ISO 9001
Certificate

ISO 14001
Certificate

SIGMA
ELEVATOR&ESCALATOR

SIGMA ELEVATOR&ESCALATOR(SUZHOU)CO.,LTD

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REACHING NEW HEIGHTS

ELEVATOR&ESCALATOR

SIGMA
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画册设计+印刷 13584251557

Company Profile

Quality creates brand, service wins trust

Sigma Elevator S&Escalators（SuZhou）Co, LTD specializes in researching into, developing, manufacturing, seiling various elevator parts. Located in SuZhou Area. It is noticeable geographical advantages and transport facilities.

Sigma SuZhou owns the complete production equipment, the leading manufacture craft & technology with the advanced configuration, complete quailty supervision system. Meanwhile, it owns the senior elevator parts research and development specialists and teams in China. Main products are Mitsubishi Door machine and landing door hanger, Selcon door machine 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+ Qualality System Standard. It ensures that every ex-factory product in fine in quality. It wins great satis-faction from vast clients.

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

Workshop Equipment

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

Product Series

Small machine room passenger elevator

SIGMA small machine room passenger elevator strictly accords with German manufacture technology, advanced industrial technology. It optimizes space design with intellectual & compact mechanical parts. It effectively reduces top space, saves construction cost. It features as energy-saving, environment-protection, safe, stable, comfortable travel. It also has other advantages. It provides all kinds of modern buildings with reliable solution plans.

Machine room-less passenger elevator

SIGMA machine roomless passenger elevator perfectly shows energy-saving, consumption-reducing, environment-protection concept.We try hard to save building area, enhance desian freedom. It gives a full play of green human-centered ideas. Compared with same load horizontal gear elevator, it can save more power and building area. Machine room-less passenger elevator breaks through a "must of machine room, It provides limited space with innovative possibilities.

Observation elevator

SIGMA observation elevator applies highly secure laminated glass with fine transparency. The passengers can appreciate beautiful scenes in busy city through transparent car wall. Lamination layer in laminated glass has radiation-proof functions. It bufers sound wave vibration, Therefore it has sound-isolatina effects, Larce area car wall glass design has smooth lines. It beautifies car outline. What is more, it adds more charm to the buildings.

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Product Series

Bed elevator

SIGMA bed elevator series products fully reflect the “human oriented” design concept, and create a moving space full of warmth and comfortable for both patients and medical staffs to the utmost.With soft light ,smiple color tone ,you can practically feel the tender concern and best wishes from company all the time.

Stretcher elevator

SIGMA stretcher elevator cares both your and our safety & health. Jointly fulfills social responsibilities with you. Rescueel-evator is specially custom-made for residential building and public occasions. Reliable rescue special-purpose systematic design, scientific car space planning are more convenient to form obstacle-free channel and quickly arrives at destination floor during emergency rescue. It thus protects the users' safety.

Freight elevator

SIGMA freight elevator combines with top technologies such as elevator engineering technology etc., fierce drag system, highly strengthened mechanical structure design. It can contain a lot of goods. It can still be operated under various harsh environments. It features as effective, reliable, firm, durable, accurate leveling and so on. It is widely applicable for goods transport occasions such as factory, warehouse, shopping center etc.

Automobile elevator

SIGMA automobile elevator introduces well-developed international car elevation technology. It develops and manufactures automobile elevator through absorption, transformation and improvement. Advanced technology removes shaking car problem due to noise, burdened traction system and uneven force to elevator car. It optimizes characteristics of the product series.

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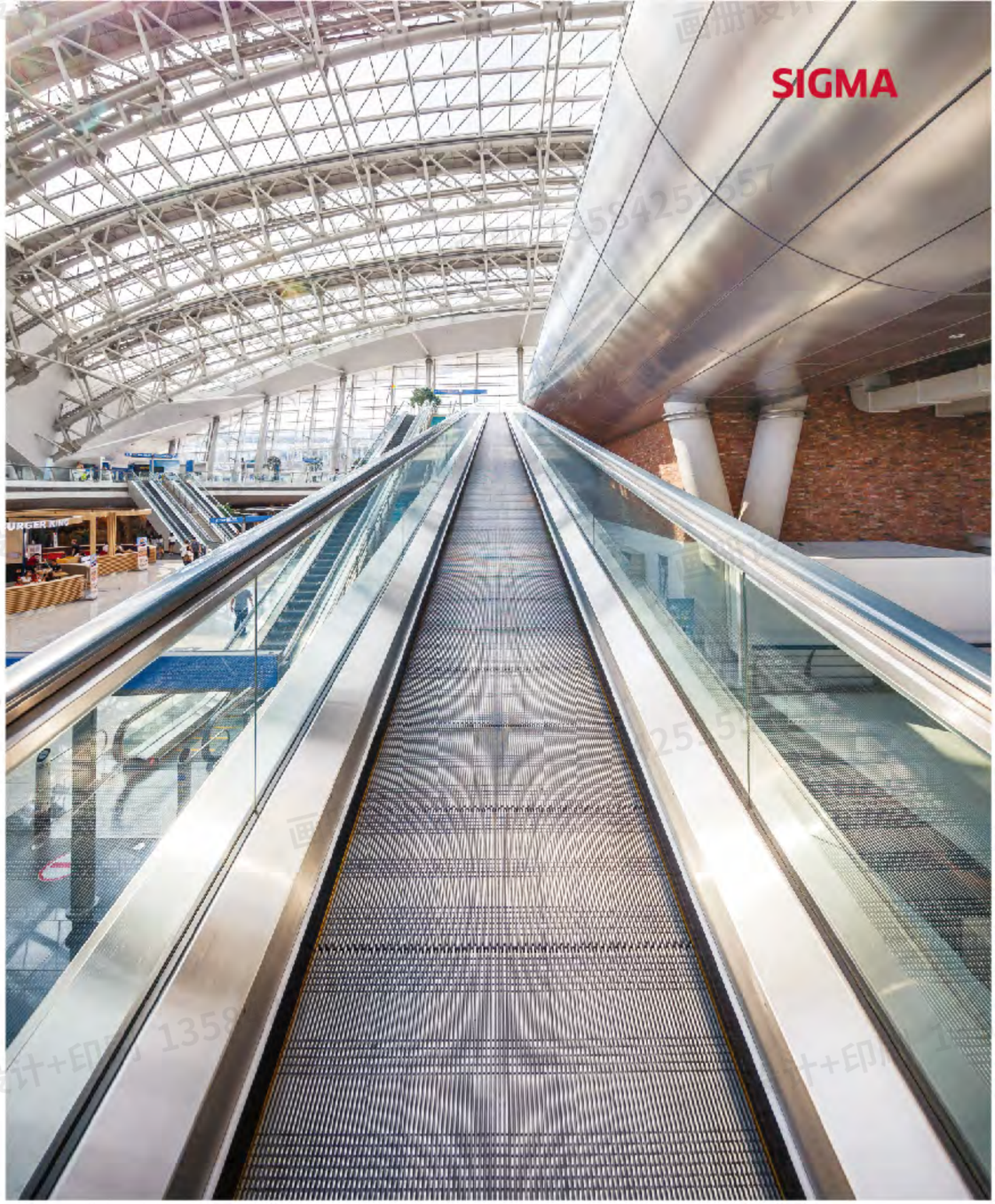
Product Series

Escalator

SIGMA escalator applies the advanced Swiss technology, design concept for manufacture. It grants you to appreciate the outstandina charm and deluxe manner of modern buildinas by fine and exouisite structure. consummate elevator path. delicate belt, deluxe and attractive outline. It provides the passengers with a bright, comfortable, brand-new feeling.



Moving walk

SIGMA moving walk satisfies the transport requirement of large passenger flow in public traffic and transport areas such as larae-size supermarket, airport, exhibition center, transport hub etc. It meets long-distance walk. People feel as easily as walking on firm earth while carrying luggage cat, baby's cart, the vehicle for the disabled in moving walk. It is greatly convenient for the people's outing and shopping.

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Passenger Elevator Car Decoration

SGM-002

Specification

Car top: Hairline stainless steel, acrylic lighting, down lamp
Car wall: Hairline stainless steel
Handrail: None
Floor: PVC

SGM-001

Specification

Car top: Hairline stainless steel, mirror stainless steel, down lamp
Car wall: Hairline stainless steel, mirror etched stainless steel
Handrail: Stainless steel single tube
Floor: PVC

SGM-003

Specification

Car top: Hairline stainless steel, acrylic lighting, down lamp
Car wall: Hairline stainless steel, mirror etched stainless steel
Handrail: None
Floor: PVC

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SGM-004

Specification

Car top: Hairline stainless steel, acrylic lighting, down lamp
Car wall: Hairline stainless steel, mirror stainless steel
Handrail: Stainless steel single tube
Floor: PVC

SGM-005

Specification

Car top: Hairline stainless steel, acrylic lighting, down lamp
Car wall: Hairline stainless steel, mirror stainless steel
Handrail: Stainless steel single tube
Floor: PVC

SGM-006

Specification

Car top: Hairline stainless steel, acrylic lighting
Car wall: Hairline stainless steel, mirror etched stainless steel
Handrail: None
Floor: PVC

SGM-007

Specification

Car top: Mirror stainless steel, acrylic lighting
Car wall: Hairline stainless steel, mirror stainless steel
Handrail: None
Floor: PVC

SGM-008

Specification

Car top: Hairline stainless steel, acrylic lighting, down lamp
Car wall: Hairline stainless steel, mirror etched stainless steel
Handrail: None
Floor: PVC

SGM-009

Specification

Car top: Hairline stainless steel, acrylic lighting
Car wall: Hairline stainless steel, mirror etched stainless steel
Handrail: Stainless steel flat handrail
Floor: PVC

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SGM-010

Specification

Car top: Hairline stainless steel, acrylic lighting, down lamp
Car wall: Hairline stainless steel, mirror etched stainless steel
Handrail: Stainless steel single tube
Floor: PVC

SGM-011

Specification

Car top: Mirror stainless steel fram, acrylic lighting
Car wall: Hairline stainless steel, mirror etched stainless steel
Handrail: Stainless steel flat handrail
Floor: PVC

SGM-012

Specification

Car top: Hairline stainless steel, acrylic lighting, down lamp
Car wall: Hairline stainless steel, mirror etched stainless steel
Handrail: None
Floor: PVC

SGM-013

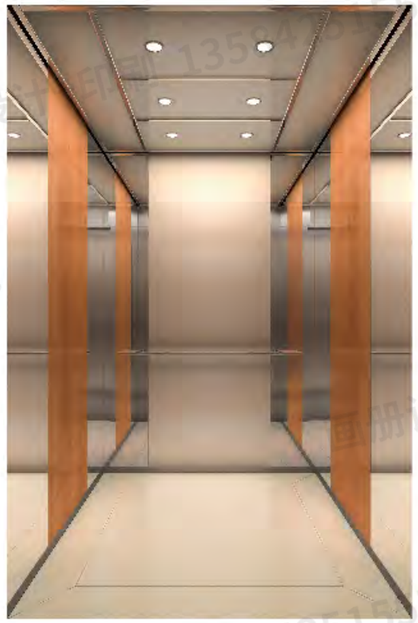
Specification

Car top: Black titanium mirror stainless steel, acrylic lighting
Car wall: Black titanium stainless steel, black titanium mirror stainless steel, imitation marble pattern
Handrail: Stainless steel flat handrail
Floor: PVC

SGM-014

Specification

Car top: Hairline stainless steel, acrylic lighting
Car wall: Hairline stainless steel, black titanium stainless steel
Handrail: Mirror stainless steel flat handrail
Floor: PVC



SGM-015

Specification

Car top: Mirror stainless steel frame, Sprayed stainless steel, down lamp
Car wall: Mirror stainless steel, wood grain steel plate
Handrail: Stainless steel single tube
Floor: PVC

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SGM-016

Specification

Car top: Hairline stainless steel, acrylic lighting, down lamp
Car wall: Hairline stainless steel, mirror etched stainless steel
Handrail: None
Floor: PVC

SGM-017

Specification

Car top: Hairline stainless steel, acrylic lighting
Car wall: Hairline stainless steel, mirror etched stainless steel
Handrail: None
Floor: PVC

SGM-018

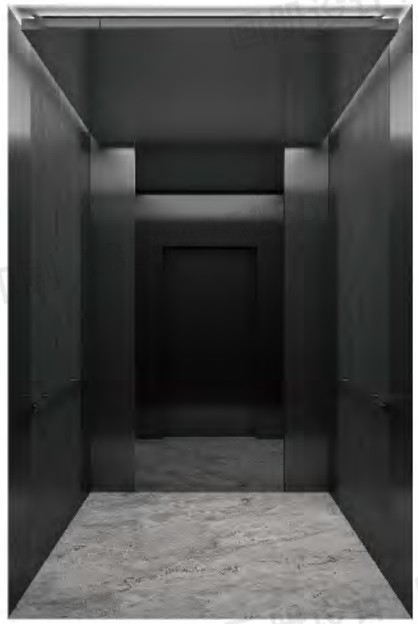
Specification

Car top: Mirror stainless steel, acrylic lighting, down lamp
Car wall: Hairline stainless steel, rose gold mirror etched stainless steel
Handrail: Stainless steel flat handrail
Floor: PVC

SGM-019

Specification

Car top: Black titanium stainless steel, acrylic lighting, down lamp
Car wall: Black titanium stainless steel, black titanium mirror etched stainless steel
Handrail: Stainless steel single tube
Floor: PVC



SGM-020

Specification

Car top: Black titanium stainless steel, hidden light strip
Car wall: Black titanium stainless steel, black titanium mirror stainless steel
Handrail: Black titanium stainless steel single tube
Floor: PVC

SGM-021

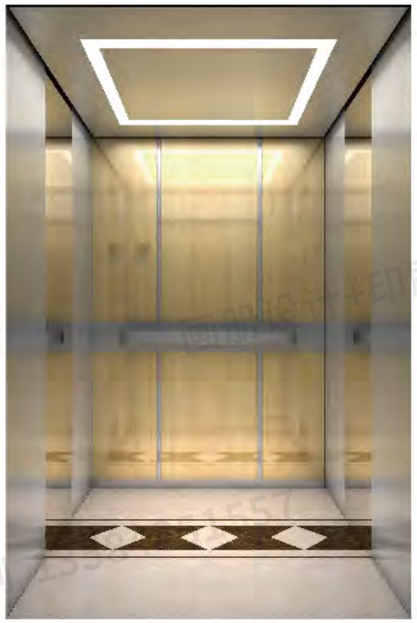
Specification

Car top: Black titanium stainless steel, acrylic lighting, down lamp
Car wall: Black titanium stainless steel, black titanium mirror etched stainless steel
Handrail: None
Floor: PVC

SGM-022

Specification

Car top: Hairline stainless steel, acrylic lighting
Car wall: Hairline stainless steel, mirror etched stainless steel
Handrail: Stainless steel flat handrail
Floor: PVC



SGM-023

Specification

Car top: Hairline stainless steel, acrylic lighting
Car wall: Hairline stainless steel, mirror stainless steel, imitation wood grain steel plate
Handrail: Stainless steel flat handrail
Floor: PVC

SGM-024

Specification

Car top: Mirror stainless steel, acrylic lighting
Car wall: Mirror etched stainless steel
Handrail: Stainless steel tube
Floor: PVC

SGM-025

Specification

Car top: Titanium gold mirror stainless steel, acrylic lighting, down lamp
Car wall: Titanium gold stainless steel, titanium gold mirror stainless steel
Handrail: None
Floor: PVC

SGM-026

Specification

Car top: Titanium gold mirror stainless steel, down lamp
Car wall: Titanium gold stainless steel, titanium gold mirror etched stainless steel
Handrail: None
Floor: PVC

SGM-027

Specification

Car top: Titanium gold mirror stainless steel, acrylic lighting, down lamp
Car wall: Titanium gold stainless steel, titanium gold mirror etched stainless steel
Handrail: Titanium gold stainless steel single tube
Floor: PVC

SGM-028

Car top: Titanium gold mirror stainless steel, acrylic lighting, down lamp
Car wall: Titanium gold mirror stainless steel, titanium gold mirror etched stainless steel
Handrail: Titanium gold stainless steel single tube
Floor: PVC

SGM-029

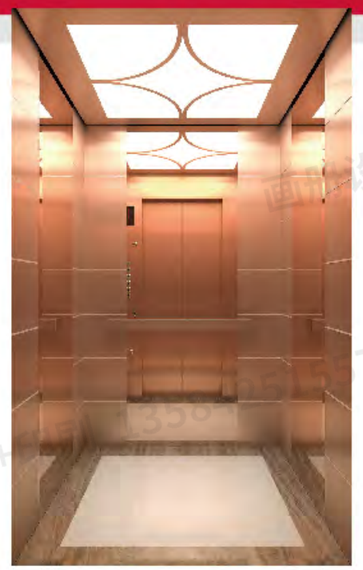
Car top: Champagne gold mirror stainless steel, acrylic lighting, down lamp
Car wall: Champagne gold hairline stainless steel, champagne gold mirror etched stainless steel
Handrail: Champagne gold stainless steel flat handrail
Floor: PVC

SGM-030

Car top: Titanium gold mirror stainless steel, acrylic lighting, down lamp
Car wall: Titanium gold stainless steel, titanium gold mirror etched stainless steel
Handrail: Titanium gold stainless steel single tube
Floor: PVC

SGM-031

Car top: Rose gold mirror stainless steel, down lamp
Car wall: Rose gold hairline stainless steel, rose gold mirror etched stainless steel
Handrail: None
Floor: PVC



SGM-032

Car top: Rose gold stainless steel, acrylic lighting
Car wall: Rose gold hairline stainless steel, rose gold mirror stainless steel
Handrail: Rose gold hairline stainless steel flat handrail
Floor: PVC

SGM-033

Car top: Rose gold stainless steel, acrylic lighting
Car wall: Rose gold hairline stainless steel, rose gold mirror stainless steel
Handrail: None
Floor: PVC

SGM-034

Car top: Rose gold mirror stainless steel, down lamp
Car wall: Rose gold hairline stainless steel, rose gold mirror etched stainless steel
Handrail: None
Floor: PVC

SGM-035

Car top: Rose gold mirror stainless steel, acrylic lighting, down lamp
Car wall: Rose gold hairline stainless steel, rose gold mirror stainless steel
Handrail: None
Floor: PVC

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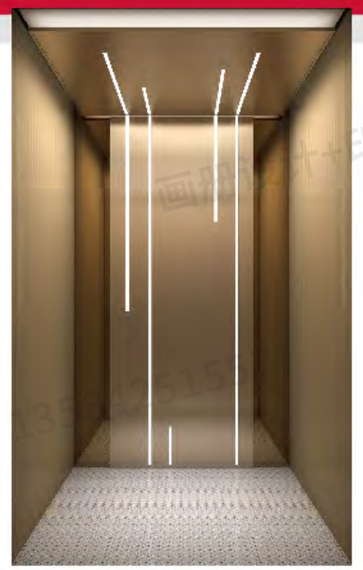
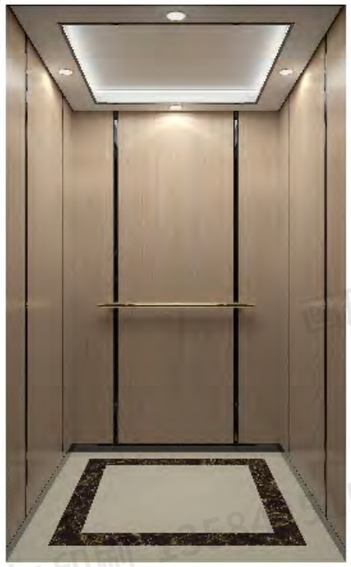
SGM-036

Car top: Mirror stainless steel, acrylic lighting, down lamp
Car wall: Wood grain steel plate, mirror stainless steel, mirror etched stainless steel
Handrail: Stainless steel single tube
Floor: PVC



SGM-037

Car top: Bronze stainless steel, LED light strip, hidden light source
Car wall: Wood grain steel plate, antique copper stainless steel embedded light strip, antique copper mirror stainless steel
Handrail: None
Floor: PVC



SGM-038

Car top: Sprayed stainless steel, hidden light source, down lamp
Car wall: Wood grain steel plate embedded with black titanium stainless steel strip
Handrail: Titanium mirror stainless steel tube
Floor: PVC

SGM-039

Car top: Dark bronze stainless steel, hidden light strip, tube lamp
Car wall: Dark bronze stainless steel, bronze mirror stainless steel
Handrail: Bronze mirror stainless steel single tube
Floor: PVC

SGM-040

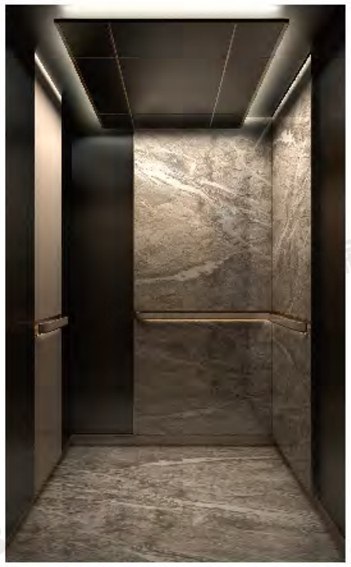
Car top: Mirror stainless steel, acrylic lighting, down lamp
Car wall: Wood veneer, mirror stainless steel
Handrail: Stainless steel single tube
Floor: PVC

SGM-041

Car top: Wood veneer frame, gold foil
Car wall: Wood veneer embedded with titanium gold stainless steel strip, mirror stainless steel
Handrail: Combination of solid wood and titanium alloy
Floor: PVC

SGM-042

Car top: Sprayed stainless steel, hidden light source, LED
Car wall: Wood veneer, champagne gold mirror stainless steel, decorative painting
Handrail: None
Floor: PVC



SGM-043

Car top: Black titanium stainless steel, hidden light source
Car wall: Black titanium stainless steel, marble finish, leather hard wrap
Handrail: Stainless steel flat handrail
Floor: PVC

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Obsaervation Elevator Car Decoration

SGM-044

Specification

Upper / lower cover: Steel plate baking paint
Observation wall: Safety laminated glass
Decoration top: Hairline stainless steel, acrylic lighting decoration
Car wall: Hairline stainless steel
Handrail: Stainless steel single tube
Floor: PVC

SGM-045

Specification

Upper / lower cover: Sprayed stainless steel, acrylic decoration
Observation wall: Safety laminated glass
Decoration top: Mirror stainless steel, acrylic lighting decoration
Car wall: Sprayed stainless steel
Handrail: Stainless steel single tube
Floor: PVC

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SGM-046

Specification

Upper / lower cover: Sprayed stainless steel, acrylic decoration
Observation wall: Safety laminated glass
Decoration top: Hairline stainless steel, acrylic lighting decoration
Car wall: Hairline stainless steel
Handrail: Stainless steel single tube
Floor: PVC

SGM-047

Specification

Upper / lower cover: Steel plate baked enamel , decoration lamp
Observation wall: 3PCS of safety laminated glass (5+5)
Decoration top: Central round acrylic top lamp , two-side LED
Car wall: Hairline stainless steel
Handrail: Stainless steel mono-tube
Floor: PVC

SGM-048

Specification

Upper / lower cover: Hairline stainless steel
Observation wall: Safety laminated glass
Decoration top: Hairline stainless steel, acrylic lighting decoration
Car wall: Hairline stainless steel
Handrail: Stainless steel double tube
Floor: PVC

SGM-049

Specification

Upper / lower cover: Hairline stainless steel
Observation wall: Safety laminated glass
Decoration top: Hairline stainless steel , acrylic lighting decoration, down lamp
Car wall: Hairline stainless steel
Handrail: Stainless steel mono-tube
Floor: PVC

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SGM-050

Specification

Upper / lower cover: Steel plate baked enamel , acrylic lighting decoration
Observation wall: Safety laminated glass
Decoration top: Mirror stainless steel , acrylic arch top panel , down lamp
Car wall: Hairline stainless steel panel
Handrail: Φ38 stainless steel tube
Floor: PVC

SGM-051

Specification

Upper / lower cover: Steel plate baked enamel , acrylic lighting decoration
Observation wall: Safety laminated glass
Decoration top: 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: Laminated glass
Handrail: Φ38 stainless steel tube
Floor: PVC

SGM-052

Specification

Upper / lower cover: Painted steel plate
Observation wall: Safety laminated glass
Decoration top: Hairline stainless steel , acrylic lighting decoration
Car wall: Safety laminated glass
Handrail: Stainless steel round handrail
Floor: PVC

SGM-053

Specification

Upper / lower cover: Mirror stainless steel
Observation wall: Safety laminated glass
Decoration top: Hairline stainless steel , acrylic lighting decoration
Car wall: Mirror stainless steel , safety laminated glass
Handrail: Mirror stainless steel hairline panel
Floor: PVC

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FREIGHT ELEVATOR CAR DECORATION

SGM-054

Specification

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

SGM-055

Specification

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

BED ELEVATOR CAR DECORATION

SGM-056

Specification

Car top: Paint steel , LED lighting
Car wall: Hairline stainless steel
Handrail: Double flat stainless steel
Floor: PVC

SGM-057

Specification

Car top: Paint steel , LED lighting , downlight
Car wall: Hairline stainless steel
Handrail: Double flat stainless steel
Floor: PVC

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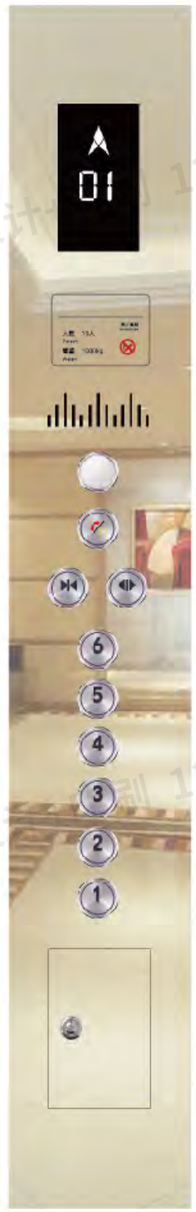
OPERATION PANDEL SERIES

C001
(Optional)

L001

C002
(Optional)

L002



C003
(Optional)

L003

C004
(Optional)

L004

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C005
(Optional)

L005

C006
(Optional)

L006

Call box (No bottom box series)

WH01

WH02

WH03

WH04

WH05

WH06

Hall lantern series

DZ01

DZ02

Outside the hall monitor

HX001

HX002

HX003

HX004

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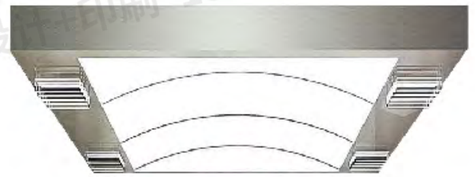
CEILING SERIES



▲ C-T001

White arch light-emitting panel , stainless steel mirror flame , strip light decoration

▲ C-T002

Stainless steel side frame , soft lighting design of arch white light-emitting panel

▲ C-T003

Mirror stainless steel, acrylic

▲ C-T004

The cylindrical hollow transparent lamp, soft lighting design with arched white transparent plate

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▲ C-T005

Hairline stainless steel frame, white transparent board, downlight

▲ C-T006

Soft lighting design of multilayer reflector with golden downlight

▲ C-T007

painted steel plate frame , white acrylic light-emitting

▲ C-T008

Soft lighting design of broad arch white light-emitting panel

▲ C-T009

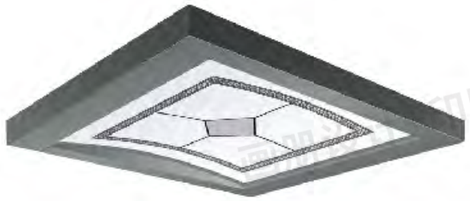
Painted steel plate light-box , down lamp lighting

▲ C-T010

The middle image is flat, soft lighting design of stainless steel floor with hollow diamond transparent lamp

▲ C-T011

Cylindrial hollow transparent light pole , soft lighting design of arcy white light-emitting panel



▲ C-T012

Soft lighting design of wide image dome

▲ C-T013

Soft lighting design of middle column and the golden white acrylic lamp

▲ C-T014

The middle image roof, both sides for soft illumination design of stainless steel floor with downlight

▲ C-T015

Mirror stainless steel, acrylic

▲ C-T016

Hanging lamp board and soft lighting design with square image subject downlight

▲ C-T017

The middle image roof, both sides for soft illumination design of stainless steel floor with downlight

▲ C-T018

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

▲ C-T019

In the spraying steel plate floor with golden bridge wall shine tube lamp and the middle part is soft lighting design of the arch white organic transparent plate

▲ C-T020

The middle image is flat on both sides, for soft illumination design of stainless steel floor with downlight

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LANDING DOOR SERIES

SGM-M001

Mirror,hairline

SGM-M002

Mirror,hairline

SGM-M003

Mirror,etching

SGM-M004

Mirror,etching

SGM-M005

Mirror,etching

SGM-M006

Mirror,etching

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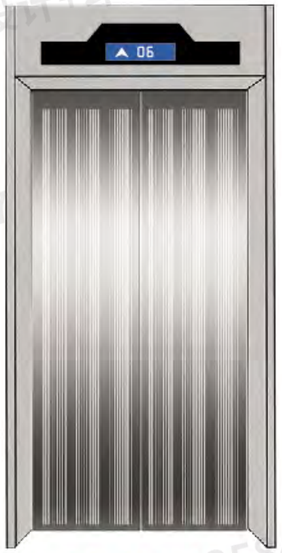

SGM-M007

Mirror,etching

SGM-M008

Mirror,hairline,etching

SGM-M009

Mirror,etching

SGM-M013

Mirror,etching,irregular grain

SGM-M014

Hairline,etching,titanium

SGM-M015

Mirror, etched, hairline, Irregular grain, titanium gold

SGM-M010

Mirror,etching

SGM-M011

Mirror,etching

SGM-M012

Mirror,etching

SGM-M016

Etched, hairline, titanium gold

SGM-M017

Mirror,etching

SGM-M018

Mirror,etching,hairline

SGM-M019

Mirror,etching

SGM-M020

Mirror,etching,hairline

SGM-M021

Mirror,etching,hairline

SGM-M025

Mirror,etching

SGM-M026

Mirror,etching,hairline

SGM-M027

Etching,hairline

SGM-M022

Mirror,etching,hairline

SGM-M023

Mirror,etching,hairline

SGM-M024

Mirror,etching,hairline

SGM-M028

Mirror,etching,hairline

SGM-M029

Mirror,etching,hairline

SGM-M030

Mirror,etching

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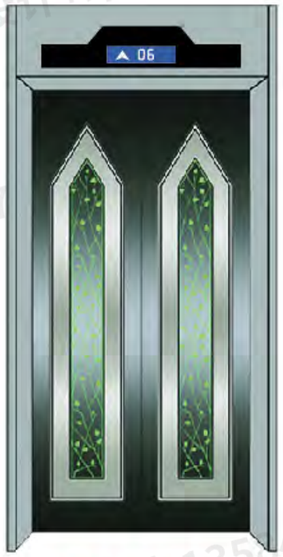
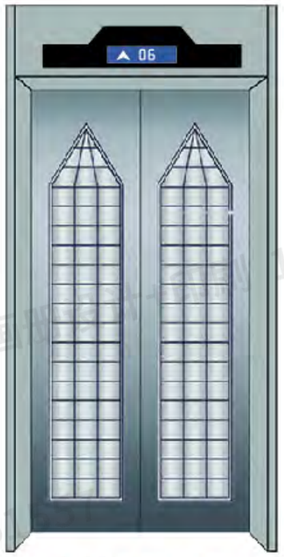
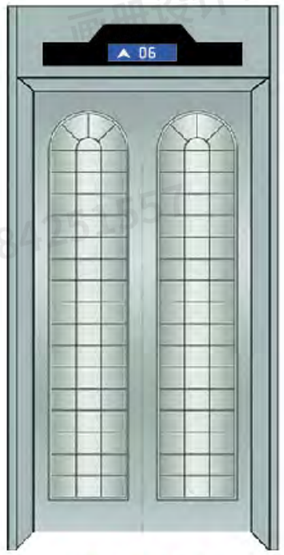


SGM-M031
Hairline,etching



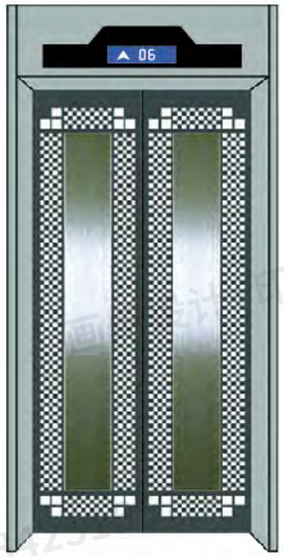
SGM-M032
Hairline, etching



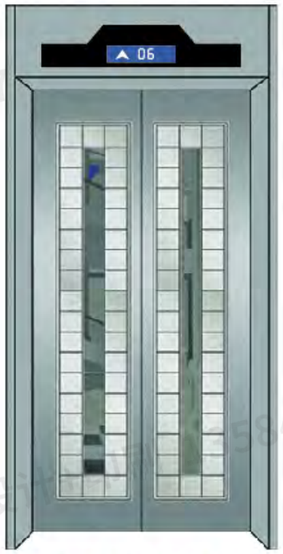
SGM-M033
Mirror,etching

SGM-M037
Hairline, etching

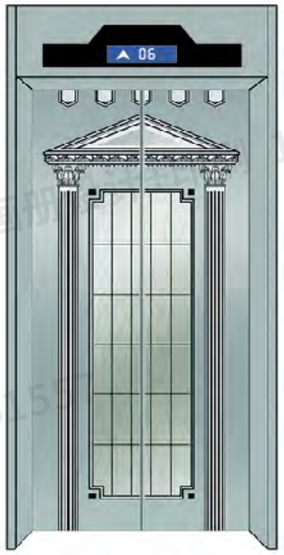
SGM-M038
Hairline, etching



SGM-M039
Hairline, etching



SGM-M034
Mirror, hairline, etching



SGM-M035
Mirror, hairline, etching

SGM-M036
Mirror, etched

SGM-M040
Mirror,etched,irregular grain

SGM-M041
Mirror,etched,irregular grain

SGM-M042
Mirror, etched

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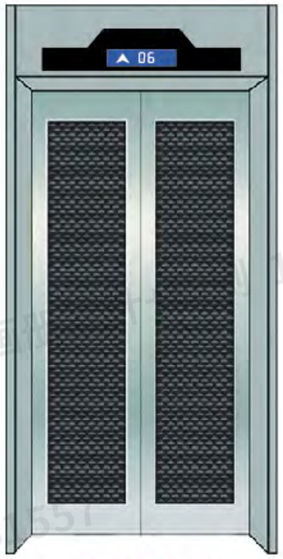
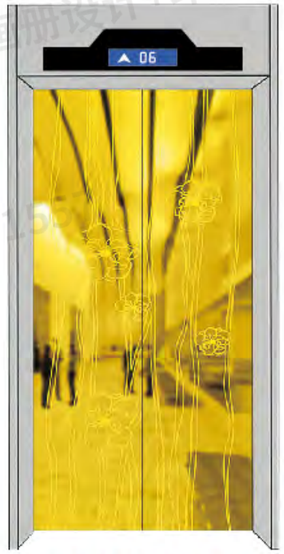
SGM-M043
Hairline, etching



SGM-M044
Hairline, etching

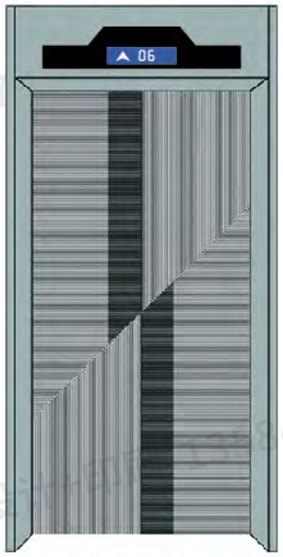
SGM-M045
Mirror, etched

SGM-M049
Titanium gold,mirror,etched



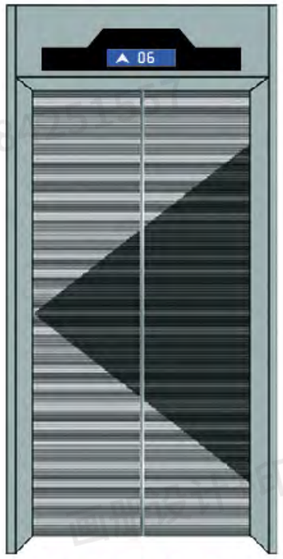
SGM-M050
Titanium gold,mirror,etched

SGM-M051
titanium,mirror,etched,hairline,
Irregular grain



SGM-M046
Hairline, etching

SGM-M047
Hairline, etching



SGM-M048
Hairline, etching

SGM-M052
Titanium gold,mirror,etched

SGM-M053
Titanium gold,mirror,etched

SGM-M054
Titanium gold,mirror,etched

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SGM-M055

Titanium gold,mirror,etched

SGM-M056

Titanium gold,mirror,etched

SGM-M057

Titanium gold,mirror,etched

SGM-M061

Titanium gold,mirror,etched

SGM-M062

Titanium gold,mirror,etched

SGM-M063

Titanium gold,mirror,etched

SGM-M058

Titanium gold,mirror,etched

SGM-M059

Titanium gold,mirror,etched

SGM-M060

Titanium gold,mirror,etched

SGM-M064

Titanium gold,mirror,etched

SGM-M065

Titanium gold,mirror,etched

SGM-M066

Titanium gold,mirror,etched

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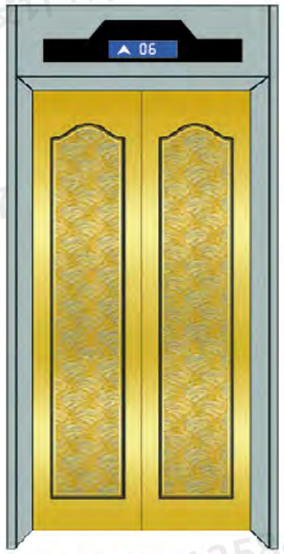


SGM-M067

Titanium gold, etching

SGM-M068

Titanium gold, etching

SGM-M069

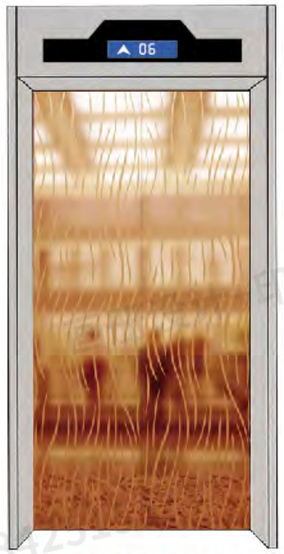
Titanium gold, etching

SGM-M073

Rose gold, etching

SGM-M074

Rose gold, etching



SGM-M075

Rose gold, etching

SGM-M070

Titanium gold, etching

SGM-M071

Titanium, mirror, etching, Irregular grain

SGM-M072

Titanium, mirror, etching, Irregular grain

SGM-M076

Rose gold, etching

SGM-M077

Rose gold, etching

SGM-M078

Rose gold, etching

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HANDRAIL SERIES

SGM-F001 Stainless steel tube matte hairline Φ 51x1000 (mm)

SGM-F002 Titanium gold matte hairline mono-tube Φ 51x1000 (mm)

SGM-F003 Double combination of mirror and stainless steel tube Φ 51x1000 (mm)

SGM-F004 Double combination of titanium gold and stainless steel tube Φ 51x1000 (mm)

SGM-F005 Triple combination of stainless steel tube mirror Φ 51x1000 (mm)

SGM-F006 Triple combination of titanium gold stainless steel tube Φ 51x1000 (mm)

SGM-F007 Combination of titanium gold and stainless steel tube mirror Φ 51x1000 (mm)

SGM-F008 Combination of log and titanium gold Φ 51x1000 (mm)

SGM-F009 Log Φ 51x1000 (mm)

SGM-F010 Organic column handrail Φ 51x1000 (mm)

SGM-F011 6mm stainless steel short grain, arc head Φ 80x1000 (mm)

SGM-F012 6mm stainless steel titanium gold short grain, arc head Φ 80x1000 (mm)

SGM-F013 6mm stainless steel titanium gold short grain, etched, arc head Φ 80x1000 (mm)

SGM-F014 Stainless steel short grain, square head Φ 51x1000 (mm)

SGM-F015 Stainless steel titanium gold hairline, square head Φ 80x1000 (mm)

SGM-F016 Hairline panel square handrail Φ 80x1000 (mm)

SGM-F017 Annatto twist Φ 51x1000 (mm)

SGM-F018 Marble handrail Φ 51x1000 (mm)

SGM-F019 Oval wooden and titanium gold combined handrail Φ 51x1000 (mm)

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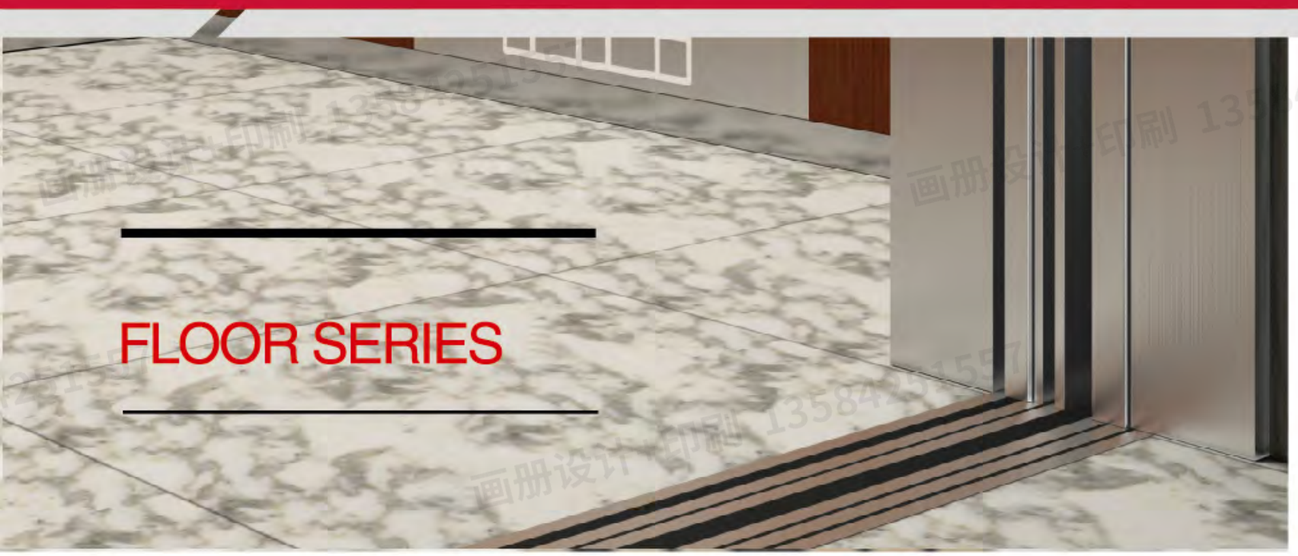


SGM-D007

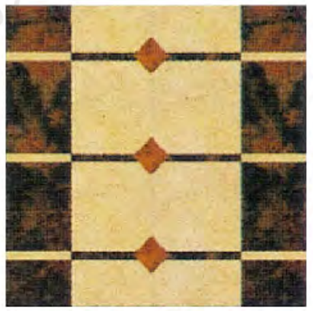
SGM-D008

SGM-D009

SGM-D001

SGM-D002

SGM-D003


SGM-D010

SGM-D011

SGM-D012

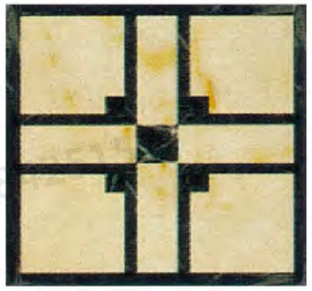
SGM-D004

SGM-D005

SGM-D006

SGM-D013

SGM-D014


SGM-D015

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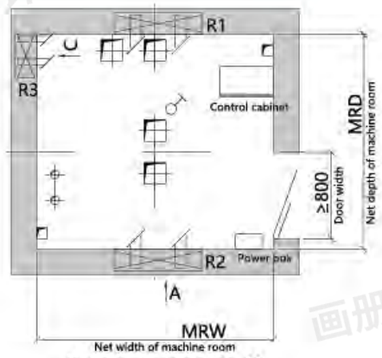
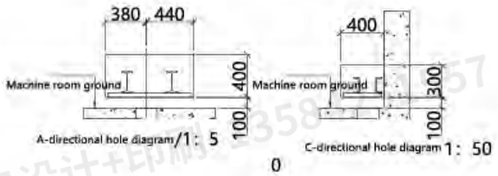
SMALL MACHINE ROOM PASSENGER ELEVATOR CONSTRUCTION SKETCH

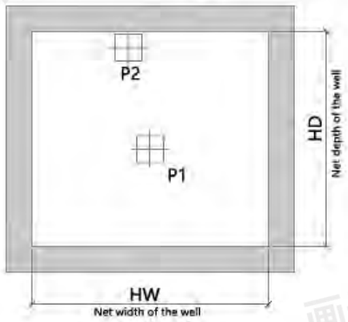


Machine room layout chart /1: 60

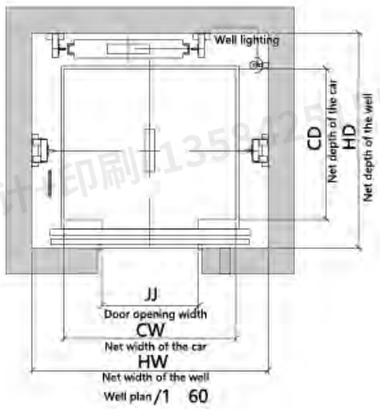


A-directional hole diagram /1: 5

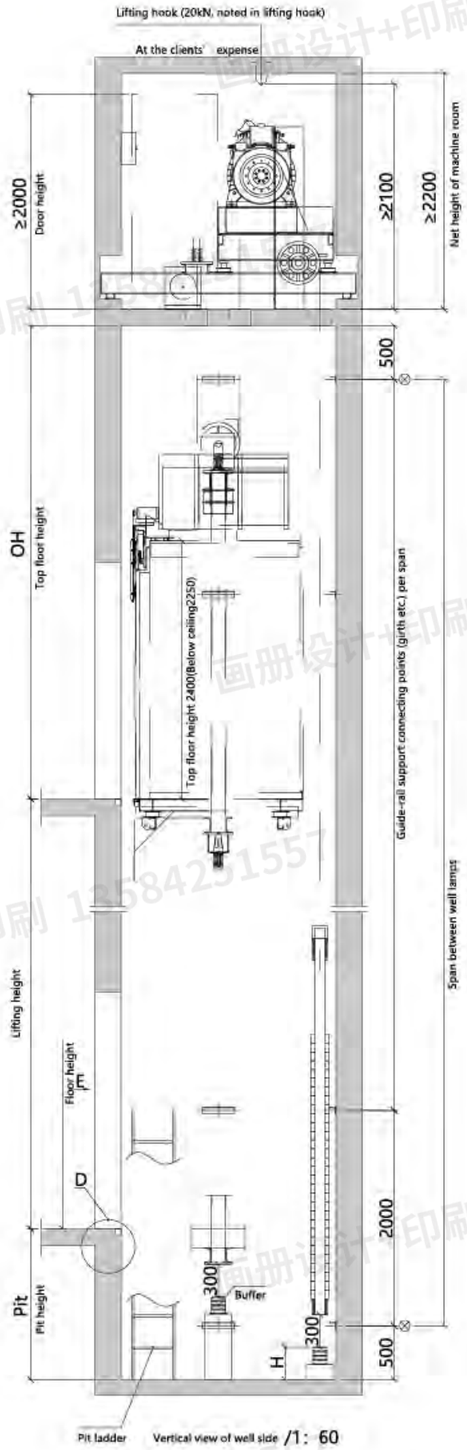
C-directional hole diagram 1: 50



Pit plan /1: 60



Well plan /1 60



Vertical view of well side /1: 60

Model	Load KG	Passenger NO.	speed m/s	(mm) Car specification CWxCD	(mm) Door opening size JJxOPH	(mm) Well size HWxHD	(mm) Machine room size MRWxMRD	(mm) Pit depth Pit	(mm) Top floor height OH	Power	(N) Acting force R1	R2	R3	P1	P2
TKJ450/1.0	450	6	1	1100x1100	700x2100	1700x1700	1700x1700	1400	4500	3.2	28800	17200	1900	44000	35000
TKJ450/1.5			1.5					1500	4600	4.9					
TKJ630/1.0	630	8	1	1400x1100	800x2100	2000x1700	2000x1700	1400	4500	4.3	35200	21800	4300	58000	45600
TKJ630/1.5			1.5					1500	4600	6.4					
TKJ630/1.75			1.75					1600	4700	7.5					
TKJ800/1.0	800	10	1	1400x1350	800x2100	2000x2000	2000x2000	1400	4500	5.4	44800	27400	5400	72000	56000
TKJ800/1.5			1.5					1500	4600	8.1					
TKJ800/1.75			1.75					1600	4700	9.4					
TKJ1000/1.0	1000	13	1	1600x1400	900x2100	2200x2000	2200x2000	1400	4500	6.7	53400	32200	6000	88000	68000
TKJ1000/1.5			1.5					1500	4600	10					
TKJ1000/1.75			1.75					1600	4700	11.7					
TKJ1150/1.0	1150	15	1	1900x1400	1000x2100	2500x2100	2500x2100	1400	4600	7.8	55600	36300	7800	98000	75000
TKJ1150/1.5			1.5					1500	4700	11.7					
TKJ1150/1.75			1.75					1600	4800	13.6					
TKJ1250/1.0	1250	16	1	1900x1500	1100x2100	2500x2200	2500x2200	1400	4600	8.5	60400	39400	8500	106000	81000
TKJ1250/1.5			1.5					1500	4700	12.7					
TKJ1250/1.75			1.75					1600	4800	14.9					
TKJ1350/1.0	1350	18	1	1900x1600	1100x2100	2500x2300	2500x2300	1400	4600	9.2	67200	43400	8700	114000	87000
TKJ1350/1.5			1.5					1500	4700	13.8					
TKJ1350/1.75			1.75					1600	4800	16.1					
TKJ1600/1.0	1600	21	1	2000x1750	1200x2100	2600x2450	2600x2450	1400	4600	11	73600	47600	9600	128000	96000
TKJ1600/1.5			1.5					1500	4700	16.6					
TKJ1600/1.75			1.75					1600	4800	19.4					

(The data is for design reference only. Regarding detailed parameters, please take technical drawing as criterion.)
Note: If specification exceeds above range, please contact SIGMA Elevator Company.

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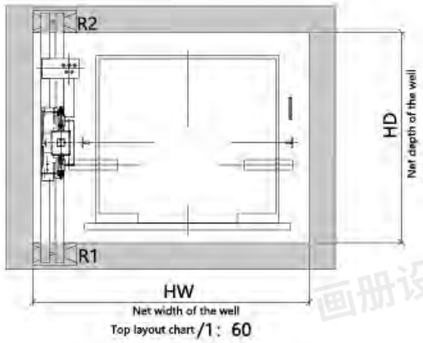
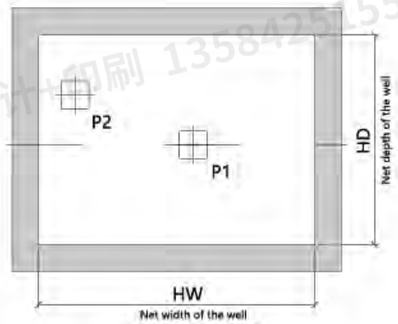
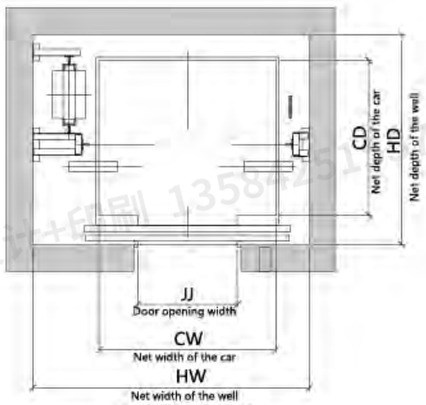
MACHINE ROOM-LESS PASSENGER ELEVATOR CONSTRUCTION SKETCH (ECONOMICAL)



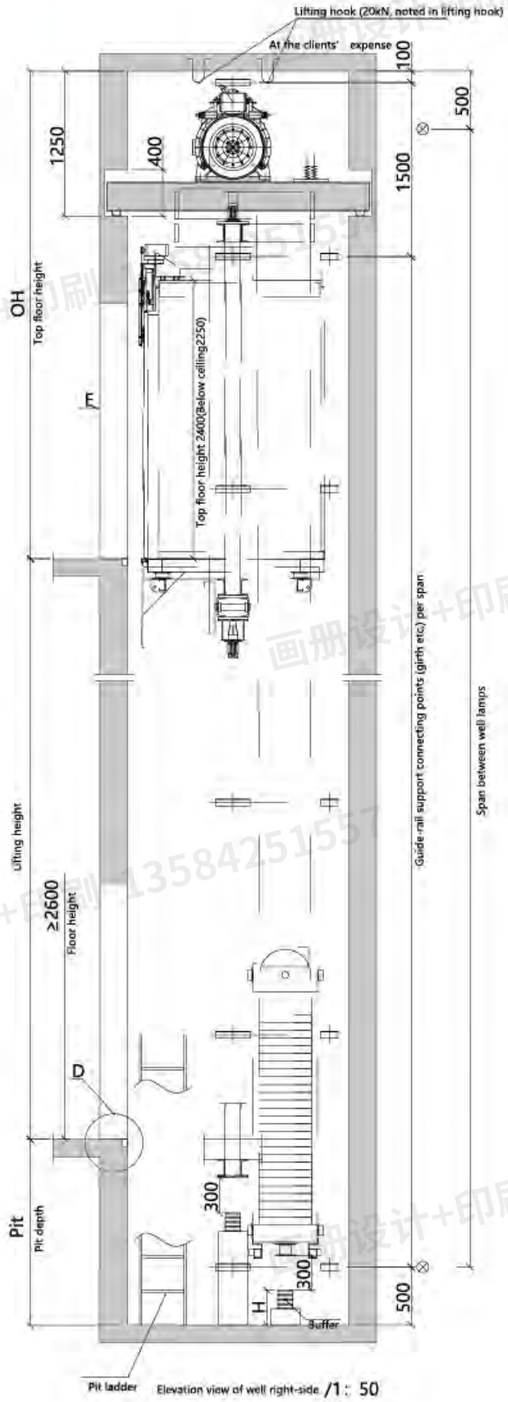
Top layout chart /1：60



Pit layout chart /1：60



Well layout chart /1：60



Elevation view of well right-side /1：50

Model	Load KG	Passenger NO.	speed m/s	(mm) Car specification CWxCD	(mm) Door opening size JJxOPH	(mm) Well size HWxHD	(mm) Pit depth Pit	(mm) Top floor height OH	Power	(N) Acting force R1	R2	P1	P2
TKJW450/1.0	450	6	1	1100x1100	700x2100	2000x1700	1600	4300	3.2	16500	21000	44000	35000
TKJW450/1.5			1.5				1700	4400	4.9				
TKJW630/1.0	630	8	1	1400x1100	800x2100	2300x1700	1600	4300	4.3	19800	26400	58000	45600
TKJW630/1.5			1.5				1700	4400	6.4				
TKJW630/1.75			1.75				1700	4400	7.5				
TKJW800/1.0	800	10	1	1400x1350	800x2100	2300x1800	1600	4300	5.4	25700	27100	72800	56000
TKJW800/1.5			1.5				1700	4400	8.1				
TKJW800/1.75			1.75				1700	4400	9.4				
TKJW1000/1.0	1000	13	1	1600x1400	900x2100	2500x1900	1600	4300	6.7	27400	39600	88000	68000
TKJW1000/1.5			1.5				1700	4400	10				
TKJW1000/1.75			1.75				1700	4400	11.7				
TKJW1150/1.0	1150	15	1	1900x1400	1000x2100	2800x2000	1600	4300	7.8	30400	43600	92000	75000
TKJW1150/1.5			1.5				1700	4400	11.7				
TKJW1150/1.75			1.75				1700	4400	13.6				
TKJW1250/1.0	1250	16	1	1900x1500	1100x2100	2900x2000	1600	4300	8.5	32200	46800	106000	81000
TKJW1250/1.5			1.5				1700	4400	12.7				
TKJW1250/1.75			1.75				1700	4400	14.9				
TKJW1350/1.0	1350	18	1	1900x1600	1100x2100	2900x2400	1600	4400	9.2	37600	46400	114000	87000
TKJW1350/1.5			1.5				1700	4500	13.8				
TKJW1350/1.75			1.75				1700	4500	16.1				
TKJW1600/1.0	1600	21	1	2000x1750	1200x2100	3000x2400	1600	4400	11	39600	56500	128000	96000
TKJW1600/1.5			1.5				1700	4500	16.6				
TKJW1600/1.75			1.75				1700	4500	19.4				

(The data is for design reference only. Regarding detailed parameters, please take technical drawing as criterion.)
Note: If specification exceeds above range, please contact SIGMA Elevator Company.

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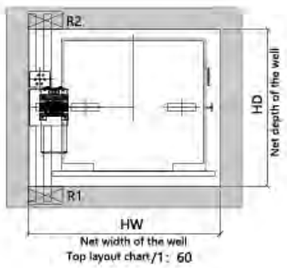
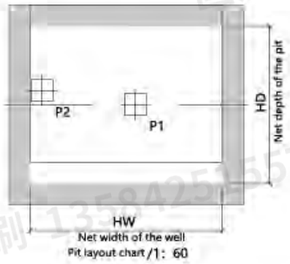
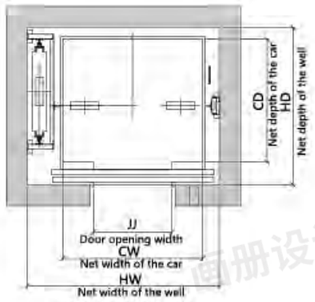
MACHINE ROOM-LESS PASSENGER ELEVATOR CONSTRUCTION SKETCH (COMPACT)



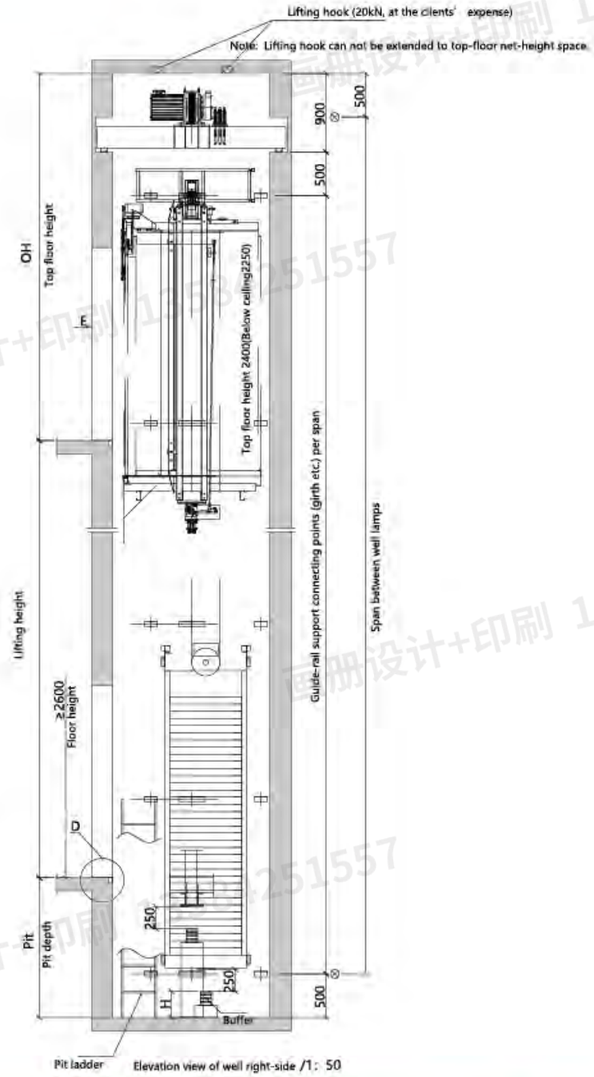
Top layout chart /1：60



Pit layout chart /1：60



Well layout chart /1：60

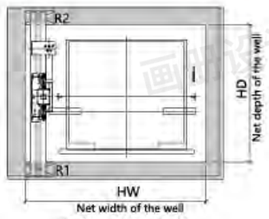


Elevation view of well right-side /1：50

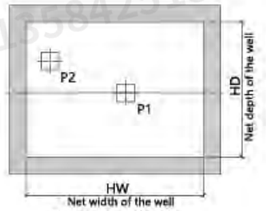
Model	Load KG	Passenger NO.	speed m/s	(mm) Car specification CWxCD	(mm) Door opening size JJxOPH	(mm) Well size HWxHD	(mm) Pit depth Pit	(mm) Top floor height OH	Power	(N) Acting force R1	R2	P1	P2
TKJW630/1.0	630	8	1	1200x1350	700x2100	1850x1750	1500	4600	4.0	19800	26400	58000	45600
TKJW630/1.5			1.5				1600	4700	6.3				
TKJW630/1.75			1.75				1700	4800	7.3				
TKJW800/1.0	800	10	1	1400x1350	800x2100	2050x1750	1500	4600	5.4	25700	27100	72800	56000
TKJW800/1.5			1.5				1600	4700	8.1				
TKJW800/1.75			1.75				1700	4800	9.4				
TKJW1000/1.0	1000	13	1	1600x1400	900x2100	2250x1800	1500	4600	6.7	27400	39600	88000	68000
TKJW1000/1.5			1.5				1600	4700	10.1				
TKJW1000/1.75			1.75				1700	4800	11.8				

(The data is for design reference only. Regarding detailed parameters, please take technical drawing as criterion.)
Note: If specification exceeds above range, please contact SIGMA Elevator Company.

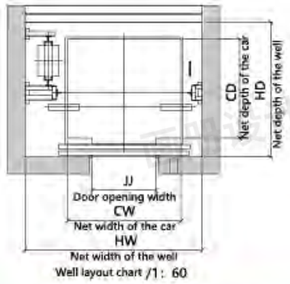
MACHINE ROOM-LESS OBSERVATION ELEVATOR CONSTRUCTION SKETCH (SQUARE)



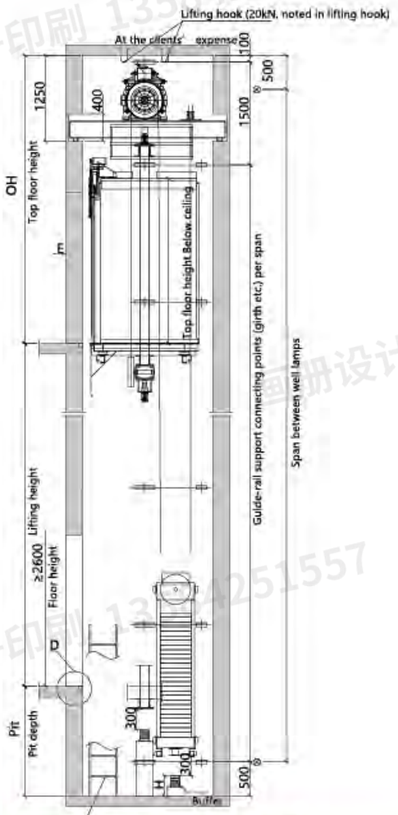
Top layout chart /1：60



Pit layout chart /1：60



Well layout chart /1：60



Elevation view of well right-side /1：50

Model	Load KG	Passenger NO.	speed m/s	(mm) Car specification CWxCD	(mm) Door opening size JJxOPH	(mm) Well size HWxHDmin-HDmax	(mm) Pit depth Pit	(mm) Top floor height OH	Power	(N) Acting force R1	R2	P1	P2
TGJW450/1.0	450	6	1	1100x1100	700x2100	2000x1700	1600	4600	3.2	16500	21000	44000	35000
TGJW450/1.5			1.5				1700	4700	4.9				
TGJW630/1.0	630	8	1	1200x1300	800x2100	2100x1800	1600	4600	4.3	19800	26400	58000	45600
TGJW630/1.5			1.5				1700	4700	6.4				
TGJW630/1.75			1.75				1700	4800	7.5				
TGJW800/1.0	800	10	1	1400x1350	800x2100	2300x1800	1600	4600	5.4	25700	27100	72800	56000
TGJW800/1.5			1.5				1700	4700	8.1				
TGJW800/1.75			1.75				1700	4700	9.4				
TGJW1000/1.0	1000	13	1	1600x1400	900x2100	2500x1900	1600	4600	6.7	27400	39600	88000	68000
TGJW1000/1.5			1.5				1700	4700	10				
TGJW1000/1.75			1.75				1700	4700	11.7				
TGJW1150/1.0	1150	15	1	1900x1400	1000x2100	2800x2000	1600	4600	7.8	30400	43600	92000	75000
TGJW1150/1.5			1.5				1700	4700	11.7				
TGJW1150/1.75			1.75				1700	4700	13.6				
TGJW1250/1.0	1250	16	1	1900x1500	1100x2100	2900x2000	1600	4600	8.5	32200	46800	106000	81000
TGJW1250/1.5			1.5				1700	4700	12.7				
TGJW1250/1.75			1.75				1700	4700	14.9				
TGJW1350/1.0	1350	18	1	1900x1600	1100x2100	2900x2400	1600	4600	9.2	37600	46400	114000	87000
TGJW1350/1.5			1.5				1700	4700	13.8				
TGJW1350/1.75			1.75				1700	4700	16.1				
TGJW1600/1.0	1600	21	1	2000x1750	1200x2100	3000x2400	1600	4600	11	39600	56500	128000	96000
TGJW1600/1.5			1.5				1700	4700	16.6				
TGJW1600/1.75			1.75				1700	4700	19.4				

(The data is for design reference only. Regarding detailed parameters, please take technical drawing as criterion.)
Note: If specification exceeds above range, please contact SIGMA Elevator Company.

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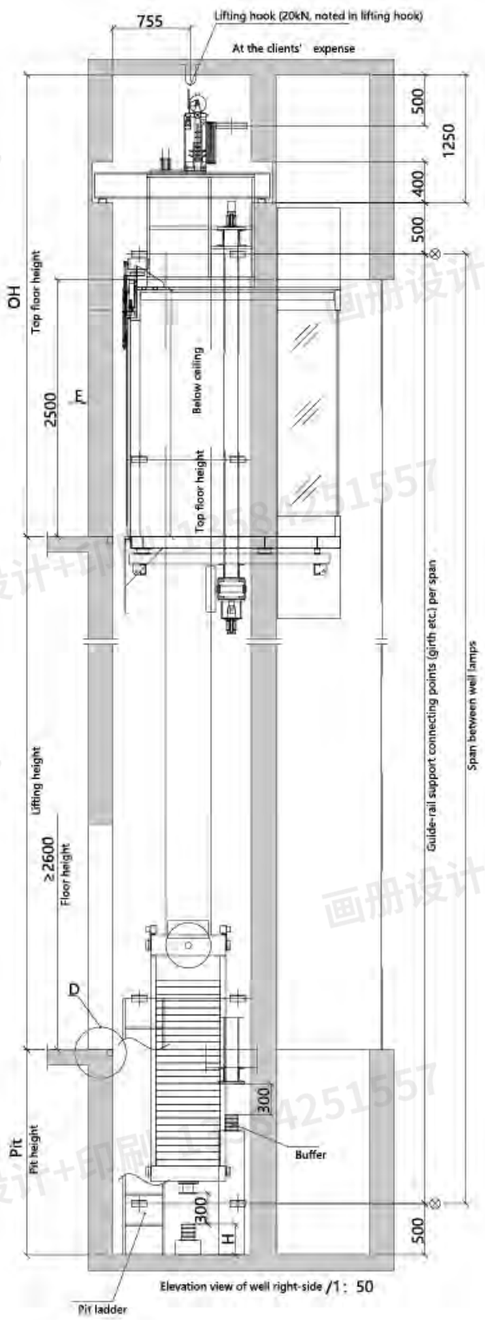
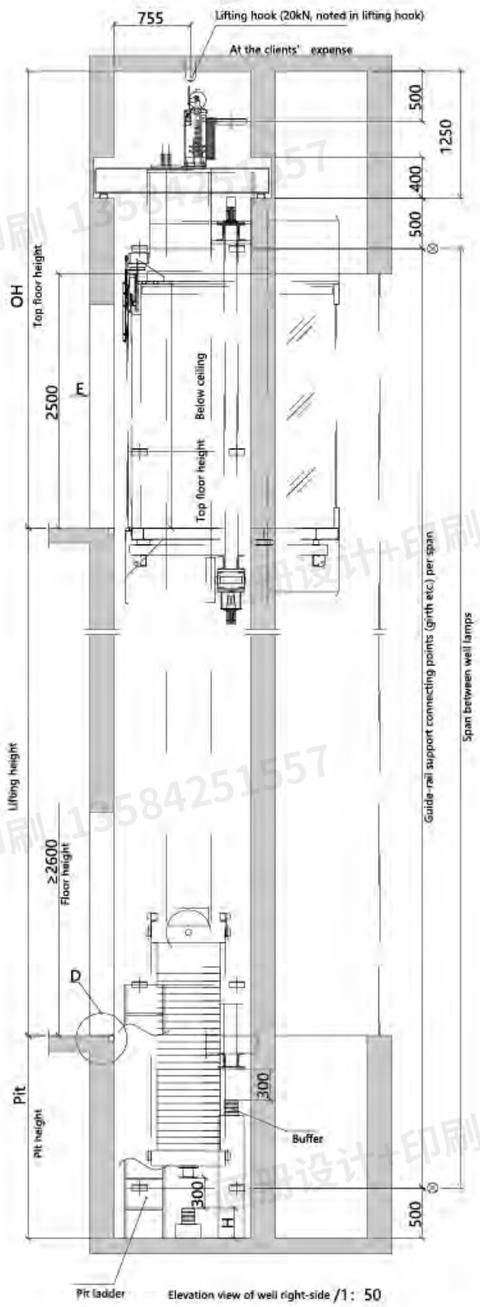
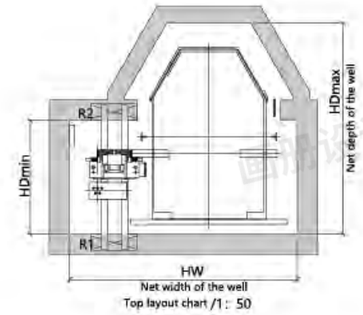
MACHINE ROOM-LESS OBSERVATION ELEVATOR CONSTRUCTION SKETCH (ROUND/DIAMOND)



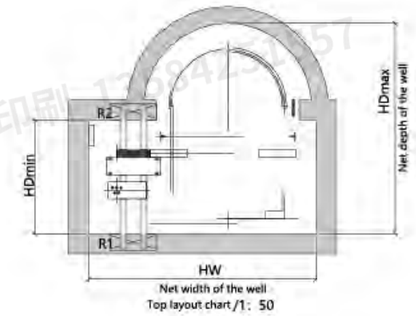
Elevation view of well right-side /1：50



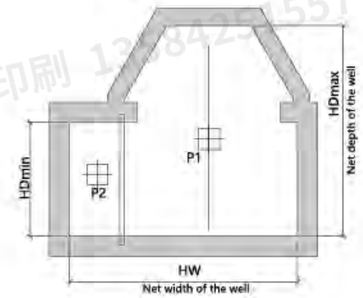
Elevation view of well right-side /1：50



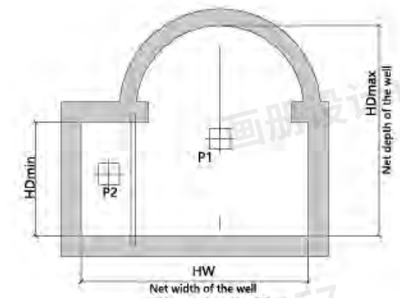
Top layout chart /1：50



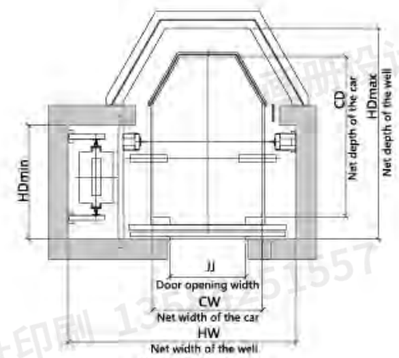
Top layout chart /1：50



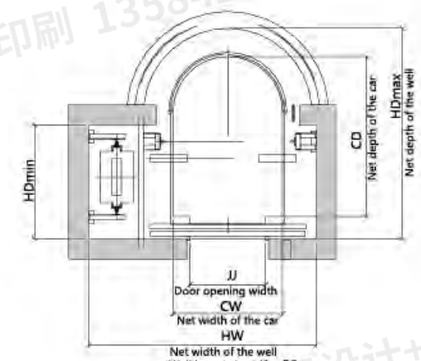
Pit layout chart /1：50



Pit layout chart /1：50



Well layout chart /1：50



Well layout chart /1：50

Model	Load KG	Passenger NO.	speed m/s	(mm) Car specification CWxCD	(mm) Door opening size JJxOPH	(mm) Well size HWxHDmin-HDmax	(mm) Pit depth Pit	(mm) Top floor height OH	Power	(N) Acting force R1	R2	P1	P2
TGJW450/1.0	450	6	1	1000x1400	700x2100	2400x1050-2000	1800	4600	3.2	17600	22400	52000	41000
TGJW450/1.5			1.5				1900	4700	4.9				
TGJW630/1.0	630	8	1	1100x1600	800x2100	2500x1200-2200	1800	4600	4.3	21200	28800	65000	52000
TGJW630/1.5			1.5				1900	4700	6.4				
TGJW630/1.75			1.75				1900	4700	7.5				
TGJW800/1.0	800	10	1	1200x1800	800x2100	2600x1300-2400	1800	4600	5.4	25200	35200	80000	64000
TGJW800/1.5			1.5				1900	4700	8.1				
TGJW800/1.75			1.75				1900	4700	9.4				
TGJW1000/1.0	1000	13	1	1300x1900	900x2100	2700x1350-2500	1800	4600	6.7	29200	42800	96000	76000
TGJW1000/1.5			1.5				1900	4700	10				
TGJW1000/1.75			1.75				1900	4700	11.7				
TGJW1600/1.0	1600	21	1	1700x2200	1100x2100	3100x1500-2800	1800	4600	11	36600	63400	136000	104000
TGJW1600/1.5			1.5				1900	4700	16.6				
TGJW1600/1.75			1.75				1900	4800	19.4				

(The data is for design reference only. Regarding detailed parameters, please take technical drawing as criterion.)
Note: If specification exceeds above range, please contact SIGMA Elevator Company.

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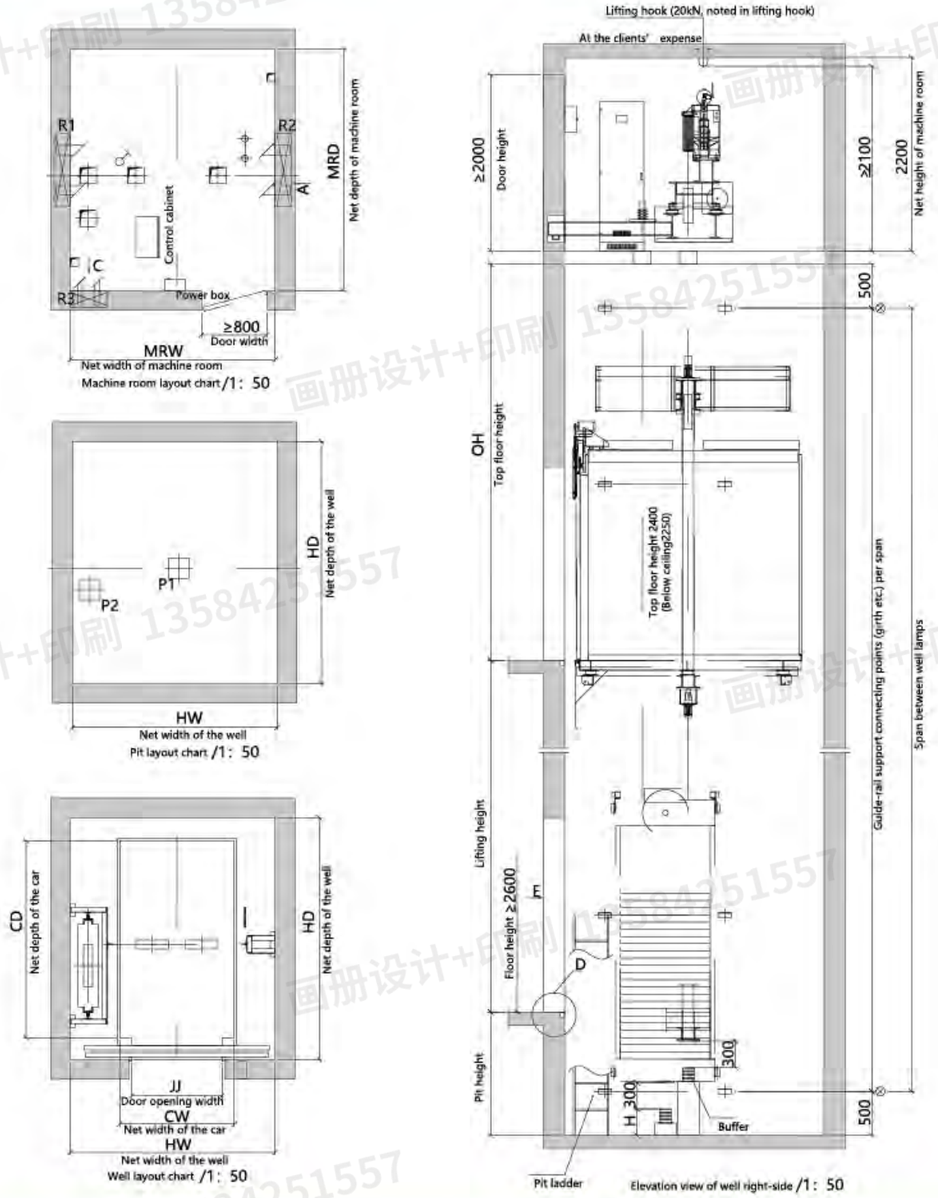
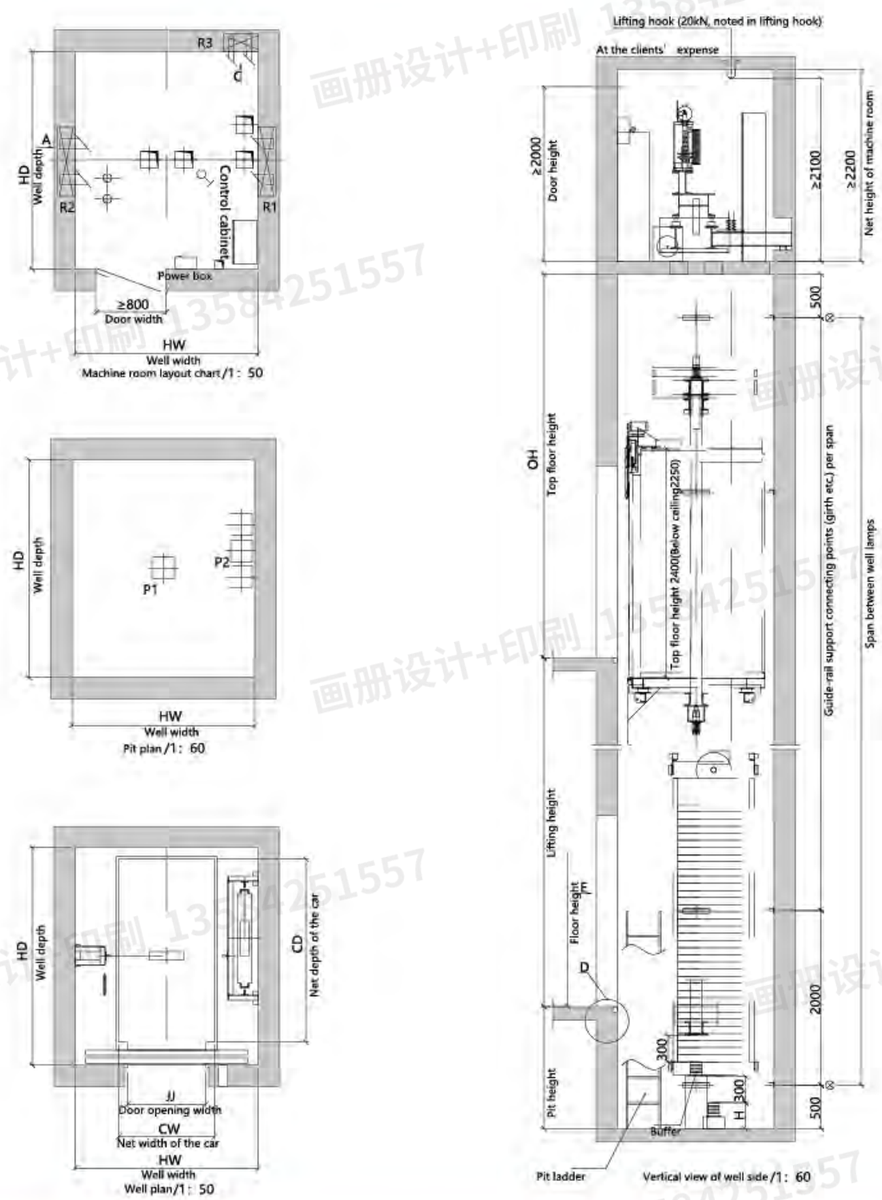
HOSPITAL ELEVATOR CONSTRUCTION SKETCH



Model	Load KG	Passenger NO.	speed m/s	(mm) Car specification CWxCD	(mm) Door opening size JJxOPH	(mm) Well size HWxHD	(mm) Machine room size MRWxMRD	(mm) Pit depth Pit	(mm) Top floor height OH	Power	(N) Acting force R1	R2	R3	P1	P2
TBJ1600/1.0	1600	21	1	1400x2400	1100x2100	2500x2950	2500x2950	1400	4600	11	73600	47600	9600	128000	96000
TBJ1600/1.5			1.5					1500	4700	16.6					
TBJ1600/1.75			1.75					1600	4800	19.4					

(The data is for design reference only. Regarding detailed parameters, please take technical drawing as criterion.)
Note: If specification exceeds above range, please contact SIGMA Elevator Company.

STRETCHER ELEVATOR CONSTRUCTION SKETCH



Model	Load KG	Passenger NO.	speed m/s	(mm) Car specification CWxCD	(mm) Door opening size JJxOPH	(mm) Well size HWxHD	(mm) Machine room size MRWxMRD	(mm) Pit depth Pit	(mm) Top floor height OH	Power	(N) Acting force R1	R2	R3	P1	P2
TKJ1000/1.0	1000	13	1	1100x2100	900x2100	2100x2500	2100x2500	1400	4500	6.7	53400	32200	6000	88000	68000
TKJ1000/1.5			1.5					1500	4600	10					
TKJ1000/1.75			1.75					1600	4700	11.7					

(The data is for design reference only. Regarding detailed parameters, please take technical drawing as criterion.)
Note: If specification exceeds above range, please contact SIGMA Elevator Company.

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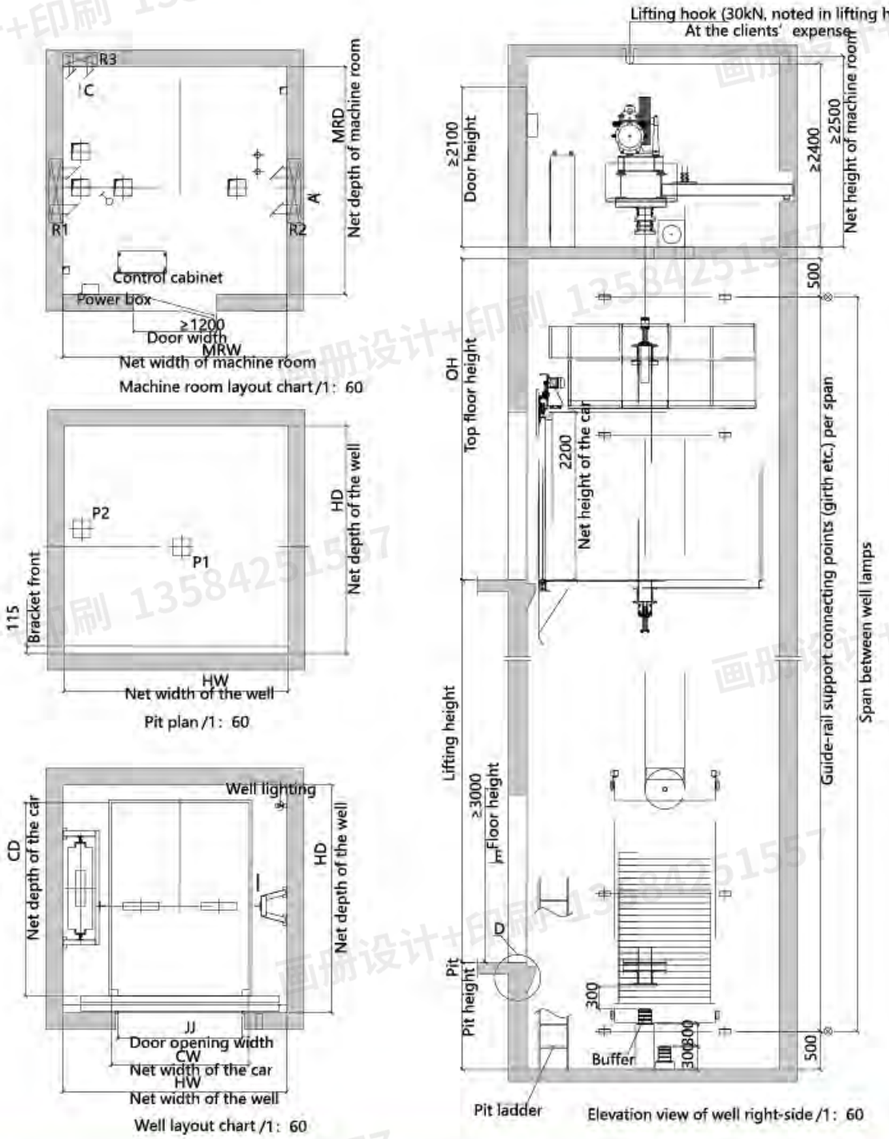
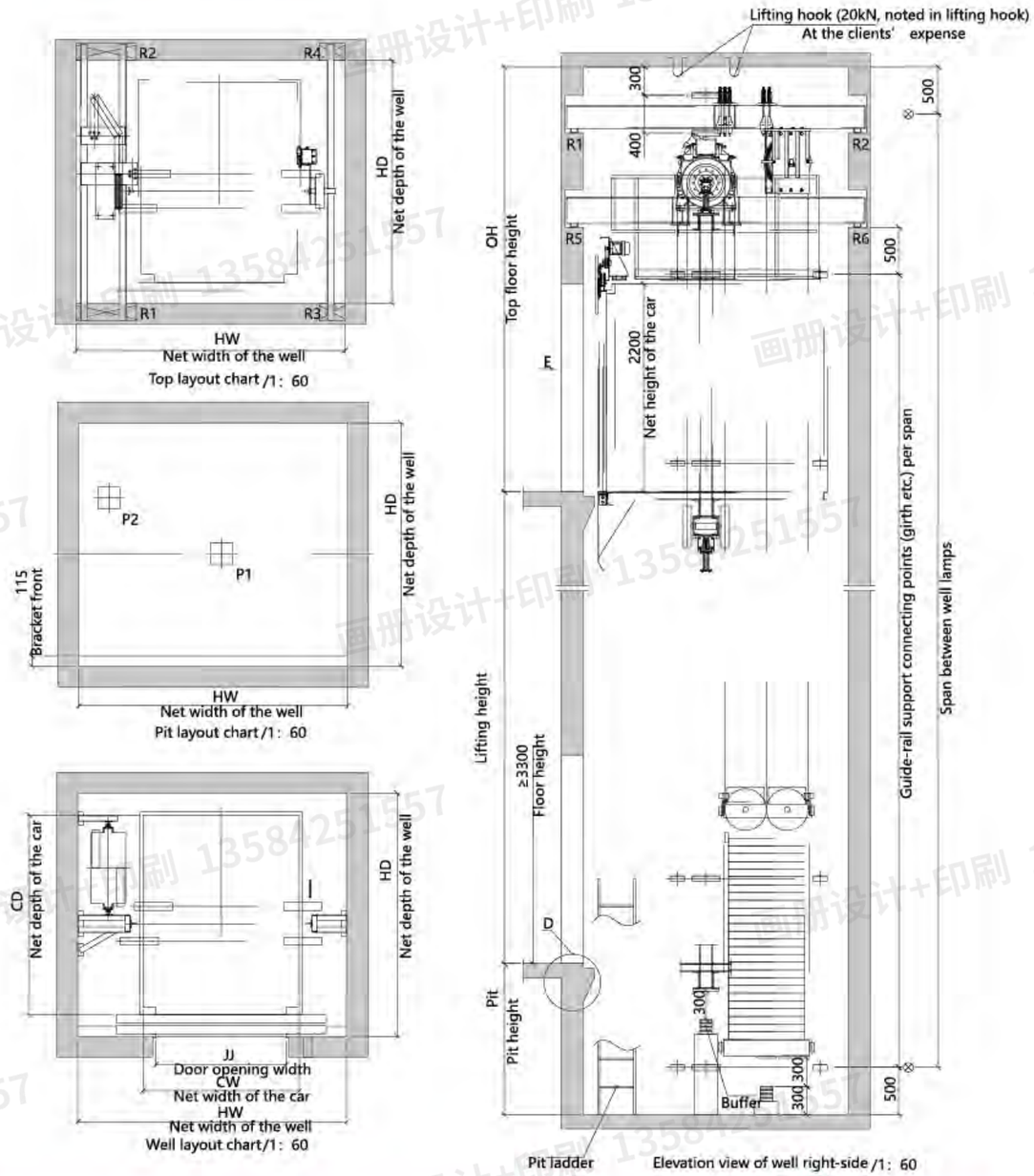
FREIGHT ELEVATOR CONSTRUCTION SKETCH



Model	Load KG	speed m/s	(mm) Car specification CWxCD	(mm) Door opening size JJxOPH	(mm) Well size HWxHD	(mm) Machine room size MRWxMRD	(mm) Pit depth Pit	(mm) Top floor height OH	Power	(N) Acting force R1	R2	R3	P1	P2
THJ1000/0.5	1000	0.5	1400x1700	1200x2100	2200x2200	2500x2500	1500	4200	7.5	54600	47800	7400	88000	68000
THJ1600/0.5	1600	0.5	1500x2300	1400x2100	2500x2800	2500x2800	1500	4200	11	67600	58200	7400	124000	92000
THJ2000/0.5	2000	0.5	1800x2300	1500x2100	2800x2800	2800x2800	1500	4200	11	85600	55200	8400	144000	104000
THJ3000/0.5	3000	0.5	2000x2800	1800x2100	3250x3300	3250x3300	1500	4200	15	144800	75200	12000	224000	164000
THJ4000/0.5	4000	0.5	2200x3300	2200x2300	3700x3800	3700x3800	1500	5000	18.5	190000	105200	16400	148000	108000
THJ5000/0.5	5000	0.5	2400x3600	2200x2300	3800x4100	3800x4100	1500	5000	22	213800	117200	18200	172000	122000

(The data is for design reference only. Regarding detailed parameters, please take technical drawing as criterion.)
Note: If specification exceeds above range, please contact SIGMA Elevator Company.

MACHINE ROOM-LESS FREIGHT ELEVATOR CONSTRUCTION SKETCH



Model	Load KG	speed m/s	(mm) Car specification CWxCD	(mm) Door opening size JJxOPH	(mm) Well size HWxHD	(mm) Pit depth Pit	(mm) Top floor height OH	Power	(N) Acting force R1	R2	R3	R4	R5	R6	P1	P2
THJW1600/0.5	1600	0.5	1800x1900	1500x2100	3100x2400	1600	4500	5.5	40400	73600	29000	29000	22600	19400	124000	92000
THJW2000/0.5	2000	0.5	1800x2300	1500x2100	3100x2800	1600	4500	6.7	40400	73600	29000	29000	22600	19400	144000	104000
THJW3000/0.5	3000	0.5	2000x2800	1800x2100	3450x3300	1600	4500	10	60600	110400	43500	43500	33900	29100	224000	164000

(The data is for design reference only. Regarding detailed parameters, please take technical drawing as criterion.)
Note: If specification exceeds above range, please contact SIGMA Elevator Company.

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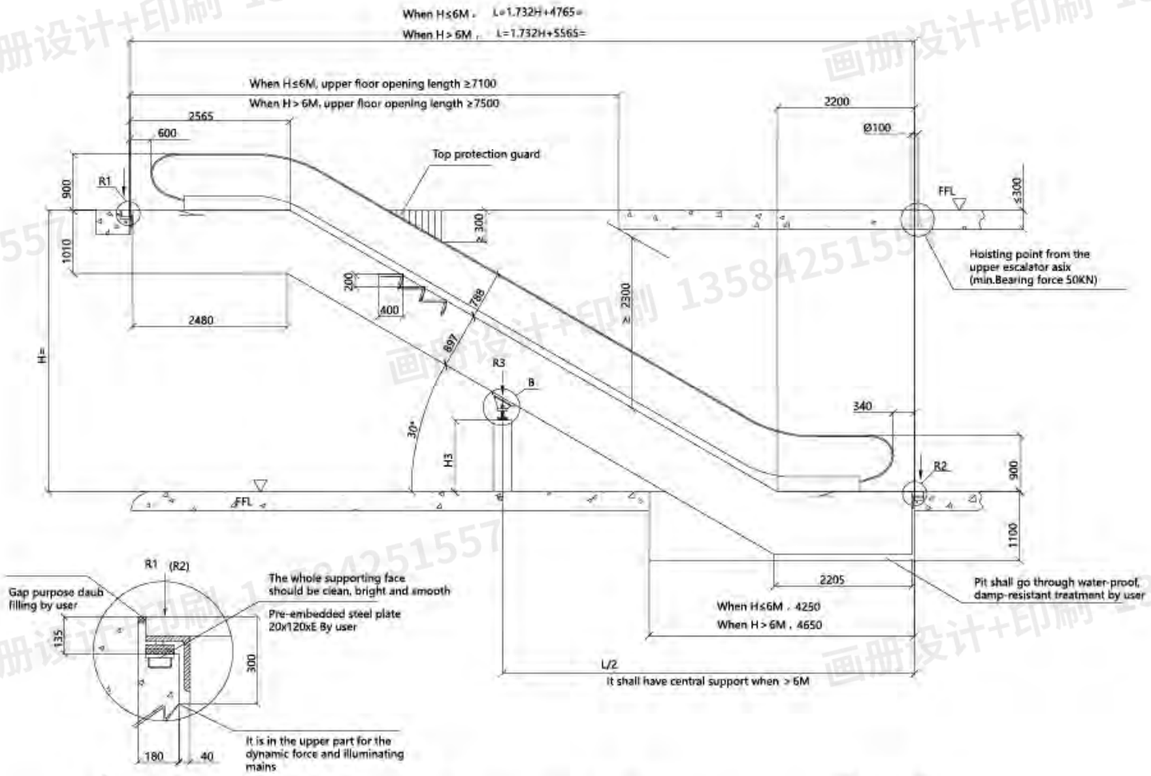
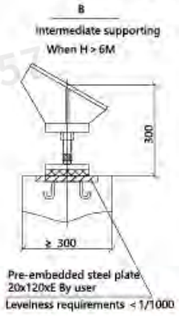
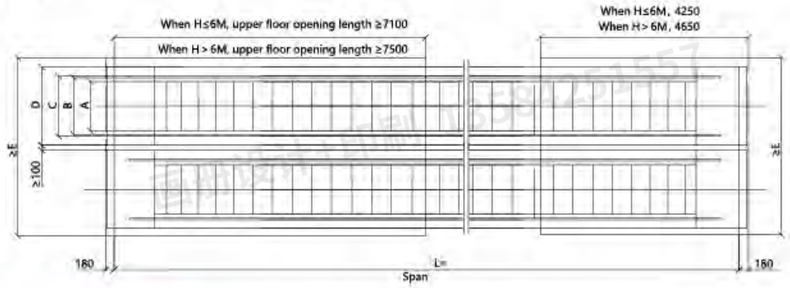
30° ESCALATOR CONSTRUCTION SKETCH

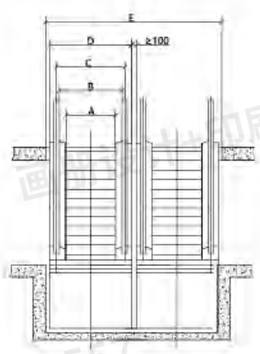




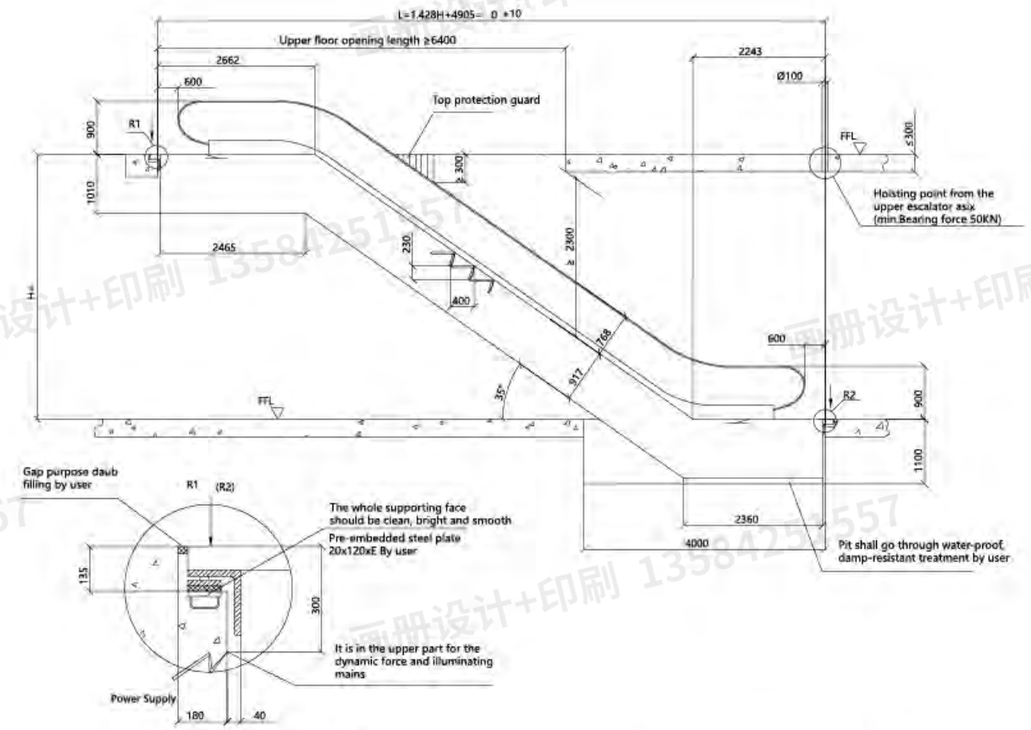


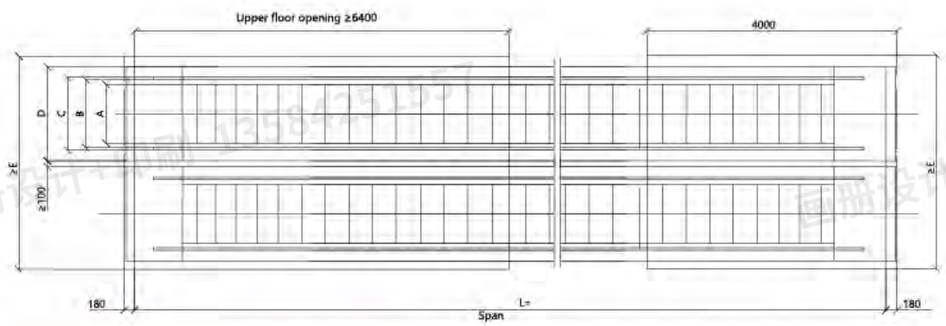
Model	Traveling height(mm)	Net weight (KN)	supporting R1 KN	supporting R2 KN	Motor power KW	Transport size h	Transport size l
VF800/0.5-30°	3000	118	104	94	5.5	2750	10900
	3500	126	112	100		2780	11890
(4800/h)	4000	134	120	108		2810	12880
	4500	142	128	114	8	2830	13870
	5000	148	136	120		2840	14860
speed: 0.5m/s	5500	164	148	132		2860	15860
	6000	172	156	138	11	2870	16850
VF1000/0.5-30°	3000	126	118	106	5.5	2750	10900
	3500	134	128	114		2780	11890
(6000/h)	4000	142	136	122	8	2810	12880
	4500	150	146	130		2830	13870
	5000	166	158	142		2840	14860
speed: 0.5m/s	5500	174	168	150	11	2860	15860
	6000	184	176	158		2870	16850

1000	1000	1228	1238	1600	3400
800	800	1028	1038	1400	3000
mm step width	A	B	C	D	E
H3 Intermediate supporting	(L/2-2600)×tg30°-(897/cos30°+300)				



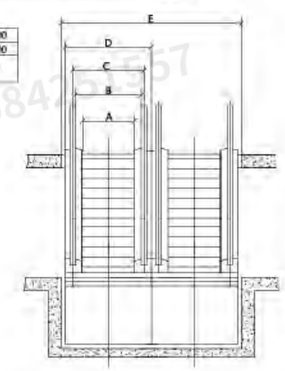
35° ESCALATOR CONSTRUCTION SKETCH





Model	Traveling height(mm)	Net weight (KN)	supporting R1 KN	supporting R2 KN	Motor power KW	Transport size h	Transport size l
VF800/0.5-35°	3000	112	98	88	5.5	2850	10180
	3500	120	104	94		2890	11030
(4800/h)	4000	126	112	100		2920	11890
	4500	132	118	106	8	2940	12750
	5000	140	124	112		2970	13610
speed: 0.5m/s	5500	146	130	118		2980	14470
	6000	152	138	122	11	3000	15330
VF1000/0.5-35°	3000	120	112	100	5.5	2850	10180
	3500	128	120	106		2890	11030
(6000/h)	4000	134	128	114	8	2920	11890
	4500	142	134	120		2940	12750
	5000	148	142	128		2970	13610
speed: 0.5m/s	5500	158	154	138	11	2980	14470
	6000	166	162	144		3000	15330

1000	1000	1228	1238	1600	3400
800	800	1028	1038	1400	3000
mm step width	A	B	C	D	E



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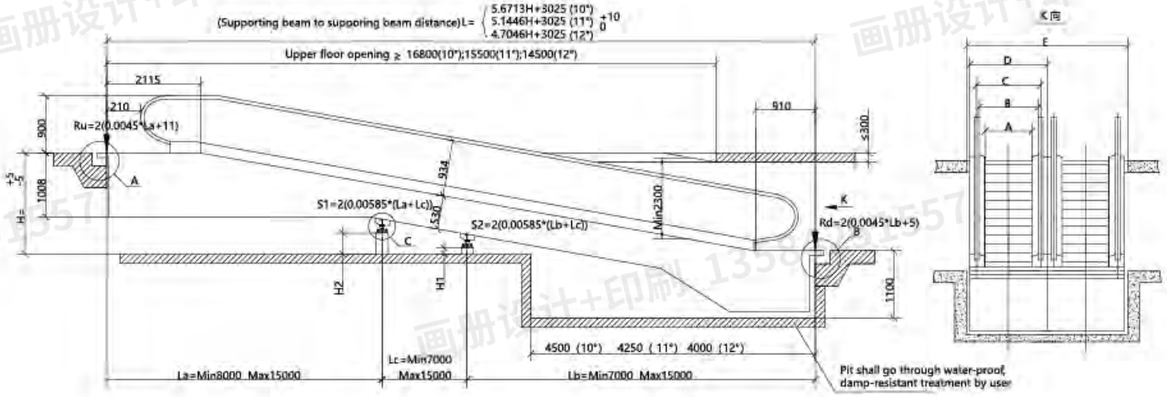
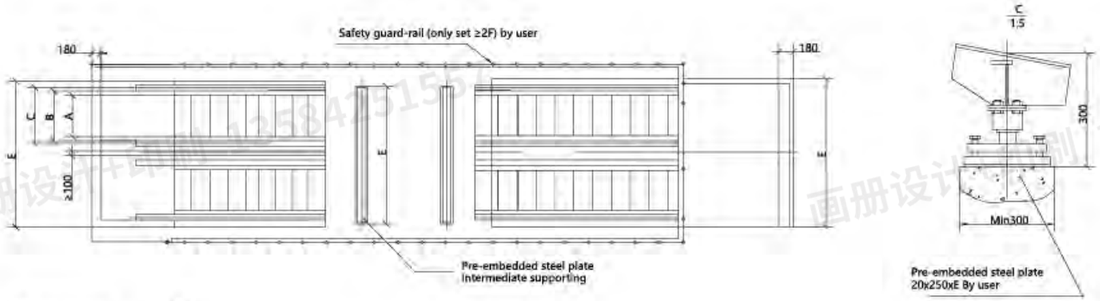
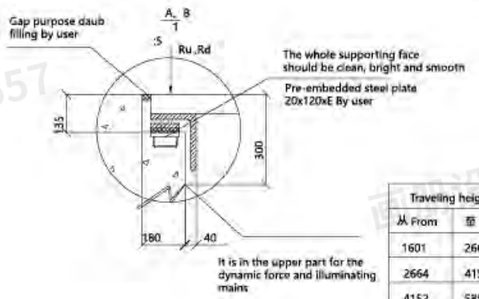
12° MOVING WALK CONSTRUCTION SKETCH





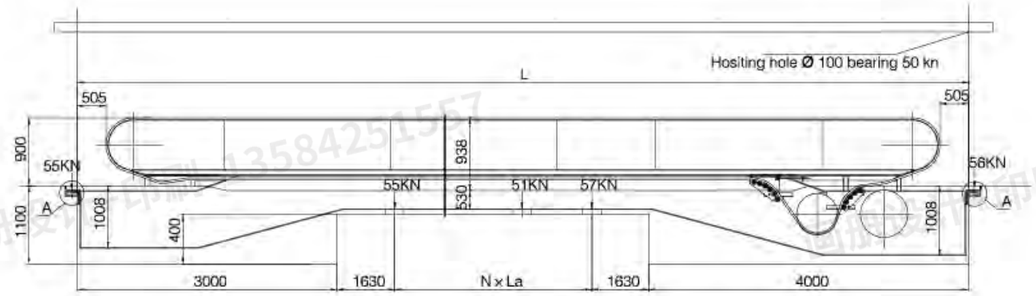


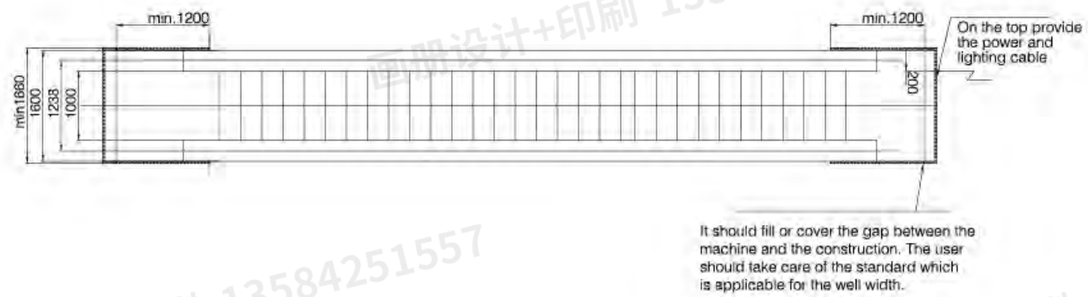
1000	1000	1228	1238	1600	3400
800	800	1028	1038	1400	3000
step width mm	A	B	C	D	E

Traveling height		Intermediate supporting		La(mm)	L b (mm)	L c (mm)
From	To	S1	S2			
1601	2663					
2664	4151	1		L-7000	7000	
4152	5851	1		15000	L-15000	
5852	6000	1	1	15000	7000	L-22000
A	H2				H1	
10°	H2=H-(La-1995) × 0.1763-840				H1=H2-(L c ×0.1763)	
11°	H2=H-(La-2055) × 0.1944-840				H1=H2-(L c ×0.1944)	
12°	H2=H-(La-2115) × 0.2126-840				H1=H2-(L c ×0.2126)	
Note: when traveling height is over 6m, construction size please consult our company						

(mm) step width	(mm) Travelling height	(m/s) Speed	(N) Rated load capacity	(°) Inclination	(kW) Power	(KVA) Power supply capacity	(A) Rated current
800	1000-3800	0.5	4800	10,11,12	7.5	15	39
	3800-6000				11	22	58
1000	1000-3000	0.5	6000	10,11,12	7.5	15	39
	3000-4800				11	22	58
	4800-6000				15	30	78

0° MOVING WALK CONSTRUCTION SKETCH





Model	Travelling height(mm)	(m/s) Rated speed	(per./h) Capacity	(°) Inclinatinn	(Kw) Montor power	A (mm)	B (mm)	C (mm)	D (mm)
SD (800/0°-6°)	10000≤H≤80000	0.5	6750	0-6	8	800	1038	1400	≥1460
	80000 < H≤150000				11				
SD (1000/0°-6°)	10000≤H≤70000	0.5	9000	0-6	8	1000	1238	1600	≥1660
	70000 < H≤150000				11				

(The data is for design reference only. Regarding detailed parameters, please take technical drawing as criterion.)
Note: If specification exceeds above range, please contact SIGMA Elevator Company.

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SERVICE SYSTEM

Full-course service brings about closer heart-to-heart communication.

Good service ensures your safety. It warrants your investment in equipment. Truly nice service can predict and satisfy special requirements from vast clients. As service definition varies according to different customers' requirements, our methods are also extensive and individual in order to meet those demands.

service team

All maintenance service personnel are received strict on-the-job training to execute standard maintenance procedures and provide perfect service experience for customers by depending on strong technical supporting network as well as management system.

spare parts

All supplied spare parts are conducted strict test before delivery, which includes escalator' s components of various models; distribution network has covered lots of cities all over the country for rapid supply and timely replacement.

maintenance update

The daily maintenance and upgrading service of high quality elevators provide a good foundation for the efficient operation of the building, and save the customer's elevator maintenance cost.

remote monitoring system

Achieve informatization management of operations such as 24-hour remote elevator monitoring, timely alarm along with rescue and maintenance, inspection etc so as to guarantee elevator' s safe operation and carry out more convenient and efficient elevator management.

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