

**Country: Vietnam (Hanoi)**

Company: Cong Ty TNHH Thang  
May Shin Han Vietnam

**Country: Russia**

Company: COMPLEX SERVICE LTD.  
LIABILITY COMPANY

**Country: Malaysia**

Company: ACCESS  
ELEVATORS SDN. BHD

**Country: Vietnam (Hochiminh)**

Company: Cong Ty TNHH Thang  
May va Thiet Bi VIET Y

**Country: U.A.E.**

Company: Fenix Elevators &  
General Maintenance

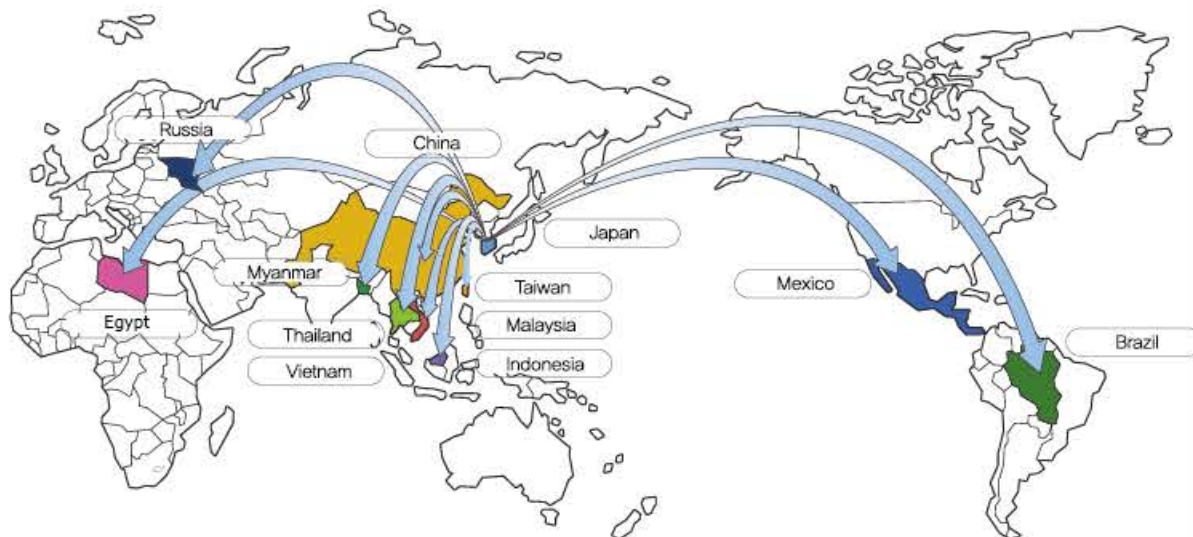
**Country: China**

Company: SHE FUJI  
ELEVATOR CO.,LTD.

**Country: Pakistan**

Company: Fenix Seven

**Shinhan Elevator Has Numerous Global Networks**



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Scan the QR code and  
pay attention to  
SHE ELEVATOR Portal Website



# SHIN HAN ELEVATOR

## "Hi Seoul"



Global Brand Only  
Designated Supplier of Elevators

www. shelevator.co.kr



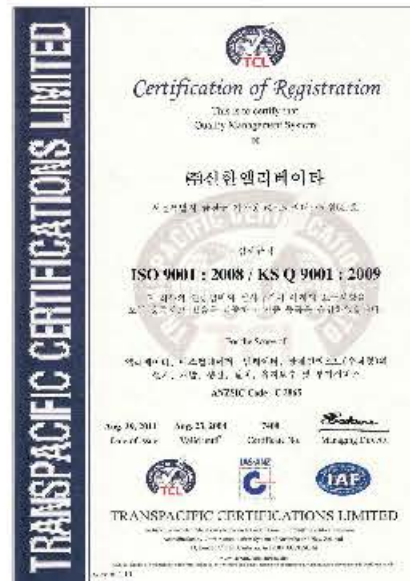
# SHINHAN ELEVATOR CO., LTD.

## Company introduction

Shin Han Elevator Co., Ltd. was founded in 1987 and supplied to mainly government bodies e.g. Korea Hydro & Nuclear Power, Korea Electric Power, Railway Service e.g. Korean Railroad, Seoul Metropolitan Rapid Transit, Seoul Metro, Korea Rail Network Authority as well as Samsung group (SAMSUNG C&T CORPORATION, SAMSUNG DISPLAY, SAMSUNG ELECTRONICS, SAMSUNG ENGINEERING, SAMSUNG EVERLAND, SAMSUNG HEAVY INDUSTRIES) domestic as well as overseas mentioned in the world map at last cover page. Pride of made in Korea whose manufacturing base near to Seoul equipped with modernized facilities and full ranges of valued products mentioned hereafter.

## Sole nominated lift company as 'Hi Seoul' member

SHE nominated solely for Elevator field from Seoul Business Agency, which could surely prove competitiveness and competency in Excellent Quality management.

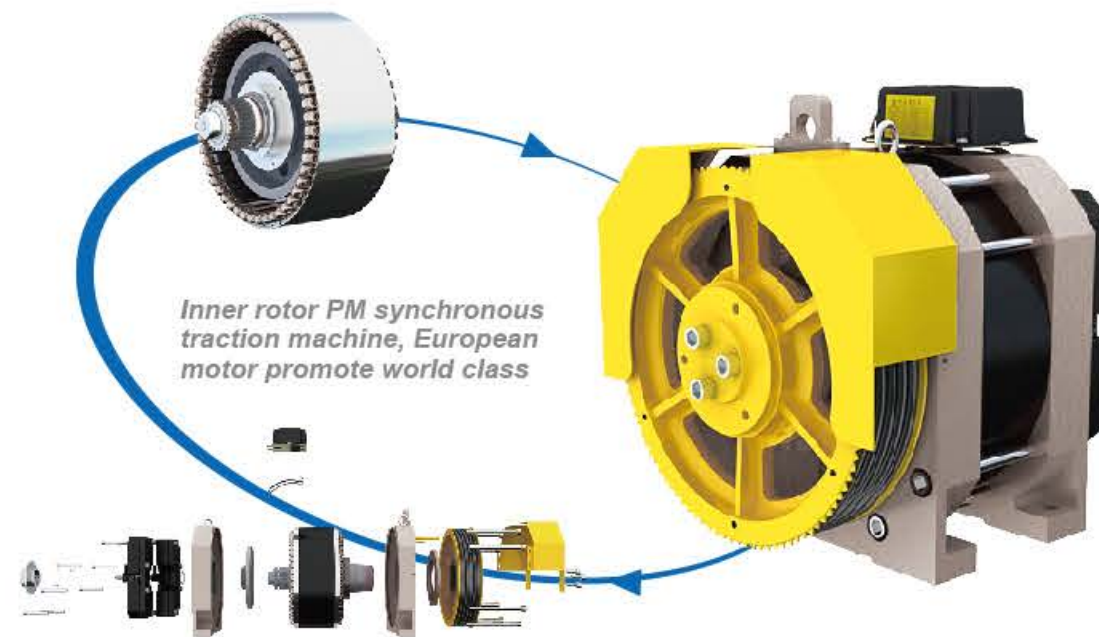




# ADVANCED TECHNOLOGY

Energy-creating & saving, intellectual, the intelligent let the dream go further

SHE introduces the well-developed lift manufacture flow and the leading R & D ideas. It produces the complete specifications and ample models of the products with energy-creating & saving, the intellectual advantages. Meanwhile, SHE has the lifts custom-made according to the clients' actual needs. Therefore, the Korean lift industry truly fulfills an elevation in human science & technology.



*Inner rotor PM synchronous traction machine, European motor promote world class*

## Permanent magnet synchronous gearless traction machine

Apply mature permanent magnet synchronous gearless traction machine, which improves building utilization rate and enhances elevator's driving performance.



## Effective vector frequency converter

SHE applies vector-controlled VVVF frequency converter with high precision speed & current control. It implements an accurate real-time control to rotating torque of the host, ensures the smooth lift travel, reduces wear-ability of wire rope and provides the passengers with the best comfort and supreme safety.

## VVVF variable frequency door machine system

SHE introduces permanent magnet synchronous door machine with current speed double closed loops control form. It fulfills the effective and smooth door opening and closing by multiple speed curves. It ensures that every door opening / closing strictly fulfills the perfect actions according to the best speed curve and strength. It presets multiple intellectual running curves for the users' choice so as to suit different occasional requirements.

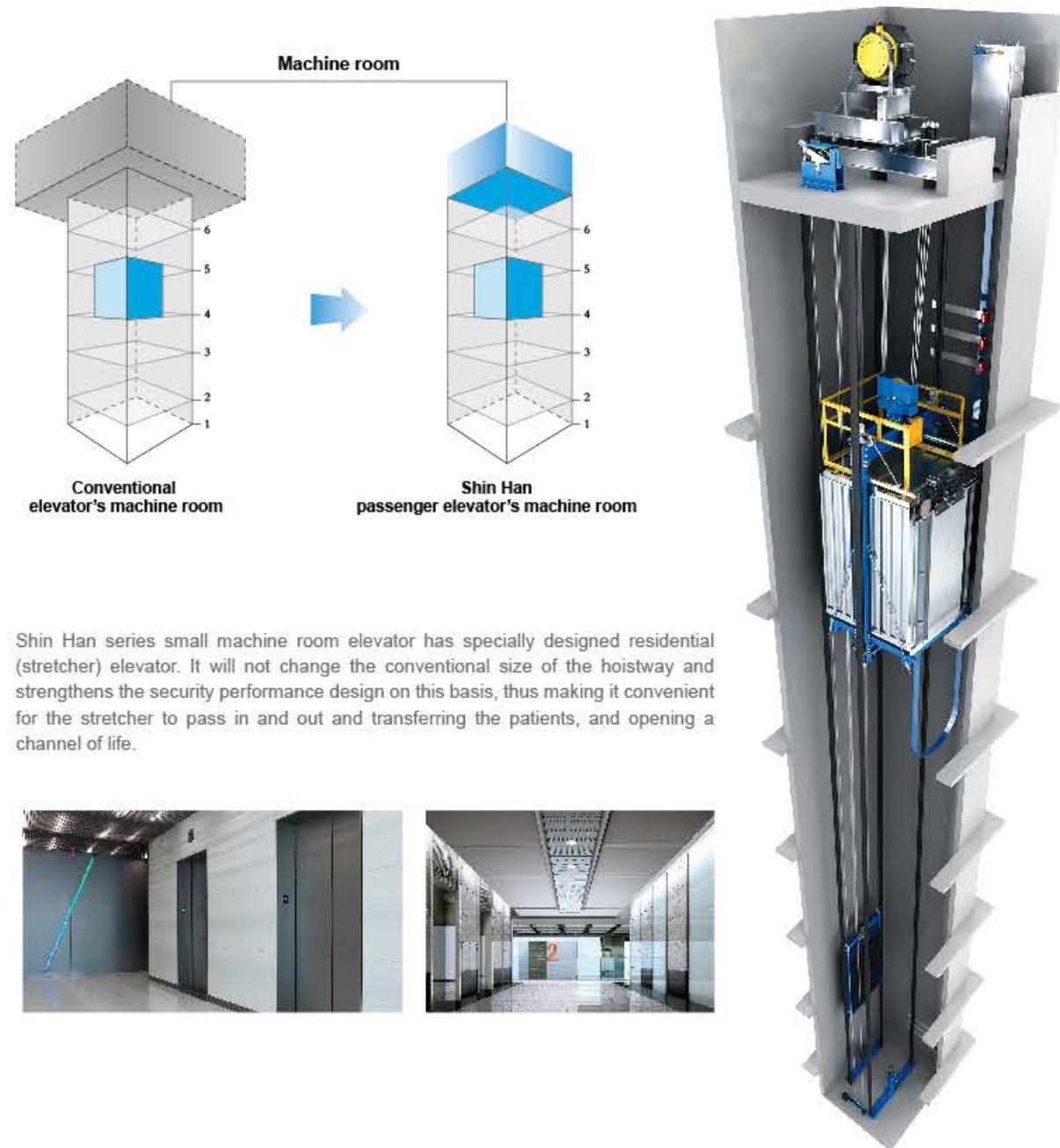




# SMALL MACHINE ROOM PASSENGER ELEVATOR (STRETCHER ELEVATOR)

Small machine room design easily and freely  
Enters into numerous buildings

Shin Han series Small machine room elevator has inherited highly mature modern elevator technology. It can improve the reliability and flexibility of the elevator system and has the advantage of environmental protection and energy saving. The new type gearless permanent magnet synchronous machine is adopted, which greatly improves the efficiency of the traction machine and reduces the energy consumption.

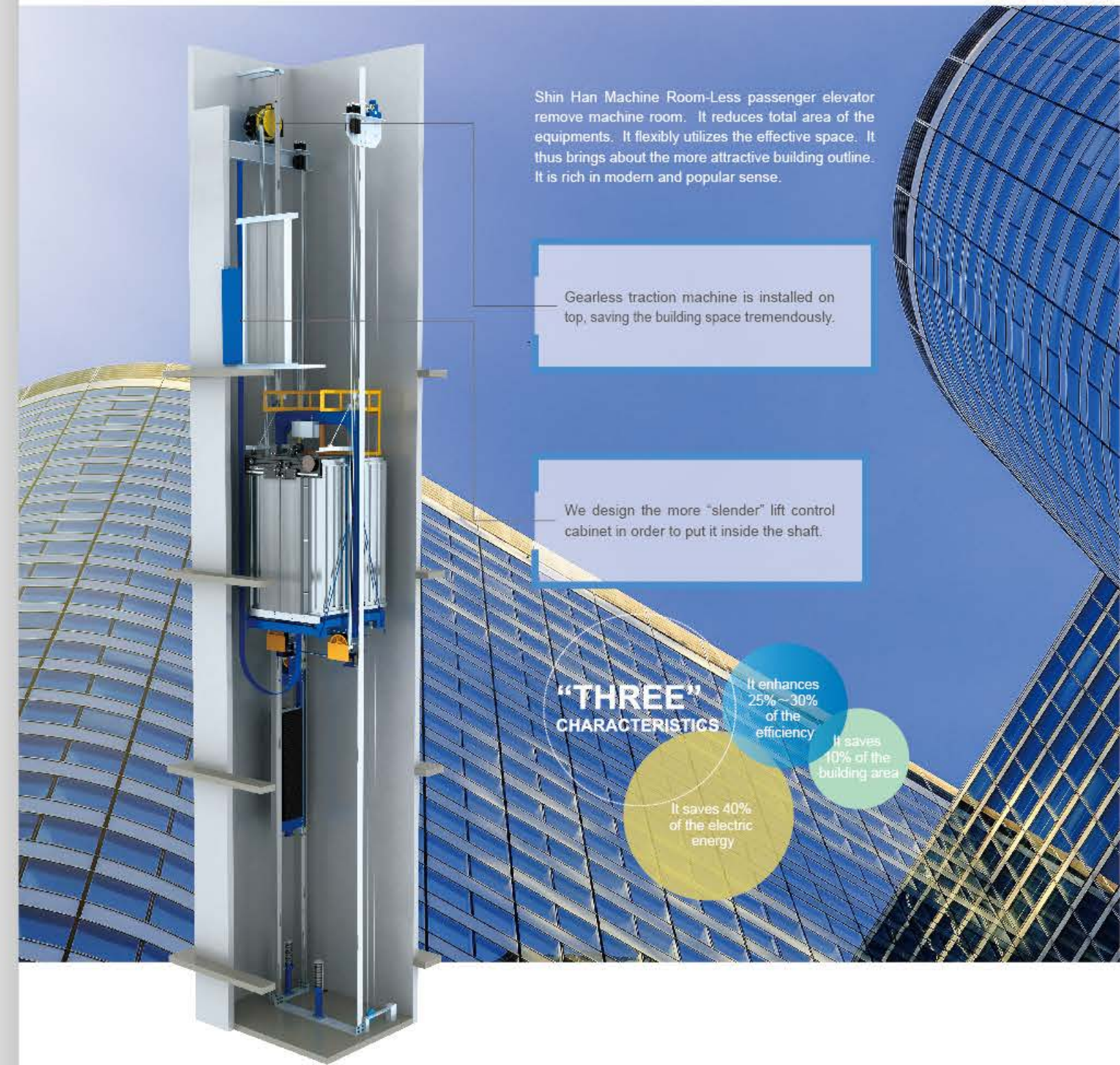


Shin Han series small machine room elevator has specially designed residential (stretcher) elevator. It will not change the conventional size of the hoistway and strengthens the security performance design on this basis, thus making it convenient for the stretcher to pass in and out and transferring the patients, and opening a channel of life.



# MACHINE ROOMLESS PASSENGER ELEVATOR

Cutting-edge technologies, create new  
Riding experience





# CHANGEABLE STYLES FREE CONFIGURATIONS

Residential elevators car standard configuration



## SHE-R01 Standard

Ceiling: LED down light in mirror stainless steel  
Car wall: Hairline stainless steel  
Car door: Hairline stainless steel  
Car bottom: PVC tiles

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



## ◀ SHE-R02 Optional

Ceiling: LED down light/tube in hairline stainless steel with frame  
Car wall: Hairline stainless steel  
Car floor: PVC tiles

## SHE-R03 Optional ▶

Ceiling: LED down light/tube in hairline stainless steel  
Car wall: Painted steel sheet  
Car floor: PVC tiles

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



# CHANGEABLE STYLES FREE CONFIGURATIONS

Business elevator car decoration configuration



## **SHE-L01** Optional

Ceiling: LED light with arch type acryl & rectangular crystal in stainless steel hairline frame  
Car wall: Hairline stainless etching (SHE-EW5)  
Car door: Hairline stainless etching  
Car floor: PVC tiles

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



## ◀ **SHE-L02** Optional

Ceiling: Hairline stainless steel, LED light source  
Car wall: Hairline stainless steel  
Car bottom: PVC floor

## **SHE-L03** Optional ▶

Ceiling: ammonites skin car line, painted steel, down lights  
Car wall: Mirror steel plated Rose gold, ammonites skin, mirror-steel decoration bar, hiding light, shell  
Car door: Mirror steel plated Rose gold  
Handrail: Technical handrail  
Skirting line: Marble  
Car floor: Mosaic marble, shell

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





# CHANGEABLE STYLES FREE CONFIGURATIONS

Business elevator car decoration configuration



## SHE-L04 Optional

Ceiling: LED down lights, painted steel, decoration bar, hiding light  
Car wall: Hiding light, fire-proof panel, decoration bar  
Handrail: Hairline-finished stainless steel  
Skirting line: Hairline-finished black steel  
Car floor: Mosaic marble

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



## ◀ SHE-L05 Optional

Ceiling: LED down light in titanium gold stainless steel  
Car wall: Titanium gold mirror etching  
Car door: Titanium gold mirror etching  
Handrail: Combination of solid wood and titanium gold  
Car floor: PVC tiles

## SHE-L06 Optional ▶

Ceiling: LED light in titanium gold stainless steel  
Car wall: Titanium gold mirror etching and stainless steel hairline combination  
Handrail: Hairline stainless steel round pipe  
Car floor: PVC tiles

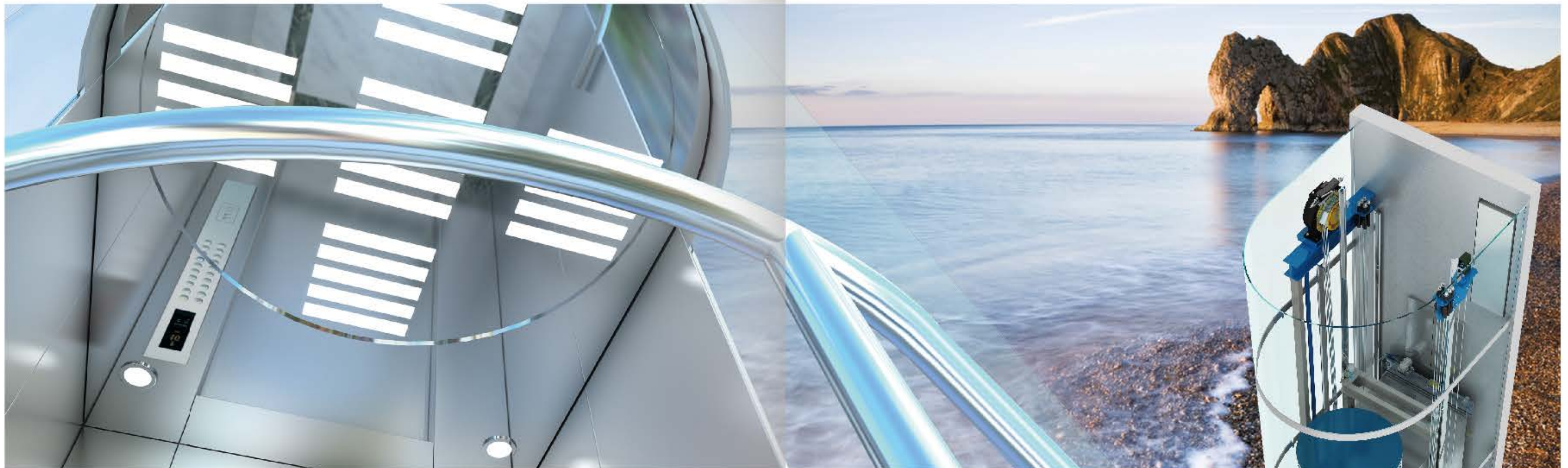
Note: Above design plotted by computer, which seems different from actual product.





# PANORAMIC ELEVATOR

Grants the passengers appreciate beautiful scene outside



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

## Panoramic type



1 side view



2+1 side view



3 side view



Nude type

## High performance control functions

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

## Highly integrated control components

High speed processing information fulfills the accurate control.





# CHANGEABLE STYLES FREE CONFIGURATIONS

Car decoration configuration



## **SHE-P01** Standard

Car cover: Round corner-cut hairline stainless steel  
Observation wall: Round 6+6 safety laminated glass (3 pieces)  
Decoration roof: Hairline stainless steel frame, acrylic transparent board and lighting lamp  
Car wall: Hairline stainless steel  
Handrail: Ø38 stainless steel tube  
Floor: PVC floor

Note: The pictures are plotted by computer are likely somewhat different from the actual products.



## ◀ **SHE-P02** Optional

Car cover: Hairline stainless steel-plated bronze  
Observation wall: Round 6+6 safety laminated glass (3 pieces), hairline stainless steel-plated bronze  
Decoration roof: Hairline stainless steel-plated bronze, translucent panels screen and lighting lamp  
Car wall: Hairline stainless steel-plated bronze  
Handrail: Hairline stainless steel-plated bronze  
Floor: PVC floor

## **SHE-P03** Optional ▶

Car cover: Titanium gold etched, steel plate baked enamel  
Observation wall: Laminated glass  
Decoration ceiling: Steel plate baked enamel, acrylic lighting decoration  
Car wall: Titanium gold mirror etched  
Handrail: Titanium gold handrail  
Floor: PVC

Note: The pictures are plotted by computer are likely somewhat different from the actual products.





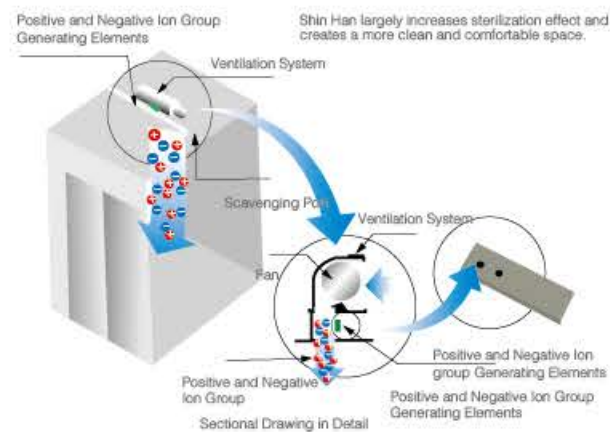
# BED ELEVATOR

Gentle and supreme human caring

Shin Han Bed elevator is based upon the human and caring field of vision. It takes "quick & convenient" as starting point, "healing the wounded and rescuing the dying" as the theme. We go all out to open up a perfect carrying state for both the patients and the medical staff. Shin Han Bed elevator applies the advanced variable frequency control technology, fully computerized and modular control. In addition, it provides the smooth elevator travel, like a beautiful dream, so the doctors and patients suddenly arrive at destination floor. It quickly grasps the best opportunity for the patients to cure and recover their health.

## Positive and negative ion group sterilizer

SHE applies positive and negative ion group technology and firstly applies sterilizer into the lift in the elevator industry. It wins the general approval from vast users from the very beginning. In order to supply the cleaner and fresher air in the lift, SHE adopts the more powerful sterilizing ion generating element. It releases sterilizing ion concentration which is about 7 times higher than that of the original products. It strongly dissolves and eliminates the floating hazardous substances in the air. And it is equipped with anti-fouling systems, which is applicable for the medical treatment areas and the lifts in pet apartments.

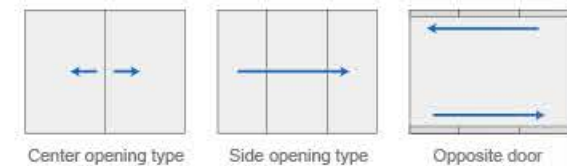


## Stainless steel coating technology



Normally Stainless steel is too easy to form the car and landing door surface stained difficult to remove, but SHE's high-tech coating technology, the car door keep clean sterilized.

## Various opening ways are available



## SHE-B01 Standard

Ceiling: Paint steel, fluorescent lighting  
Car wall: Hairline stainless steel  
Handrail: Double flat stainless steel  
Floor: PVC floor

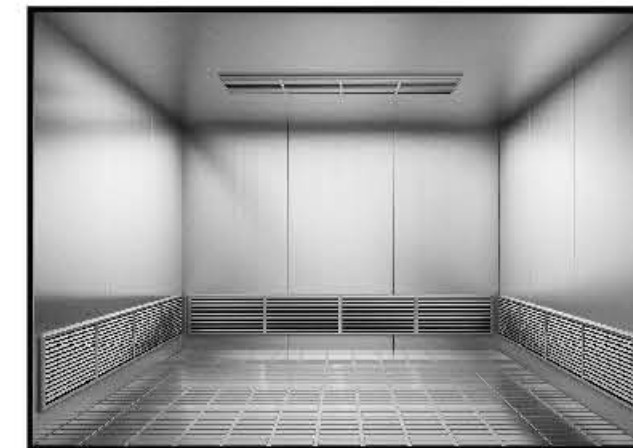
# CLEAN ROOM ELEVATOR

Gentle and supreme human caring



Clean Room: Shielded space controlled by Temperature, Humidity, Air pressure and Intensity of Illumination or called as Contamination controlled space.

So Clean Room Elevator used by worker in clean room or when carrying load, which designed appropriately to keep fresh air, equipped with the special features.



## Air circulation system

- Ventilation fan and filter inside ceiling
- Grating type flooring
- All sides ducts

## ULPA filter applied

- For main: moisturizing effect(99.999%)
- For exhaust: washable pre filter(80%)



## Easy installation

- Unit Ceiling assembled by spring washer
- 2 Ventilation Fans
- Perfect density
- Jointed by corking

## Easy maintenance

- Ceiling ULPA filter & Grating type flooring => Easy to change filter



# CHANGEABLE STYLES FREE CONFIGURATIONS

Decoration series

## Landing door series



**SHE-EH1** Optional  
Stainless mirror



**SHE-EH2** Optional  
Stainless mirror etching



**SHE-EH3** Optional  
Stainless mirror etching



**SHE-EH4** Optional  
Titanium gold mirror etching



**SHE-EH5** Optional  
Stainless mirror etching



**SHE-EH6** Optional  
Glass door in stainless hairline

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

## Handrail series



**SHE-HR1**  
Standard  
Stainless steel tube



**SHE-HR2**  
Optional  
Titanium gold stainless steel tube



**SHE-HR3**  
Optional  
Flat stainless steel tube



**SHE-HR4**  
Optional  
Double stainless steel tube



**SHE-HR5**  
Optional  
Double titanium stainless steel tube



**SHE-HR6**  
Optional  
Combination of solid wood and titanium gold stainless steel tube

## Ceiling series



**SHE-CL1** Standard  
Luxury mirror stainless steel , LED light decoration



**SHE-CL2** Optional  
Luxury mirror stainless steel , LED light decorationn



**SHE-CL3** Optional  
Hairline stainless steel, acrylic arch design in the middle, rectangle crystal in both sides



**SHE-CL4** Optional  
Mirror surfaced stainless steel made frame, acrylic soft light illumination design in the middle, down lamp in both sides

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



# CHANGEABLE STYLES FREE CONFIGURATIONS

Decoration series

## Human interface design



**SHE-C01 Standard**  
Material: Hairline stainless steel



**SHE-C02 Optional**  
Material: Hairline stainless steel



**SHE-C03 Optional**  
Material: Hairline stainless steel

## TFT-LCD (Optional)



**SHE-LD1**



**SHE-LD2**



**SHE-LD4**



**SHE-LD3**



**SHE-LD5**

## Calling box



**SHE-HV1**



**SHE-HV2**



**SHE-HV3**



**SHE-HV4**

## Horizontal indicator for landing (Optional)



**SHE-HP1**  
Material: Hairline stainless steel



**SHE-HP2**  
Material: Hairline stainless steel



**SHE-C04 Optional**  
Material: Hairline stainless steel  
(Integrated)

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

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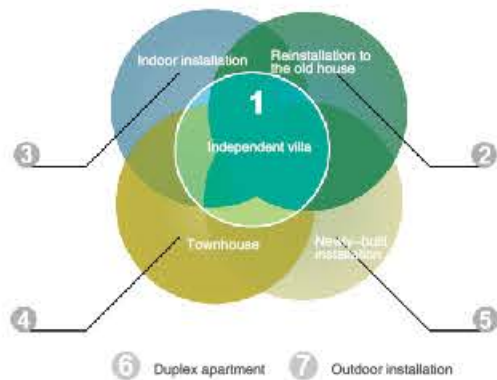
# VILLA ELEVATOR

Perfect, relaxing and comfortable life

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

## Exclusive enjoyment of taste with extravagant charm

It is known for the noble and fashionable decoration; it is famous for strong visual beauty; and it is appreciated for the exquisite use of materials and excellent manufacturing technology. The shining and shimmering elevator, with high quality, is definitely suitable for your splendid architecture.



Villa elevator technical specification table

Product model	Villa elevator
Use	Private and independent residence use
Control system	Effective vector VVVF frequency invert
Single-phase	220v/380v power supply
Traction machine	The effective and energy-saving traction machine
Door machine	VVVF door machine
Car height mm	2100mm
Rated load (kg)	250~400kg
Rated speed (m/s)	0.4m/s
Max. lifting height	12m



## Alternative door styles, different choice

Various open modes for customers to choose, meanwhile, personalized mode can be designed according to customer requirements for usage.



## SHE-V01    Standard

Ceiling: Mirror stainless steel, LED acrylic light in the middle  
Car wall: Combination of solid wood and mirror stainless steel  
Floor: PVC floor





# ELEVATOR FUNCTION

Abundant function

## Standard function

Automatic return to main floor	Alarm bell
Separate car and hall call door times	Light curtain
Door closing overtime protection	Cancel error log
Door open & close button	Parking operation
Emergency firemen operation	Parallel operation
Emergency car light	Motor temperature protection
Full collective operation	Fire signal feedback
Hall & car position indicator	Anti- nuisance function
Hall & car call register	Car arrival chime
Hall & car direction indicator	Automatic open shut
Intercom between security room and car / machine room	Buffer
Independent running	Non-open outside door zone
Load non stop	Pre-torque output
Overload warning	Voltage wavy detection
Trip counter	Contactors detection
Top of car inspection & machine room inspection	Relay detection
Ventilation manual and lighting automatic control	Speed detection
Faulty automatic detection	Self-rescue leveling running

## Standard function

Reverse cancelling	Safety circuit protection
Open the door outside this hall	Limit switch protection
Call conglutination judgment	Upper limit protection device
Repetition of door closing	Protection of door-lock disconnect when running
Stop layer settings	Running contactor protection
Main floor settings	Brake detection
Floor display any set of characters	Manual rescue
Evaluation of input disturbance	Forced deceleration
Shaft parameters self-tuning	Select floor in the controler
Protection of reverse travel	Operating the door C/O in the controler
Anti-slip protection	

## Optional function

Emergency rescue running	IC card user management
Attendant operation	BA access
CCTV cable (car to machine room)	Supervisory panel
Emergency power operation	PC supervisory
Firemen operation (in car)	Running-open
Re-leveling when the door is open	Group control adjustment operation
Tele-monitoring	LCD display
Automatically turning off fun	Through-open car
voice announcement	



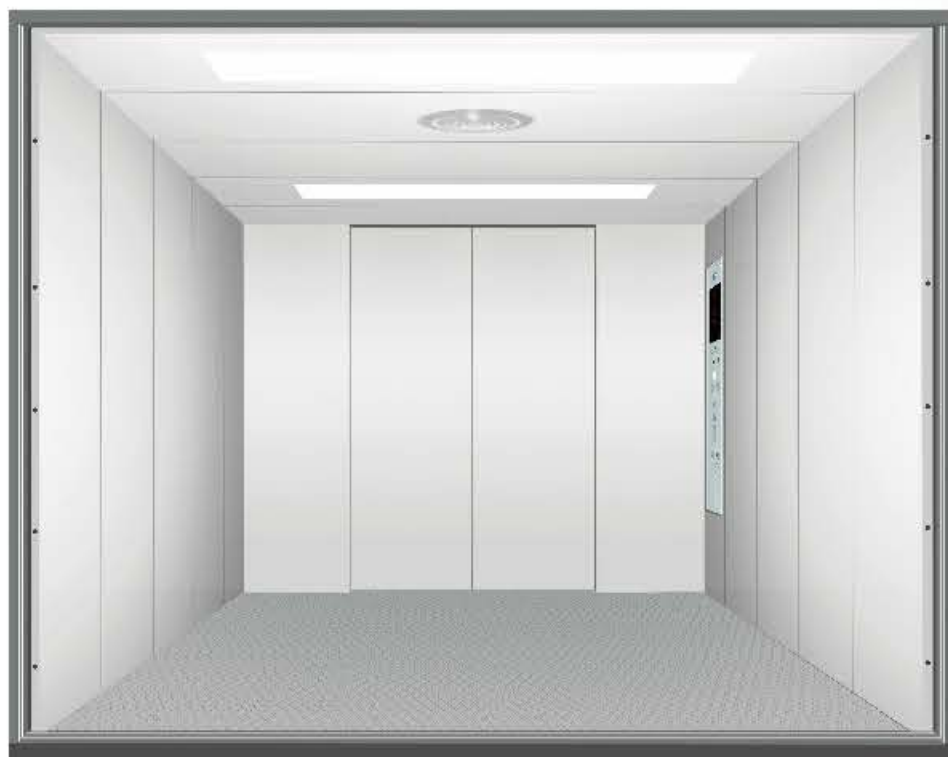
## FREIGHT ELEVATOR

It can competently bear heavy loads

Elevator heavy burden with giant power; display meticulous care with carefulness; undertake majestic sceneries with stability; Shin Han Elevator elevator lifts heavy burden with great space.

Shin Han Freight Elevator can provide safe, stable and highly efficient service in different places like factory, warehouse, shopping center, supermarket, airport and stations.

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



### SHE-F01 Standard

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

### Various door opening modes



Side opening



Center opening



4 panel center opening type



Up-sliding

## CAR ELEVATOR

It escorts your car throughout the journey

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





# ESCALATOR

It leads the smooth and peaceful travel

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



## Frequency conversation of low speed

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



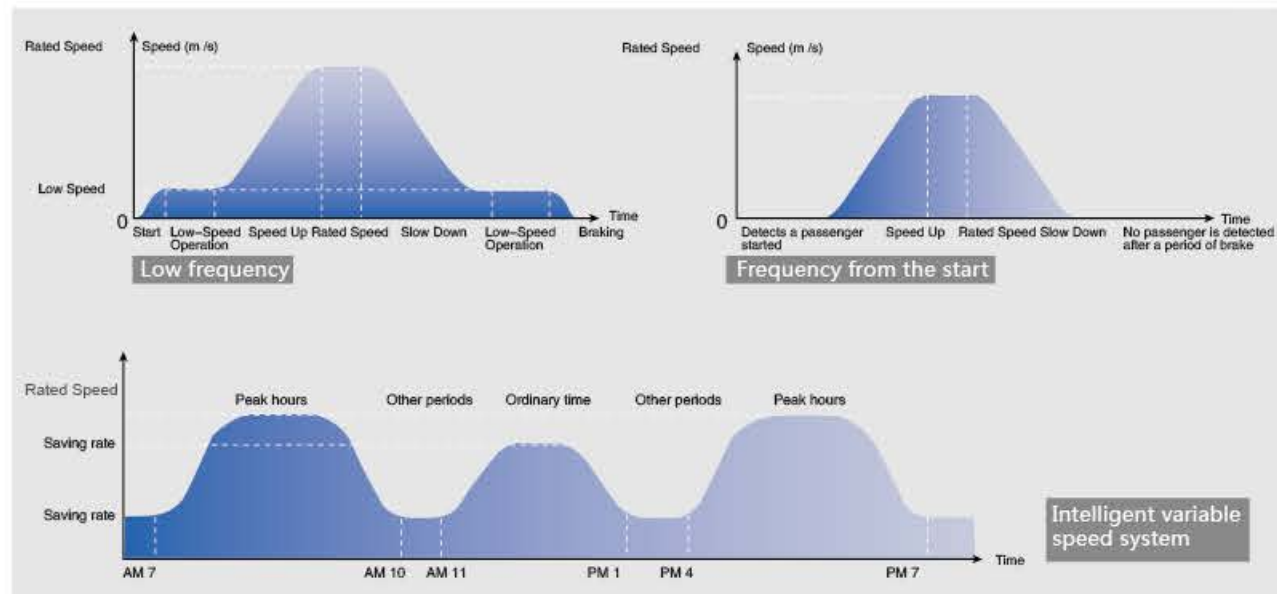
## Frequency conversation of self-starting

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



## Intelligent variable speed system

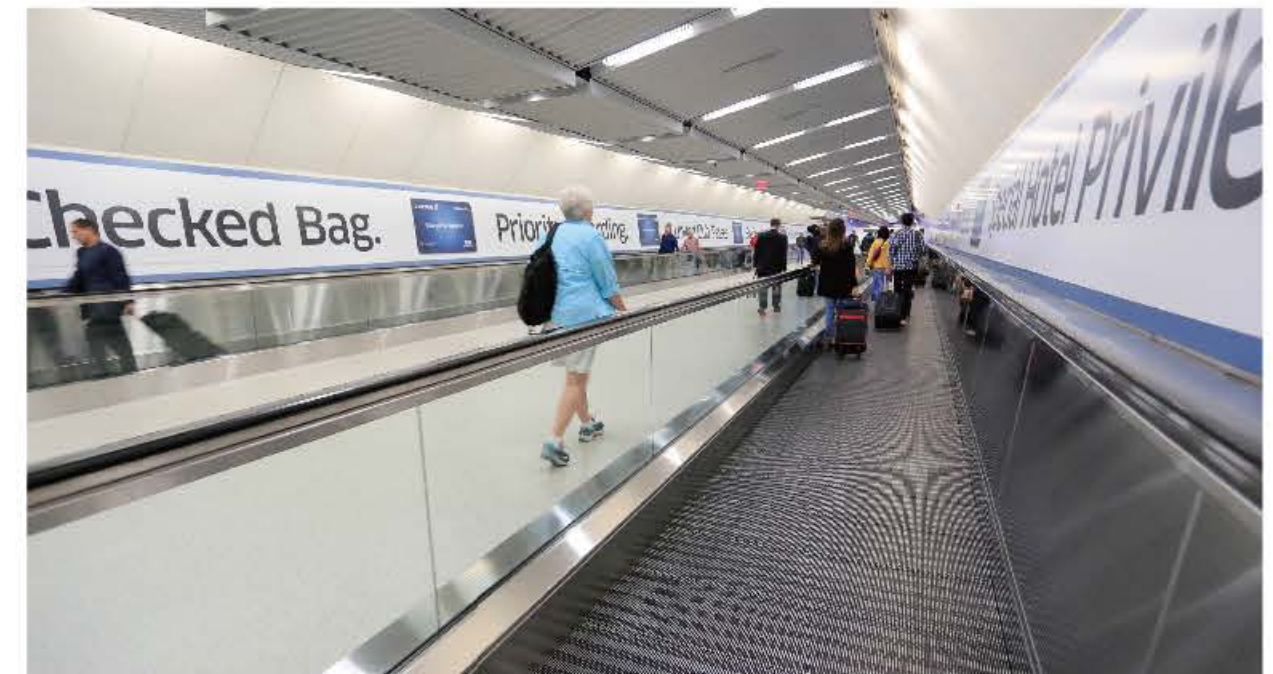
Control system automatic judges escalator load situation through sensor to shift speed timely, reduces the energy consumption greatly and offers the most comfortable travelling experience for passengers. The energy saving efficiency above 80%.



# MOVING WALK

It peacefully wonders around in the busy city

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



## Compact structure, the larger design freedom

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



## Colorful decoration providing more charming space

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





# DECORATING

Colorful and beautiful design

## Handrail Color



Black (Standard)



Black with a little white (Optional)



Red (Optional)



Blue (Optional)



Green (Optional)



Bronze (Optional)



Light brown (Optional)



Gray (Optional)

## Handrail Lighting



White (Optional)



Blue (Optional)

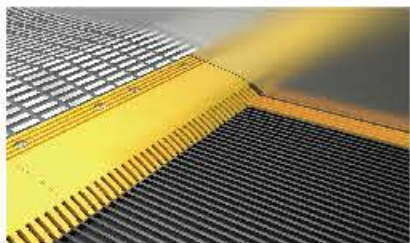


Red (Optional)

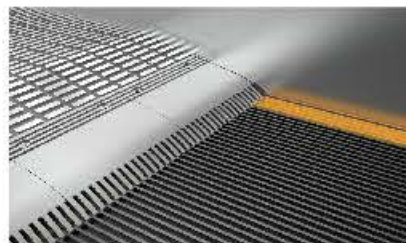


Yellow (Optional)

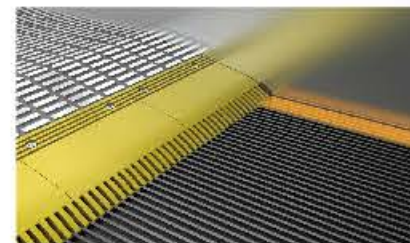
## Comb Teeth



Yellow Plastic (Standard)



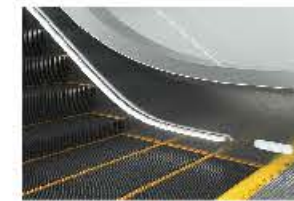
Aluminum (Optional)



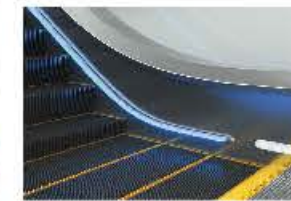
Aluminum Surface Yellow Paint (Optional)

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

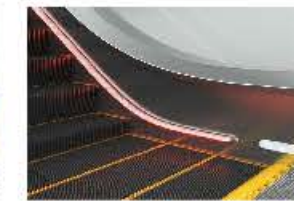
## Skirting Panel Lighting



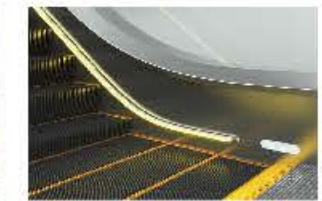
White (Optional)



Blue (Optional)



Red (Optional)



Yellow (Optional)

## Baseboard color



Colorless transparent (standard)



Gray (Optional)



Bronze (Optional)



Yellow (Optional)



Red (Optional)



Blue (Optional)

## Comb Teeth Lighting



White LED (Optional)



Yellow LED (Optional)



Transparent Plastic LED Display (Optional)



Black Plastic Matrix Display (Optional)

## Running Direction Indicator

## Frontier Board



Aluminum Patch (Standard)



Stainless Steel Striped Patch (Optional)

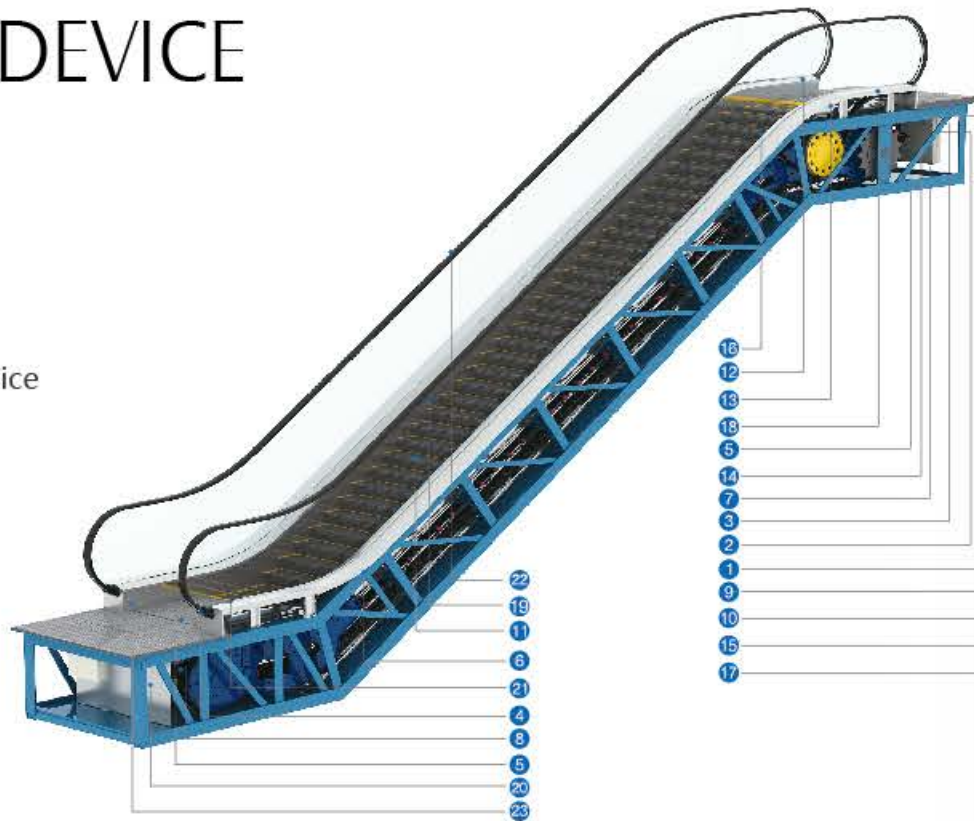


Stainless Steel Square Patch (Optional)

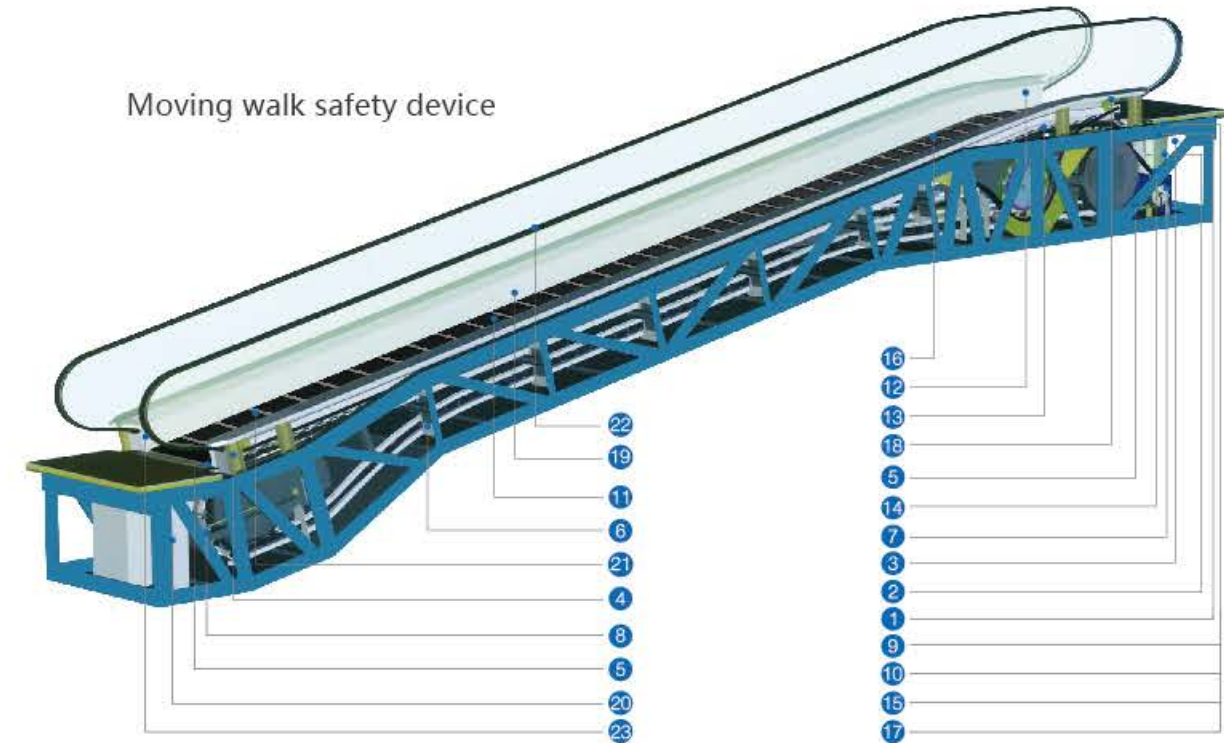


# SAFETY DEVICE

Escalator safety device



Moving walk safety device



## Standard function

## Description of functions

1. Lack of phase, error phase protection	If lack of phase or error phase has been checked out, the escalator (moving walkway) will automatically stop the operation.
2. Motor over-load protection	When the current exceeds 15% of the current rating, the escalator will automatically stop the operation.
3. Electrical appliance loop protection	It offers the automatic circuit disconnecting device to protect the circuit and mains components of the escalator (moving walkway).
4. Handrail inlet protection	When some foreign substance has been clipped in the handrail inlet, the escalator (moving walkway) will automatically stop the operation.
5. Comb plate safety device	When some foreign substance has been clipped in or between the combs, the escalator (moving walkway) will automatically stop the operation.
6. Step sagging protection device	When there is abnormal step bending, the escalator (moving walkway) will stop the operation before the step entering into the comb plate.
7. Broken drive-chain safety device	when the drive-chain has been over-stretched or it is broken, the escalator (moving walkway) will automatically stop the operation.
8. Broken step chain protection	when the step (plate) chain has been over-stretched or it is broken, the escalator (moving walkway) will automatically stop the operation.
9. Over-speed protection	When there is over-speed to the escalator (moving walkway), it will automatically stop the operation.
10. Direction reversal protection	when it comes the unintentional reversal of the direction of travel, the escalator (moving walkway) will automatically stop the operation.
11. Security line	The yellow synthetic resin security line is located in the front position and two sides of the escalator tread so that the passengers will not tread in-between the edge of the adjacent step and the lift group lengthened skirt panel. The security line on both sides of the step is higher than the tread surface. (The moving walkway offers the selective yellow spray-painted security line.)
12. Emergency stop button	When the button has been pressed down, the escalator (moving walkway) will stop the operation.

## Option functions

13. Skirt panel protection	When some foreign substance has been clipped in between the skirt panel and the step, the escalator (moving walkway) will automatically stop the operation.
14. Brake protection	When the electric force falls short of supply or it acts any of the safety device, the brake function goes into effect by the safety device through the spring resilience action. In this way, the escalator (moving walkway) stops the operation.
15. Safety inspection switch	It is a safety device to prevent from the escalator starting during the inspection and maintenance.
16. Step illumination	Illumination exists in the upper and lower ends of the escalator, in the lower part of the step in order to remind the passengers of the security matters.
17. Alarm bell starting device	The alarm bell rings when it starts the escalator in order to remind the passengers of the security matters.
18. Control device for handrail breakage	When the handrail is broken, the escalator will automatically stop the operation.
19. Skirt panel brush	The brush that has been installed between the skirt panel and the step will prevent the passengers from touching the skirt panel. (It is not merely restricted to the escalator.)

## Option functions

## Description of functions

20. VVVF variable frequency energy-saving system	When chooses the frequency converter, it can effectively reduce the energy consumption.
21. Comb illumination	The illumination has been installed in the skirt panel near the comb plate. It offers the lighting for the step and the comb plate. It is more convenient for the passengers to up and down the escalator.
22. Handrail illumination	The handrail illumination has been installed in the handrail frame. The gentle light adds charm to the running escalator.
23. Automatic start / stop	The infrared ray sensor which is near the floor plate can detect the passenger that enter into the floor plate. Then it will automatically start the operation. After all the passengers leave, it will automatically stop the operation again in order to save the energy loss. Scanning sensor and traditional guide rod are available for your choice.