

RISE BY PERFECTION

FIFTY METERS ELEVATOR CATALOGUE
(电梯目录)



ADDRESS

Room 909, Pinggao Plaza, 118 Jiufeng Road, Songjiang District, Shanghai
next to Exit 2 of Sports Center Subway Station



Email

zhujun@zh-eng.com



MP

021-57676786

上海五十米贸易有限公司

Shanghai Fifty Meters Trading Co., Ltd.



FIFTY METERS

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www.zh-eng.com



Fifty Meters Co., Ltd.

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ABOUT US

Corporate mission: Empower elevators to go global with professionalism, connect global partners with integrity, and enable Chinese elevator technology to serve every city in the world

Core values:

Integrity oriented: Adhere to the original intention of foreign trade, abide by the bottom line of business, and win the trust of global customers with integrity;

Practical and far-reaching: Deeply cultivating the vertical transportation export field, down-to-earth, striving for excellence, and building a leading reputation;

Innovation empowerment: keep up with industry trends, optimize supply chain systems, iterate service models, and lead the industry forward;

Win win coexistence: working together with customers, employees, and partners to share development achievements and build new heights in the industry.

Corporate vision: To become a leader in the global export of elevators and spare parts, create an influential Chinese foreign trade export brand, and promote China's intelligent manufacturing to the center of the world stage with full chain advantages and professional services.

Salary system: high commission, comprehensive income far exceeding the industry average, in addition to the base salary plus commission, there are additional performance bonuses

Employee welfare and holiday benefits: weekends, national statutory holidays, paid annual leave, marriage leave, maternity leave and other paid holidays; Growth and development: Comprehensive pre job training, job skills training, foreign trade professional training, clear promotion channels. Humanistic care: holiday gifts, birthday benefits, monthly team building, annual tourism, irregular afternoon tea, meals. Other benefits: annual awards for excellence, helping employees achieve personal value and win-win development of the enterprise.

Modern working environment and atmosphere, equipped with leisure areas, tea rooms, and convenient transportation; Our team is young and professional, emphasizing equal communication, encouraging innovation and trial and error, rejecting internal friction, and allowing every employee to realize their own value and grow through hard work.

Passenger Elevator

Car Decoration



SH-KJX-004

Ceiling: SH-DD-001 Mirror S.Steel, LED lighting(optional)
SH-DD-002 Mirror S.Steel, organic transparent plate, LEDlight-
ing(optional)
Rear car wall: Embossed S.Steel with bust glass mirror
Side car wall: Embossed S.Steel
Front car wall, lintel: Embossed S.Steel
Car door: Embossed S.Steel
COP: SH-CZ-001(mosaic type), SH-CZ-002(integrated) mirror
S.Steel
Handrail: Rear car wall SH-FS-001 hairline S.Steel round tube
Floor: SH-DB-005 PVC

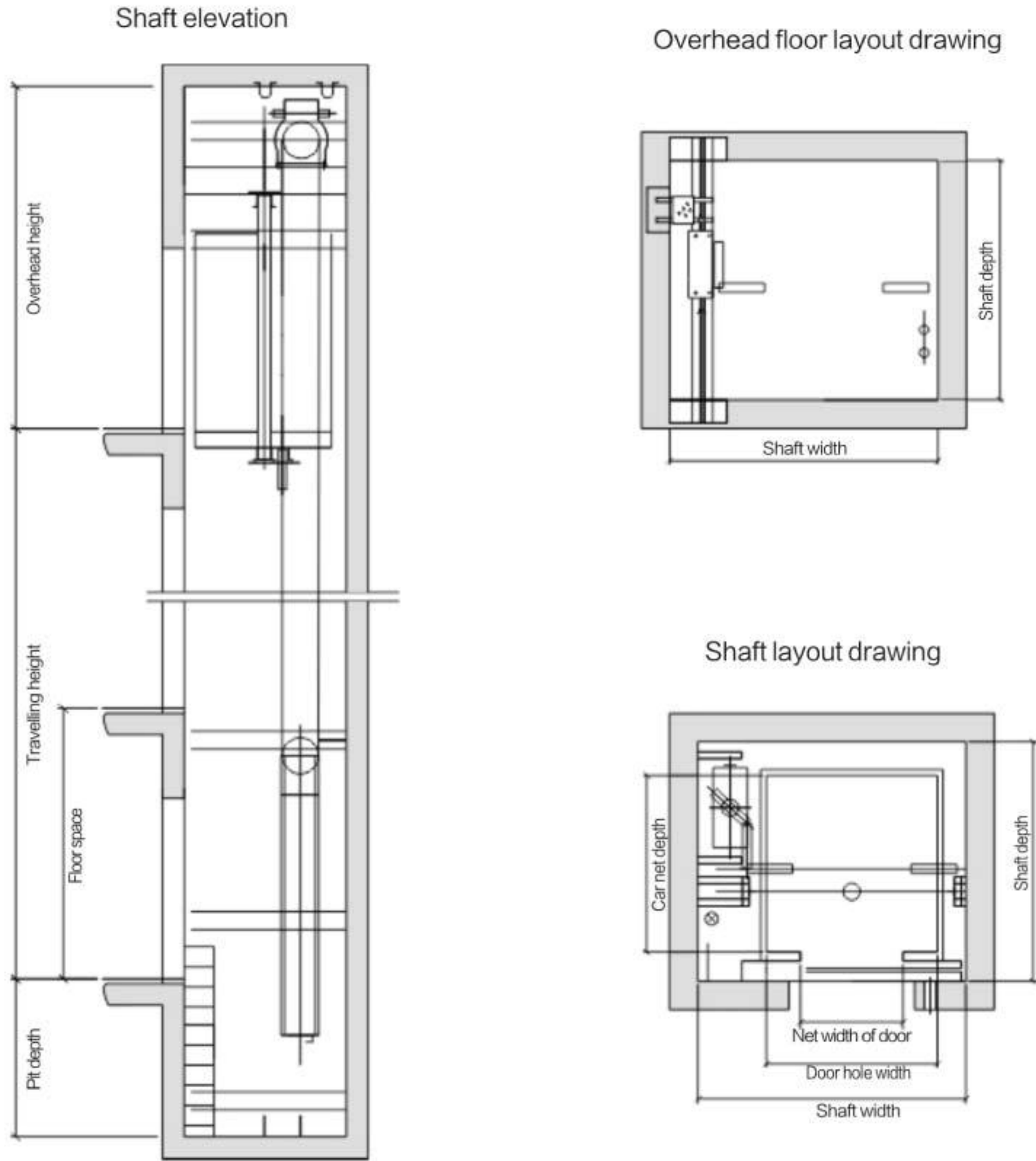


SH-KJX-001

Ceiling: SH-DD-001 Mirror S.Steel, LED lighting (optional)
SH-DD-002 Mirror S.Steel, organic transparent plate, LED
ighting(optional)
Rear car wall: Hairline S.Steel
Side car wall: Hairline S.Steel
Front car wall, lintel: Hairline S.Steel
Car door: Hairline S.Steel
COP: SH -CZ-001(mosaic type), SH-CZ-002(integrated) hairline
S.Steel
Floor: SH-DB-002 PVC(standard)

Machine Roomless Passenger Elevator

Construction Layout Drawing

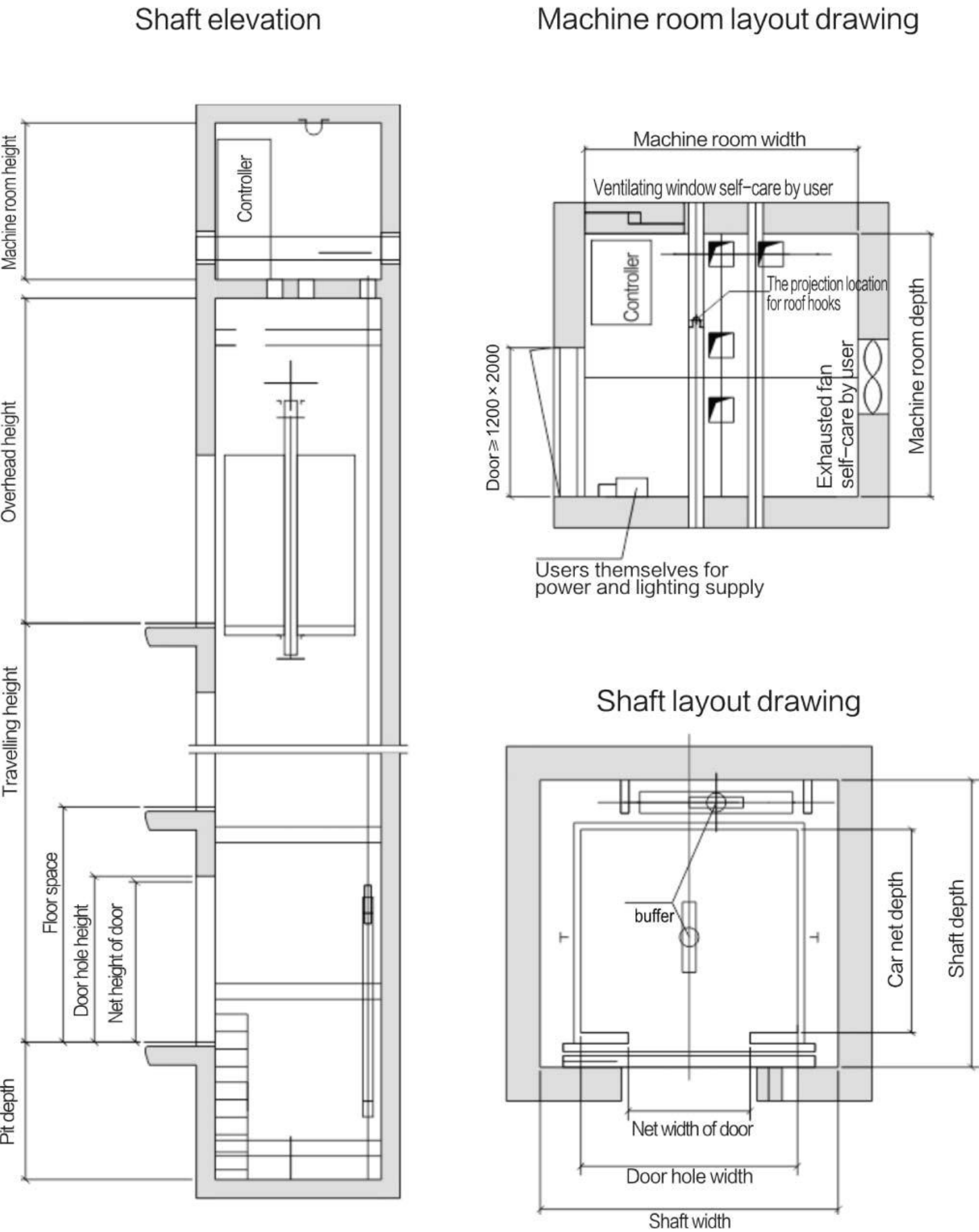


Machine roomless passenger specifications

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

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

Small Machine Rooml Elevator
Construction Layout Drawing



Small machine room passenger specifications

Persons	Load (kg)	Speed (m/s)	Net size of car (mm)	Net size of door D.WxD.H(mm)	Shaft size (mm)			Shaft size (mm)	
			C.WxC.DxD.H	2P Central opening	H.WxH.D	HR.H	PIT	MR.WxMR.D	MR.H
6	450	1.0	1400x850x2300	800x2100	2000x1800	4000	1500	2000x1800	2500
		1.5/1.75				4400	1500		
8	630	1.0	1400x1100x2300	800x2100	2000x2050	4200	1500	2000x2050	2500
		1.5/1.75				4400	1600		
10	800	1.0	1400x1350x2300	800x2100	2000x2300	4200	1500	2000x2300	2500
		1.5/1.75				4400	1600		
		2.0				4800	1800		
		2.5				4800	2000		
		4.0				4800	2000		
13	1000 (1050)	1.0	1600x1450x2300 1100x2300x2300 (Residence/stretchers elevator)	900x2100	2200x2400 2050x2850 (Residence/ stretchers elevator)	4200	1500	2200x2400 2050x2850 (Residence/ stretchers elevator)	2500
		1.5/1.75				4400	1600		
		2.0				4800	1800		
		2.5				4800	2000		
		3.0				5200	2600		
		3.5				5500	3100		
		4.0				6000	3850		
		4.0				4200	1500		
16	1250	1.5/1.75	1900x1450x2300	1100x2100	2500x2400	4400	1600	2500x2400	2500
		2.0				4800	1800		
		2.5				4800	2000		
		3.0				5200	2600		
		3.5				5500	3100		
		4.0				6000	3850		
18	1350	1.0	1900x1550x2300	1100x2100	2500x2500	4200	1500	2500x2500	2500
		1.5/1.75				4500	1600		
		2.0				4800	1800		
		2.5				4800	2000		
		3.0				5200	2600		
		3.5				5500	3100		
21	1600	4.0	1900x1800x2300	1100x2100	2500x2800	6000	3850	2500x2800	2500
		1.0				4200	1500		
		1.5/1.75				4500	1600		
		2.0				4800	1800		
		2.5				4800	2000		
		3.0				5200	2600		
		3.5				5500	3100		
		4.0				6000	4000		
26	2000	6.0	1900x1800x2300	1100x2100	2700x2900	6350	5000	4200x2900	2500
		10.0				8800	7200		
		1.0				4500	1500		
		1.5/1.75				4700	1600		
		2.0				5000	1800		
		4.0				6000	3850		
		6.0				6400	4000		
		8.0				7500	6000		
26	2000	10.0	1900x2200x2800	1100x2100	3200x3000	8800	7200	4700x3300	3800
		1.0				4500	1500		
		1.5/1.75				4700	1600		
		2.0				5000	1800		

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

Passenger Elevator Function

Standard Function	
Full collective control	Controller will automatically select the nearest elevator responding passenger's call.
Inspection operation	Automatically move to the nearest leveling in a slow speed
Automatic backplane	In normal condition, the elevator will automatically move to the nearest leveling in a slow speed.
Automatic door opening	Elevator open the door automatically.
Automatic door opening time adjustment	Door remaining open for a short time in normal condition.
Door opening button(external)	Door remaining open when the door opening button was pushed on.
Door pre-closing function	To make door close immediately in normal opening condition.
Door opening button (internal)	To make door open or reopen when elevator stops.
Full load bypass	When the elevator is fully loaded, it will travel to destination without responding to calling outside.
Automatic turn off lighting and fan	Lighting and fan will cut off power automatically without any call or indication in 3 minutes.
Automatic return to home landing	In normal condition, the elevator will return to home landing without any more calls or indications.
Door re-closing	The door will try to close again when it is blocked.
Error recording	Main board can record 10 error most.
Hoistway self learning	Elevator can learn the data and situation automatically before using.
Attendant service	The lift is closed by continued pressing close buttons.
Bypass operation	Elevator will travel directly to destination without stopping.
Automatic correction of floor position signal	Self correcting the data when the elevator reach final limit switch.
Lift locking	Lock the elevator and turn off the power so that no one can use it.
Protection of door lockup outside door area	No door opening when it is not in leveling position.
Infrared light curtain protection	Door will opening when it is blocked.
Overload protection	Elevator travel with buzz when it is overloaded.
Reversal running protection	When the running direction is different with destination direction, it stops automatically.
Anti skip protection	Traveling a long time without door opening, it will stop automatically.
Anti terminal over running protection	Security risks are prevented by preventing the continued operation of the failure of the terminal switch.
Phase protection	Stop to move when the final limit switch fails to have function.
Phase protection	The elevator will stop with wrong phase or lack phase.
Contactor protection	Stop running when safety devices conflict.
Failure analysis of shaft self learn	When the shaft learned by itself that it doesn't finished it correctly.
Motor temperature protection	Protect the motor from being over heat.

Standard Function	
Door opening failure protection	Stop running when error happens to door.
Protection for door lock short circuit	Elevator refuse to move when error suddenly happens to the brake.
Door lock failure for brake switches	Elevator will stop at once when error suddenly happens to door lock.
Over speed protection	In case of elevator running too fast.
Contact protection for brake switches	Protect the elevator when error happens to the brake.
Five-party interphone communication	Communication for machineroom, car top, car cage, pit and inspection station.
Wheeling protection	Safety protection is rescuing.
Alarm bell	When the anomaly occurred, passenger in the cabin can notice the outside with this device.
Emergency lighting	When the power supply is failure, it can provide the lighting of the car.
Two doors operator	Only for opening through door opening type.
Level switch protection	It is a safety protection in case of the trouble in leveling switch.
False call canceling	When the passengers press the false button, it can cancel the call through the two times press.
Automatic reversal call canceling	When the running direction is different with destination direction, it stops automatically.
Floor display directional setup	Directional setup of service floor.
Isolate running	Operation similar to attendant service function.
Segment code or dot matrix floor indicator	The indicator displayed in dot matrix type.
Rolling display of running direction	The running direction display in a rolling way.
Forced door closing	The door nudging device will force the door closing when it open too long.
CAN Communication protection	Prevent the danger in case of trouble.
Arrival gone	Sound to indicate leveling is finished.
Emergency return in case of fire	The elevator will return to home floor in a short time when fire emergency happens.
Main control protection	Stop the running of the elevator in case of trouble.
Main control CPU WDT protection	When test the trouble of CPU, WDT make it reset.
Discretion and setup of service floor	Using the operator to setup the landing floor discretionary.
Test running	It is used for testing the new elevator.
Clock control	It can record the time of trouble, and decide to stop at any floor.
Direct landing	The efficiency of the elevator can be improved by the distance principle to deceleration.
Load weighing device	With such system, the elevator can self learn the data to improved the start up.
Parallel control	Two elevator through the CAN serial communication bus to coordinate the call.
Protection device for accidental movement of the car	In case of accidental movement that the car leaves the landing floor while the landing door is unlocked as well as the car door keeps open protection device to prevent or stop such movement should be equipped.
Bypass protection	Bypass protection provides safety protection for daily maintenance.

Panoramic Elevator

Car Decoration

SH-GJX-001

Car cover: Hairline S.Steel
Observation wall: Safety laminated glass
Decoration roof: Mirror S.Steel frame, LED lighting
Car Wall: Hairline S.Steel
Handrail: Stainless steel pipe
Floor: PVC Floor

SH-GJX-002

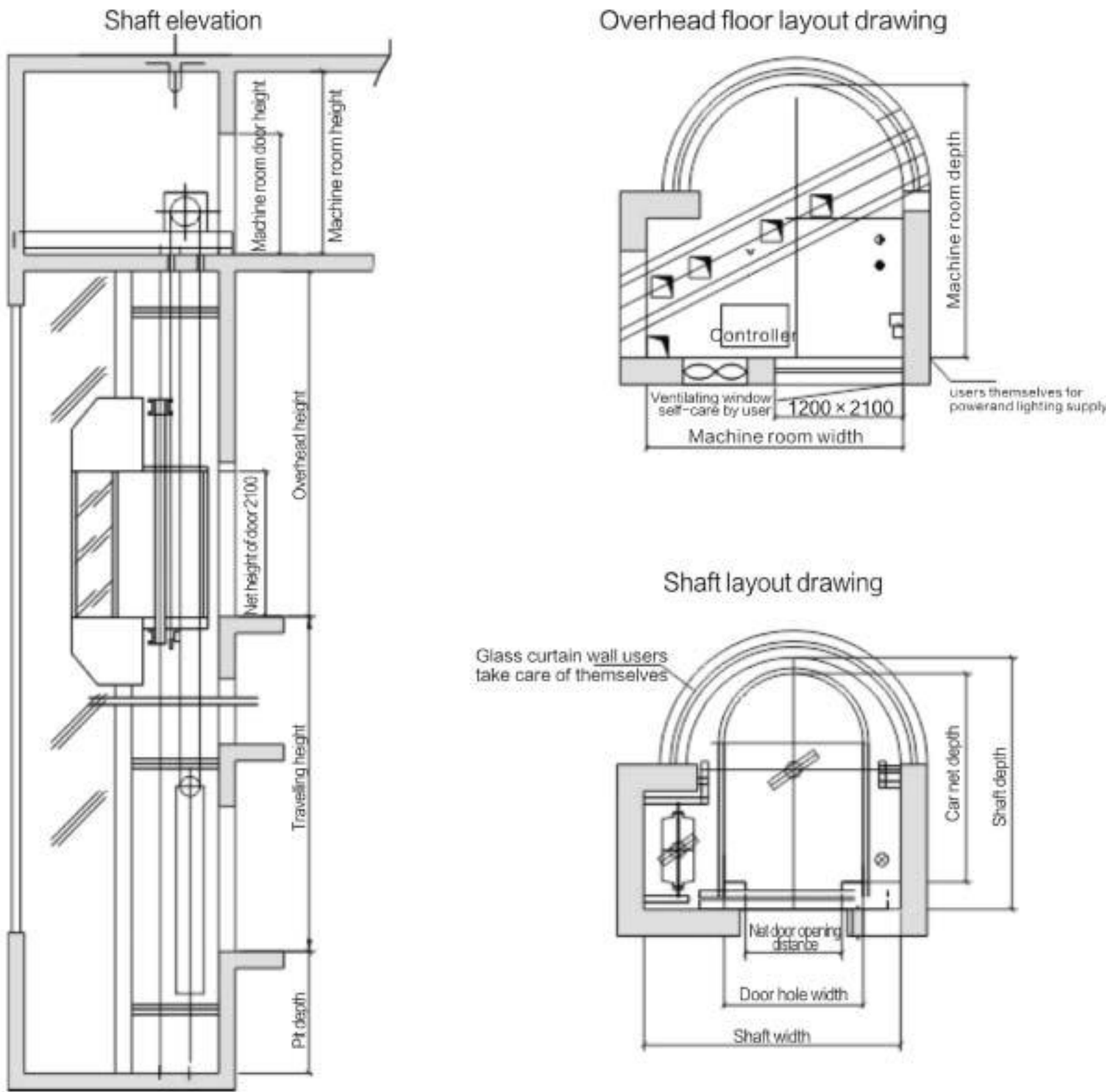
Car cover: Painted steel plate, decoration lamp
Observation wall: Safety laminated glass (Rear wall semicircle)
Decoration roof: Baked enamel steel frame, LED lighting
Car Wall: Hairline S.Steel
Handrail: Stainless steel pipe
Floor: PVC Floor

SH-GJX-003

Top and below car cover: Step-pentagon steel plate with baking varnish with decoration lamp
Panoramic car wall: Safety laminated glass
Decoration roof:Middle round-crylic top light, two sides LED lamp
Car Wall: Hairline S.Steel
Handrail: Stainless steel pipe
Floor: PVC Floor



Semicircle Observation Elevator Construction Layout Drawing



Semicircle machine room / Machine roomless elevator specifications

Persons	Load (kg)	Speed (m/s)	Net size of car (mm)	Net size of door D.WxD.H(mm)	Shaft size (mm)			Machine room size (mm)	
			C.WxC.DxD.H	2P Central opening	H.WxH.D	HR.H	PIT	MR.WxMR.D	MR.H
8	630	1.0	1100x1600x2300	700x2100	2200x2185	4500	1500	2200x2185	2500
		1.5/1.75				4700	1600		
10	800	1.0	1200x1800x2300	800x2100	2300x2355	4500	1500	2300x2355	2500
		1.5/1.75				4700	1600		
		2.0				4900	1800		
		2.5				5100	2000		
13	1000	1.0	1300x1950x2300	900x2100	2400x2535	4500	1500	2400x2535	2500
		1.5/1.75				4700	1600		
		2.0				4900	1800		
		2.5				5100	2000		
16	1250	1.0	1400x2150x2300	900x2100	2500x2600	4500	1500	2500x2600	2500
		1.5/1.75				4700	1600		
		2.0				4900	1800		
		2.5				5100	2000		
18	1350	1.0	1500x2150x2300	1000x2100	2600x2600	4500	1500	2600x2600	2500
		1.5/1.75				4700	1600		
		2.0				4900	1800		
		2.5				5100	2000		
21	1600	1.0	1500x2450x2300	1000x2100	2600x2900	4500	1500	2600x2900	2500
		1.5/1.75				4700	1600		
		2.0				4900	1800		
		2.5				5100	1800		
		3.0				5200	1800		
		4.0				6000	1800		
26	2000	1.0	1700x2600x2300	1100x2100	2800x3050	4500	1500	2800x3050	2500
		1.5/1.75				4700	1600		
		2.0				4900	1800		
		3.0				5200	2600		
		4.0				6000	3850		

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

Hospital Elevator



Bed elevator often competes with time in vast hospitals, modern medical treatment centers, sanatoriums, medi-care centers etc, where healing the wounded and rescuing the dying are the bounden duties. **Fifty Meters** bed elevator series adhere to the persistently humane thinking, apply fuzzy logic and group supervision technology from expert system, fulfill the intellectual elevator travel and reduce the patients' waiting period to minimum extent.

SH-YJX-001

Ceiling:
SH-DD-001 S.Steel mirror frame, LED lighting
SH-DD-006 S.Steel mirror frame (optional)
Car wall:Hairline S.Steel
Car door:Hairline S.Steel
Handrail: SH-FS-003 Flat S.Steel (three side)
Floor: SH-DB-005 PVC

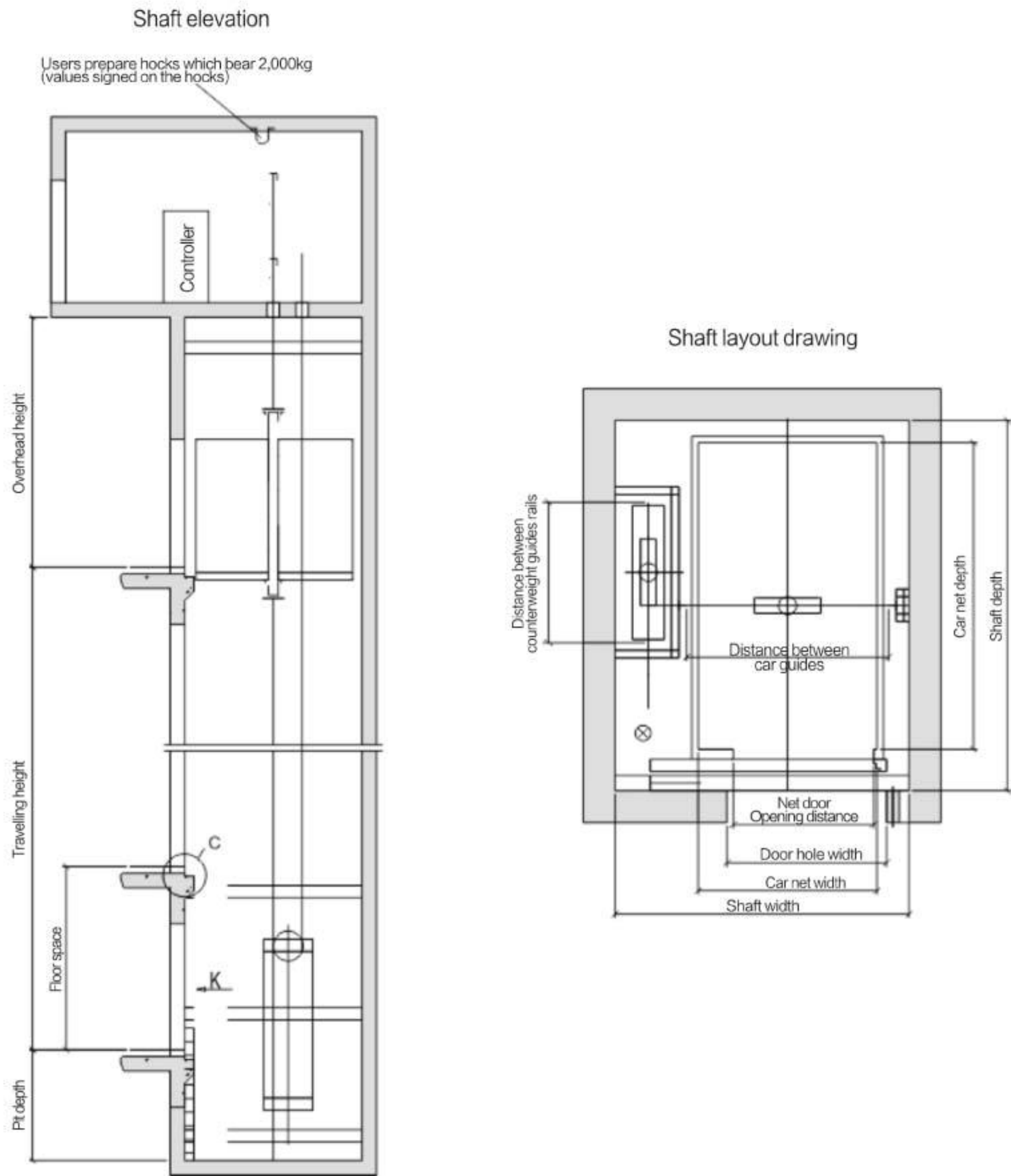


SH-YJX-002

Car wall: Painted steel(Cream-colored)
Ceiling: Painted steel,LED lighting
Handrail: Stainless steel tube
Floor: Checked steel plate



Hospital Elevator Construction Layout Drawing



Machine room / Machine roomless bed elevator specifications

Persons	Load (kg)	Speed (m/s)	Net size of car (mm)	Net size of door (mm)	Shaft size (mm)			Machine room size (mm)	
			C.WxC.DxD.H	D.WxD.H	H.WxH.D	HR.H	PIT	MR.WxMR.D	MR.H
21	1600	1.0	1400x2400x2300	1100x2100	2550x2900	4500	1500	2550x2900	2500
		1.5/1.75				4700	1600		
		2.0				4900	1800		
		2.5				5100	2000		
24	1800	1.0	1600x2400x2300	1200x2100	2750x2900	4500	1500	2750x2900	2500
		1.5/1.75				4700	1600		
		2.0				4900	1800		
		2.5				5100	2000		
26	2000	1.0	1700x2400x2300	1200x2100	2850x2900	4500	1500	2850x2900	2500
		1.5/1.75				4700	1600		
		2.0				4900	1800		
		2.5				5100	2000		

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

Villa Elevator

Car Decoration



SH-SJX-013

- Ceiling:** SH-DD-001 Titanium mirror S.Steel, LED lighting(Optional)
SH -DD-002 Titanium mirror S.Steel, organic transparent plate, LED lighting(Optional)
Rear car wall, side car wall: Middle: Titanium mirror S.Steel;
Left and right: Titanium etched S.Steel
Front car door, lintel: Titanium mirror S.Steel
Car door: Titanium mirror S.Steel
COP: SH-CZ-011 Titanium mirror S.Steel
LOP: SH-WH-001 Hairline S.Steel
Handrail: SH-FS-002 Wooden handrail(rear car wall)
Floor: SH-DB-005 PVC

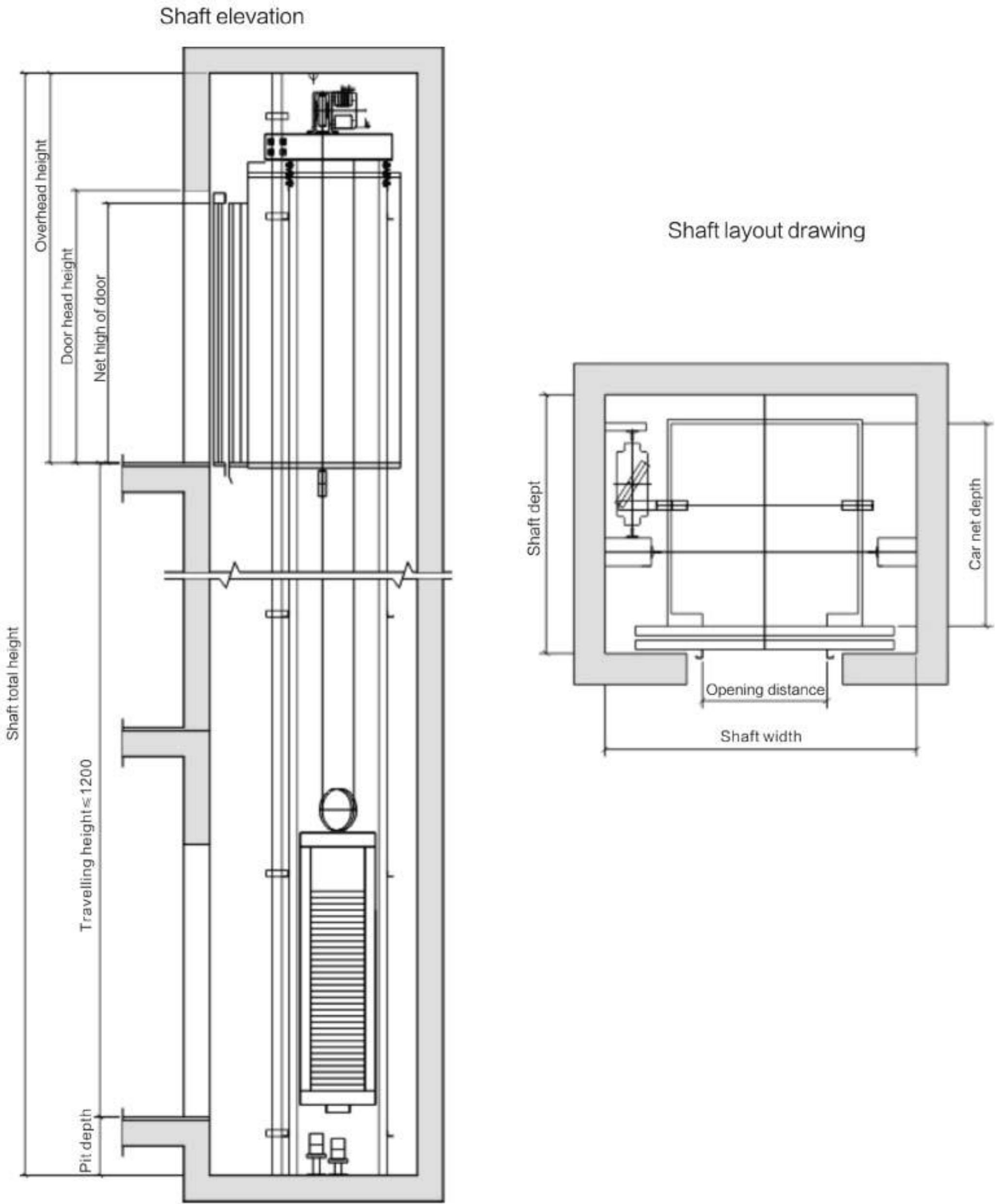


SH-SJX-001

- Ceiling:** SH -DD-001 Mirror S.Steel, LED lighting(Optional)
SH -DD-002 Mirror S.Steel, organic transparent plate, LED light(Optional)
Car wall: Hairline S.Steel
Car door: Hairline S.Steel
COP: SH -CZ-001 Hairline S.Steel
LOP: SH-WH-001 Hairline S.Steel
Handrail: SH-FS-001 S.Steel round pipe (rear car wall)
Floor: SH -DB-005 PVC

Villa Elevator

Construction Layout Drawing



Villa elevator specifications

Persons	Load (kg)	Speed (m/s)	Net size of car (mm)	Net size of door D.WxD.H(mm)	Shaft size (mm)		
			C.WxC.DxD.H		H.WxH.D	HR.H	PIT
3	260	0.4	800x1150x2200	700x2000	1400x1500	3500	800
4	320	0.4	950x1300x2200	700x2000	1600x1600	3500	800
5	400	0.4	1200x1300x2200	800x2000	1850x1600	3500	800

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



STEEL STRUCTURE



Features of steel structure well frame

Cost-effective, packaging and design style of the outer board by the decoration unit is the same in the later stage, installation location can be optional, surface spraying rust-proof treatment, corrosion resistance.



ALUMIN ALLOY



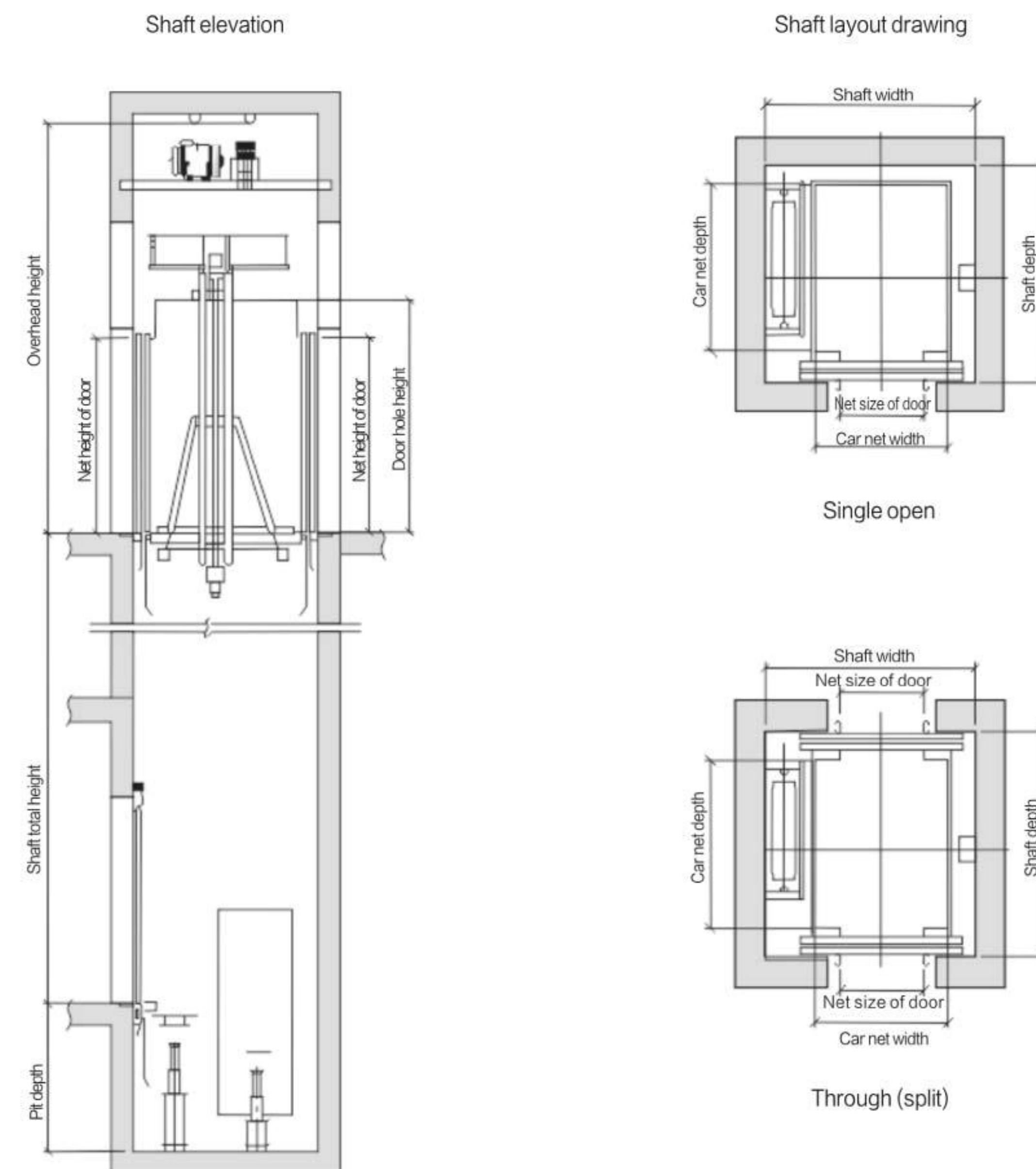
Features of aluminum alloy well frame

Independent frame glass design without additional construction costs. Translucent and integrated into the interior.

Installation location optional, corrosion resistant, long life cycle. Selection of industrial grade aluminum alloy, glass with safety laminated.



Steel Structure Elevator Construction Layout Drawing



Steel structure elevator specifications

Persons	Load (kg)	Speed (m/s)	Net size of car (mm)	Net size of door (mm)		Shaft size (mm)				
			CW×CD×CH	OP	OPH	HW	HW (Single open)	HD (Through open)	K	S
6	450	1.0	1000×1300×2400	650×2100	1650	1700	1800	4500	1400	4600
		1.5								
8	630	1.0	1100×1400×2400	700×2100	1750	1800	1900	4500	1400	4600
		1.5								
10	800	1.0	1350×1400×2400	800×2100	2000	1800	1900	4500	1400	4600
		1.5								
13	1000	1.0	1500×1550×2400	900×2100	2150	1950	2050	4500	1400	4600
		1.5								

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



Gantry Frame Villa Elevator

Features of Gantry Frame Structure Products

Such kind of elevator drive host is beside the well-top. Two main rails are in left I right of elevator car. Therefore car gets even encountered force on both sides. It brings about the more smooth elevator operation and more perfect travel. At present, composite steel band traction and wire rope traction style products are available for your free choices.

- Even encountered force to elevator car,
- Smooth operation, comfortable travel;
- Longer service life of elevator parts;
- As far as elevator with wire rope traction is concerned, it has the higher requirements to pit and top-floor height.

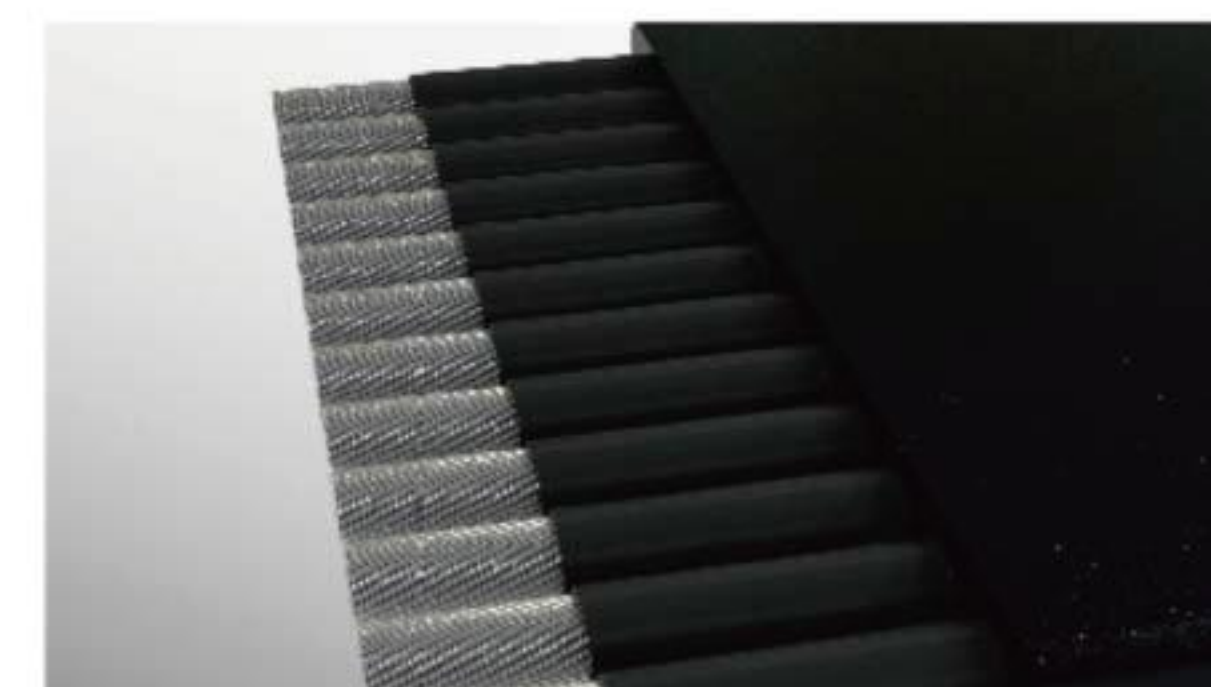


Steel Band Villa Elevator

New type steel band traction home elevator products, its wall decoration for Mosaic on three sides, with the middle decorative detachable, can use different material, interchangeability stronger and can meet the customer diversification and personalized needs.

The three big advantage

1. Polyurethane (PU) material layer without lubrication.
2. Its life is two or three times higher than that of traditional wire rope.
3. It is more bendable. It increases the contact area with drive wheel. It is more effective and energy-saving.



Composite steel belt



Freight Elevator

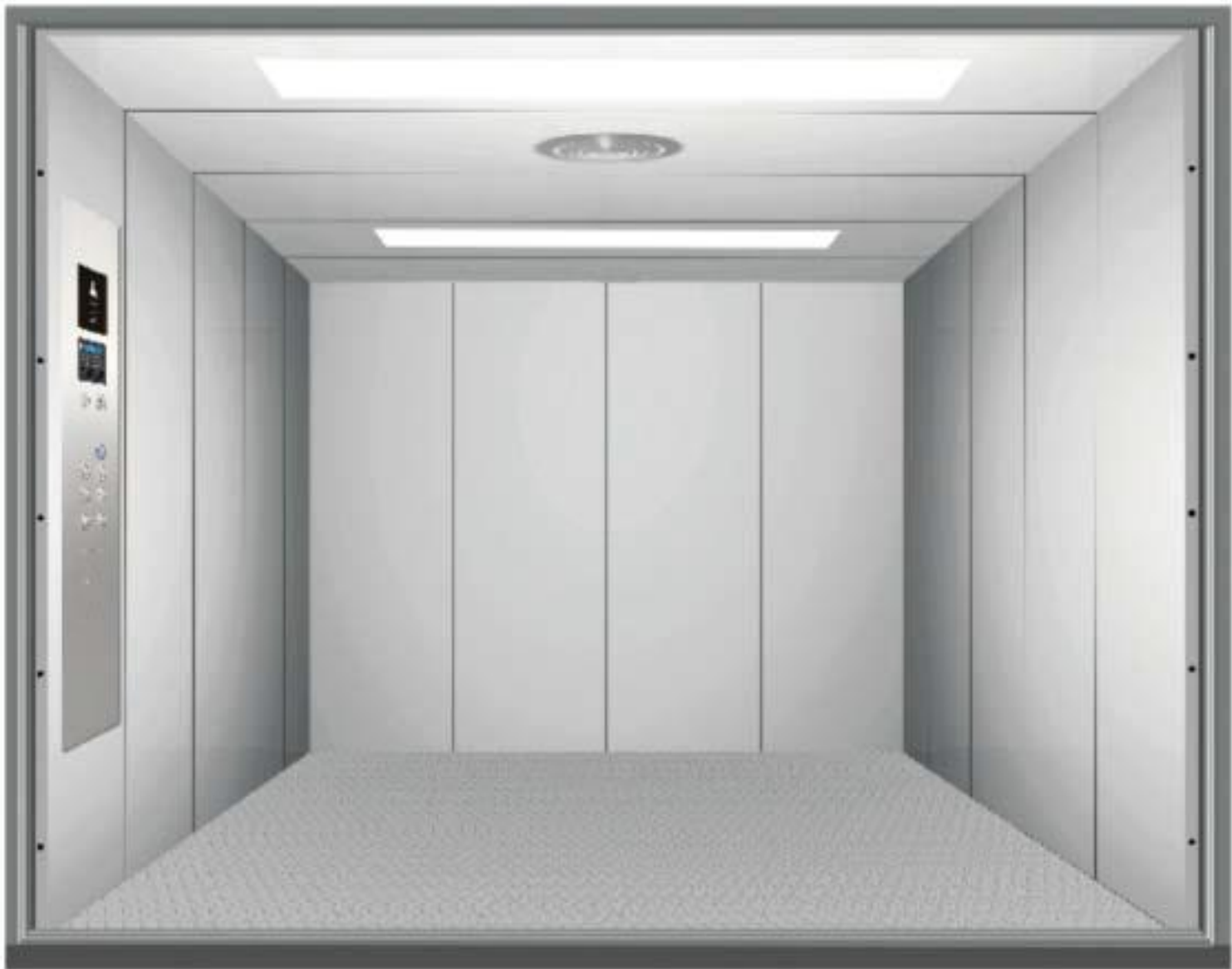
Car Decoration



SH-HJX-001

⤴

(Standard car)
Car ceiling: Painted steel plate(with optional colors)
Car wall: Painted steel plate(with optional colors)
Car door: Painted steel plate(with optional colors)
Lighting: Energy-saving fluorescent lamp
Floor: Checkered steel plate



Standard COP

Panel: Hairline stainless steel
Display board: Dark gray acrylic
Display mode: Segment code
Call button: Fretting button/stainless steel border hairline
Answer lamp: Light emitting diode



SH-CZ-022

⤴

Standard

SH-HJX-002

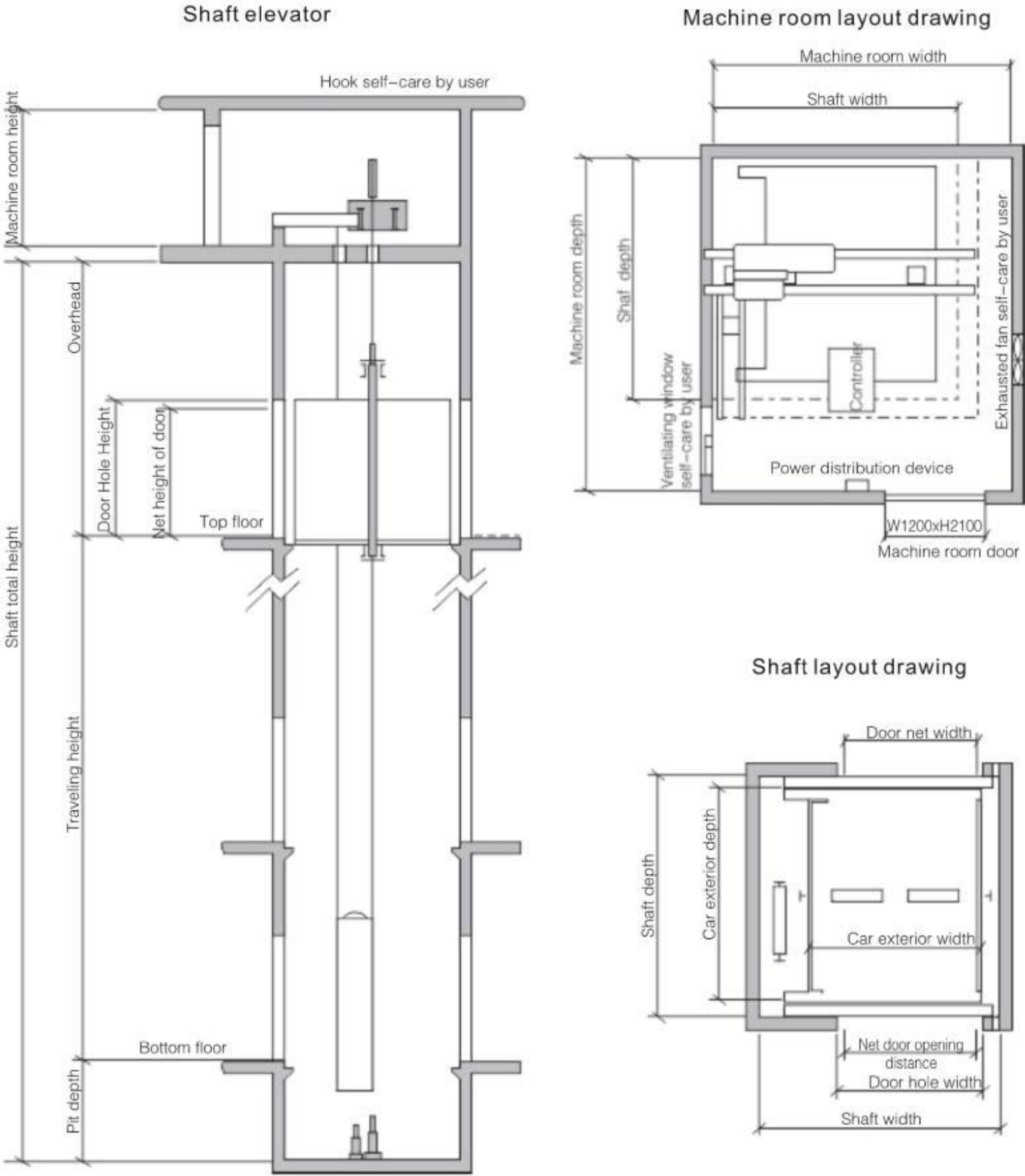
⤵

(Optional car)
Car ceiling:Hairline stainless steel
Car wall:Hairline stainless steel
Car door:Hairline stainless steel
Lighting:Energy-saving fluorescent lamp
Floor:Checkered steel plate

Freight Elevator Function

Standard Function	
IC card management	Users can control the certain floors with this card.
Voice announcer	Voice announcement for running situation
Automatic rescue device (ARD)	The elevator will automatically run to the nearest door zone when the power supply fails.
Advance door opening	In process of leveling, the distance is right, and the speed is little than the regulated one, the door will open in advance.
Arrival forecasting light	Flashing when the elevator is leveling, to remind the passenger that it will landing.
Arrival chime	It can ring when the elevator is landing.
Remote monitoring	It can monitoring the running situation of elevator.
Earthquake shutdown function	When the earthquake device is moving, the elevator will landing at the nearest floor, and open the door.
Fireman operation	Firemen can use this elevator to travel to destination without responding to calling outside.
Self re-leveling	When the leveling is not accurate, it will re-leveling automatically.
Sub control panel	It just like the main accurate, it will re-leveling automatically.
Rear car operational panel	It control the rear opening and close.
The handicapped car operational panel	It specially designed for the handicapped people.
Group control	Through the group control to coordinate the running of many elevators.
The service for the rush hour of go to work	Only for group control, when the elevator runs up form the home floor with three more instructions, and other elevator in response to instructions and calls with automatically return to home floor and open doors.
The service for the rush hour of off work	Only for group control, when the elevator runs comes down from the home floor with three more instructions, and other elevator in response to instructions and calls will automatically return to home floor and open doors.
Dispersed waiting	Only for group control, when the elevator stops running in a specific time, the elevator will return to the pre-setting floor to shorten the call time for various floors to improve efficiency.
Isolated control of front and rear door	There are two kinds: one is the rear car operational board, the other is the call box outside the rear door.
Anti nuisance operation	It can cancel the disturbance instruction.
VIP service	It can cancel all the instruction and call until the VIP arrives the certain stop without any other stop.
Door remaining open function	Keep press the door open to delay of door closing.
LCD indicator	It can clearly indicate the floors and other information.

Freight Elevator
Construction Layout Drawing

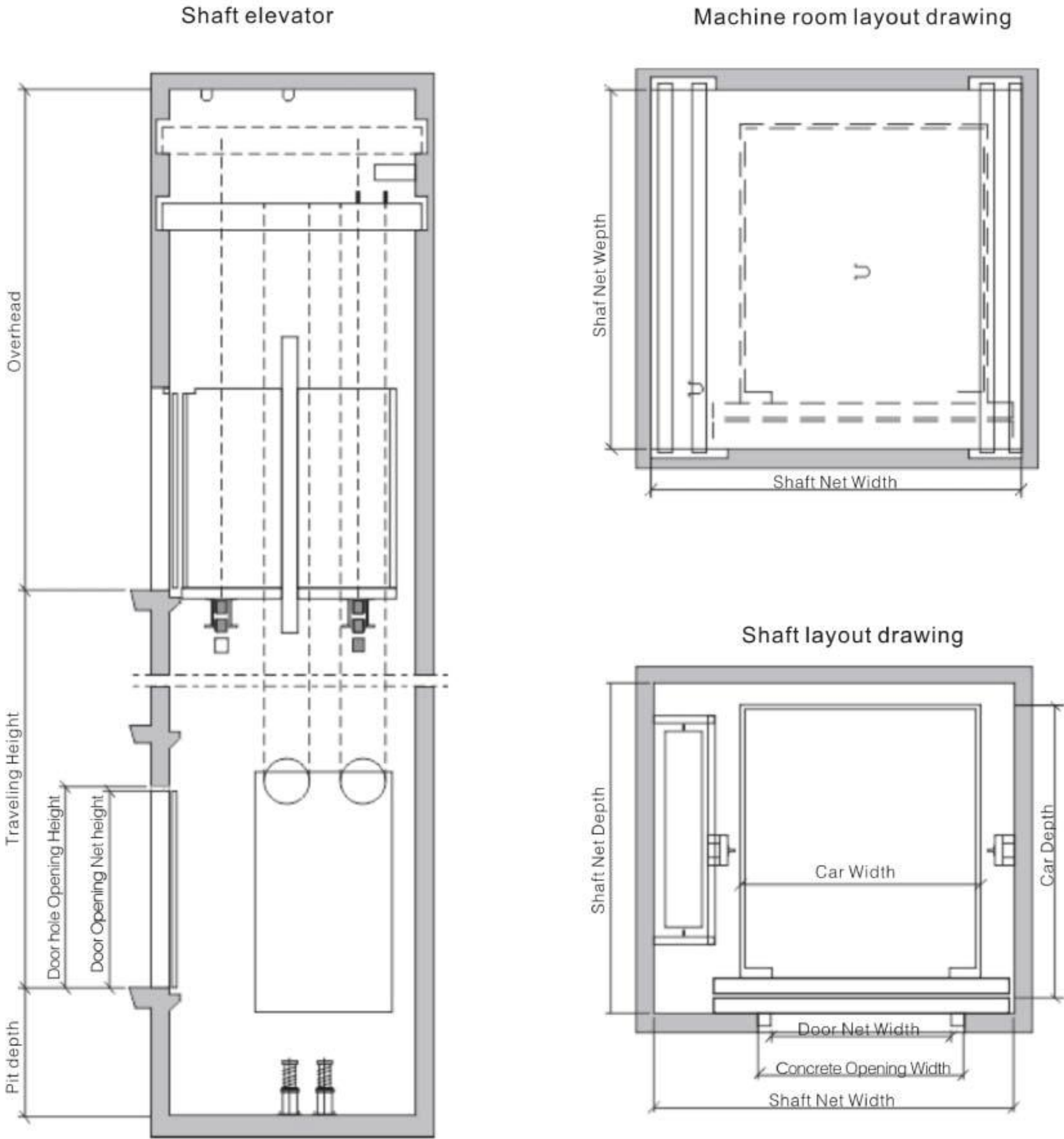


Freight elevator specifications

Load (kg)	Speed (m/s)	Exterior size of car (mm)	Net door opening D.WxD.H(mm)	Shaft size (mm)			Machine room size (mm)		Door open type
		C.WxC.DxD.H	2P Central opening	H.WxH.D	HR.H	PIT	MR.WxMR.D	MR.H	
630	0.5	1200x1500x2200	1100x2100	2100x1860	4200	1500	2500x3000	2200	Two panel side opening
1000	0.5	1500x1800x2200	1200x2100	2250x2160	4200	1500	3000x3000	2200	Two panel side opening
2000	0.5	1570x2900x2200	1500x2100	2700x3260	4200	1500	3500x3000	2500	Two panel side opening
	1.0			4500	1500				Two panel side opening
	1.5	2000x2300x2200		4500	1600				Four panel side opening
	2.0			2850x2660	4800	1800			
3000	0.25	2070x3050x2200	1800x2100	3300x3410	4500	1500	3800x4200	2500	Four panel center opening
	0.5								
3200	1.0	2070x3100x2200	1800x2100	3300x3460	4500	1500	3800x4200	2500	Four panel center opening
5000	0.25	2800x3400x2500	2000x2200	4200x3800	5000	1600	4200x3800	2800	Four panel center opening
	0.5								
7000	0.25	3000x4200x2500	2600x2400	4500x4600	5000	1600	4500x4600	2800	Four panel center opening
	0.5								
10000	2.0	3070x5760x2500	2600x2400	4900x6200	5000	1600	4900x6200	2800	Four panel center opening

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

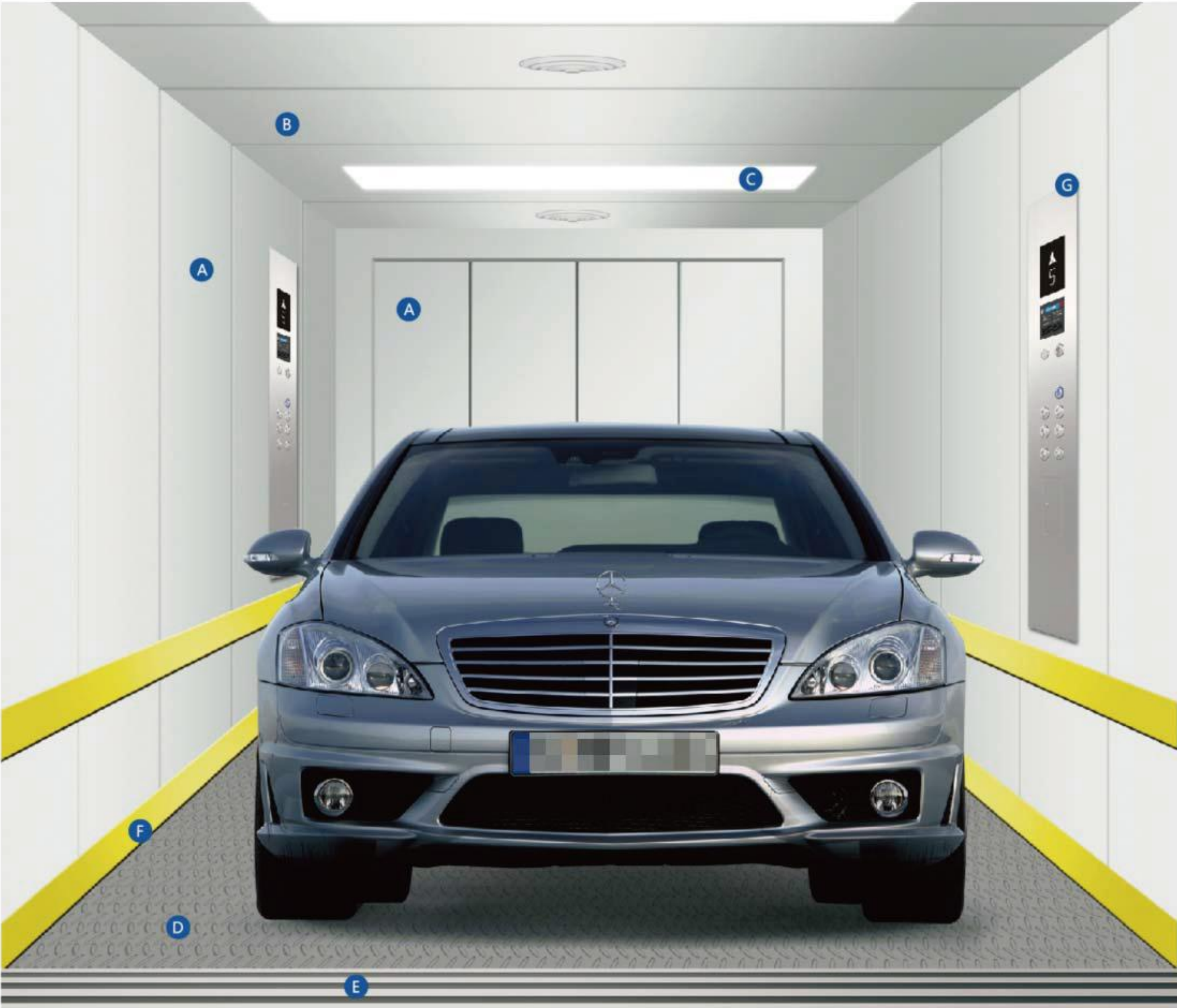
Machine Roomless (MRL) Freight Elevator
Construction Layout Drawing



Machine roomless(MRL) freight elevator specifications

Load (kg)	Speed (m/s)	Exterior size of car (mm)	Net door opening (mm)	Shaft size (mm)			Door open type
		C.WxC.DxD.H	D.WxD.H	H.WxH.D	HR.H	PIT	
1000	0.5	1500x1800x2200	1200x2100	2250x2200	4500	1500	Two panel side opening
	1.0				4500	1500	
	1.5				4600	1600	
	2.0				4800	1800	
2000	0.5	2000x2300x2200	1500x2100	3150x2660	4800	1500	Two panel side opening
	1.0				5000	1500	
	1.5				5200	1600	
	2.0				5200	1800	
3000	0.5	2470x2560x2200	1800x2100	3700x3000	5000	1600	Four panel center opening
5000	0.5	2800x3400x2500	2400x2400	4250x3800	6100	1600	Four panel center opening

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



SH-QJX-001
(Standard car)

- A** Car wall, car door
Painted steel

E Sill
Cast iron
- B** Car ceiling
Painted steel

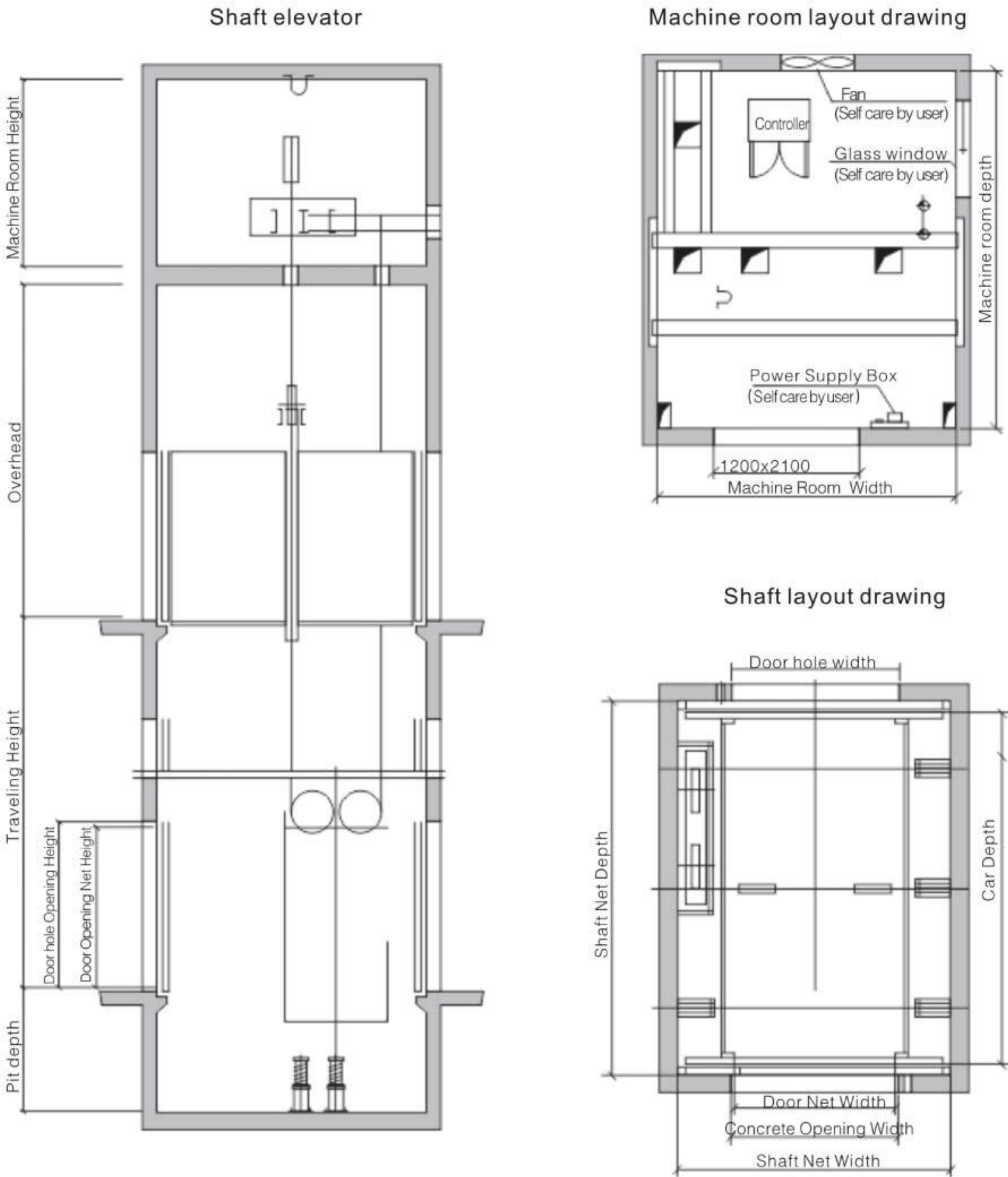
F Bumper strip
Optional
- C** Illumination
Energy-saving light

G COP
Hairline stainless steel
- D** Car floor
Checked steel plate

A Love Harbor For Your Beloved Car

Fifty Meters car elevator applies the well-developed micro-computer signal control system and accurate VVVF speed regulation control tech. It effectively avoids the shaking car due to unevenly encountered force. It runs without noise. It brings the more comfortable travel and more accurate leveling. With the bright and unique car design, humane and considerate functional setting are more convenient in operating car elevator and more secure when in entry and exit.

Car Elevator
Construction Layout Drawing



Car elevator specifications

Load (kg)	Speed (m/s)	Net door opening (mm)	Exterior size width x depth(mm)	Shaft size (mm)			Machine room size (mm)	Door open type
		width x height		H.WxH.D	HR.H	PIT	WxDxH	
3000	0.25/0.5	2400x2200	2700x5800	4100x6160	4800	1600	4100x6160x2500	Four panel center opening
5000	0.25 0.5	2600x2200	3500x7200	4750x7560			4750x7560x2500	Four panel center opening

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

Dumbwaiter Elevator

Slideway with the novel design

Central double section materials special slide way with unique design connects with operation through door slider. It reinforces smooth elevator door opening, reduces door sheet gap. It is convenient for installation and adjustment.



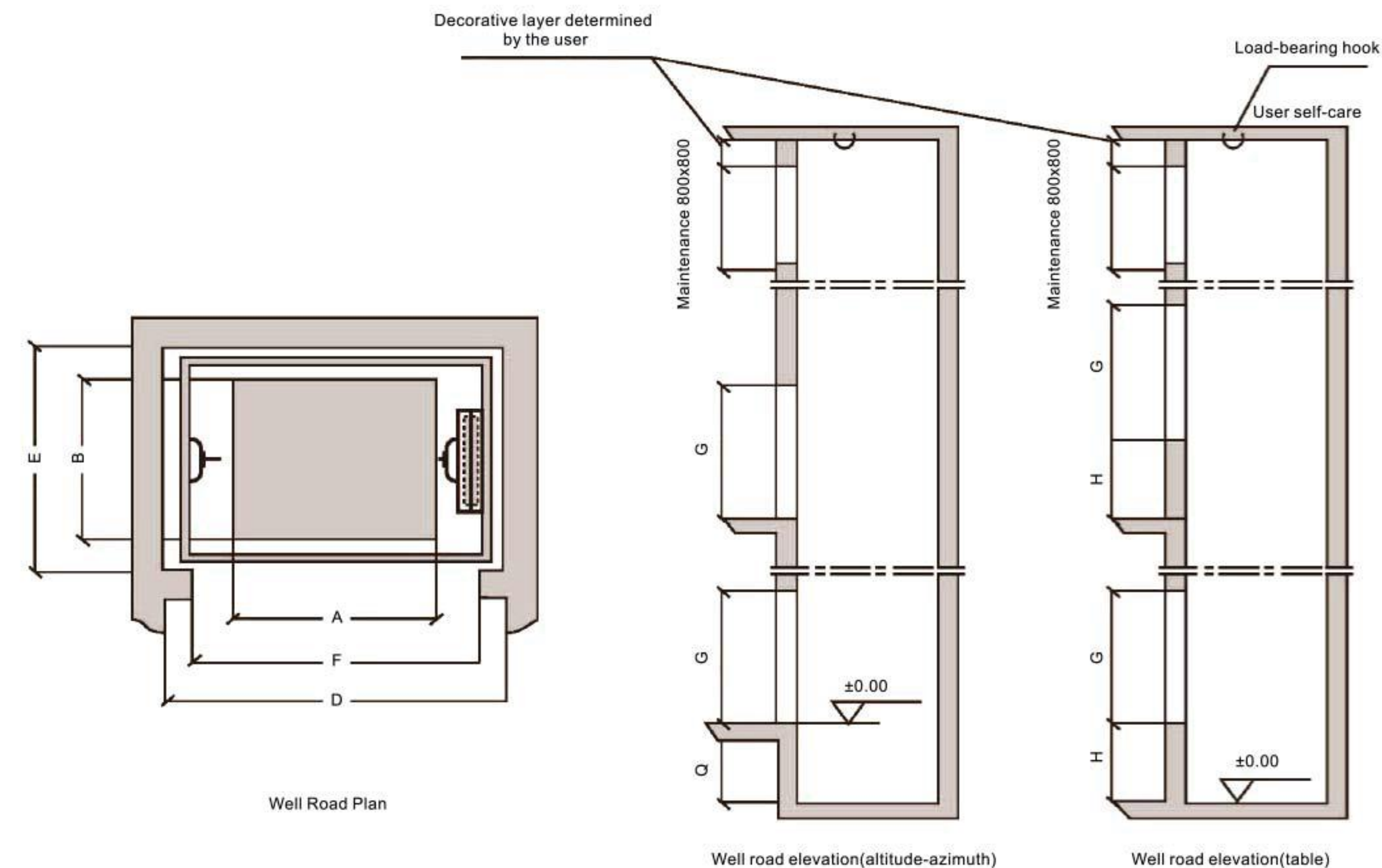
SH-ZE001
Windows type



SH-ZE002
Floor type



Construction Plans/ Parameter Table



Parameter table

Model	Load(kg)	Traction machine power(kw)	Car size A(W)B(deep)C(H)			Well road, the size (side of the re-) D(wide) E(D)		Well road, the size (side of the re-) D(wide) E(D)		The top of a high degree of	Pit depth Q	Size at the entrance reserved FGH		
WR-300	100	1.1	600	600	800	1200	900	1000	1050	≥3000	-	800	1000	800
WR-300	100	1.1	600	700	800	1200	1000	1000	1150	≥3000	-	800	1000	800
WR-300	100	1.1	700	700	800	1300	1000	1100	1150	≥3000	-	900	1000	800
WR-300	200	1.5	700	700	800	1300	1000	1100	1250	≥3000	-	900	1000	800
WR-300	200	1.5	800	800	900	1400	1100	1200	1350	≥3000	-	1000	1100	800
WR-300	200	1.5	800	900	1000	1400	1200	1200	1350	≥3000	-	1000	1200	800
WR-300	200	1.5	900	900	1000	1500	1200	1300	1450	≥3000	800	1100	1200	-
WR-300	200	1.5	800	1000	1100	1400	1300	1200	1450	≥3000	900	1100	1300	-
WR-300	200	1.5	1000	1000	1200	1600	1300	1400	1450	≥3000	900	1200	1400	-
WR-300	250	2.2	900	1000	1200	1500	1300	1300	1450	≥3000	900	1100	1400	-
WR-300	300	3	1000	1000	1200	1600	1300	1400	1450	≥3000	900	1200	1400	-

Passenger Elevator

Car Decoration



SH-KJX-001

Ceiling:SH-DD-001 Mirror S.Steel, LED lighting (optional)
SH-DD-002 Mirror S.Steel, organic transparent plate, LED lighting(optional)
Rear car wall: Hairline S.Steel
Side car wall: Hairline S.Steel
Front car wall, lintel: Hairline S.Steel
Car door: Hairline S.Steel
COP: SH-CZ-001(mosaic type), SH-CZ-002(integrated) hairline S.Steel
Floor: SH-DB-002 PVC(standard)

SH-KJX-002

Ceiling: SH -DD-005 Mirror S.Steel, LED lighting (optional)
SH-DD-002 Mirror S.Steel, organic transparent plate, LED lighting(optional)
Rear car wall: Mirror etching with Hairline S. Steel
Side car wall: Mirror etching with Hairline S. Steel
Front car wall, lintel: Hairline S. steel
Car door: Hairline S. steel
COP: SH-CZ-001(mosaic type), SH-CZ-002(integrated) hairline S. Steel
Floor: SH-DB-005 PVC (optional)



SH-KJX-003

Ceiling: SH -DD-002 Mirror S.Steel, LED lighting (optional)
SH-DD-006 Mirror S.Steel, organic transparent plate, LED lighting(optional)
Rear car wall: Golden Mirror etching with Hairline S. Steel
Side car wall: Golden Mirror etching with Hairline S. Steel
Front car wall, lintel: Hairline S. steel
Car door: Hairline S. sSteel
COP: SH-CZ-001(mosaic type), SH-CZ-002(integrated) hairline S. Steel
Floor: SH-DB-005 PVC (standard)

SH-KJX-004

Ceiling: SH-DD-001 Mirror S.Steel, LED lighting(optional)
SH-DD-002 Mirror S.Steel, organic transparent plate, LED lighting(optional)
Rear car wall: Embossed S.Steel with bust glass mirror
Side car wall: Embossed S.Steel
Front car wall, lintel: Embossed S.Steel
Car door: Embossed S.Steel
COP:SH-CZ-001(mosaic type), SH-CZ-002(integrated) mirror S.Steel
Handrail: Rear car wall WR-FS-001 hairline S.Steel round tube
Floor: SH-DB-005 PVC



Passenger Elevator

Car Decoration



SH-KJX-006

Ceiling: SH-DD-001 mirror S.Steel, LED lighting (Optional); SH-DD-002 mirror S.Steel, organic transparent plate, LED lighting(Optional)
Rear car wall: Middle: mirror etching S.Steel; left and right:mirror S.Steel
Side car wall: Middle: mirror etching S.Steel; left and right:mirror S.Steel
Front car wall, lintel: Mirror S.Steel
Car door: Mirror S.Steel
COP: SH-CZ-001(mosaic) SH-CZ-002(integrated) Mirror S.Steel
Handrail: SH-FS-001 Rear car wall hairline S.Steel round tube
Floor: SH-DB-005 PVC



SH-KJX-005

Ceiling: SH -DD-001 mirror S.Steel, LED lighting (Optional); SH-DD-002 mirror S.Steel, organic transparent plate, LED lighting(Optional)
Rear car wall: Middle: mirror etching S.Steel; left and right hairline S.Steel
Side car wall: Middle: mirror etching S.Steel; left and right: hairline S.Steel
Front car wall, lintel: Hairline S.Steel
Car door: Hairline S.Steel
COP:SH-CZ-001(mosaic) SH-CZ-002(integrated) Hairline S.Steel
Handrail: SH-FS-001 Rear car wall hairline S.Steel round tube
Floor: SH-DB-005 PVC



SH-KJX-007

Ceiling: SH-DD-001 mirror S.Steel, LED lighting (Optional); SH-DD-002 mirror S.Steel, organic transparent plate, LED lighting(Optional)
Rear car wall: Middle: mirror etching S.Steel; left and right:mirror S.Steel
Side car wall: Middle: mirror etching S.Steel; left and right:mirror S.Steel
Front car wall, lintel: Hairline S.Steel
Car door: Hairline S.Steel
COP: SH-CZ-001(mosaic) SH-CZ-002(integrated) Hairline S.Steel
Handrail: SH-FS-001 Rear car wall hairline S.Steel round tube
Floor: SH-DB-005 PVC

SH-KJX-008

Ceiling: SH-DD-007 mirror S.Steel, LED lighting
Rear car wall: Middle: mirror etching S.Steel; left and right:Hairline S.Steel
Side car wall: Middle: mirror etching S.Steel; left and right:Hairline S.Steel
Front car wall, lintel: Hairline S.Steel
Car door: Hairline S.Steel
COP: SH-CZ-001(mosaic) SH-CZ-002(integrated) Hairline S.Steel
Handrail: SH-FS-001 Rear car wall hairline S.Steel round tube
Floor: SH-DB-013 PVC



Passenger Elevator

Car Decoration



SH-KJX-010

SH-KJX-010

SH-KJX-010

Ceiling: SH-DD-009 mirror S.Steel, LED lighting
Rear car wall: Middle: mirror etching S.Steel; left and right: hairline S.Steel
Side car wall: Middle: mirror etching S.Steel; left and right: hairline S.Steel
Front car wall, lintel: Hairline S.Steel
Car door: Hairline S.Steel
COP: SH-CZ-001(mosaic) SH-CZ-002(integrated) Hairline S.Steel
Handrail: SH-FS-001 Rear car wall hairline S.Steel round tube
Floor: SH-DB-012 PVC



SH-KJX-009

Ceiling: SH-DD-008 mirror S.Steel, LED lighting
Rear car wall: Middle: mirror etching S.Steel; left and right: hairline S.Steel
Side car wall: Middle: mirror etching S.Steel; left and right: hairline S.Steel
Front car wall, lintel: Hairline S.Steel
Car door: Hairline S.Steel
COP: SH-CZ-001(mosaic) SH-CZ-002(integrated) Hairline S.Steel
Handrail: SH-FS-001 Rear car wall hairline S.Steel round tube
Floor: SH-DB-014 PVC



SH-KJX-012

Ceiling: SH-DD-001 mirror S.Steel, LED lighting
Rear car wall: Middle: mirror etching S.Steel; left and right: hairline S.Steel
Side car wall: Middle: mirror etching S.Steel; left and right: hairline S.Steel
Front car wall, lintel: Hairline S.Steel
Car door: Hairline S.Steel
COP: SH-CZ-001(mosaic) SH-CZ-002(integrated) Hairline S.Steel
Handrail: SH-FS-001 Rear car wall hairline S.Steel round tube
Floor: SH-DB-004 PVC

SH-KJX-011

Ceiling: SH-DD-001 mirror S.Steel, LED lighting
Rear car wall: Middle: mirror etching S.Steel; left and right: hairline S.Steel
Side car wall: Middle: mirror etching S.Steel; left and right: hairline S.Steel
Front car wall, lintel: Hairline S.Steel
Car door: Hairline S.Steel
COP: SH-CZ-001(mosaic) SH-CZ-002(integrated) Hairline S.Steel
Handrail: SH-FS-001 Rear car wall hairline S.Steel round tube
Floor: SH-DB-004 PVC



Passenger Elevator

Car Decoration



SH-KJX-013

Ceiling: SH-DD-001 Titanium mirror S.Steel, LED lighting (Optional); SH-DD-002 Titanium mirror S.Steel,organictransparent plate, LED lighting(Optional)

Rear car wall: Middle: titanium mirror S.Steel; left and right:titanium mirror etching S.Steel

Side car wall: Middle: titanium mirror S.Steel; left and right:titanium mirror etching S.Steel

Front car wall, lintel: Titanium mirror S.Steel

Car door: Titanium mirror S.Steel

COP: SH -CZ-001(mosaic) SH-CZ-002(integrated) titanium mirror S.Steel

Handrail: SH-FS-002 Rear car wall wooden handrail

Floor: SH-DB-005 PVC

SH-KJX-014

Ceiling: SH-DD-001 Titanium mirror S.Steel, LED lighting (Optional);
SH -DD-002 Titanium mirror S.Steel,
Organic transparent plate, LED lighting(Optional)

Rear car wall: Middle: titanium mirror etching S.Steel, left and right: titanium etching S.Steel

Side car wall: Middle: titanium mirror etching S.Steel, left and right: titanium etching S.Steel

Front car wall, lintel: Titanium mirror S.Steel

Car door: Titanium mirror S.Steel

COP: SH -CZ-001(mosaic) SH-CZ-002(integrated) titanium mirror S.Steel

Handrail: SH-FS-002 Rear car door wooden handrail

Floor:SH-DB-005 PVC



SH-KJX-015

Ceiling: SH -DD-001 Titanium mirror S.Steel, LED lighting (Optional);
SH -DD-002 Titanium mirror S.Steel,
organic transparent plate, LED lighting(Optional)

Rear car wall: Middle: titanium mirror etching S.Steel; left and right: titanium S.Steel

Side car wall: Middle: titanium mirror etching S.Steel; left and right: titanium S.Steel

Front car wall, lintel: Titanium mirror S.Steel

Car door: Titanium mirror S.Steel

COP: SH-CZ-001(mosaic) SH -CZ-002(integrated) titanium mirror S.Steel

Handrail: SH-FS-002 Rear car wall wooden handrail

Floor: SH-DB-011 PVC

SH-KJX-016

Ceiling: SH-DD-001 Titanium mirror S.Steel, LED lighting (Optional);
SH -DD-002 Titanium mirror S.Steel, organic transparent plate, LED lighting(Optional)

Rear car wall: Middle: titanium mirror etching S.Steel; left and right: titanium etching S.Steel

Side car wall: Middle: titanium mirror etching S.Steel; left and right: titanium etching S.Steel

Front car wall, lintel: Titanium mirror S.Steel

Car door:Titanium mirror S.Steel

COP:SH-CZ-001(mosaic) SH-CZ-002(integrated) titanium mirror S.Steel

Handrail: SH-FS-002 Rear car wall wooden handrail

Floor: SH-DB-010 PVC



Passenger Elevator

Car Decoration



SH-KJX-018

Ceiling: SH-DD-005 Mirror S.Steel, LED lighting
Rear car wall: Middle: Wood finishes with mosaic trim strips;left and right: mirror S.Steel
Side car wall: Middle: Wood finishes with mosaic trim strips;left and right: mirror S.Steel
Front car wall, lintel: Mirror S.Steel
Car door: Mirror S.Steel
Handrail: SH-FS-001 Rear car wall hairline S.Steel round tube
Floor: SH-DB-006 PVC



SH-KJX-017

Ceiling: SH-DD-002 mirror S.Steel, organic transparent plate,LED lighting
Rear car wall: Middle:Horizontal wood grain panel; left and right:mirror S.Steel
Side car wall: Middle:Horizontal wood grain panel; left and right:mirror S.Steel
Front car wall, lintel: Mirror S.Steel
Car door: Mirror S.Steel
Handrail: SH-FS-001 Rear car wall and two sides hairline S.Steel round tube
Floor:SH-DB-006 PVC



SH-KJX-020

Ceiling: SH -DD-002 mirror S.Steel, organic transparent plate, LED lighting
Rear car wall: Middle: titanium mirror S.Steel; left and right:titanium mirror etching S.Steel
side car wall: Middle: titanium mirror etching S.Steel; left and right: titanium mirror S.Steel
Front car wall, lintel: Titanium mirror S.Steel
Car door: Titanium mirror S.Steel
Handrail: SH-FS-002 Rear car wall wooden handrail
Floor: SH-DB-006 PVC



SH-KJX-019

Ceiling: SH-DD-002 mirror S.Steel, organic transparent plate, LED lighting
Rear car wall: Middle: mirror S.Steel; left and right: Wood veneer
Side car wall: Middle: leather pattern decorative lamination; left and right: Wood veneer
Front car wall, lintel : Mirror S. Steel
Car door: Mirror S.Steel
Handrail: SH-FS-001 Rear car wall hairline S.Steel round tube
Floor:SH-DB-006 PVC

Panoramic Elevator

Car Decoration



SH-GJX-004

Top and below car cover: Titanium etching, steel plate with baking varnish

Panoramic car wall: Safety laminated glass

Decoration roof: Steel plate with baking varnish, acrylic decorative lamp

Car wall: Titanium mirror etching

Handrail: Titanium handrail

Floor: Marble pattern floor

SH-GJX-005

Top and below car cover: Bake painted steel, stainless steel plate, decorative light

Panoramic car wall: Safety laminated glass

Decoration roof: Bake painted steel with light passing board, LED light

Car wall : Hairline etching

Handrail: S.Steel single tube

Floor: PVC floor



SH-GJX-006

Top and below car cover: Steel plate spraying, ti-finished stainless steel hoardings

Panoramic car wall: Safety laminated glass

Decoration roof: Multi-lays lighting board, tube lamp

Car wall : Hairline S.Steel

Handrail: S.Steel single tube

Floor: PVC floor

SH-GJX-007

Top and below car cover: Steel plate baked enamel, decoration light

Panoramic car wall: Hairline stainless steel, safety laminated glass

Decoration roof: Baked enamel frame, acrylic, LED tube light

Car wall : Hairline S.Steel

Handrail: S.Steel single round tube

Floor: PVC floor



Panoramic Elevator

Car Decoration



SH-GJX-008

Top and below car cover: Spraying steel plate, lighting
Panoramic car wall: Safety laminated glass
Decoration roof: Mirror S.Steel, acrylic, LED lights
Car wall: Hairline S.Steel
Handrail: S.Steel single round tube
Floor: PVC floor

SH-GJX-009

Top and below car cover: Steel plate spraying
Panoramic car wall: Safety laminated glass
Decoration roof: Multilayer reflective craft board with organic crystal lamp
Car wall: Safety laminated glass
Handrail: S.Steel hairline plate
Floor: PVC floor



SH-GJX-010

Top and below car cover: Hairline S.Steel
Panoramic car wall: Safety laminated glass
Decoration roof: Mirror S.Steel, down lights
Car wall: Safety laminated glass
Handrail: S.Steel single tube
Floor: PVC floor

SH-GJX-011

Top and below car cover: Painted steel plate
Panoramic car wall: Safety laminated glass
Decoration roof: Transparent plate add tube light
Car wall: S.Steel made hairline board
Handrail: S.Steel single tube
Floor: PVC floor



Optional COP&LOP



Standard
SH-CZ-002(Mosaic type)

Optional configuration:
1.Hairline S.Steel;
2.Mirror S.Steel;
3.Titanium mirror S.Steel

Standard
SH-CZ-002(Integrated type)

Optional configuration:
1.Hairline S.Steel;
2.Mirror S.Steel;
3.Titanium mirror S.Steel

SH-CZ-003

Optional configuration:
1.Hairline S.Steel;
2.Mirror S.Steel;
3.Titanium mirror S.Steel

SH-CZ-004

Optional configuration:
1.Hairline S.Steel;
2.Mirror S.Steel;
3.Titanium mirror S.Steel

Elevator Decoration



SH-CZ-005

Optional configuration:
1.Hairline S.Steel;
2.Mirror S.Steel;
3.Titanium mirror S.Steel

SH-CZ-006

Titanium mirror S.steel

SH-CZ-007

Black glass touch

- 1 SH-WH-001 Wall-mounted type
- 2 SH-WH-002 Wall-mounted type
Hairline S.Steel

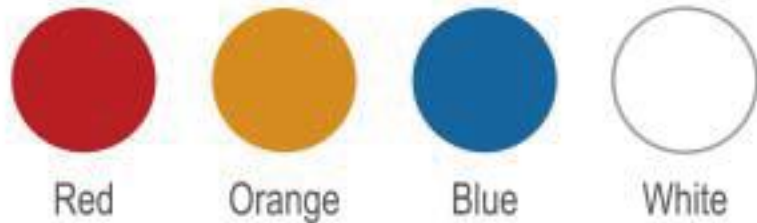
- 3 SH-WH-003 Wall-mounted type
- 4 SH-WH-004 Mosaic type
- 5 SH-WH-005 Wall-mounted type
- 6 SH-WH-006 Mosaic type

Optional configuration:
1.Hairline S.Steel;
2.Mirror S.Steel;
3.Titanium mirror S.Steel

- 7 SH-WH-007 Mosaic type
- 8 SH-WH-008 Mosaic type
Titanium mirror S.Steel

- 9 SH-WH-009 Mosaic type
Black glass touch

Button Light Color



SH-CZ-008

Optional configuration:
1.Hairline S.Steel;
2.Mirror S.Steel;
3.Titanium mirror S.Steel

SH-CZ-018

Optional configuration:
1.Hairline S.Steel;
2.Mirror S.Steel;
3.Titanium mirror S.Steel

SH-CZ-019

Optional configuration:
1.Hairline S.Steel;
2.Mirror S.Steel;
3.Titanium mirror S.Steel



Optional Rear Wall



SH-HB-004
Back wall middle mirror S.Steel



SH-HB-005
Back wall middle mirror etching



SH-HB-006
Back wall middle mirror etching



SH-HB-007
Back wall middle mirror etching



SH-HB-008
Back wall middle mirror etching



SH-HB-009
Back wall middle mirror etching



SH-HB-010
Back wall middle mirror etching



SH-HB-011
Back wall middle mirror etching



SH-HB-012
Back wall middle mirror etching



SH-HB-013
Back wall middle titanium mirror



SH-HB-014
Back wall middle titanium etching



SH-HB-015
Back wall middle titanium etching



SH-HB-016
Back wall middle titanium etching

Optional Ceiling



SH-DD-001
Optional configuration:
1.Mirror S.Steel;
2.Titanium mirror S.Steel;
3.Painted Steel



SH-DD-002
Optional configuration:
1.Mirror S.Steel;
2.Titanium mirror S.Steel;
3.Painted Steel



SH-DD-003
Optional configuration:
1.Mirror S.Steel;
2.Titanium mirror S.Steel;
3.Painted Steel



SH-DD-004
Optional configuration:
Painted S.Steel



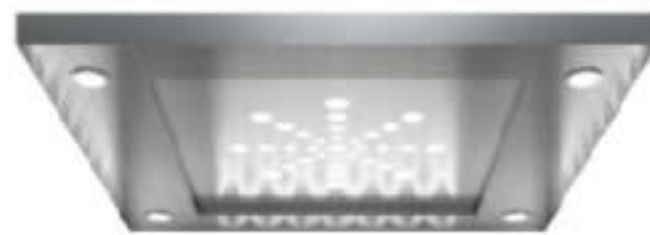
SH-DD-005
Optional configuration:
1.Mirror S.Steel;
2.Titanium mirror S.Steel;
3.Painted Steel



SH-DD-006
Optional configuration:
Mirror S.Steel



SH-DD-007
Optional configuration:
1.Mirror S.Steel;
2.Titanium mirror S.Steel;
3.Painted Steel



SH-DD-008
Optional configuration:
1.Mirror S.Steel;
2.Titanium mirror S.Steel;
3.Painted Steel



SH-DD-009
Optional configuration:
1.Mirror S.Steel;
2.Titanium mirror S.Steel;
3.Painted Steel



SH-DD-010
Gold and silver metal baking finish combination, LED lighting, primary form marble pattern soft lighting contrast

Optional Handrail



SH-FS-001
Optional configuration:
1.Hairline S.Steel;
2.Mirror S.Steel
3.Titanium mirror S.Steel



SH-FS-002
Wooden



SH-FS-003
Optional configuration:
1.Hairline S.Steel;
2.Mirror S.Steel
3.Titanium mirror S.Steel



SH-FS-004
Optional configuration:
1.Hairline S.Steel;
2.Mirror S.Steel
3.Titanium mirror S.Steel



SH-FS-005
Optional configuration:
1.Hairline S.Steel;
2.Mirror S.Steel
3.Titanium mirror S.Steel



SH-FS-006
Solid wood, titanium gold

Optional Landing Door



SH-CM-001
Hairline S. Steel
(First floor as standard)



SH-CM-002
Paint steel plate (color optional)
(standard for other layers)



SH-CM-005
Mirror, etched



SH-CM-006
Mirror, etched



SH-CM-007
Mirror, etched



SH-CM-008
Mirror, etched



SH-CM-009
Mirror, etched



SH-CM-010
Mirror, etched



SH-CM-011
Mirror, etched



SH-CM-012
Mirror, etched



SH-CM-013
Titanium, grain
Mirror, etched



SH-CM-014
Titanium, mirror, etched



SH-CM-015
Titanium, mirror, etched



SH-CM-016
Titanium, grain
Mirror, etched

Hall Transom Indicator



SH-HX-001
Hairline S. Steel



SH-HX-002
Hairline S. Steel

Optional Floor



SH-DB-001
(PVC/Marble)



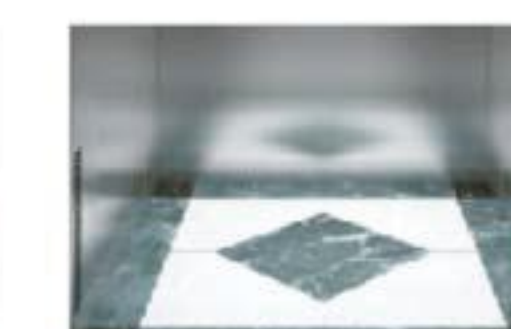
SH-DB-002
(PVC)



SH-DB-003
(PVC/Marble)



SH-DB-004
(PVC/Marble)



SH-DB-005
(PVC/Marble)



SH-DB-006
(PVC/Marble)



SH-DB-007
(PVC/Marble)



SH-DB-008
(PVC/Marble)



SH-DB-009
(PVC/Marble)



SH-DB-010
(PVC/Marble)



SH-DB-011
(PVC/Marble)



SH-DB-012
(PVC/Marble)



SH-DB-013
(PVC/Marble)



SH-DB-014
(PVC/Marble)



SH-DB-015
(PVC/Marble)



SH-DB-016
(PVC/Marble)

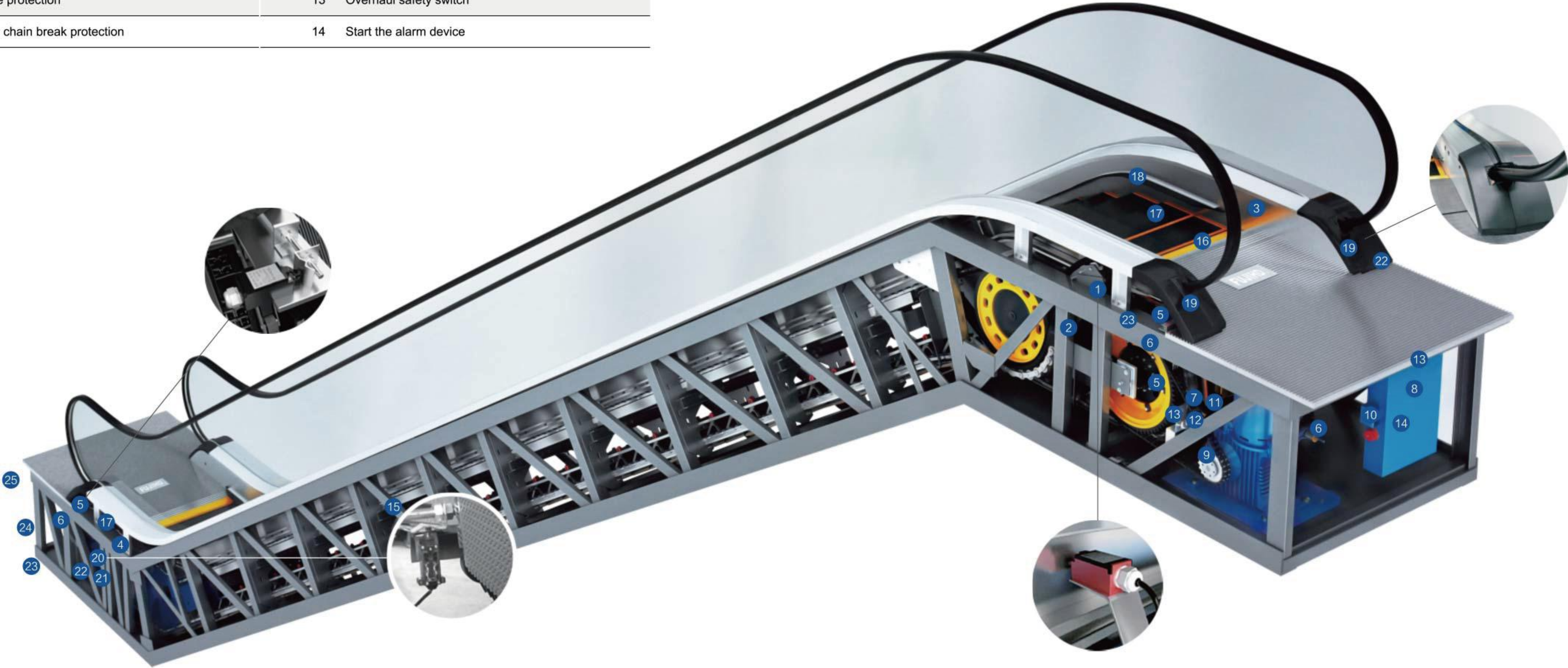


SH-DB-017
(PVC/Marble)

21 national standards development and multiple guarantees for technology patents

Standard safety device			
1	Drive chain break protection	8	Electrical circuit protection
2	Step lighting	9	Motor overload protection
3	Emergency stop button	10	Phase loss, misalignment protection
4	Handrail belt break protection device	11	Overspeed protection
5	Comb plate safety protection device	12	Non-operational reversal protection
6	Brake protection	13	Overhaul safety switch
7	Drive chain break protection	14	Start the alarm device

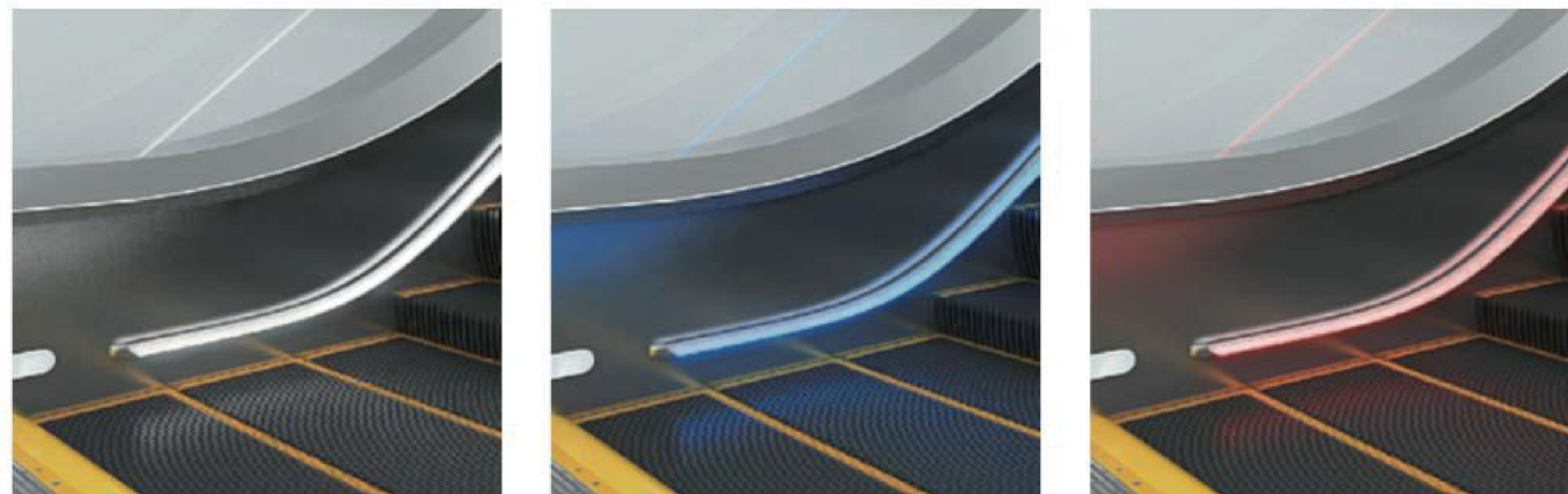
Standard safety device		Optional safety device	
15	Cascade collapse protection device	22	Additional brake (H>6m must be equipped)
16	Warning line	23	Lower machine room drainage
17	Handrail speed monitoring	24	Lower machine room water level detection (outdoor ladder)
18	Apron brush	25	Oil water separator (outdoor ladder)
19	Handrail with entrance protection		
20	Cascade chain break protection		
21	Step loss protection		



Optional function

Comb-board Lighting

White/blue/red



Handrail color

Gray/red/orange/blue



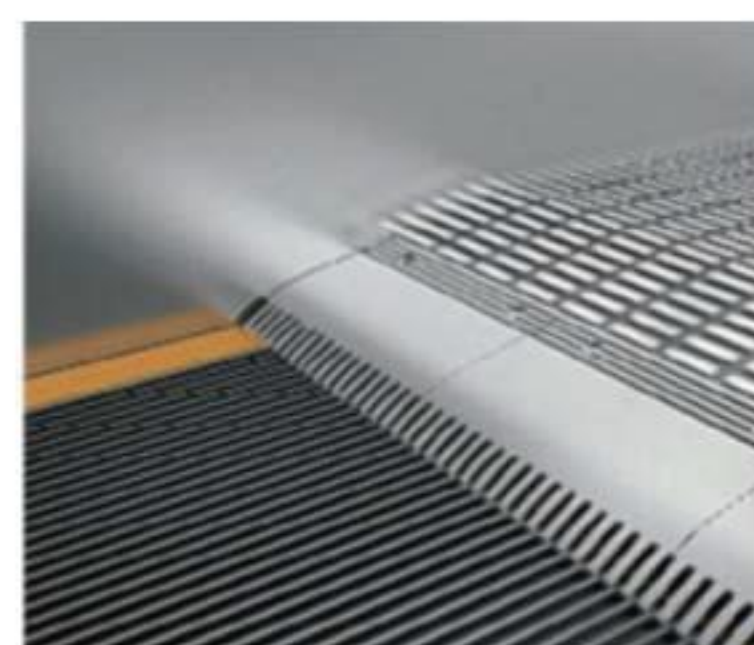
Voice HMI system

Voice prompt ride considerations



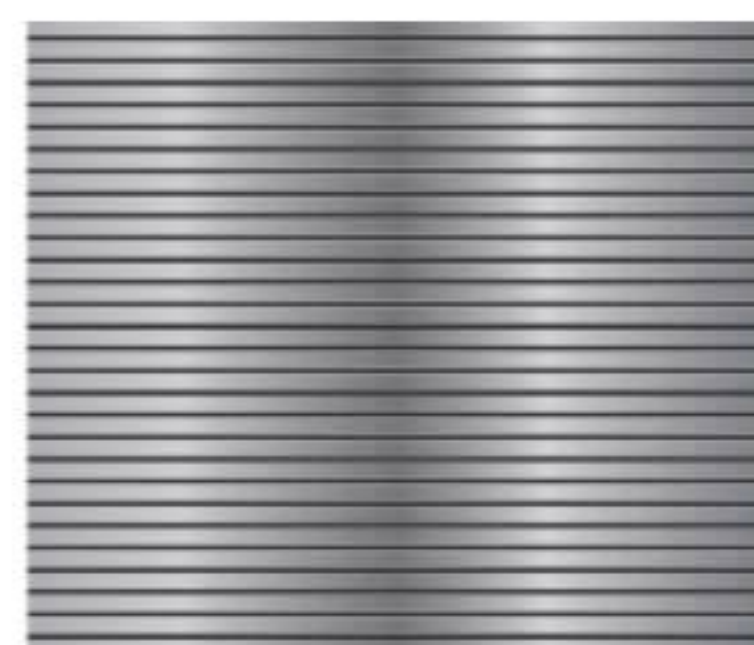
Comb

Aluminum alloy



Front panel, floor panel

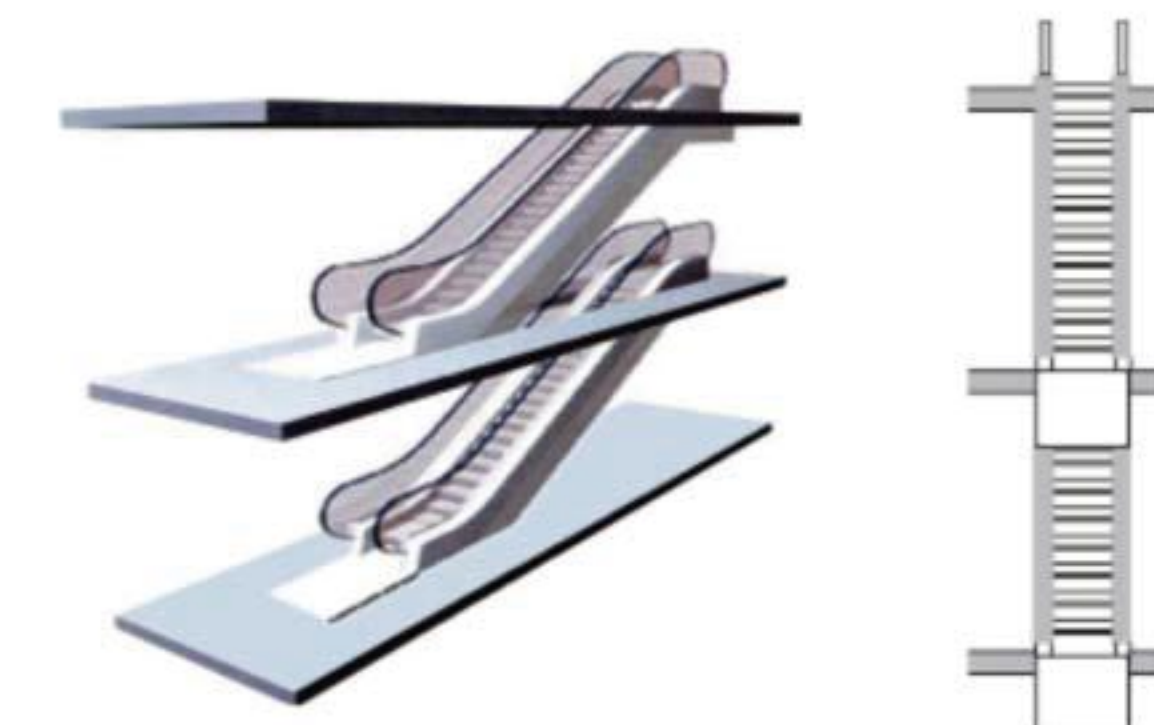
Aluminum alloy



Perfect layout

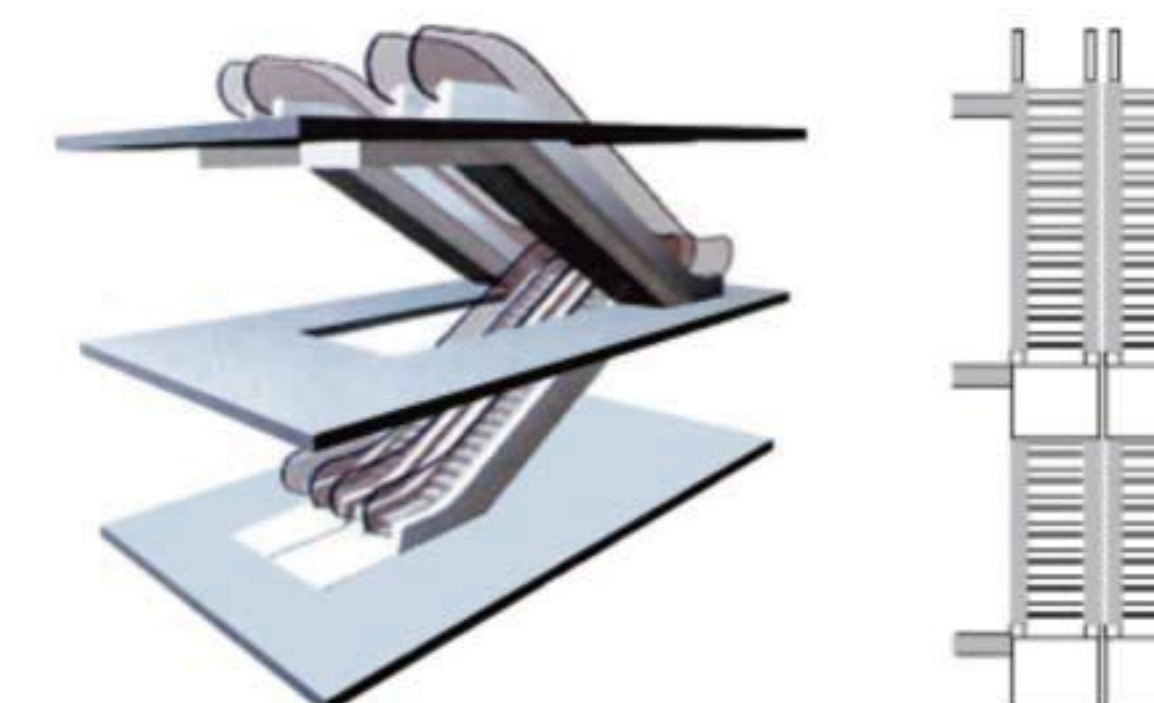
Intermittent layout (one-way traffic)

Suitable for operation between three floors in a smaller mall.



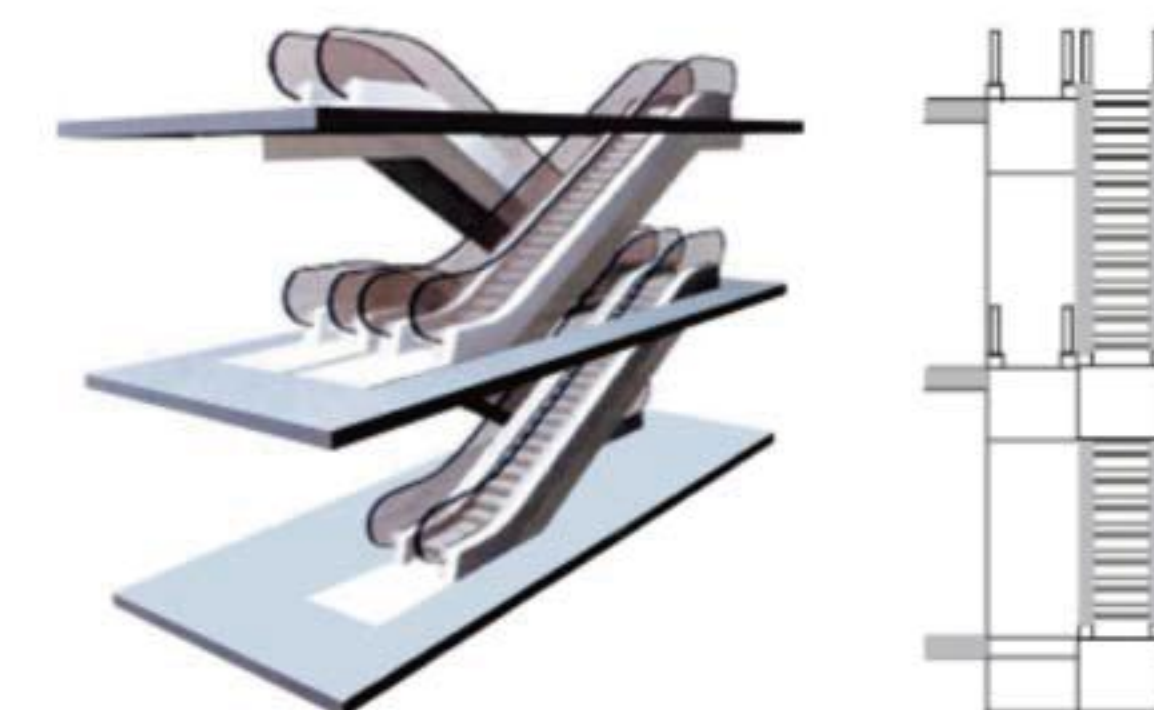
Parallel continuous arrangement (two-way traffic)

This kind of separation is not very convenient for the customer, but it is very advantageous for the owner of the store, because you can provide them with special services on the way to the escalator.



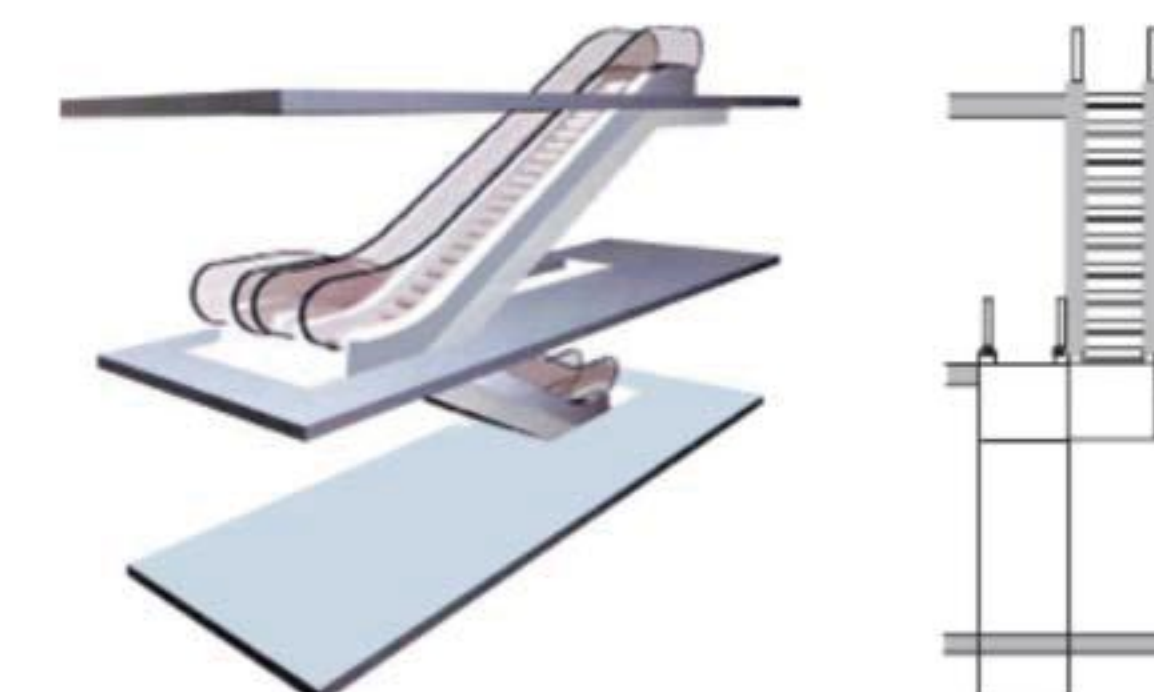
Cross-continuous arrangement (two-way traffic)

The cross-continuously arranged escalators installed in multiple floors can serve two running directions. This form is mostly used in shopping malls, and now more and more used in government agencies and public places, it can reduce between small main floors. Running time.



Continuous layout (one-way traffic)

A continuous configuration of escalators or sidewalks that connect several floors. It requires more space than intermittent.



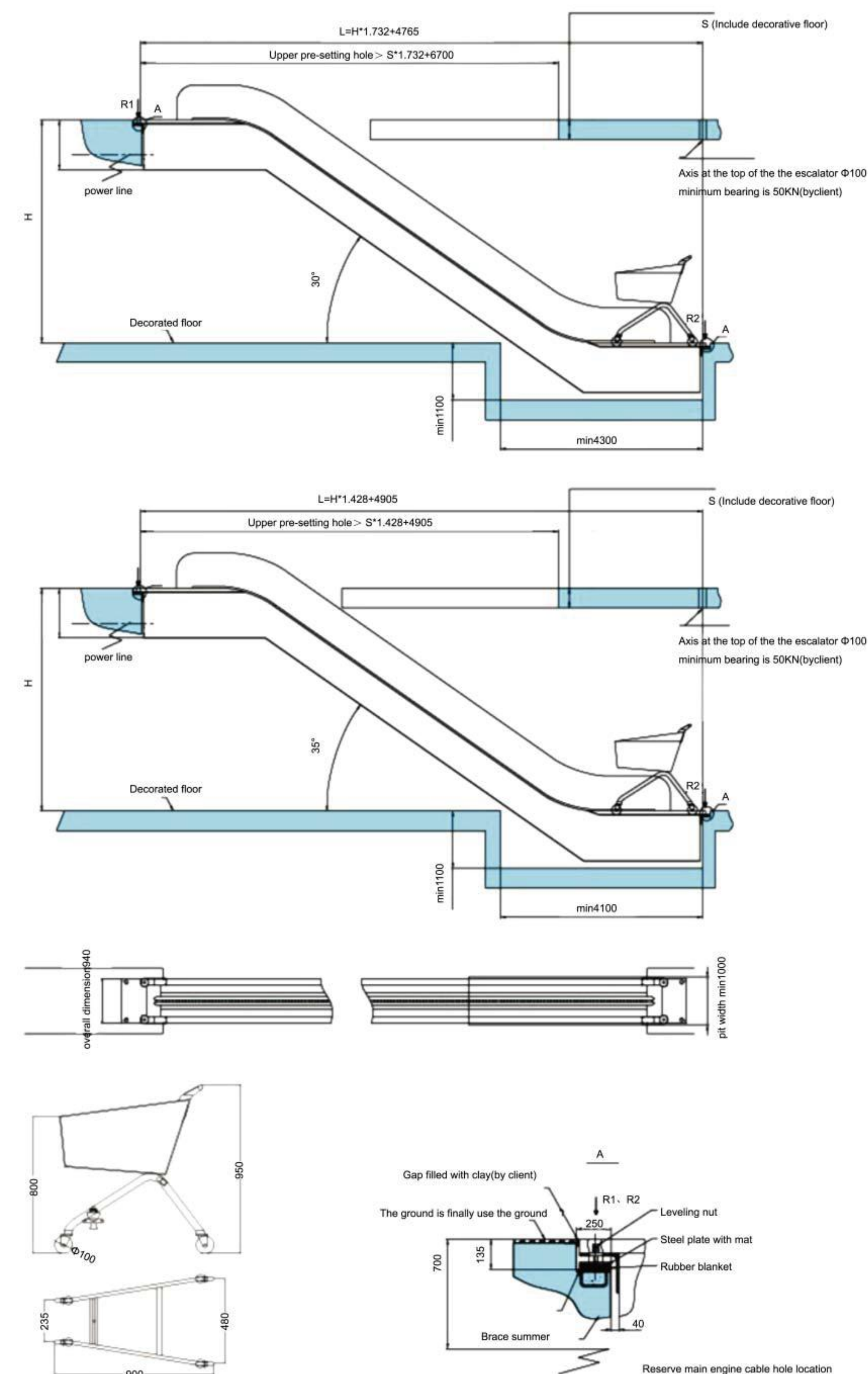
Shopping Cart Escalator



Variety advantages of shopping cart transport equipment

It applies advanced German technology. It is stable in running rail, convenient in maintenance, fine and exquisite in structure, attractive in outline. After shopping cart is moved in shopping cart transport equipment shopping cart jointly moves with escalator along rail. Passenger is separated from shopping cart. It increases security. It reduces consumer's burden. It is especially helpful for the old, the weak, kids, the disabled. It also shows great caring to consumers from shopping centers.

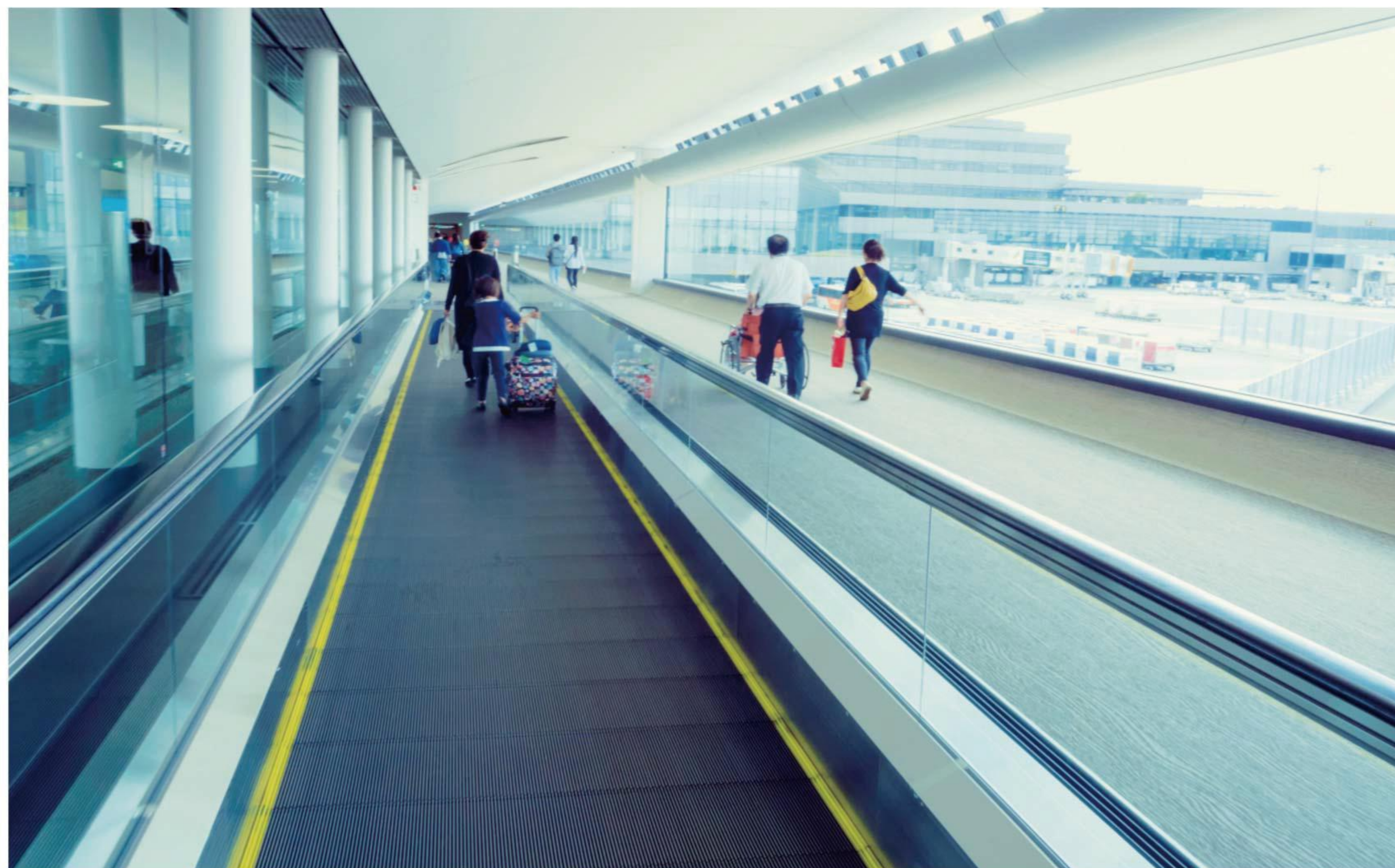
Shopping cart escalator construction layout diagram



Comprehensive Security System

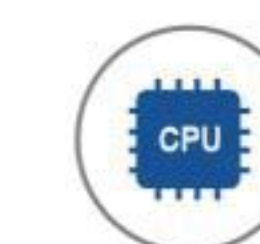
The **Fifty Meters** escalator series adopts a novel, fashionable and creative design, and quietly waits in every corner of the city in an elegant and atmospheric manner.

The strength of the carrying capacity, all of which highlights its advanced technology, reliable carrying and comfortable ride. Industry-leading innovative technology to achieve safe, energy-saving, environmentally friendly green operation, and promote the sustainable development of the city.



Energy-saving safety device

The integration of a number of international leading technologies and energy-saving safety devices completely eliminates the conventional hidden dangers of ladder chain looseness, step and apron plates, and comb-tooth plate friction, and regular maintenance to ensure safe and smooth operation.



Microcomputer control technology

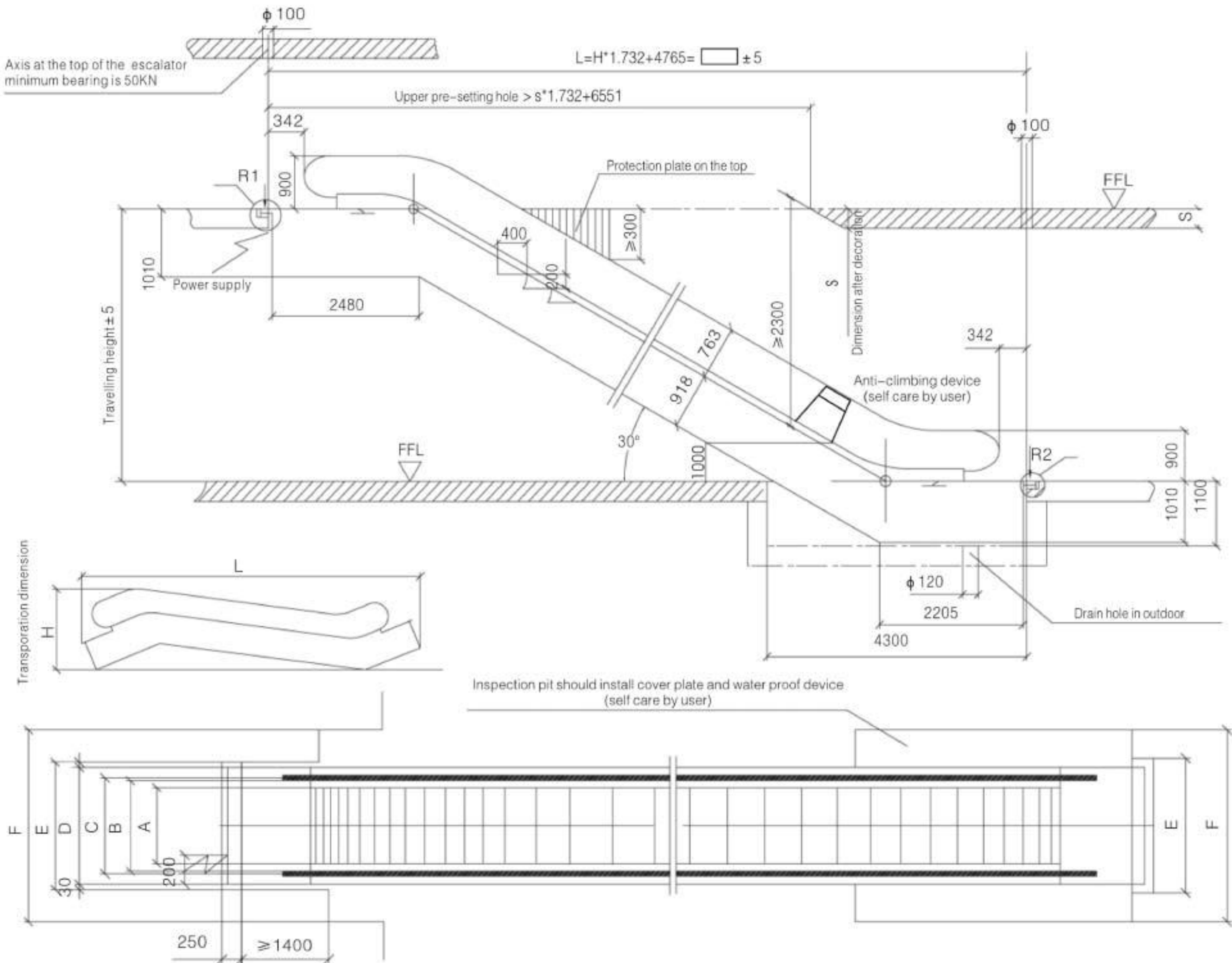
Adopting international leading computer control technology, controlled by CPU motherboard computer, It can fully monitor the running status of the escalator, detect and eliminate potential safety hazards in time, and ensure the safety of passengers.



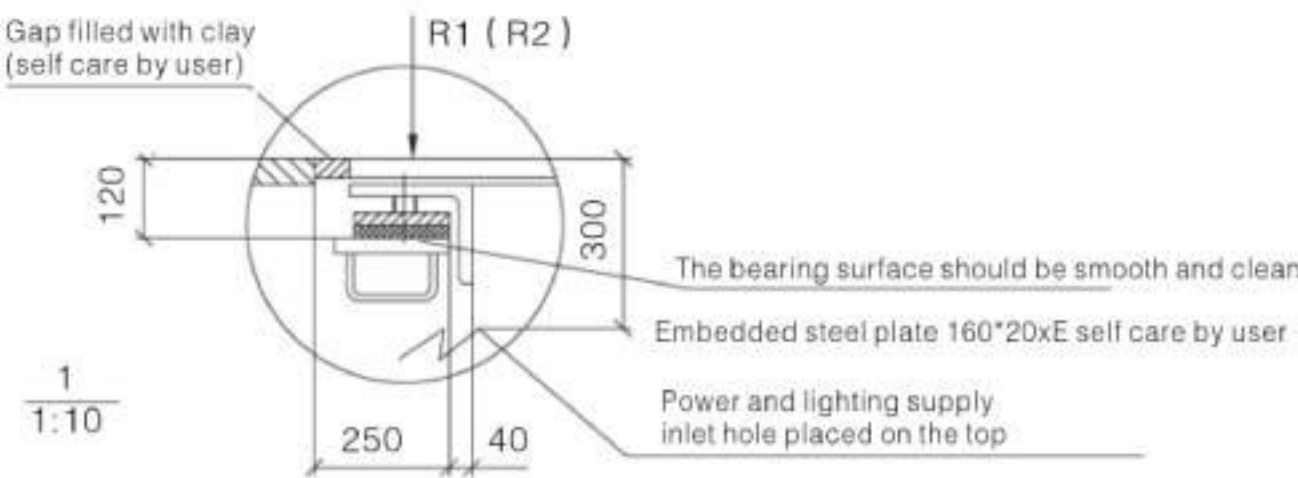
Real-time online monitoring

Real-time online monitoring of escalator and sidewalk operations,
Achieve fault warning,
Prevent the occurrence of major accidents,
Real-time to find the escalator malfunction,
Real-time to solve the fault.

30° Escalator
Construction Layout Drawing



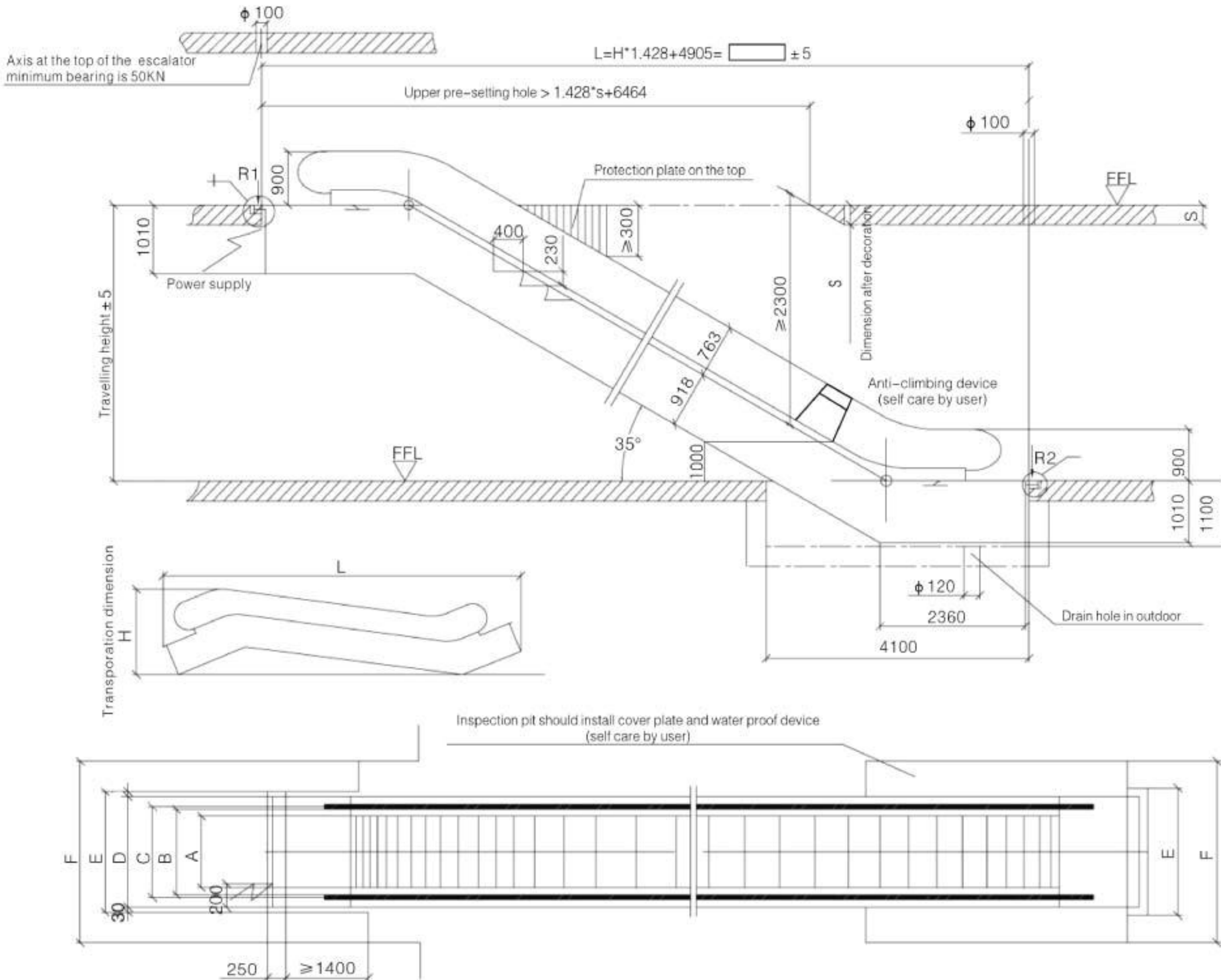
Motor capacity (KW)	Traveling height (Ladder width) 1000		Traveling height (Ladder width) 800		Traveling height (Ladder width) 600	
	1000-3300	5.5	1000-3500	5.5	1000-3700	5.5
	3400-4500	7.5	3600-4700	7.5	3800-4900	7.5
	4600-4900	8	4800-5100	8	5000-5200	8
	5000-5900	11	5200-5900	11	5300-5900	11
1000	1000	1158	1238	1600	1660	2310
800	800	958	1038	1400	1460	2110
600	600	758	838	1200	1260	1910
Step width	A	B	C	D	E	F
Model	Traveling height (mm)	Net weight			Transposition dimension	
FHE(600)-30 (3600人/h) Speed: 0.5m/s	3000	57	46	41	2750	10900
	3500	60	49	44	2780	11890
	4000	64	52	47	2810	12880
	4500	68	56	50	2830	13870
	5000	71	59	53	2840	14860
	5500	75	62	56	2860	15860
FHE(800)-30 (4800人/h) Speed: 0.5m/s	6000	79	65	59	2870	16860
	3000	59	52	47	2750	10900
	3500	63	56	50	2780	11890
	4000	67	60	54	2810	12880
	4500	71	64	57	2830	13870
	5000	74	68	60	2840	14860
FHE(1000)-30 (6000人/h) Speed: 0.5m/s	5500	82	74	66	2860	15860
	6000	86	78	69	2870	16860
	3000	63	59	53	2750	10900
	3500	67	64	57	2780	11890
	4000	71	68	61	2810	12880
	4500	75	73	65	2830	13870



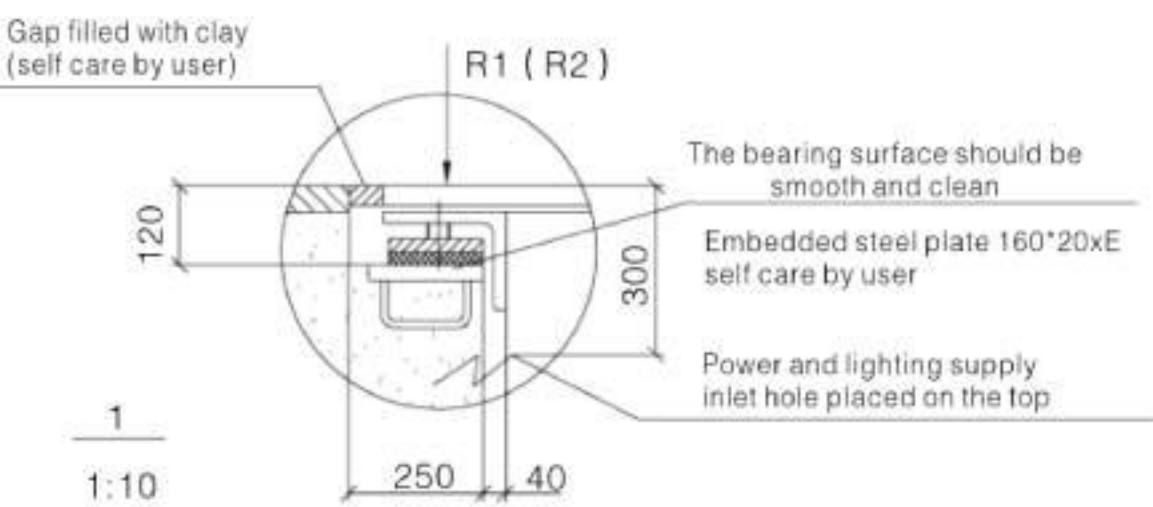
Instruction

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

35° Escalator
Construction Layout Drawing



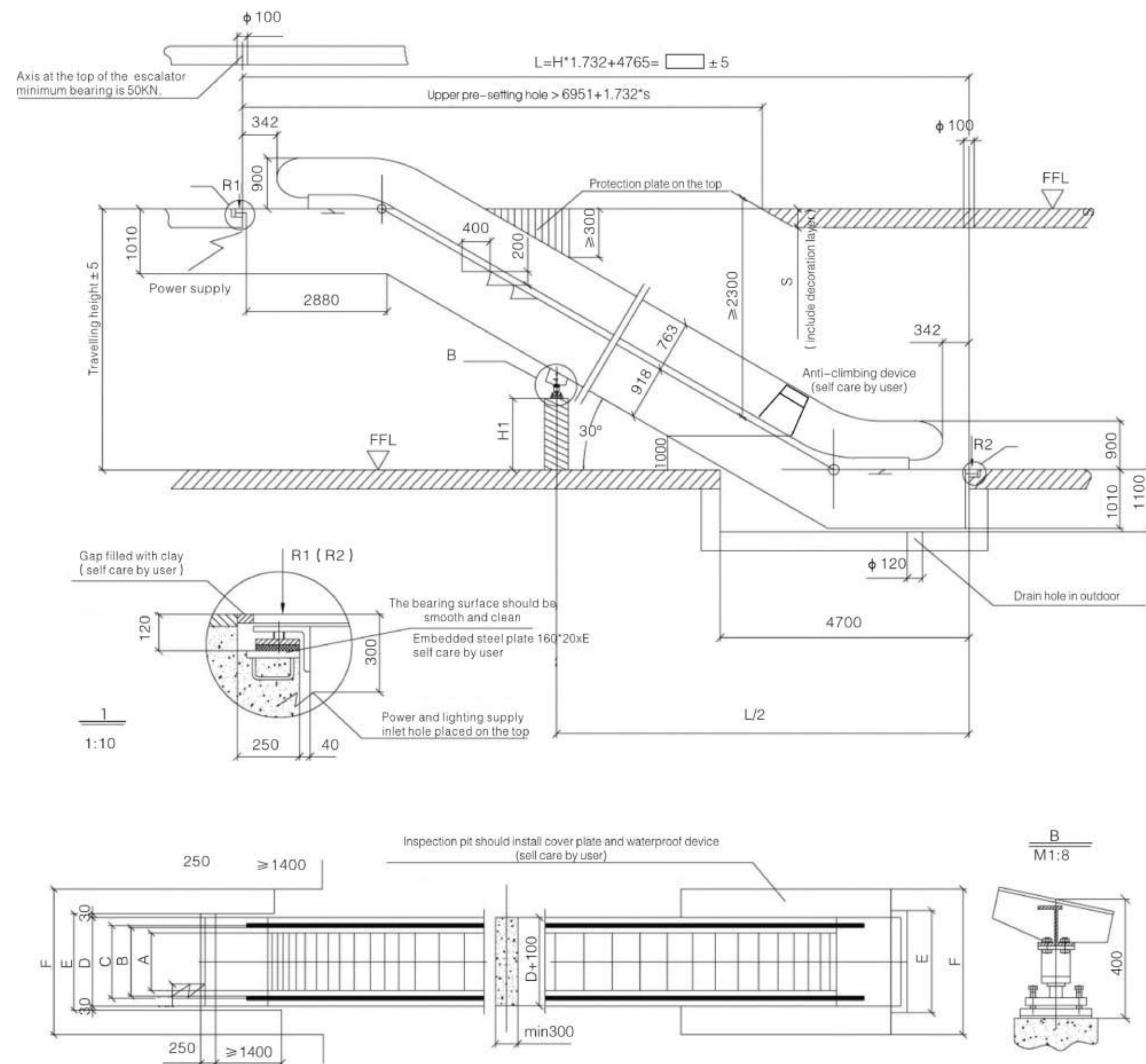
Motor capacity (KW)	Traveling height (Ladder width) 1000		Traveling height (Ladder width) 800		Traveling height (Ladder width) 600	
	1000-3500	5.5	1000-3700	5.5	1000-3900	5.5
	3600-4700	7.5	3800-4900	7.5	4000-5100	7.5
	4800-5000	8	5000-5200	8	5200-5400	8
	5100-5900	11	5300-5900	11	5500-5900	11
1000	1000	1158	1238	1600	1660	2310
800	800	958	1038	1400	1460	2110
600	600	758	838	1200	1260	1910
Step width	A	B	C	D	E	F
Model	Traveling height (mm)	Net weight			Transposition dimension	
FHE35/600 (3600人/h) Speed: 0.5m/s	3000	54	43	39	2850	10180
	3500	57	46	41	2890	11030
	4000	60	49	44	2920	11890
	4500	64	52	46	2940	12750
	5000	67	54	49	2970	13610
	5500	70	57	51	2980	14470
FHE30/800 (4800人/h) Speed: 0.5m/s	6000	73	60	54	3000	15330
	3000	56	49	44	2850	10180
	3500	60	52	47	2890	11030
	4000	63	56	50	2920	11890
	4500	66	59	53	2940	12750
	5000	70	62	56	2970	13610
FHE35/1000 (6000人/h) Speed: 0.5m/s	5500	73	65	59	2980	14470
	6000	76	69	61	3000	15330
	3000	60	56	50	2850	10180
	3500	64	60	53	2890	11030
	4000	67	64	57	2920	11890
	4500	71	67	60	2940	12750



Instruction

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

Large height Escalator Construction Layout Drawing



Motor capacity (KW)	Traveling height (Ladder width) 1000		Traveling height (Ladder width) 800		Traveling height (Ladder width) 600	
	6000-6600	11	6000-6800	11	6000-7000	11
	6700-7800	15	6900-7800	15	7100-7800	15
1000	1000	1158	1238	1600	1660	2310
800	800	958	1038	1400	1460	2110
Step width	A	B	C	D	E	F

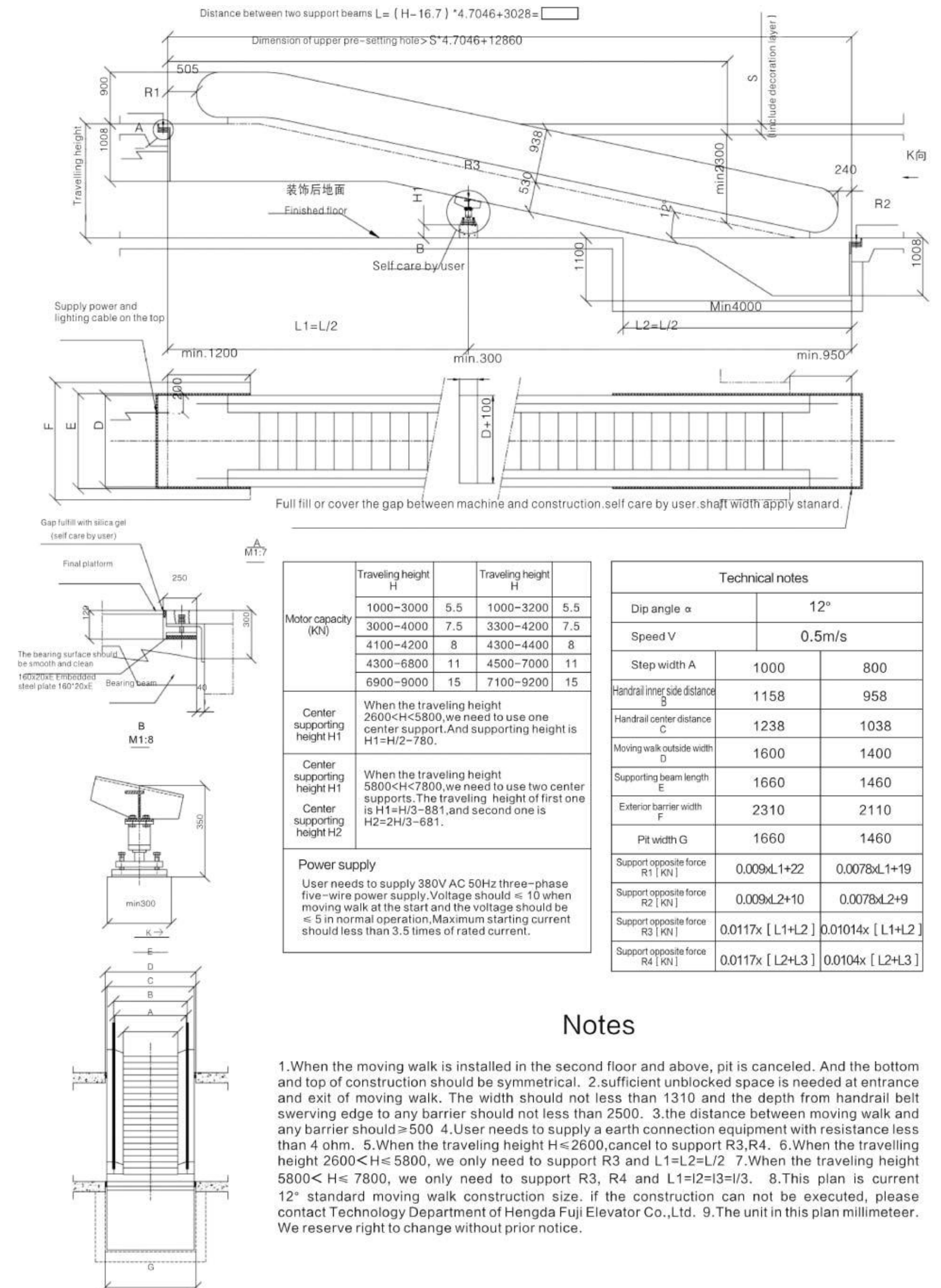
Note

1. when the travelling height of escalator is $6000 < H < 7800$, middle support should be set between the center of truss bearing beam. height of middle support $H1 = H/2 - 1330$. 2. bearing capacity of upper support beam $R1 = H \cdot 0.007 + 46$. 3. bearing capacity of downer support beam $R2 = H \cdot 0.007 + 36$. 4. capacity of center support $R3 = H \cdot 0.0216 + 90$ User supply 380V AC 50Hz power When moving walk start to work, the voltage reduced 10% in normal situation, the voltage reduced 5% when working, the mix started current should less 3.5 times than rated.

Instruction

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

12° Moving Walk Construction Layout Drawing



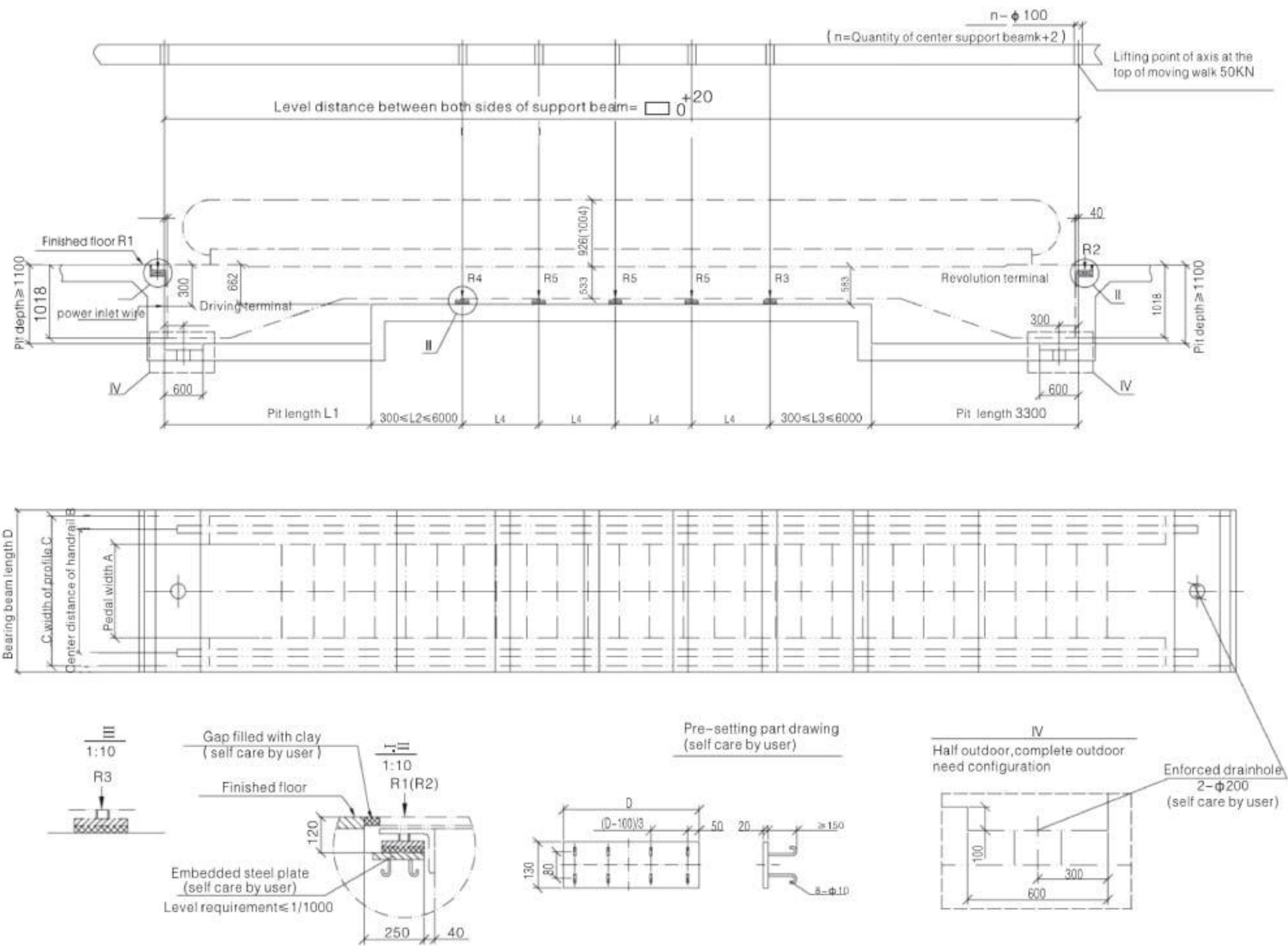
Motor capacity (KN)	Traveling height H		Traveling height H	
	1000-3000	5.5	1000-3200	5.5
	3000-4000	7.5	3300-4200	7.5
	4100-4200	8	4300-4400	8
	4300-6800	11	4500-7000	11
	6900-9000	15	7100-9200	15
Center supporting height H1	When the traveling height $2600 < H < 5800$, we need to use one center support. And supporting height is $H1 = H/2 - 780$.			
Center supporting height H2	When the traveling height $5800 < H < 7800$, we need to use two center supports. The traveling height of first one is $H1 = H/3 - 881$, and second one is $H2 = 2H/3 - 681$.			
Power supply	User needs to supply 380V AC 50Hz three-phase five-wire power supply. Voltage should ≤ 10 when moving walk at the start and the voltage should be ≤ 5 in normal operation. Maximum starting current should less than 3.5 times of rated current.			

Technical notes		
Dip angle α	12°	
Speed V	0.5m/s	
Step width A	1000	800
Handrail inner side distance B	1158	958
Handrail center distance C	1238	1038
Moving walk outside width D	1600	1400
Supporting beam length E	1660	1460
Exterior barrier width F	2310	2110
Pit width G	1660	1460
Support opposite force R1 [KN]	$0.009 \times L1 + 22$	$0.0078 \times L1 + 19$
Support opposite force R2 [KN]	$0.009 \times L2 + 10$	$0.0078 \times L2 + 9$
Support opposite force R3 [KN]	$0.0117 \times [L1 + L2]$	$0.0104 \times [L1 + L2]$
Support opposite force R4 [KN]	$0.0117 \times [L2 + L3]$	$0.0104 \times [L2 + L3]$

Notes

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

0° Moving Walk
Construction Layout Drawing



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

Notes

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

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

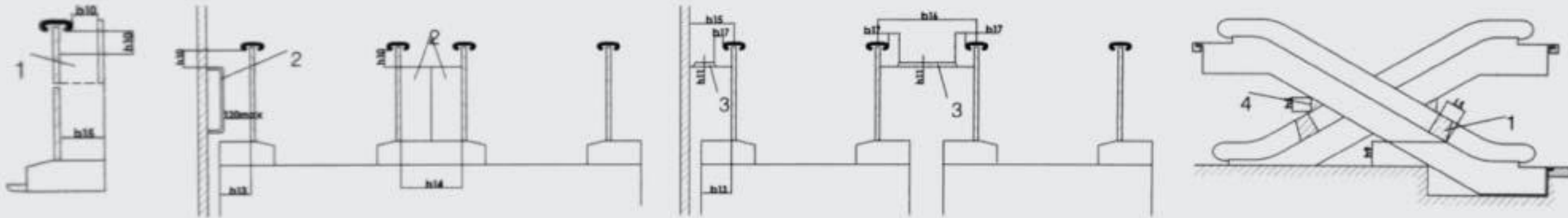
Installation Notice

●Besides complying with the drawing of the contract, attention should also be drawn to the following

●To ensure the safety of the escalator and moving walk,free space should be large enough in the landing area.(See the minimum size left)

●C= the distiance of the handrails

●Note: The graphical 1,2,3,4 safety devices function after the escalator installation and before the examination. They are at the users' own expense.



●Description

- 1-Anti-creep device(5.5.2.2)
- 2-Blocking device(5.5.2.2)
- 3-Anti-skid device(5.5.2.2)
- 4-Vertical apron(A.2.4)

Vertical apron	Clauses
b13,b14,b15,b16	5.2.2.2
b17≥100mm	5.5.2.2
h5≥0.30m	A.2.4
h9=(100±50)mm	5.5.2.2

Vertical apron	Clauses
h10=25mm-150mm	5.2.2.2
h11≥20mm	5.5.2.2
L5≥1000mm	5.5.2.2
b10=80mm	

●Note: Graphical representation is not proportional. It is only used for graphic illustration.

- Outer cover plate of escalator 1 moving walk shall install anti-creep device(1). Please refer to above table for installing height of anti-creep device and extension length L5 of outer cover plate. Its height shall be the same as that of handrail surface. It shall also accord with the graphic stipulations.
- When escalator / moving walk is adjacent to the wall, outer cover plate width b13> 125mm, blocking device (2) shall be installed in upper / lower end. It prevents the people from entering into outer cover plate area. When escalator 1 moving walk is adjacent to paralleled layout, common outer cover plate width b14> 125mm, the blocking device shall also be installed. It shall be extended to height h10.
- When handrail cover-plate which is close to handrail height is installed between escalator 1 inclined moving walk and adjacent wall, and distance between building (wall) and handrail central ling b15 is larger than 300mm,anti-skid device (3) shall be installed in handrail cover plate. Distance between anti-skid device and handrail shall≥b17. Spacing distance between anti-skid devices shall≤1800mm. Height h11 shall≥20mm. The device has no sharp angle /edge. As for adjacent escalator 1 inclined moving walk, when distance between handrail center-lines b15 > 400mm, anti-skid device shall be installed. It Shall also satisfy above requirements.

Parts of Fifty Meters Vertical Platform Lift



BRIEF INTRODUCTION

- **Fifty Meters** Vertical Lift Platform is suitable for wheelchair users, the elderly, children and people with reduced mobility.
- It is controlled by platform control panel and wireless remote control
- Driven by hydraulic power, it is highly efficient, stable and safe.
- Multiple safety device. With anti-drop function, when the drive chain breaks, the platform stops within 0.15 seconds; the bottom is equipped with a safety panel. If there are people or objects at the bottom, the platform cannot lower.
- All aluminum plate is optional.
- More than 85% of the external parts are made of rust-proof materials (stainless steel and aluminum alloy).
- 90° or 180° in and out
- The power supply uses single-phase power, and the control voltage uses DC24V safety voltage.
- PLC control system, safe and reliable.
- Platform load capacity 250Kg
- Lifting height is 800mm-10000mm
- Lifting speed is 60mm/s

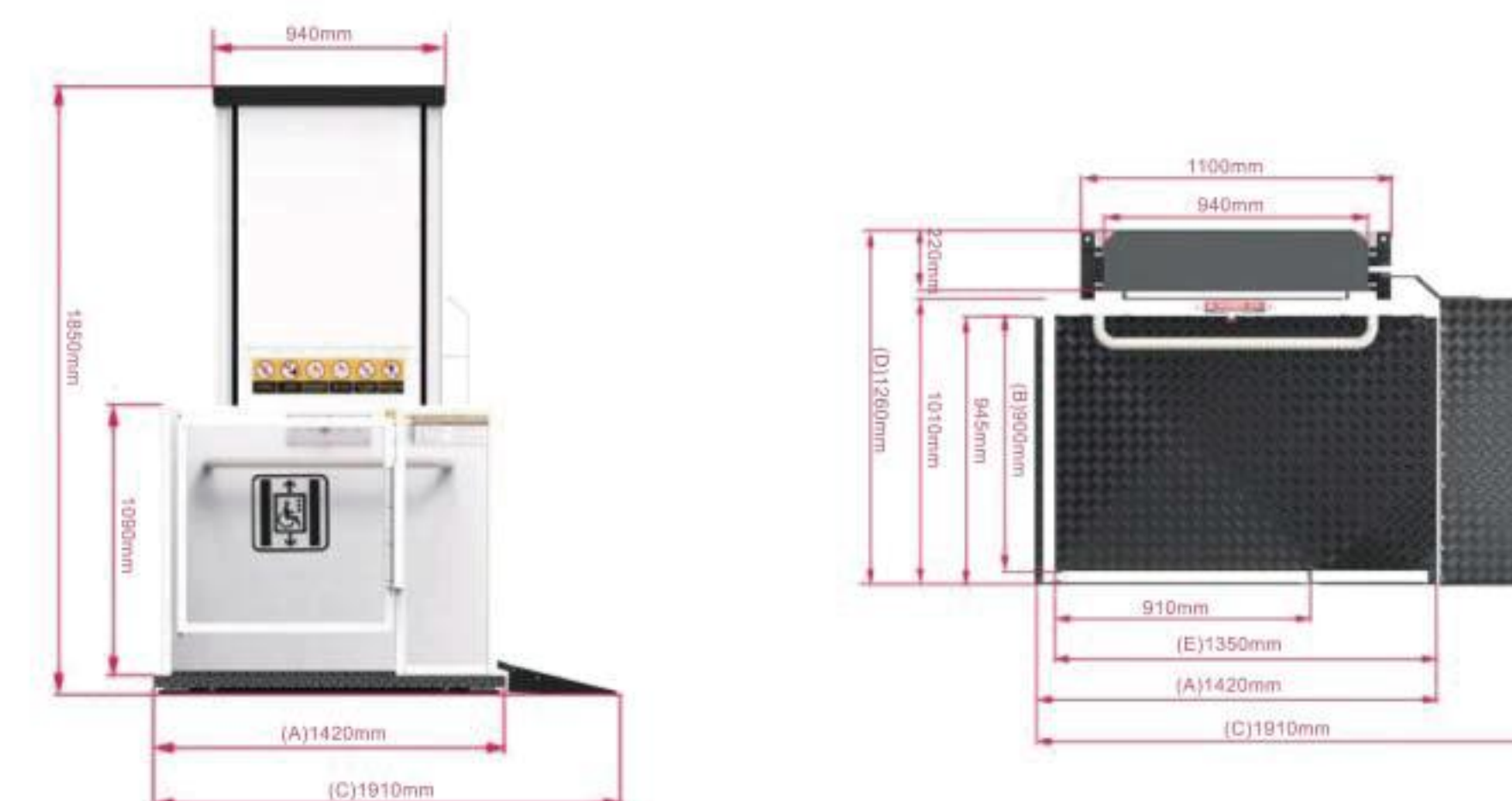
Two Access Options of Vertical Platform Lift



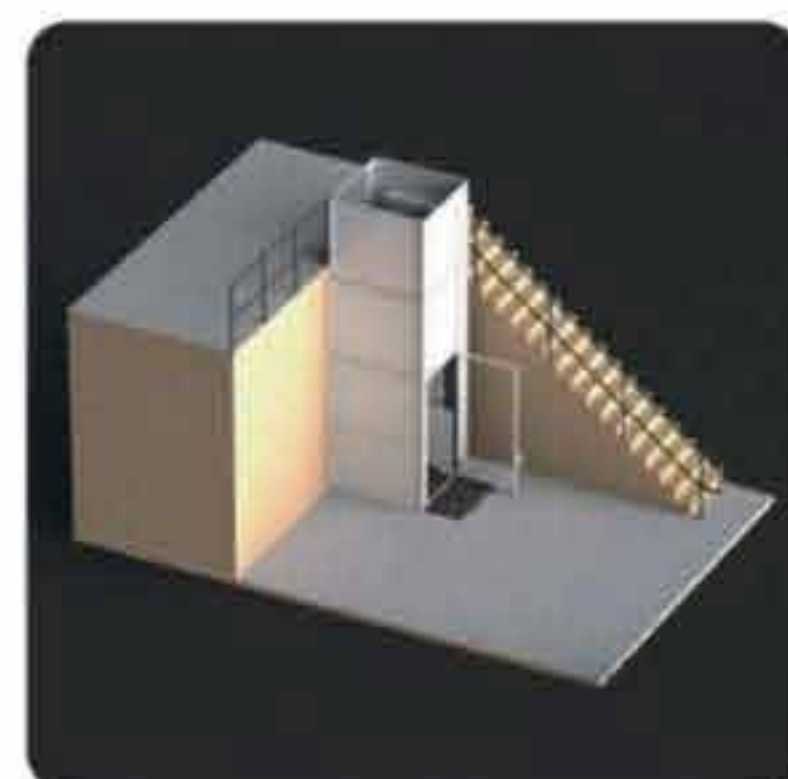
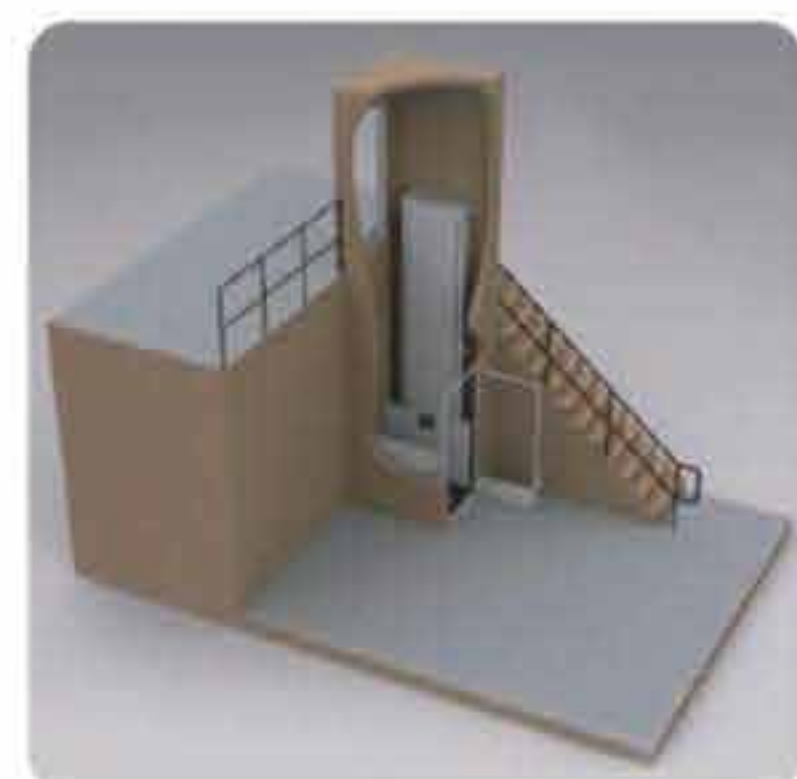
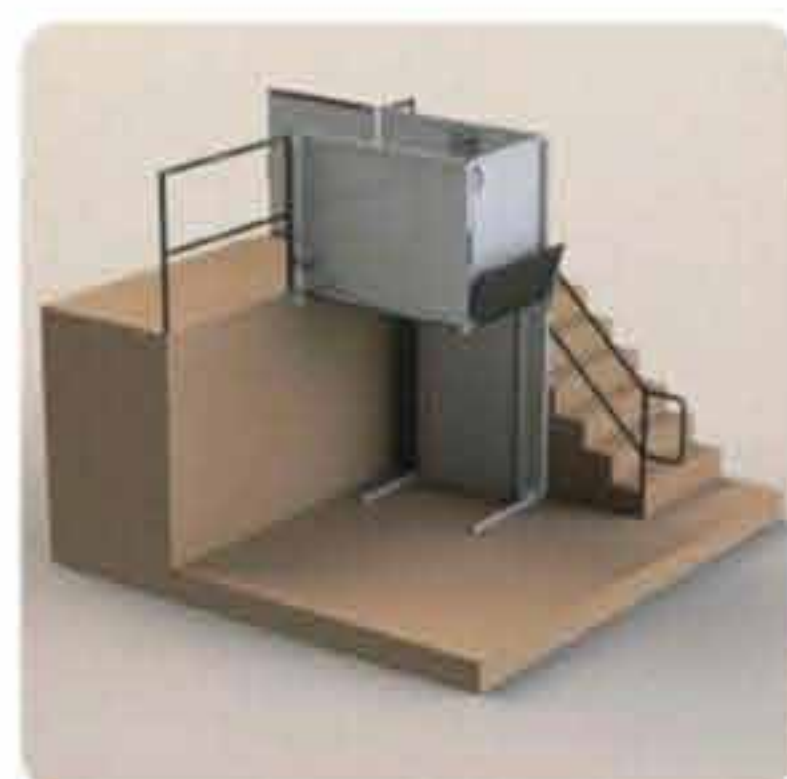
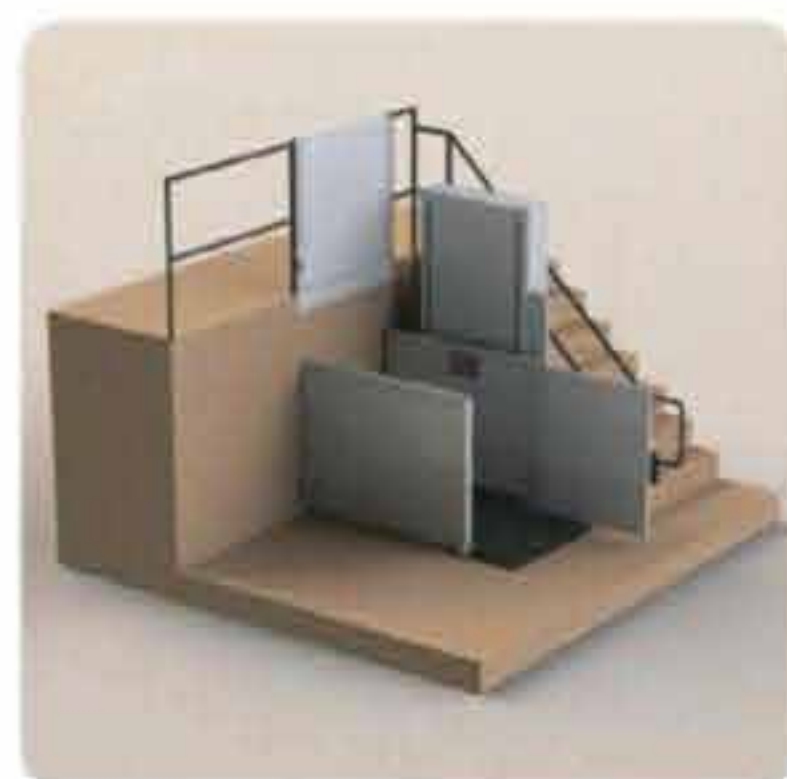
Dimension of Straight Through Access Lift Platform



Dimension of Adjacent Access Lift Platform



Different Working Applications



(Unenclosed Lift)

(Shaftway Lift)

(Enclosure Lift)

Vertical Platform Lift With Glass Enclosure



Enclosure is Consist of Aluminum Frame and Tempered Glass

Normal Case



Hydraulic Guide Rail Cargo Elevator

INTRODUCTION

Hydraulic guide rail cargo lift platform/cargo elevators are mainly installed in warehouse, workshop, logistics company, or rough building for lifting goods, the platform width size and horizontal size can refer to the user's real civil condition or construction condition.

The components of hydraulic cargo lifts are simple and stronger than ordinary elevators.

All of the ordinary elevator function and safety devices can be designed for hydraulic guide rail cargo elevators.

Extraordinary advantages: Larger capacity! Larger car size! More flexible designing and installation!

Larger capacity-- maximum capacity can up to 20T!

Hydraulic lifts can be installed no matter if there are shaft or not!

Maximum car size can up to width 5.0m x depth 10.0m!



Projects Installation Reference

Style 1. Steel Structure Site

This installation is the easiest project, with the assistance of steel structure and connection beams, the installation will become simple, installation time will shorter, installation engineer's work will become simplified.



Style 2. One Side Wall Site

Above photos show that only one side wall can support the whole lift's structure, the guide rail is the main steel structure of equipment, but the guide rails don't support any weight of the car, all of the car and goods' weight will give to lifting beam, chain and cylinder.



Style 3. Shaft Wall Interior Site

These projects installation work same to traction machine elevator's installation work, but the installation work processing is simpler than normal elevators.



Car Parking Lift



Single post car parking lift



Two post car parking lift



Four post car parking lift



Double wide 4 post car parking lift



Puzzle parking system



Stacker Parking Lift



4 post Triple stacker car parking lift



Scissor parking lift



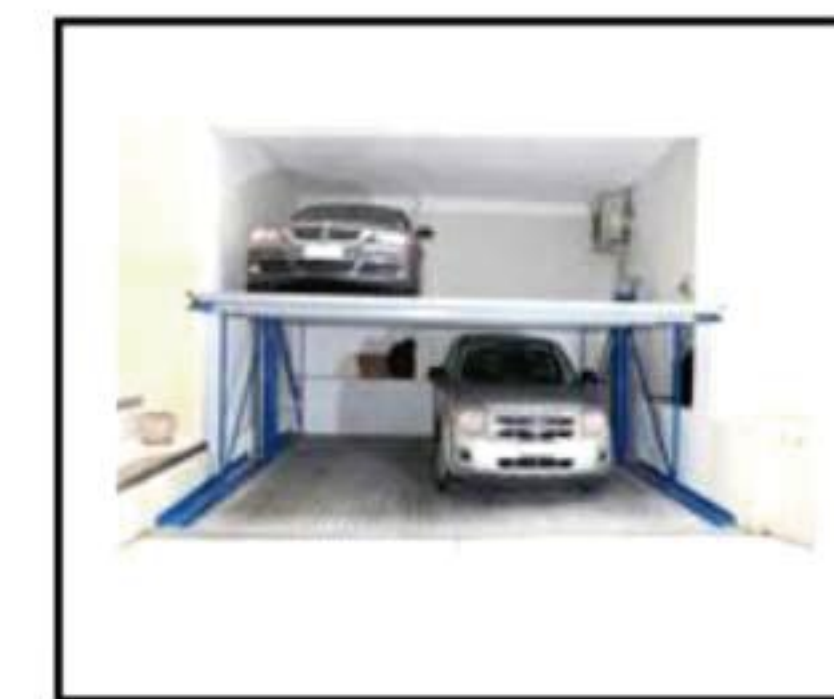
Tilting car parking lift



Motor driven pit car parking system (PDK)



Hydraulic inclined pit parking lift



Hydraulic underground car parking lift (4 parking space)



Hydraulic underground parking system (UPS)



Hydraulic scissor underground parking system (USS)



hydraulic 2 post underground parking system(UTS)

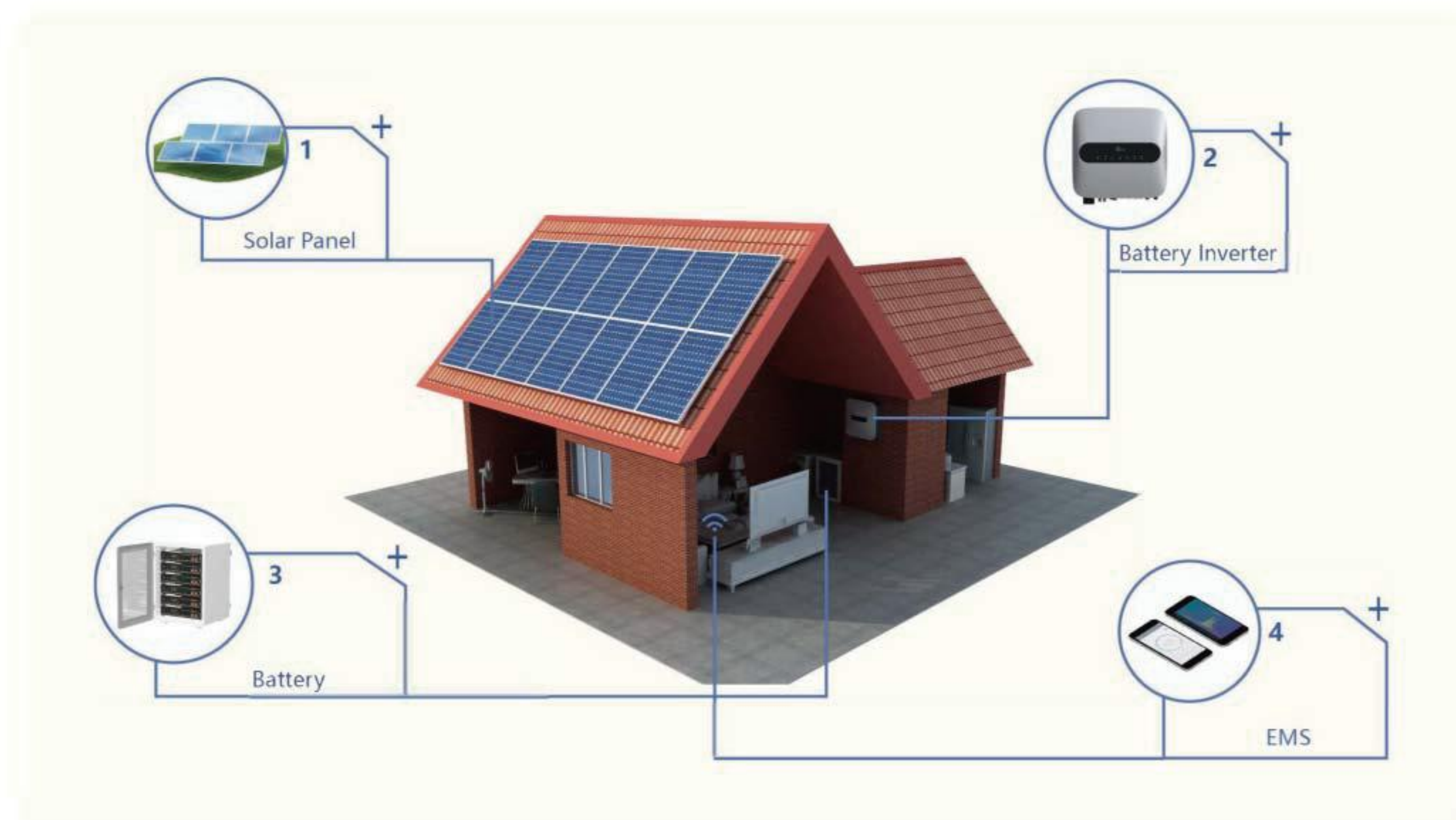


Double-level Platform Scissor Lift



Scissor Lifting Platform

Photovoltaic Power Generation System



Features

- High-precision MPPT control to optimize the efficiency and increase photovoltaic power generation
- Flexible configuration, PV and grid charging optional, lithium battery&lead carbon battery accessible
- Wi-Fi, GPRS wireless monitoring modes
- Seamless switching between grid/off-grid modes
- EMS operating automatically

Working modes

- When the battery energy exhausted,grid supplies the load at night.
- In the morning,solar power is not enough, grid and solar power supply local load together.
- Solar power is higher than load requirement , it charges the battery.
- It is cloudy in short time, the PV energy drop sharply, the battery discharges to the load.
- Once cloud disappears, the solar power continues to charge the battery.
- When the battery is full charged, solar power will feed back the grid.
- In the evening, the battery discharge to the load.

Residential Pv&energy Storage Solution



Features

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Elevator & Escalator Modernization

Updating and transformation solution

After assessed the elevator, we can develop the most appropriate generic solution based on the actual needs and budget. From individual component retrofits to system upgrades and even entire elevator replacements, in addition to ensuring that elevators meet the latest safety and convenience standards, retrofits can also improve elevator performance and extend equipment life.

Elevator Replacement

We can replace the whole elevator in the original well. After our efficient work, you can have a brand-new modern elevator in the shortest time with lowest influence on residences.

Module Updating And Transformation

The updated and transformed tractor, control cabinet, and electric system are more reliable, more energy-saving, safer, and more convenient. Module transformation plans of General Elevator can selectively retain valuable parts to reduce cost and construction time for lowest influence on residential life.

Component Upgrades

We can also provide upgrades for individual components. Updating the elevator components, such as the control system and the door system to upgrade the components of the elevator, can bring the following benefits:

Efficient And Energy Saving

Updated electric system, control system, and lift lighting system can significantly reduce energy consumption. These updates also reduce operation cost for higher efficiency and better energy saving.

Better Performance

Updated elevator parts including control system and lift system can lead to better elevator reliability, floor accuracy, waiting time, and continence.

Higher Safety

It is a prior task for every elevator to guarantee passenger and maintenance personnel's safety. Updated elevator parts including well, lift lighting, lift speed governor, and tractor shield greatly increase safety and manage risk.

Escalator Updating And Transformation Solution

Compared to elevators, escalators are used in public sites including big markets, supermarkets, airports, and subways with numerous passengers. Physical deterioration and energy consumption are higher due to high use frequency. The escalators used for a long time need be updated and transformed to meet latest safety standards and reduce energy consumption as far as possible.

We provides plans including parts replacement and escalator replacement according to actual situation and user demand.

Escalator Replacement

Escalator replacement only needs several working days, leading to lowest influence on passengers. General Elevator's replacement plan can update escalator of high energy consumption and safety loophole into energy-saving and safe escalator. The saved cost can offset the updating and transformation cost. This flexible design not only increases safety and reliability, but also makes building more beautiful and harmonious.

Module Updating And Transformation

Module transformation plan guarantees the escalator to meet latest standards by means of most advanced technology upon lowest construction influence. General Elevator's module transformation plan can replace single parts or whole system upon demand. You can retain complete mechanical parts when improve device safety and appearance.

Component Upgrades

We can also provide upgrades for individual components. Updating the elevator components, such as the control system and the door system to upgrade the components of the elevator, can bring the following benefits:

Control Module

Through scientific configuration, the original equipment is replaced by a new generation of intelligent vector elevator integrated control system, and the closed-loop vector control method makes the overall performance more stable, which can significantly improve safety and energy efficiency.

Appearance Module

Fifty Meters Elevator's module updating plan can replace parts including guard bar, stair plate, comb plate, skirt-board, plate, cleaning and balance stair lighting system to deliver an escalator appearance more suitable for the building.

Security Module

We can update your equipment by different solutions including stair deflection-resistance monitoring system, auxiliary brake, and additional safety mark to meet national safety standards and prevent safety loophole of public sites.