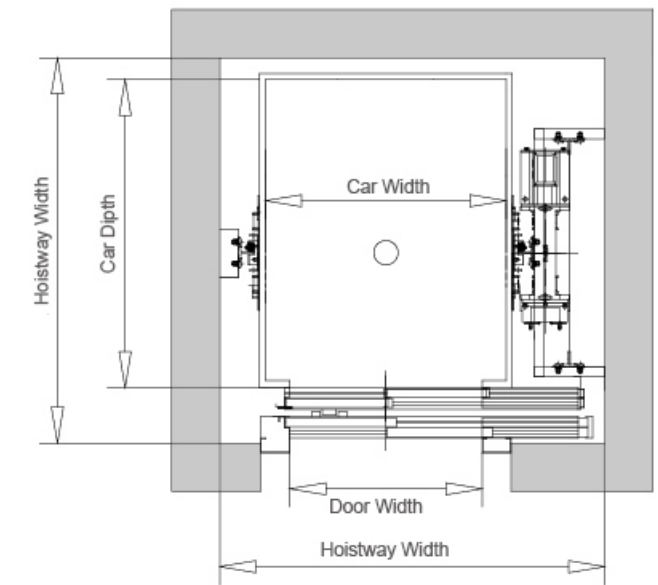
Load(kg)	260	320	400
Rated speed(m/s)	0.4	0.4	0.4
Car size(mm)	900x1000	950x1200	1100x1200
Door-opening size(mm)	650x2000	700x2000	750x2000
Door opening mode	Center opening	Center opening	Center opening
Shaft size(mm)	1500x1300	1550x1500	1700x1500
Pit depth(mm)	400	400	400
Overhead height(mm)	3000	3000	3000

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

Hoistway elevation 1:40



Hoistway plan 1:20



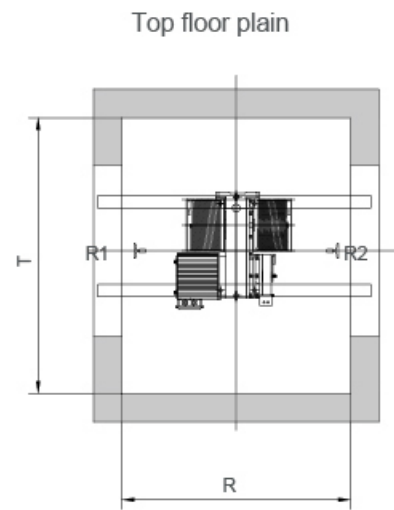
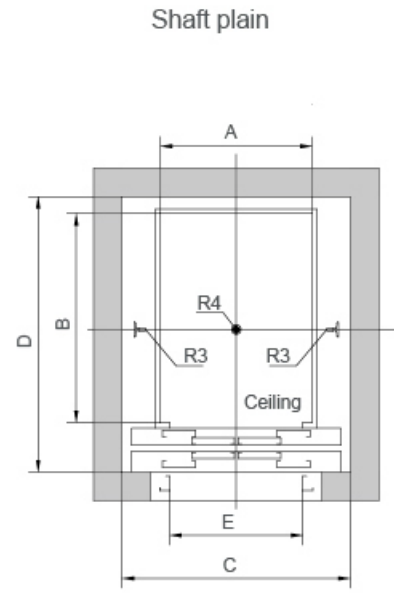
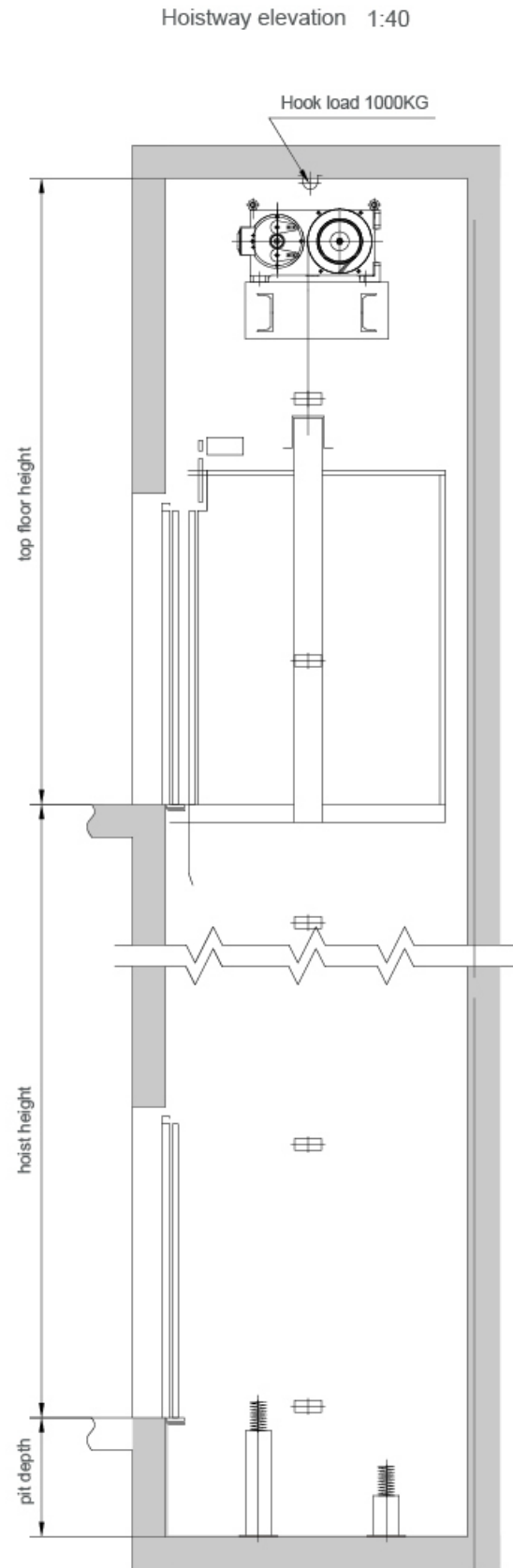
Load(kg)	260	320	400
Rated speed(m/s)	0.4	0.4	0.4
Car size(mm)	900x1000	950x1200	1100x1200
Door-opening size(mm)	650x2000	700x2000	750x2000
Door opening mode	Center opening	Center opening	Center opening
Shaft size(mm)	1500x1300	1550x1500	1700x1500
Pit depth(mm)	300	300	300
Overhead height(mm)	2800	2800	2800

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



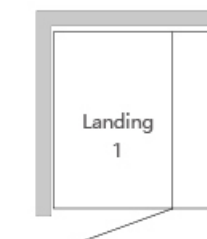
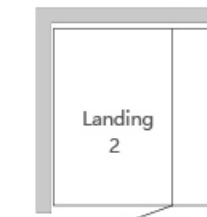
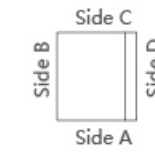
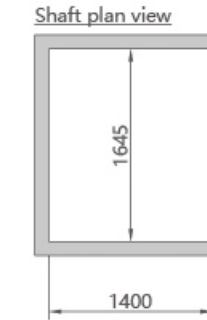
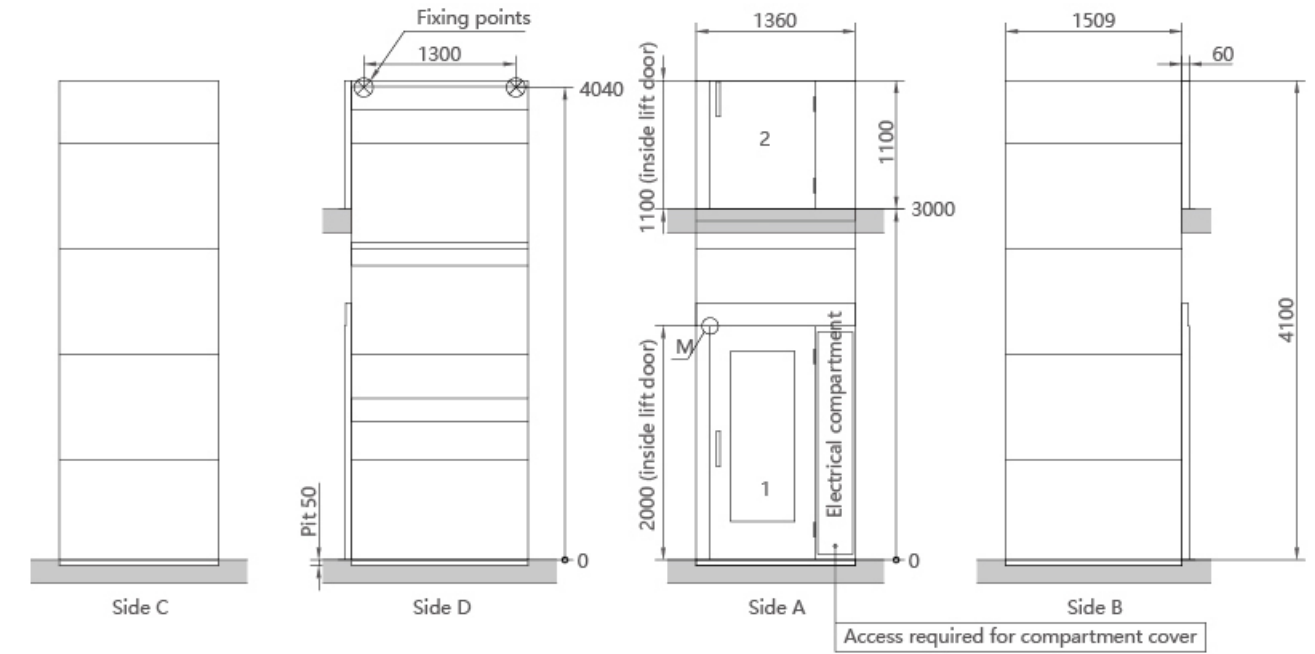
# FORCE DRIVE VILLA ELEVATOR CONSTRUCTION SKETCH

# PLATFORM VILLA ELEVATOR CONSTRUCTION SKETCH



Load(kg)	260	320
Rated speed(m/s)	0.3	0.3
Car size(mm)	900x900	1000x1000
Door-opening size(mm)	800	800
Door opening mode(mm)	Hand door	Hand door
Shaft size(mm)	1300x1000	Hand door
Pit depth(mm)	300	300
Overhead height(mm)	3200	3200
Maximum stroke	12000	12000

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



Reserved size of elevator(mm)	Platform size(mm)	Load(kg)	Car height(mm)	Overhead height(mm)	Pit depth(mm)
1050x1050	900x650	250	2100	2850	150
1150x1400	1000x1000	320	2100	2850	150
1400x1600	1250x1200	400	2100	2850	150

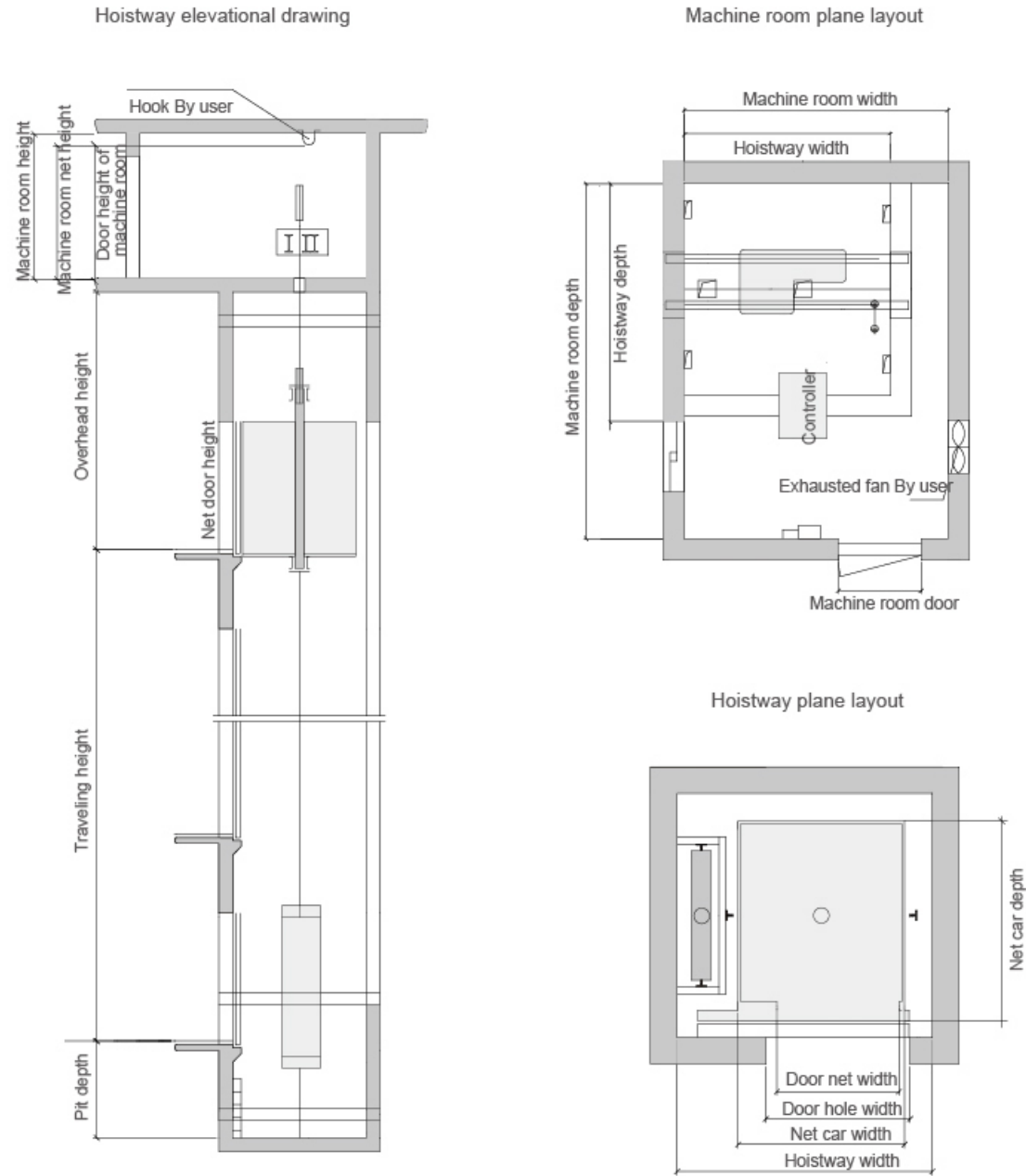
The above table size is applicable to the shaft type of aluminum alloy

Reserved size of hoistway(mm)	Platform size(mm)	Load(kg)	Car height(mm)	Overhead height(mm)	Pit depth(mm)
1100x1100	950x650	250	2100	2900	150
1150x1300	1000x850	320	2100	2900	150
1350x1650	1200x1200	400	2100	2900	150

The above table size is applicable to the shaft type of aluminum alloy



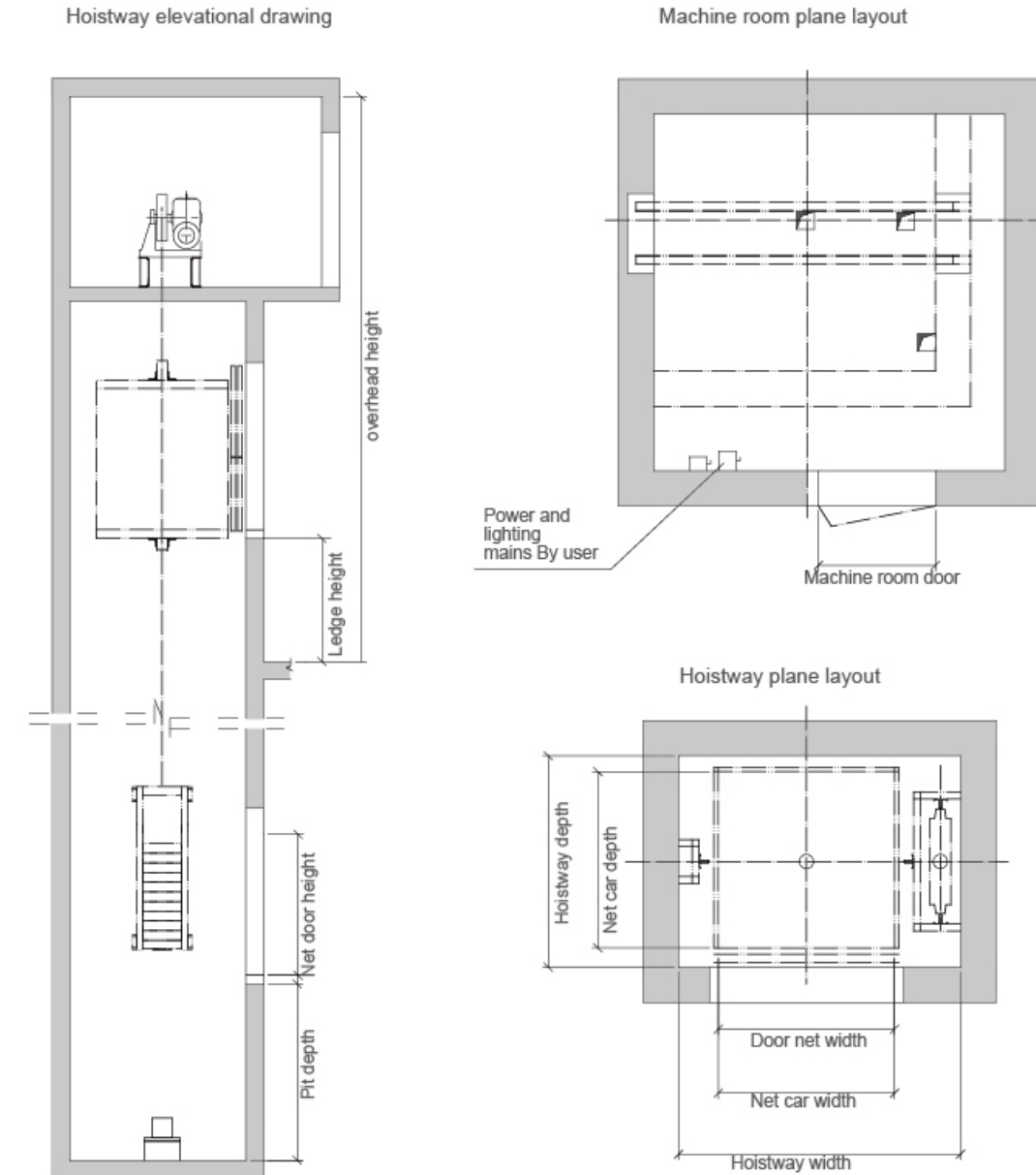
# FREIGHT ELEVATOR CONSTRUCTION SKETCH



Load (kg)	Speed (m/s)	Car size	Door-open size		Hoistwaysize XxY	Machine room size SxT	Overhead height (OH)	Pit depth (PP)
		Inner size	Door net oppning	Net door height				
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

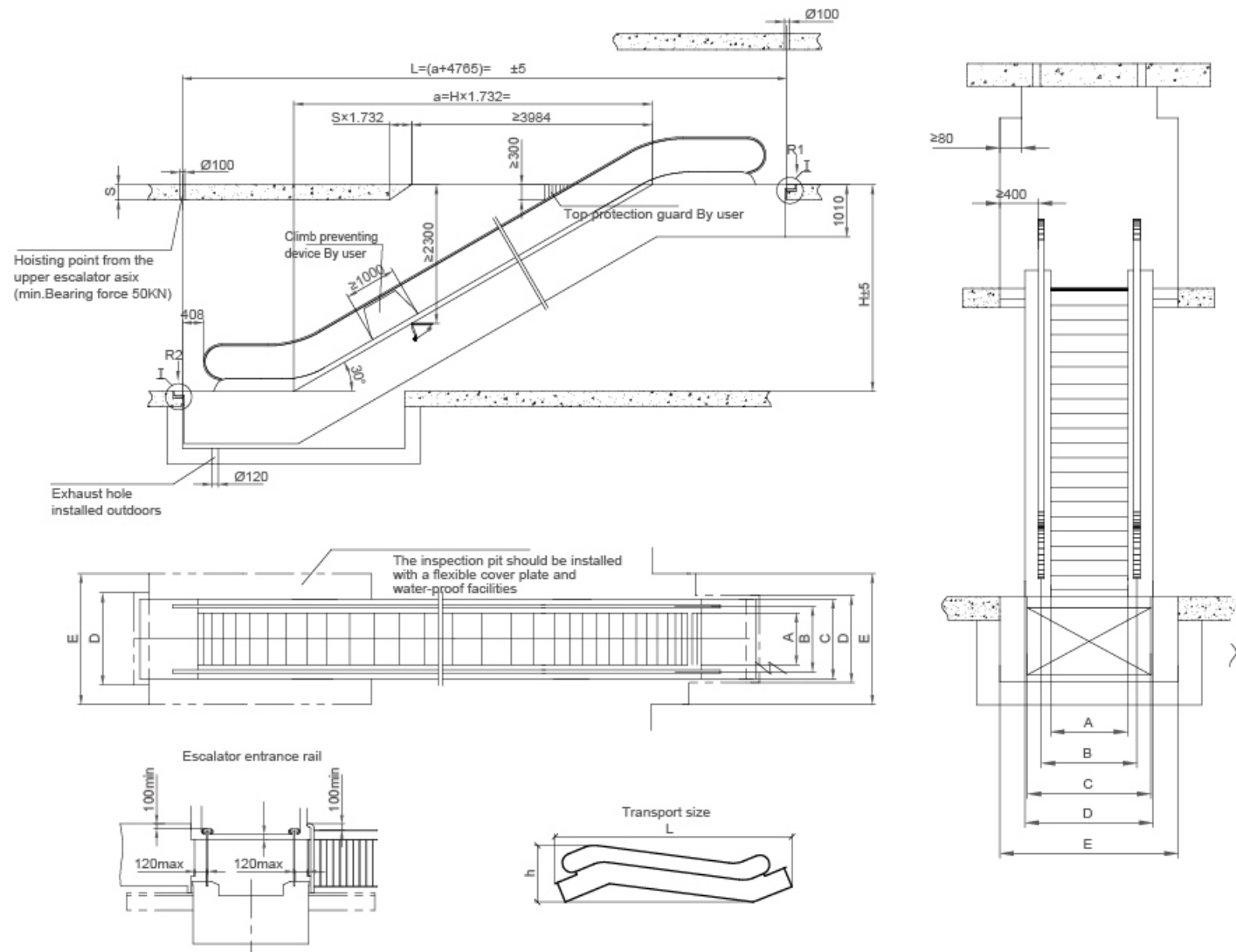


Load (kg)	Speed (m/s)	Car size	Door-open size		Hoistwaysize XxY	Overhead height (OH)	Pit depth (PP)
		Inner size	Door net oppning	Net door height			
100	0.4	700x725	700	800	1250x900	3700	750
200	0.4	950x975	950	1000	1500x1150	3800	750
250	0.4	1000x1000	1000	1200	1550x1200	4000	750
300	0.4	1000x1000	1000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

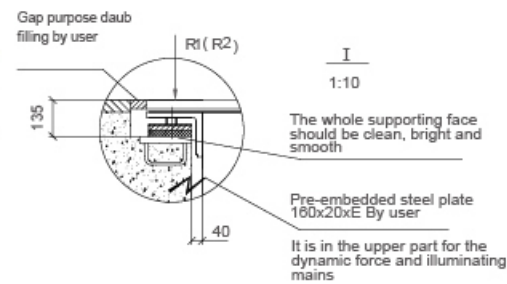
Not: Only for reference, final manufacture please follow contract.



# 30° ESCALATOR CONSTRUCTION SKETCH



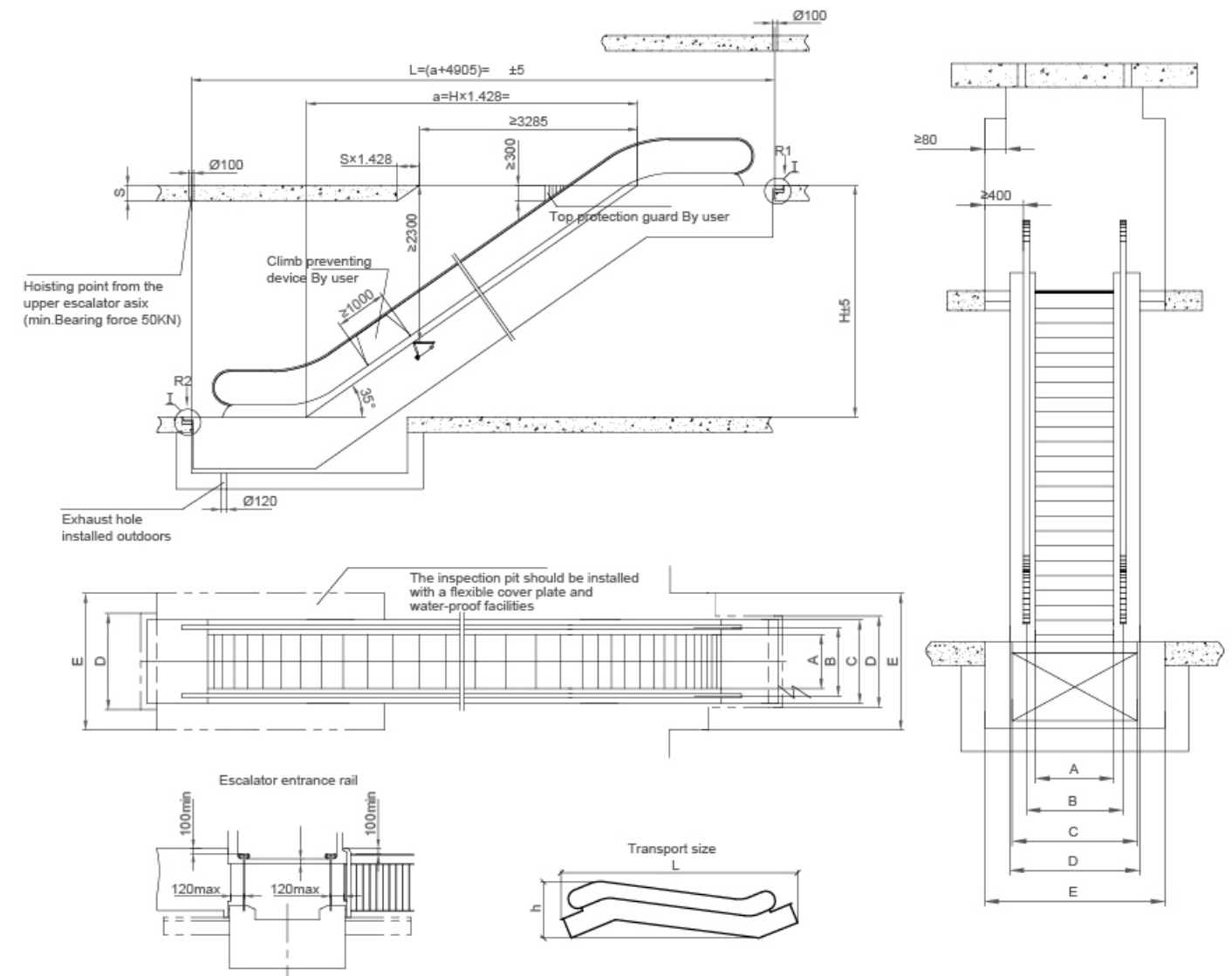
Model	Travelling height(mm)	Netheight KN	Supporting		Motor power	Transport size	
			R1 KN	R2 KN		h	L
SC(600) -30(4500p/h) Speed 0.5m/s	3000	57	46	41	8	2750	10900
	3500	60	49	44		2780	11890
	4000	64	52	47		2810	12880
	4500	68	56	50		2830	13870
	5000	71	59	53		2840	14860
	5500	75	62	56		2860	15860
SC(800)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



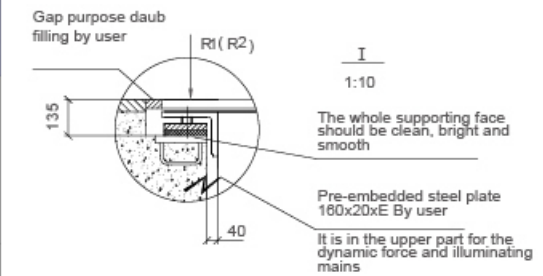
Step width	A	B	C	D	E	F
1000	1000	1158	1238	1600	1660	2310
800	800	958	1038	1400	1460	2110
600	600	758	838	1200	1260	1910

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

# 35° ESCALATOR CONSTRUCTION SKETCH



Model	Travelling height(mm)	Netheight KN	Supporting		Motor power	Transport size	
			R1 KN	R2 KN		h	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
(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	11	2940	12750
	5000	70	62	56		2970	13610
	5500	73	65	59		2980	14470
(1000) -35(9000p/h) Speed 0.5m/s	3000	60	56	50	8	2850	10180
	3500	64	60	53		2890	11030
	4000	67	64	57		2920	11890
	4500	71	67	60	11	2940	12750
	5000	74	71	64		2970	13610
	5500	82	77	69		2980	14470
6000	85	81	72		3000	15330	

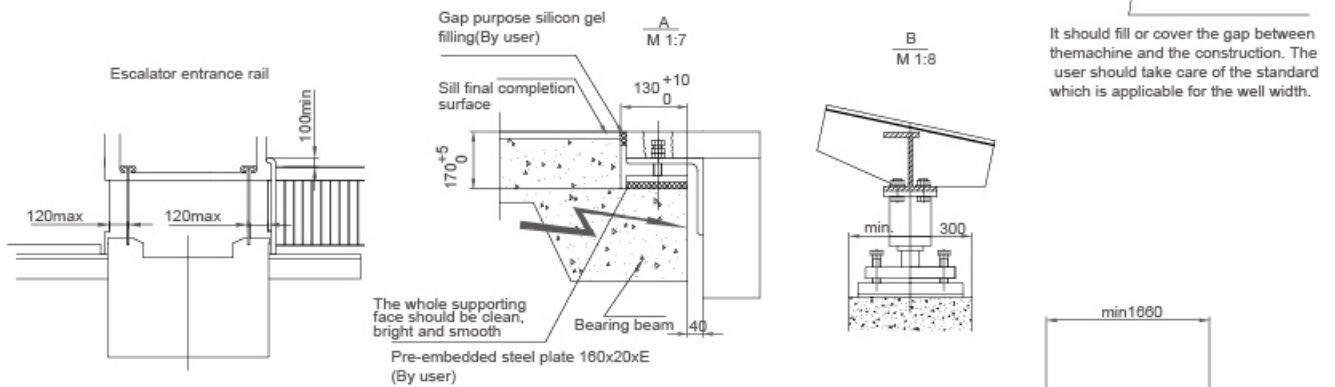
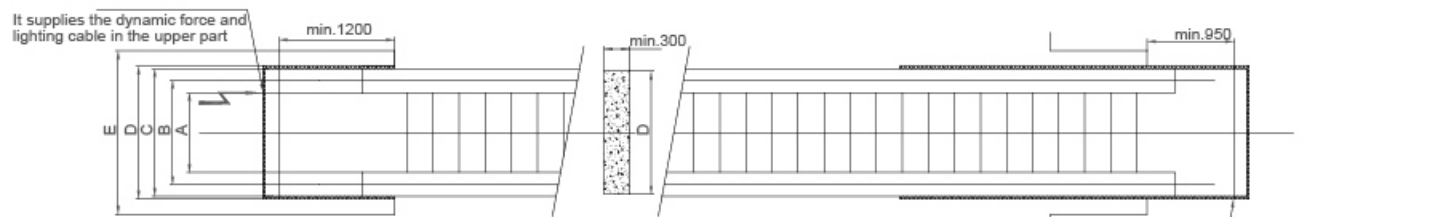
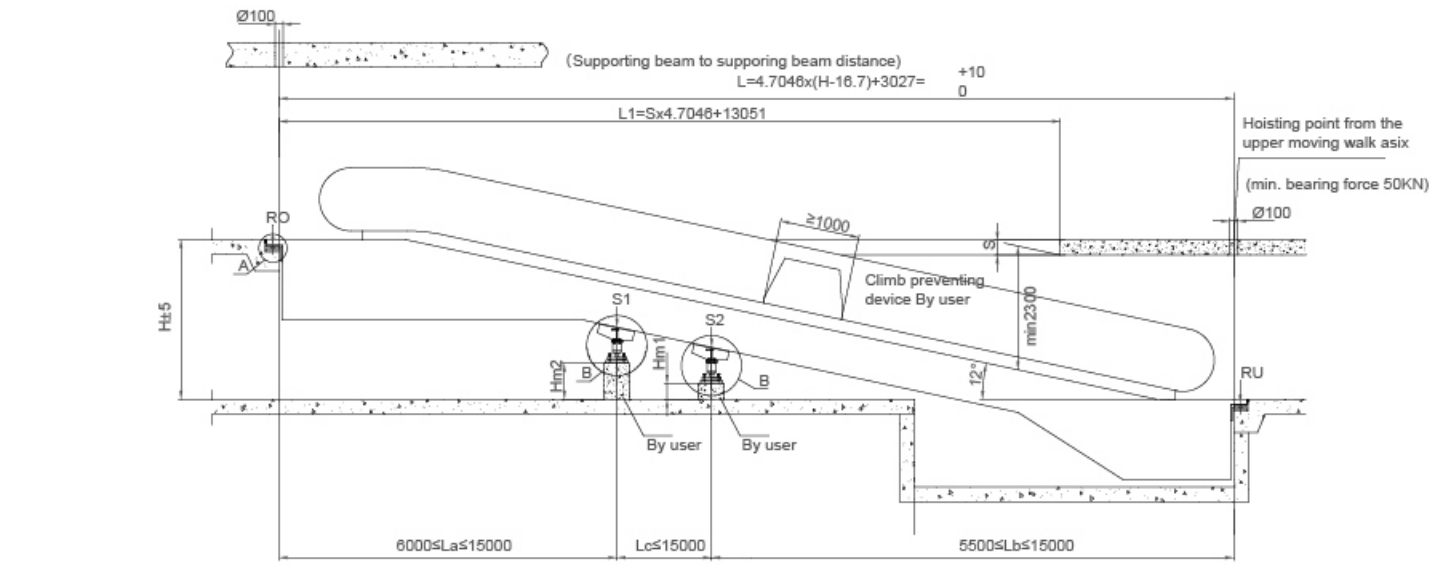


Step width	A	B	C	D	E	F
1000	1000	1158	1238	1600	1660	2310
800	800	958	1038	1400	1460	2110
600	600	758	838	1200	1260	1910

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

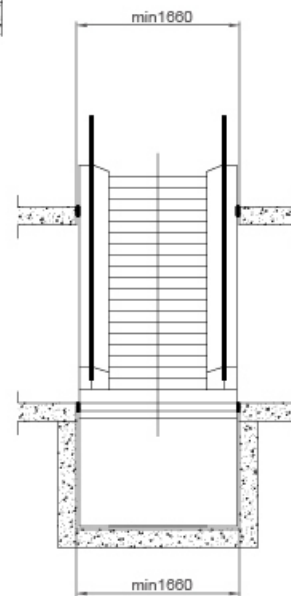


# 12° MOVING WALK CONSTRUCTION SKETCH



The construction supporting force includes the vibration load		
No intermediate supporting	One intermediate supporting	2 intermediate supporting
$R_0=0.0045XL+13$	$R_0=0.0045XL_a+13$	$R_0=0.0045XL_a+13$
$R_u=0.0045XL+7$	$R_u=0.0045XL_b+7$	$R_u=0.0045XL_b+7$
	$S_1=0.00585X(L_a+L_b)$	$S_1=0.00585X(L_a+L_c)$
		$S_2=0.00585X(L_b+L_c)$

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



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