



Expert in providing comfortable and safe elevator solutions

# COMPANY INTRODUCTION

施密特电梯

Schmidt Height,  
Elevates China's Speed

Schmidt Elevator Co., Ltd.

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## Schmidt Elevator Co., Ltd.

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# Expert In Providing Comfortable And Safe Elevator Solutions

Schmidt Elevator Co., Ltd., a "National High-Tech Enterprise, National Specialized and Sophisticated SME (Little Giant), and National Green Factory," is located in Dazu High-Tech Industrial Park, Chongqing, China, covering an area of approximately 150 acres. It possesses the "Chongqing Elevator Technology Innovation Center, Chongqing Digital Flexible Manufacturing Workshop, and Chongqing Elevator IoT Big Data Security Monitoring Platform." With an annual production capacity of 10,000 units/sets, the company's elevators have achieved a maximum speed of 8 m/s. Its products have been recognized as "Major New Products" and "High-Tech Products" by Chongqing Municipality, as well as designated as "Chongqing Famous Brands."

As an expert in building passenger flow transportation integrated solutions, the company consistently adopts an international perspective focused on green, safe, and intelligent technologies. It is dedicated to the design of various types of vertical elevators and escalators, capable of meeting the high-standard personalized requirements of customers across different regions worldwide. With exquisite craftsmanship, lean management, and high-quality services, Schmidt Elevator shines in the global elevator market, leveraging Chinese wisdom to advance the civilization of vertical transportation for humanity.



# 126

126-meter landmark test tower

# A1

Class A1 highest-level qualification

# 480

480 m/min ultra-high-speed elevator

# 20

20-ton heavy-duty freight elevator



Germany WAGNER automatic spraying production line



Industrial Robot



Escalator and moving walk production line



Welding Robot



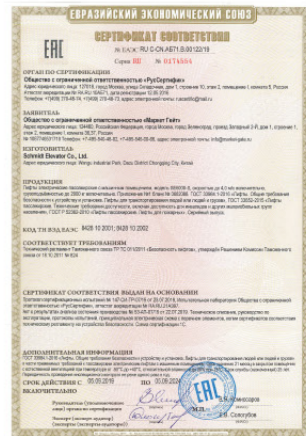
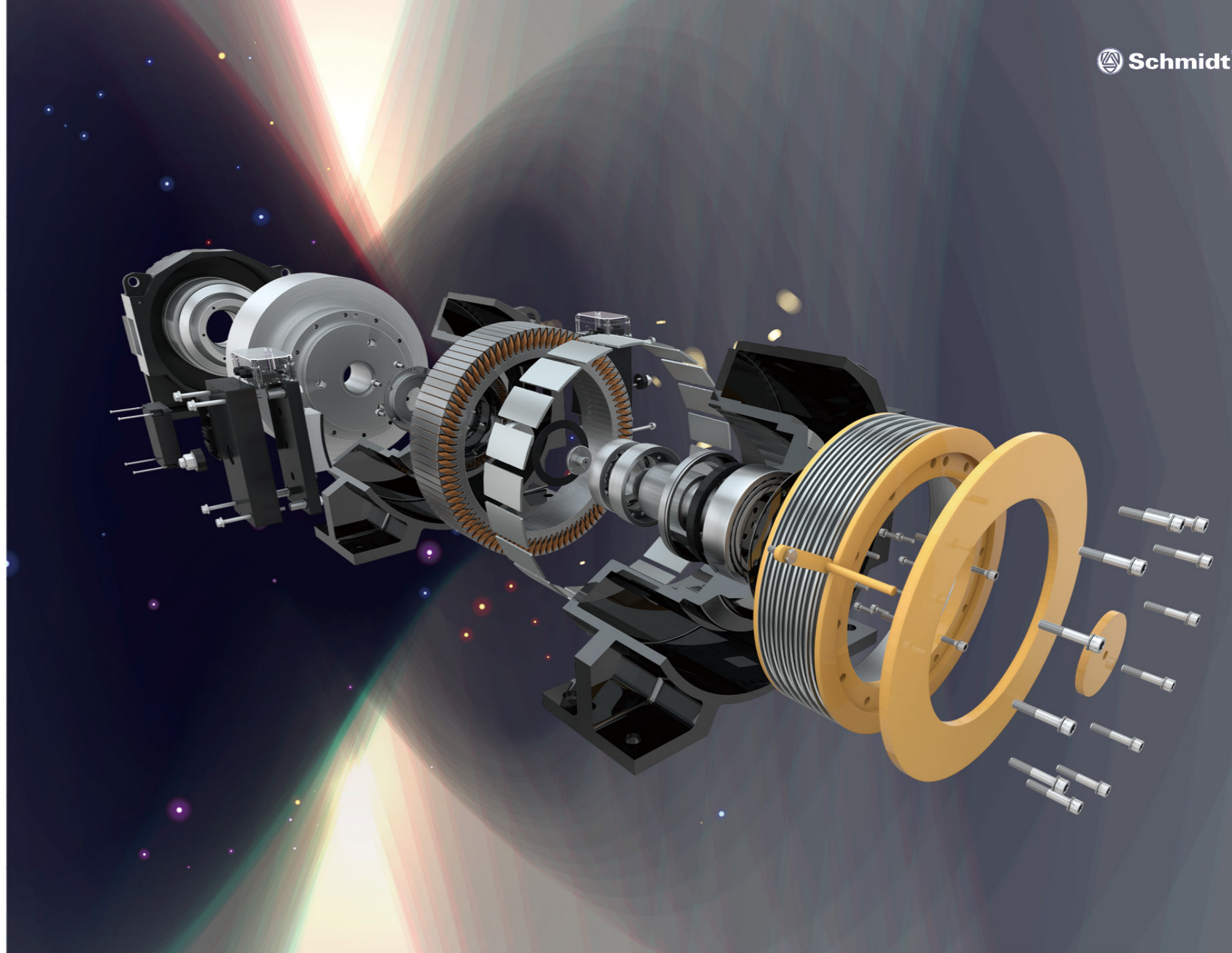
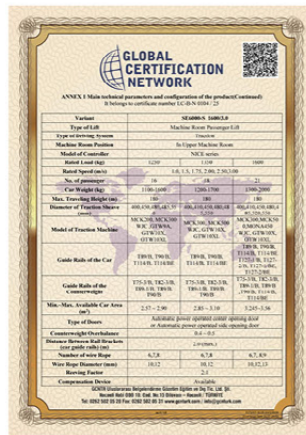
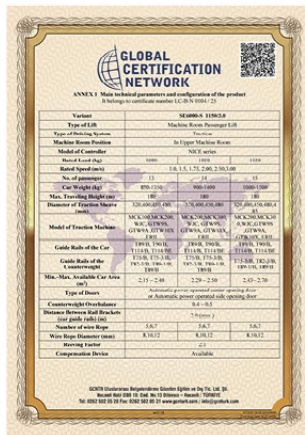
Han's laser cutting machine



Nisshinbo multi-station turret punch press

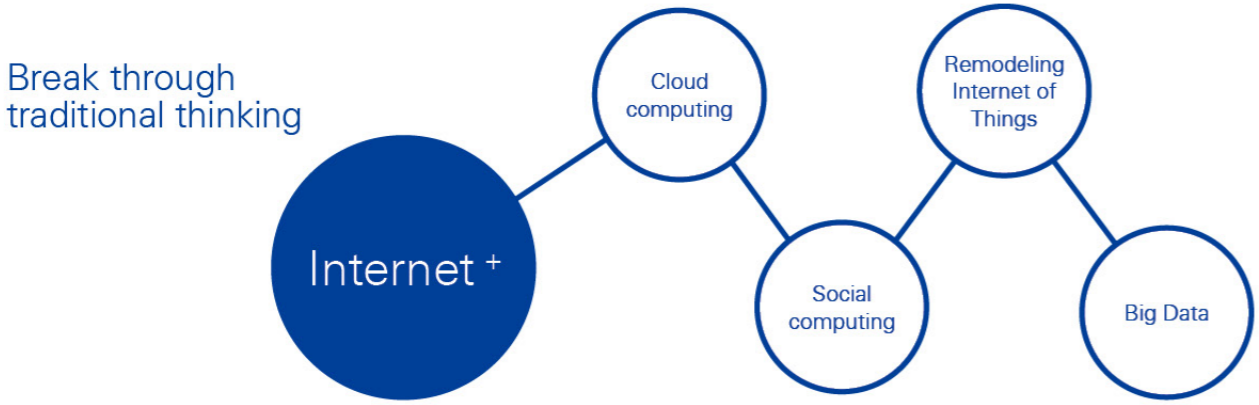
# Qualifications

Schmidt Elevator strictly adheres to international and national standards in the intelligent manufacturing of elevators, achieving excellence in product quality and safety. Its products have obtained multiple certifications, including the EU CE, German TÜV, and Russian EAC, It has been exported to multiple countries and regions..





# In the internet+ era Schmidt elevator takes the lead in carrying out the industry 4.0 Strategy



## A brand new mode: to take the lead with Chi-made products

Schmidt Elevator leverages "Internet+" to build an ecological chain for the elevator industry, fully integrating IoT, cloud computing, big data, and other technologies into elevator design, production, sales, installation, and after-sales management.

The company enables end-to-end intelligent online safety monitoring for user elevators, comprehensive intelligent safety maintenance, and full-lifecycle smart supervision. It stands as a exemplary Chinese elevator brand that deeply integrates "manufacturing + service" for holistic development.

# ELEVATOR LIFECYCLE MANAGEMENT



## 5G AI Remote Diagnosis

Utilizing 5G and SD-WAN technology to enhance network stability in elevator hoistways, ensuring reliable and real-time data transmission. By collecting elevator operational data, AI models can analyze mechanical wear trends and predict potential failures. IoT sensors continuously gather data and upload it to the cloud, allowing maintenance personnel to access fault details via mobile devices and prepare repair solutions in advance.



## Elevator Predictive Maintenance System

This system employs IoT, big data analytics, and AI technologies for real-time monitoring of elevator health and fault alerts, optimizing maintenance strategies and reducing downtime risks.



## Big Data AI Fault Prediction

AI Analysis for Fault Prediction

Over 600 elevator pre-diagnostic services available



## Big Data-Linked Cloud Service Center

Operational data monitored in real-time  
System detects over 300 operational parameters



## Safety Alerts

The elevator safety alert system transforms passive rescue into proactive protection through a "perception-analysis-decision-response" loop. With advancements in AIoT and edge computing, alert accuracy and timeliness will continue to improve.

## PROACTIVE SAFETY



### Fall Protection

Fall protection is a critical component of the elevator safety system. When the elevator's wire ropes become dislodged due to wear or aging, the fall protection device activates immediately to prevent the car or counterweight from falling.



### Earthquake Detection

The earthquake detection feature ensures passenger safety during seismic events. When sensors detect tremors, the elevator system initiates emergency protocols, halting operations and stopping at the nearest floor to allow safe passenger evacuation. This functionality is crucial in earthquake-prone areas, effectively mitigating risks.



### 3D Intelligent Light Curtain

The 3D intelligent light curtain is an optical sensing and AI-based safety system that enhances detection precision and safety at elevator doors by distinguishing between passengers, objects, and hazardous behaviors (e.g., pet leashes, baby fingers), reducing the risk of accidents and optimizing the ride experience through dynamic door operation adjustments via AI algorithms.



### Rescue for Stranded Passengers

In the event of a passenger being trapped, a three-tier alarm system is automatically triggered (property management → maintenance personnel → 400 emergency hotline), simultaneously sending fault codes, car location, and passenger count to the rescue terminal. Integrated noise-canceling microphones and speakers allow trapped individuals to connect to a 24/7 monitoring center with a single button, while an in-car voice system plays calming messages to reduce anxiety.



### Wire Rope Break Detection

When anomalies are detected, the elevator halts nearby to prevent accidents, ensuring safety and reliability.



### Pit Water Ingress

If water ingress in the pit activates the water level switch, the elevator enters a controlled state, moving to a safe floor and opening the doors for passenger evacuation. The elevator can only resume normal operation once the water level switch is manually reset.

# CAR SYSTEM



### Intelligent Overload Protection

The overload protection feature prevents elevator malfunctions or accidents due to excessive load. The system uses load sensors to monitor the weight inside the car in real-time. If the weight exceeds the set limit, the elevator automatically halts and alarms to prevent further entry or exit, safeguarding both the mechanical structure and passenger safety.



### Passenger Fall Detection

The elevator fall detection system employs smart sensing and data analysis to identify passenger falls in real-time, triggering alerts and rescue operations to mitigate the risk of secondary injuries, especially for elderly individuals and in medical scenarios.



### AI Voice Interaction

Voice commands can be used for floor selection, emergency communication, information broadcasting, and potential social interaction.



### Electric Bike Monitoring

Smart vigilance to eliminate hazards and prevent accidents!



### UV Sterilization

The system automatically activates UV sterilization lamps when the elevator is unoccupied, ensuring comprehensive disinfection of the car.



### AI Intercom

Smart identification of emergencies, real-time multi-party communication, and proactive voice reassurance for passengers, enhancing emergency response efficiency.

# Intelligent Safety Ecosystem



## Idle Brake Performance Monitoring

This function monitors the brake performance of the elevator during idle periods. It utilizes sensors to continuously check the brake system's status, ensuring that the braking device remains in optimal condition when the elevator is not in use, preventing accidents due to brake failure. This monitoring is typically conducted during regular maintenance to ensure the elevator is in top condition before use.



## 20 Million Cycle Reliability Testing

The 20 million cycle reliability testing of the traction brake is a core process for validating its design life and durability, aiming to simulate mechanical wear, thermal fatigue, and electrical performance degradation under extreme conditions throughout the elevator's lifecycle, reflecting the company's technical strength.



## High-Grade Magnetic Steel

N38SH Neodymium-Iron-Boron magnets, with high coercivity and magnetic energy product, are one of the core materials for permanent magnet synchronous motors.



## Dual Brake System

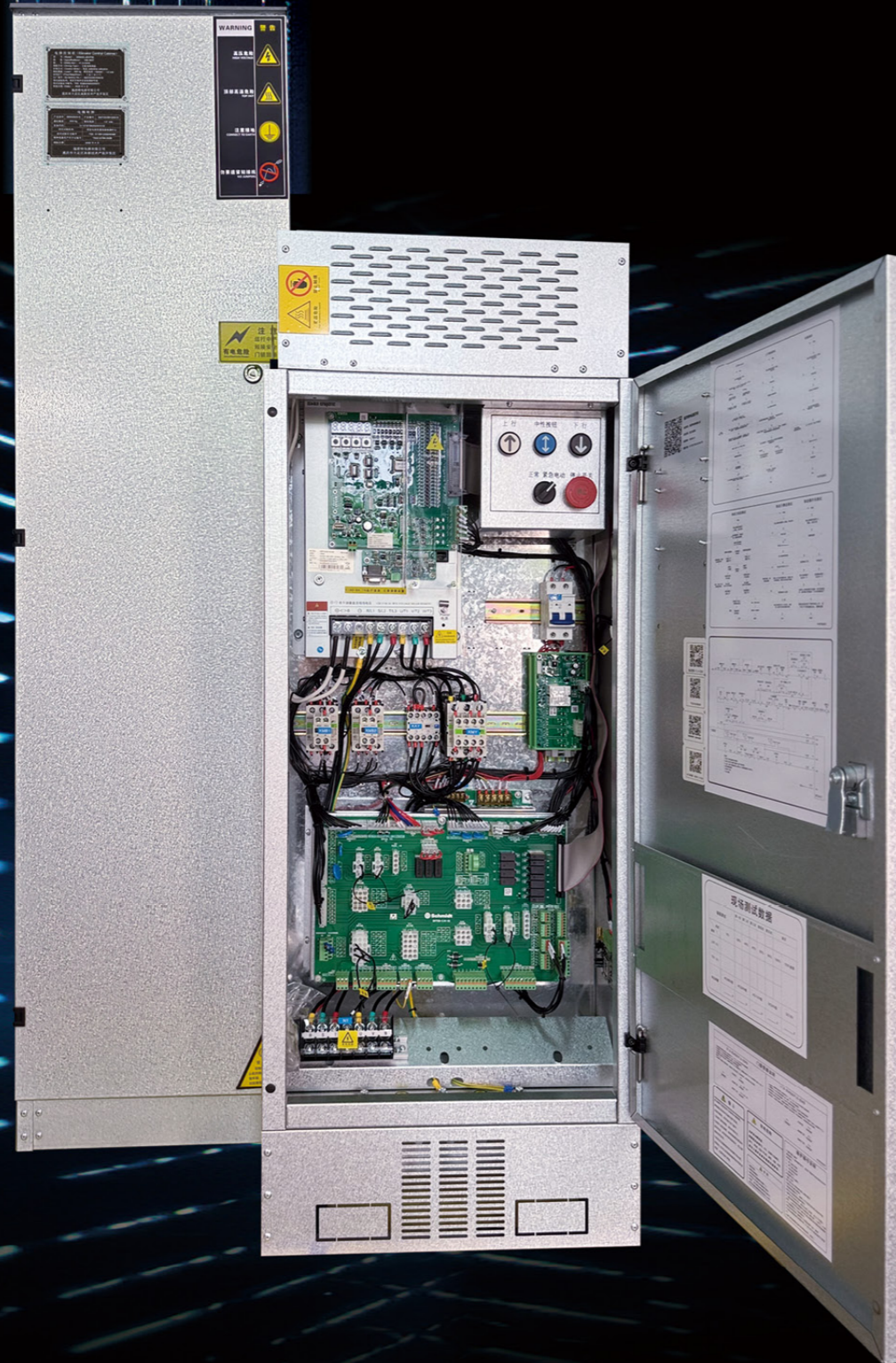
Double Protection, Safety Upgrade  
 High-Performance Permanent Magnets +  
 Proprietary Dual Safety Anti-Demagnetization  
 Steel Technology  
 Dual Safety Connection for Rotor Traction Wheel  
 URS Modular Chain Stator Core



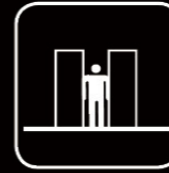
## High-Strength Traction Wheel

Made of high-strength QT700 material  
 High load capacity, high precision, quiet bearings.

# MAIN MACHINE SYSTEM



## INTELLIGENT DIGITAL CONTROL SYSTEM



### Intelligent Rescue System

The intelligent elevator rescue system is an intelligent solution that utilizes IoT, artificial intelligence, and automation technology to quickly identify, accurately locate, and automatically execute rescue procedures during elevator entrapment incidents. It aims to upgrade the traditional passive rescue, which relies on human response, to a safety system that combines proactive prevention and efficient handling.



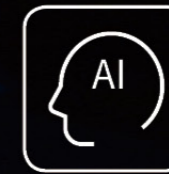
### Wide Voltage Protection

In traditional old urban areas, outdated power supply equipment can lead to unstable voltage, which may cause elevator entrapment failures. The new generation of elevator control cabinets is energy-efficient and has a significantly increased voltage range that exceeds national standards and industry levels, effectively coping with the voltage fluctuation environment in old urban areas.



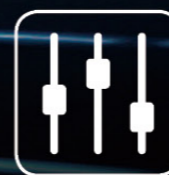
### Energy Regeneration

Automatic energy conversion, real-time feedback to the building's power grid, saving electricity costs.



### AI Fault Analysis

AI Analysis and Fault Prediction  
Big Data Linked Cloud Service Center  
24/7 Continuous Monitoring, Big Data AI Fault Prediction  
Remote Status Identification of Elevators



### Efficient Group Control Management

UPS/DPS Peak Period Service for Commute Times  
During peak service hours for commuting, elevators are prioritized to continuously dispatch to scheduled floors to meet peak operational demands.



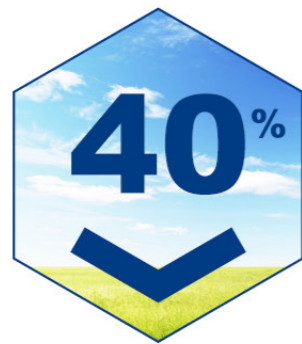
### Real-time Elevator Monitoring

The real-time elevator monitoring system relies on IoT, edge computing, and big data analysis technologies to dynamically monitor the operational status of elevators with comprehensive, second-level response, achieving integrated fault warning, efficiency optimization, and safety management.

# S800 Small machine room passenger elevator

## Compact space, perfect layout

To save space, expand the building larger space utilization rate, make the operation more flexible and reliable, make the building more elegant appearance, Schmidt small machine room passenger elevator, the compact type permanent magnet synchronous gearless traction machine and the special design of the control cabinet, make room area is achieved and the well area is exactly the same.



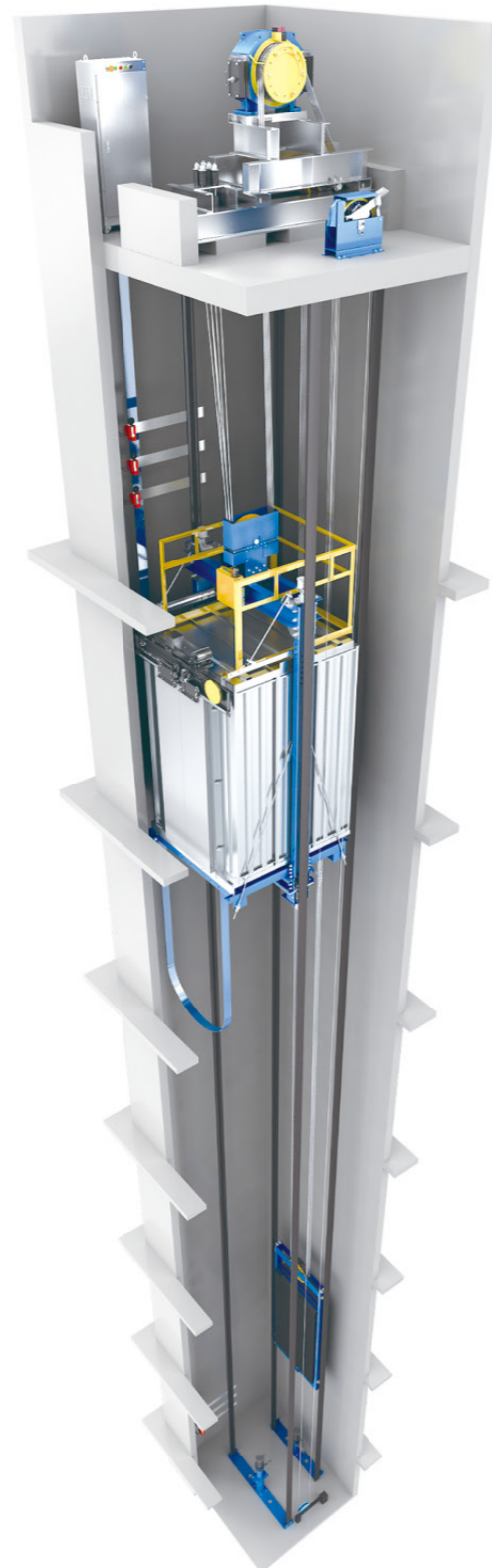
## Saving up to 40% energy

A global leader in permanent magnetic synchronous gearless traction machine, effectively reduce the energy consumption, can reduce energy consumption 40%, the realization of elevator traction machine maintenance free.



## Saving up to 50% area of machine room

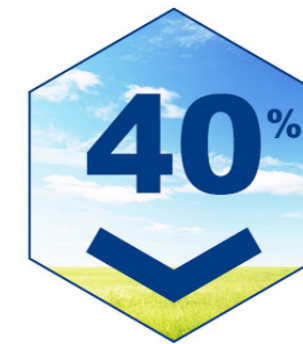
Room space is just an extension of the elevator hoistway, so the construction is convenient, low energy consumption and cost. Compact gearless permanent magnet synchronous machine can provide room for more space, placing the other control device.



# S800 Machine roomless passenger elevator

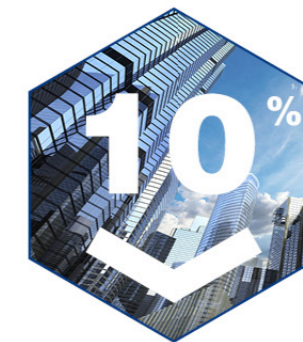
## Infinite possibilities of creating space

In order to know the concept of environmental protection, energy saving, saving building area, improve the degree of freedom in design is the responsibility of the elevator without machine room, fully reflects the green spirit of humanity, the elevator needs only one independent well space, without room, with the same load weight level than conventional elevators, saving energy by 40%, save construction area of 10%.



## Saving up to 40% energy

A global leader in permanent magnetic synchronous gearless traction machine, effectively reduce the energy consumption, can reduce energy consumption 40%, the realization of elevator traction machine maintenance free.



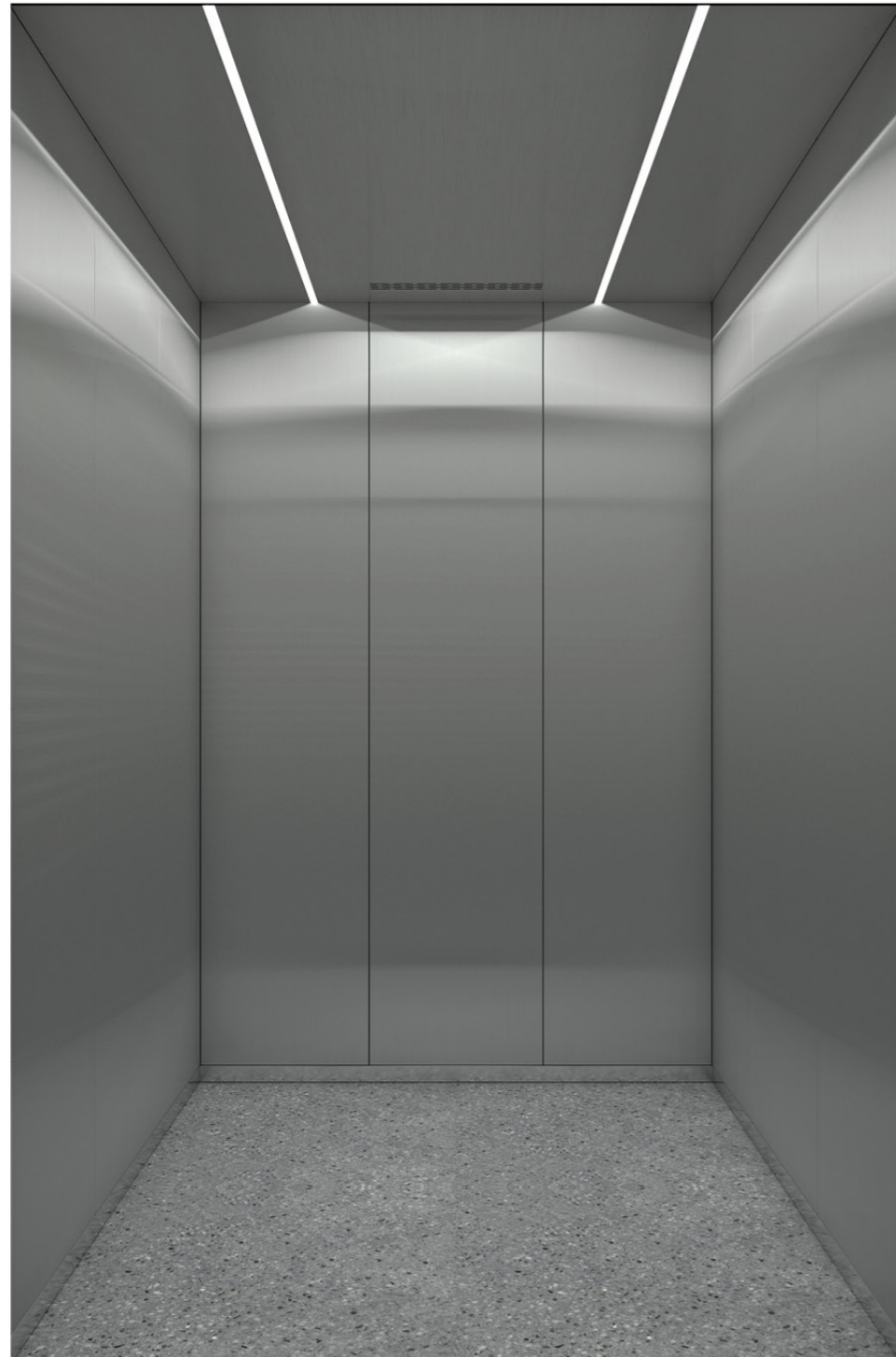
## Save 10% of the building area

Schmidt machine roomless elevator saves more space. The combined machine room with hoist-way give the elevator and construction designer more freedom.



# S800 Series Car decoration and design

## Standard configuration

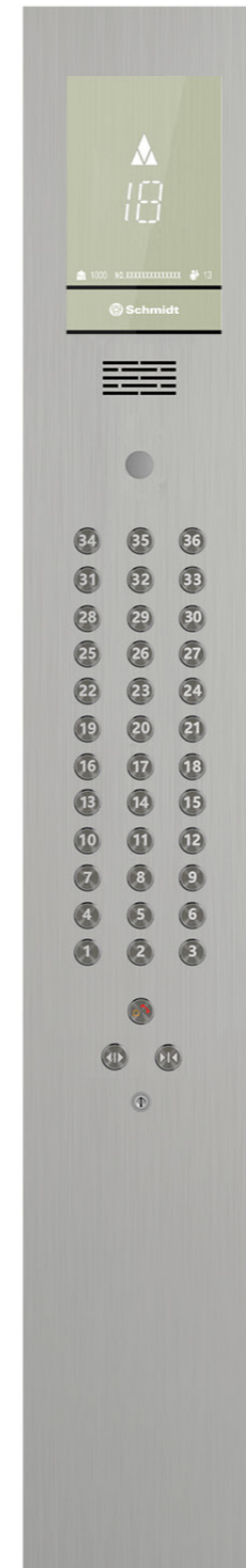


Car Show

### S-K8001

- Ceiling: Hairline stainless steel + Led Strip (DD801)
- Front wall: Anti-fingerprint stainless steel
- Side wall: Anti-fingerprint stainless steel
- Rear wall: Anti-fingerprint stainless steel
- Car door: Anti-fingerprint stainless steel
- Floor: PVC (S-DB802)

# Human-machine interface



**COP102**  
Standard

## Display optional (charged)



LCD+ tempered glass  
7"



LCD+ Non-tempered glass  
10"



LCD+ Non-tempered glass  
12"

## Operation panel for disabled



### COP105

- Charged optional
- Hairline stainless steel

## Calling indicator box



**LOP106**  
Standard  
none bottom case

- Toughened glass
- Segment display



**LOP103**  
Optional  
none bottom case

- Hairline stainless steel
- Segment display

## Standard button



**IB-2501**  
Stainless steel button



**IB-2502**  
Stainless steel+  
Toughened glass button

Control box operation material (charged): mirror stainless steel / titanium-plating stainless steel

The computer-drawn pictures are only for reference, The car skirting lines are subject to change based on actual conditions.

# S800 Series Car decoration and design

Optional configuration



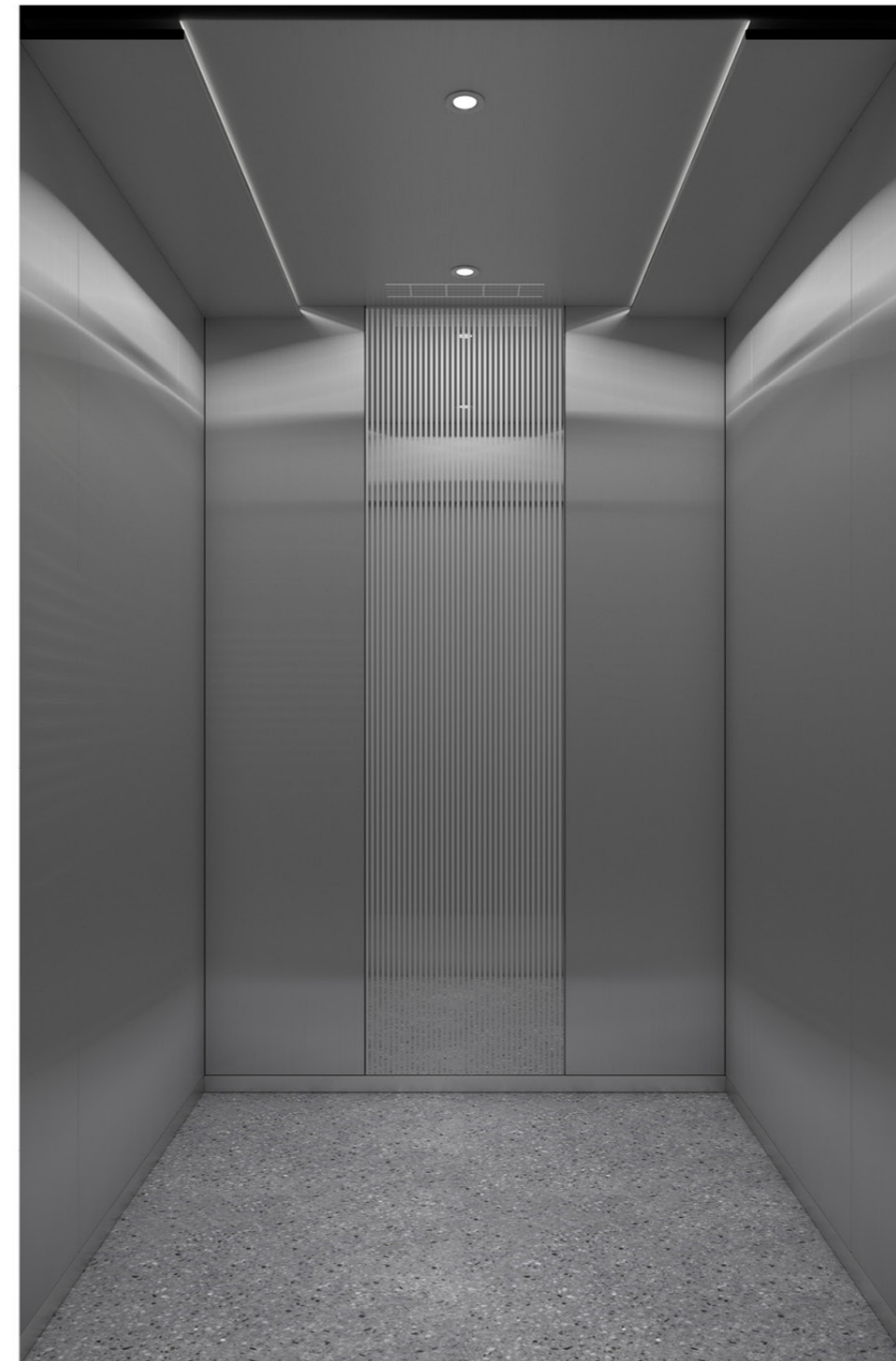
Car Show

## S-K8002

- Ceiling: Stainless steel+ LED downlights(S-D131)
- Front wall: Anti-fingerprint stainless steel
- Side wall: Anti-fingerprint stainless steel
- Rear wall: Anti-fingerprint stainless steel+ Mirror stainless steel
- Car door: Anti-fingerprint stainless steel
- Floor: PVC (S-DB802)

The computer-drawn pictures are only for reference, The car skirting lines are subject to change based on actual conditions.

Optional configuration



Car Show

## S-K8003

- Ceiling: Stainless steel +led strip, LED downlights (DD803)
- Front wall: Anti-fingerprint stainless steel
- Side wall: Anti-fingerprint stainless steel
- Rear wall: Anti-fingerprint stainless steel+ Mirror etching stainless steel (SK801)
- Car door: Anti-fingerprint stainless steel
- Floor: PVC(S-DB802)

The computer-drawn pictures are only for reference, The car skirting lines are subject to change based on actual conditions.

# S800 Series Car decoration and design

Optional configuration



Car Show

## S-K8005

- Ceiling: Stainless steel + acrylic (DD804)
- Front wall: Sand blasting stainless steel
- Side wall: Mirror stainless steel+ sand blasting stainless steel
- Rear wall: HSD010 ivory white art alloy panel, edge strip+Mirror stainless steel
- Car door: Sand blasting stainless steel
- Floor: PVC (S-DB802)

The computer-drawn pictures are only for reference, The car skirting lines are subject to change based on actual conditions.

Optional configuration



Car Show

## S-K8006

- Ceiling: Stainless steel+ acrylic+LED downlights (DD805)
- Front wall: Sand blasting stainless steel
- Side wall: Sand blasting stainless steel
- Rear wall: HSD010 ivory white art steel plate+Mirror stainless steel, edge strip
- Car door: Sand blasting stainless steel
- Floor: PVC (S-DB802)

The computer-drawn pictures are only for reference, The car skirting lines are subject to change based on actual conditions.

# S800 Series Car decoration and design

Optional configuration



Car Show

## S-K8007

- Ceiling: Stainless steel+ acrylic+LED downlights(DD806)
- Front wall: Anti-fingerprint stainless steel
- Side wall: Anti-fingerprint champagne gold stainless steel+Anti-fingerprint stainless steel
- Rear wall: Anti-fingerprint champagne gold stainless steel+Mirror stainless steel
- Car door: Anti-fingerprint stainless steel
- Floor: PVC (S-DB802)

The computer-drawn pictures are only for reference, The car skirting lines are subject to change based on actual conditions.

Optional configuration



Car Show

## S-K8008

- Ceiling: Stainless steel+ acrylic+LED downlights(DD807)
- Front wall: Anti-fingerprint stainless steel
- Side wall: Anti-fingerprint rose gold stainless steel+Mirror stainless steel
- Rear wall: Anti-fingerprint rose gold stainless steel+Mirror stainless steel
- Car door: Anti-fingerprint stainless steel
- Floor: PVC (S-DB802)

The computer-drawn pictures are only for reference, The car skirting lines are subject to change based on actual conditions.

# S800 Series Car decoration and design

Optional configuration



Car Show

## S-K8009

- Ceiling: Mirror stainless steel+acrylic+ LED downlights (DD808)
- Front wall: Sand blasting titanium stainless steel
- Side wall: Titanium mirror stainless steel+ Sand blasting titanium stainless steel
- Rear wall: Titanium mirror etching stainless steel (SK802)+ Titanium mirror stainless steel
- Car door: Sand blasting titanium stainless steel
- Floor: PVC (S-DB802)

The computer-drawn pictures are only for reference, The car skirting lines are subject to change based on actual conditions.

Optional configuration



Car Show

## S-K8010

- Ceiling: Mirror stainless steel+acrylic + LED downlights (DD808)
- Front wall: Bronze titanium sand blasting stainless steel
- Side wall: Bronze titanium mirror stainless steel+ Bronze titanium sand blasting stainless steel
- Rear wall: HSD010 ivory white art steel plate+ Bronze titanium stainless steel
- Car door: Bronze titanium sand blasting stainless steel
- Floor: PVC (S-DB802)

The computer-drawn pictures are only for reference, The car skirting lines are subject to change based on actual conditions.

# S800X Panoramic elevator / S800X Machine roomless panoramic elevator

**It relaxes your heart and soul,  
set your dream to a long voyage.**

Construct novel and unique, beautiful appearance, superior quality and refined, the new comfortable Schmidt magnificent sightseeing elevator, allowing you to enjoy the modern architecture of extraordinary charm and luxurious, the VVVF inverter-driven energy-saving configuration, carrying a silent corporate social responsibility to calm and comfortable ride experience, a unique fashion look and style of human interface settings, the full interpretation of the elevator for Schmidt insights into urban life.

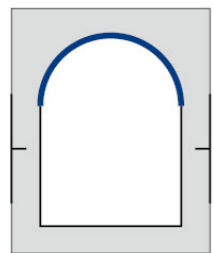
## Schmidt, a model for dignity

We strive to give the product super visual beauty to make it the most dazzling scenery of the whole building and make it brilliant and lustrous at nightfall, interereting dignity.

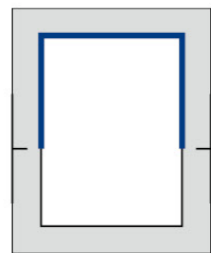
## Well-designed, comfortable and safe

Digital tractor driving, flexible micro computer control and variable voltage and varidble frequency control are adopted. We make every detail for your special request and make all-round consideration to the product to share a safe sunshine platform with you.

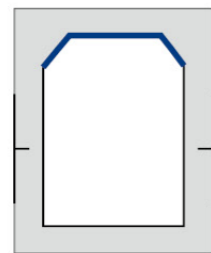
There is a variety of forms to meet different needs.



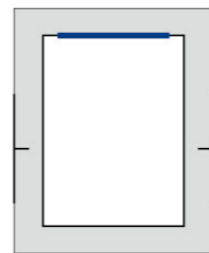
Semi-circular type



Square type



Octagonal type



Future prospects



# S800X Series Car decoration and design

## Square car series



Car Show

### S-X8101

Ceiling: Sainless steel + acrylic (DD809)  
 Front wall: Anti-fingerprint stainless steel  
 Side wall: Anti-fingerprint stainless steel  
 Rear wall: Safety laminated glass  
 Handrail : Round brushed stainless steel tube (S-FS810)  
 Floor: PVC (S-DB802)

## Diamond car series



Car Show

### S-X8103

Ceiling: Long hairline stainless steel + acrylic (S-D810)  
 Front wall: Long hairline stainless steel  
 Side wall: Long hairline stainless steel + safety laminated glass  
 Rear wall: Safety laminated glass  
 Handrail: Mirror stainless steel tube floor handrail(S-FS812)  
 Floor: PVC (S-DB805)



Car Show

### S-X8102

Ceiling: Mirror stainless steel + acrylic lamp decoration + downlight (DD808)  
 Front wall: Anti-fingerprint stainless steel  
 Side wall: Anti-fingerprint stainless steel + laminated glass  
 Rear wall: Safety laminated glass  
 Handrail : Round brushed stainless steel tube (S-FS811)  
 Floor: PVC (S-DB804)



Car Show

### S-X8105

Car cover:Steel plate baked enamel, acrylic lighting decoration  
 Panorama wall: 6+6 laminated safety glass (3pcs)  
 Ceiling:Steel plate baked enamel, central round acylic ceiling lamp, down lamps on both sides (DD811)  
 Car wall:Hairline finished St/St  
 Handrail: Ø38 hairling stainless steel tube (S-FS813)  
 Floor:PVC floor (S-DB806)



# S800X Series Car decoration and design

## Round car series



Car Show

### S-X8106

Ceiling: Hairline stainless steel + acrylic lamp decoration (DD812)  
 Front wall: Hairline stainless steel  
 Side wall: Hairline stainless steel  
 Rear wall: Safety laminated glass  
 Handrail: Stainless steel round tube (S-FS815)  
 Floor: PVC (S-DB807)



Car Show

### S-X8108

Ceiling: Titanium stainless steel + acrylic lamp decoration (DD814)  
 Front wall: Mirror titanium etched stainless steel  
 Side wall: Mirror titanium stainless steel  
 Rear wall: Safety laminated glass  
 Handrail: Titanium-plated stainless steel round tube (S-FS817)  
 Floor: PVC (S-DB809)



Car Show

### S-X8107

Ceiling: Hairline stainless steel + acrylic lamp decoration + downlight (DD813)  
 Front wall: Hairline stainless steel  
 Side wall: Hairline stainless steel  
 Rear wall: Safety laminated glass  
 Handrail: Round brushed stainless steel tube (S-FS816)  
 Floor: PVC imitation marble (S-DB266)



Car Show

### S-X8109

Ceiling: Hairline stainless steel + acrylic lamp decoration (DD815)  
 Front wall: Hairline stainless steel + safety laminated glass  
 Side wall: Hairline stainless steel + safety laminated glass  
 Rear wall: Safety laminated glass  
 Handrail: Round brushed stainless steel tube (S-FS815)  
 Floor: PVC imitation marble (S-DB810)



# S800X Hospital elevator

## Warm care, you feel double-sweet in this fine and humane world

As a tie in connecting both the hospital staff and the patients, Schmidt hospital elevator comes from the years' in-depth experience and the professional data verification to the markets from the professional designers. It lays special importance upon the functional setting, Schmidt hospital elevator offers various application functions for both parties. No matter for entry / exit of hospital bed to emergency patients, or special operational setting for the handicapped patients, it always show deep care and happy blessing of Schmidt.

## It resists magnetic interference and better suits the modern medical application

Schmidt hospital elevator, for rapid development of modern medical equipment, flowers, the control system can be used effectively within a variety of sophisticated equipment layout and the building elevator electromagnetic interference between the signal and eliminate pollution of the elevator, to meet the needs of modern health care system.

"Human, opportunities and society" is an excellent hospital elevator with cleaner and more comfortable space.

Sauberer, mehr komfort und Raum

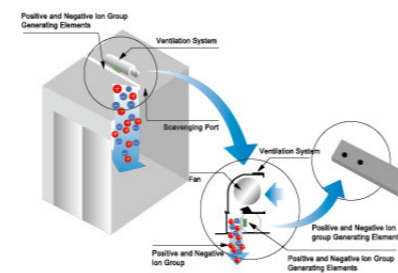
Der aufzug in der boutique

The patients can get the best caring both mentally and physically  
Die Patienten können sowohl geistig als auch körperlich bestmöglich versorgt werden.

## Positive and negative ion group sterilizer (Optional)

In the elevator industry, by adopting the positive and negative ion technology, Schmidt Elevator firstly applies sterilizer inside the elevator. This feature is accredited by the users. In order to bring more clean and fresh air inside the elevator, Schmidt Elevator adopts the more powerful sterilizing ion generating components. It can release 7 times more concentrated sterilizing ions. It strongly dissolves and eliminates the floating hazardous substances in the air, and can also provide deodorization effect. This feature is applicable for medical building and residential buildings which pets are allowed.

Schmidt largely increases sterilization effect and creates a more clean and comfortable space.



Sectional Drawing in Detail

# S800X Series Car decoration and design

## Standard configuration



Car Show

## S-X8201

Ceiling: Stainless steel + acrylic + LED (DD816)  
Car wall: Hairline stainless steel  
Car door: Hairline stainless steel  
Handrail: Brushed stainless steel handrail (S-FS803)  
Floor: PVC floor (S-DB801)

## Optional configuration



Car Show

## S-X8202

Ceiling: Stainless steel + acrylic + LED (DD817)  
Car wall: Hairline stainless steel + Mirror stainless steel  
Car door: Hairline stainless steel  
Handrail: Brushed stainless steel handrail (S-FS803)  
Floor: PVC floor (S-DB803)



The computer-drawn pictures are only for reference.

# Elevator lobby design



**S-TM602**  
 Standard configuration: Narrow type door jamb  
 Landing door: hairline stainless steel  
 Jamb: hairline stainless steel



**S-TM606**  
 Screen type wide door jamb  
 Landing door: mirror stainless steel + glass  
 Jamb: mirror stainless steel



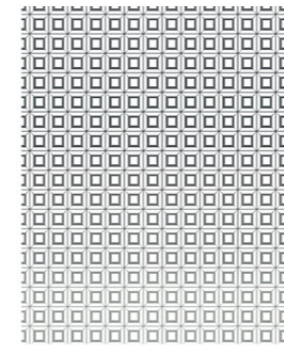
**S-TM603**  
 Screen type wide door jamb  
 Landing door: mirror stainless steel  
 Jamb: mirror stainless steel



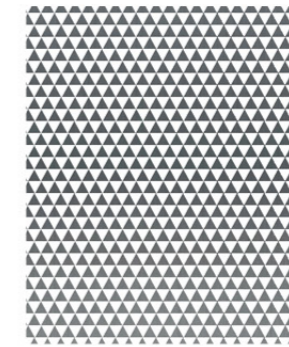
**S-TM605**  
 Screen type oblique angle wide door jamb  
 Landing door: titanium etched stainless steel  
 Jamb: titanium stainless steel

The computer-drawn pictures are only for reference.

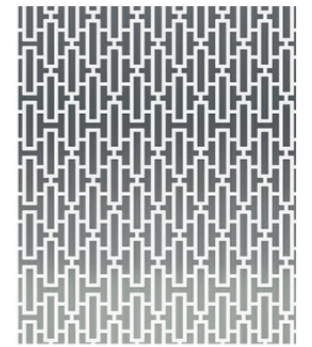
## Optional etched stainless steel



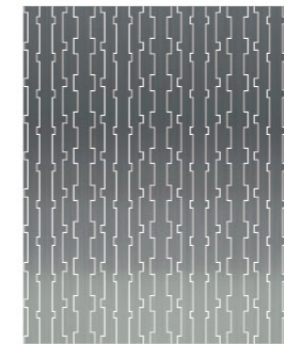
**S-SK720**



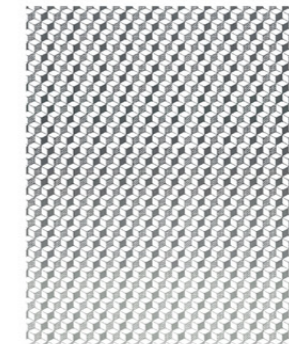
**S-SK721**



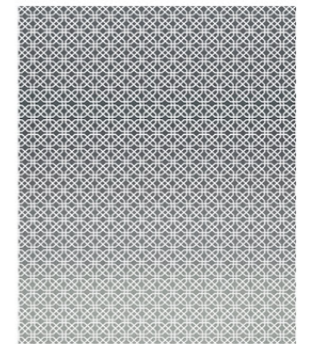
**S-SK722**



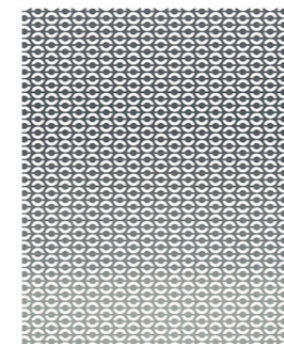
**S-SK723**



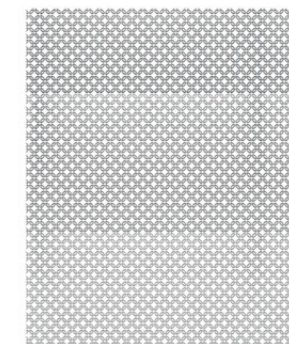
**S-SK724**



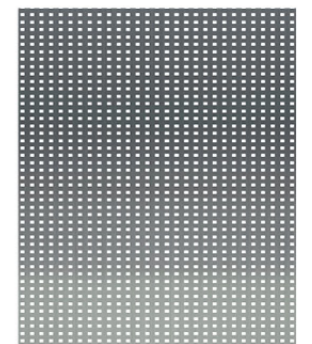
**S-SK725**



**S-SK726**

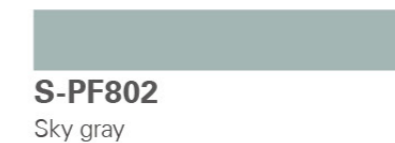
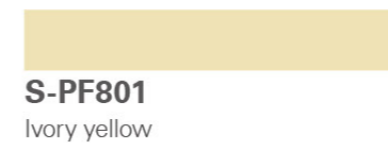


**S-SK727**



**S-SK728**

## Optional dusting color



The computer-drawn pictures are only for reference.

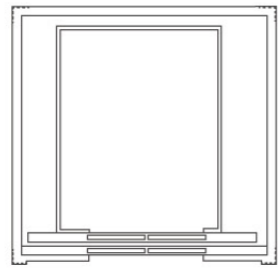
# SV600 Home lifts

## Elegant and graceful quality life

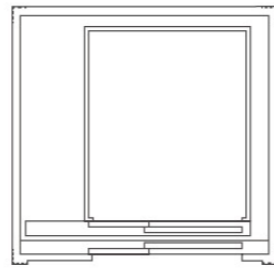
Schmidt home lifts, adhering to the area of the elevator technology, classic design heritage of the international fusion of artistic, practical and integrated with the times, and Villas, private luxury high-level taste is very consistent.

## Alternative door styles, different choice

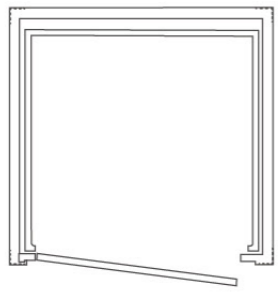
Varies of kinds door open style provided for you, you can choose any one of them as per your needs for your building requirement.



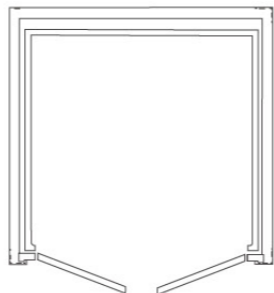
Center-opening



Side-opening



Manually /Automatic door



Electric sliding door

## Four advantages of the human design

Environmental protection and energy-saving: It uses 220V or 380 V voltage. Its power consumption is equal to that of a air conditioning.

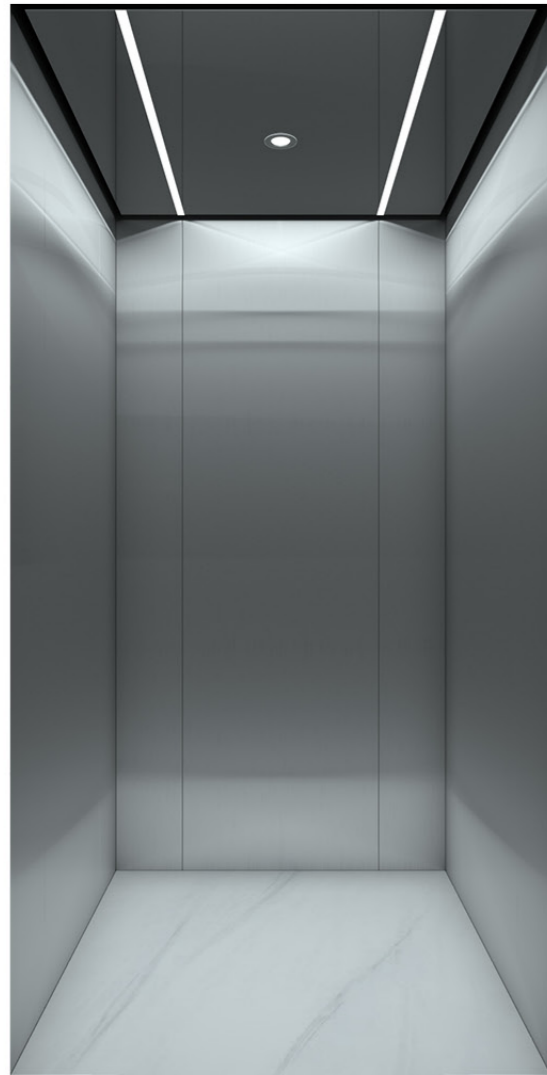
The product features: No pit, no construction well, it is attractive and comfortable.

The applicable occasions: Different styles and structures of the villas.

Style of appearance: for a variety of decoration style.



# SV600 Car decoration and design



Car Show

## S-V6000

Ceiling: Mirrored stainless steel, light strip, downlight (DD661)  
 Front wall: Anti-fingerprint hairline stainless steel  
 Side wall: Anti-fingerprint hairline stainless steel  
 Rear wall: Anti-fingerprint hairline stainless steel  
 Floor: Sintered stone (Glacier White S-DB601)



Note: Ceiling width or depth ≤ 1200mm.



Car Show

## S-V6065

Ceiling: Mirrored stainless steel, downlights, LED strips(DD666)  
 Back wall: HSC03503 silver-gray art steel plates on both sides, mirrored stainless steel in the middle  
 Side wall: HSC03503 silver-gray art steel plates  
 Front wall: HSC03503 silver-gray art steel plates  
 Car door: HSC03503 silver-gray art steel plates  
 Floor: Sintered stone (Wyndham Grey S-DB602)

Note: Ceiling width or depth ≤ 1200mm.



Note: Ceiling width or depth ≤ 1200mm.



Car Show

## S-V6004

Ceiling: Hairline stainless steel, LED lamp + downlight(S-D662)  
 Front wall: Gray titanium mirror stainless steel  
 Side wall: Anti-fingerprint sandblasted stainless steel + HSC041 Milk Coffee art steel plate  
 Rear wall: Anti-fingerprint sandblasted stainless steel + mirror etched stainless steel  
 Car door: Anti-fingerprint sandblasted stainless steel  
 Floor: Sintered stone (Wyndham Grey S-DB602)



Car Show

## S-V6064

Ceiling: Champagne gold art steel plate, down lamp(DD665)  
 Rear wall: Mirror stainless steel on both sides, HSC007 champagne gold art steel plate in the middle  
 Side wall: HSC007 champagne gold art steel plate big board mirror stainless steel small board  
 Front wall: HSC007 champagne gold art steel plate  
 Car door: HSC007 champagne gold art steel plate  
 Floor: Sintered stone (New Beige S-DB603)

# SV600 Car decoration and design



Car Show

## S-V6070

- Ceiling: Ripple pattern panels, LED strip lights(DD674)
- Rear wall: HSC007 champagne gold art steel plates on both sides, HSD010 ivory white art alloy panel in the middle, LED strip lights
- Side wall: HSC007 champagne gold art steel plates
- Front wall: HSC007 champagne gold art steel plates
- Car door: HSC007 champagne gold art steel plates
- Floor: Sintered stone (Glacier White S-DB601)

Note: Ceiling width or depth ≤ 1200mm.



Car Show

## S-V6072

- Ceiling: Fish belly white art steel plate, Light strips, downlights(DD676)
- Rear wall: HSC007 champagne gold art steel plate on both sides, middle HSD010 fish belly white art steel plate, light strip
- Side wall: Large plate HSP005 milky white leather grain art steel plate, small plate HSC007 champagne gold art steel plate
- Front wall: HSP005 milky white leather grain art steel plate
- Car door: HSP005 milky white leather grain art steel plate
- Floor: Sintered stone (Glacier White S-DB601)

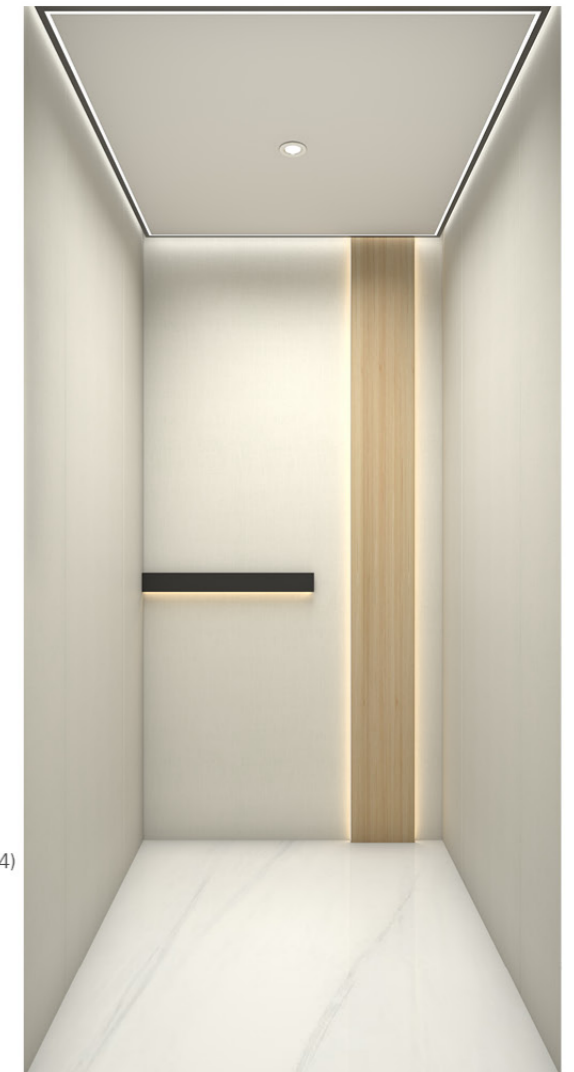


Car Show

## S-V6068

- Ceiling: Mirrored stainless steel, LED strip lighting(DD672)
- Rear wall: Left side HSD015 Pandora marble art steel panel, Right side HSC005 cashmere gray solid color art steel panel, concealed LED strip lighting
- Left wall: HSM045 straight-grain begonia wood art steel panels on both sides, mirrored stainless steel in the center
- Right wall: HSC005 cashmere gray solid color art steel panel
- Front wall: HSC005 cashmere gray solid color art steel panel
- Car door: HSC005 cashmere gray solid color art steel panel
- Floor: Sintered stone (Glacier White S-DB601)

Note: Ceiling width or depth ≤ 1200mm.



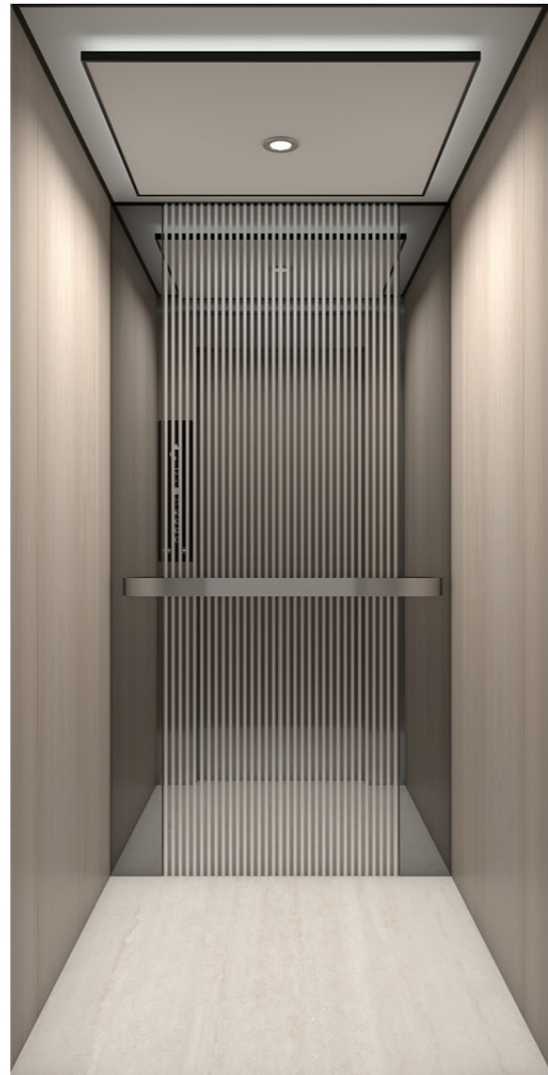
Car Show

## S-V6063

- Ceiling: Wooden decorative panel, LED downlights, light strips(DD664)
- Back wall: Light yellow fabric-textured art steel plates, Li Huang oak art steel plates, black leather-textured decorative handrails, light strips
- Side wall: Light yellow fabric-textured art steel plates
- Front wall: Natural-colored mirrored stainless steel
- Car door: Natural-colored mirrored stainless steel
- Floor: Sintered stone (Glacier White S-DB601)

Note: Ceiling width or depth ≤ 1200mm.

# SV600 Car decoration and design

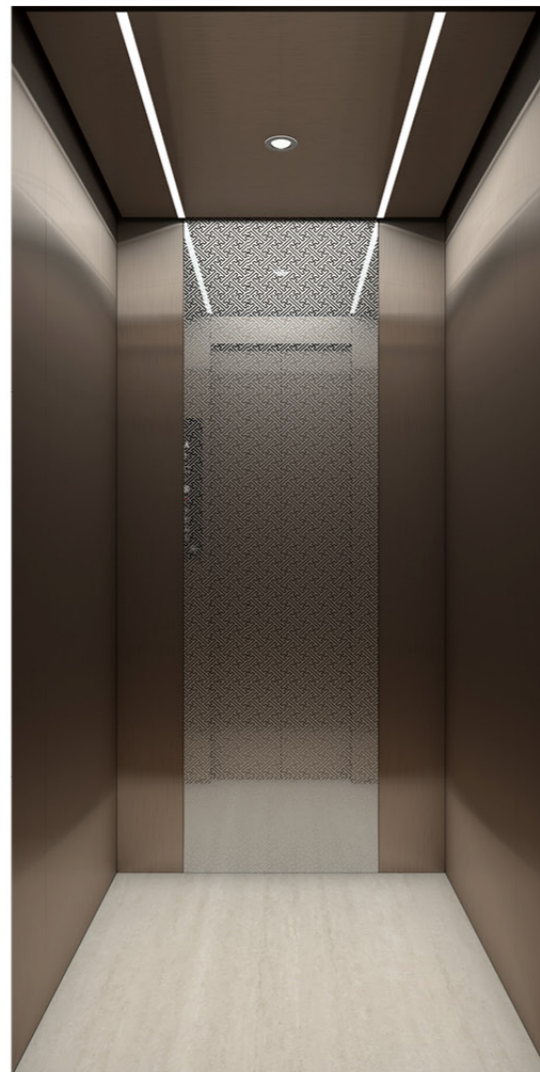


Car Show

## S-V6014

Ceiling: Wooden decorative panel, Downlight+ hidden light strip(DD677)  
 Front wall: Anti-fingerprint sandblasted stainless steel  
 Side wall: HSM028 straight grain oak art steel plate  
 Rear wall: Mirror etched stainless steel, mirror stainless steel  
 Car door: Anti-fingerprint sandblasted stainless steel  
 Floor: Sintered stone (New Beige S-DB603)

Note: Ceiling width or depth ≤ 1200mm.



Car Show

## S-V6074

Ceiling: Bronze stainless steel, light strip, LED downlights(DD679)  
 Front wall: Bronze stainless steel  
 Side wall: Bronze stainless steel  
 Rear wall: bronze stainless steel mirror etched stainless steel  
 Floor: Sintered stone (New Beige S-DB603)



Bronze



Rose gold



Titanium gold

The computer-drawn pictures are only for reference, The car skirting lines are subject to change based on actual conditions.



Car Show

## S-V6018

Ceiling: Wooden decorative panel, LED lamp+downlight(DD681)  
 Rear wall: Aluminum profile frame+safety laminated glass  
 Side wall: Aluminum profile frame+safety laminated glass + black titanium mirror  
 Front wall: Anti-fingerprint bronze stainless steel  
 Floor: Sintered stone (Glacier White S-DB601)

Note: Ceiling width or depth ≤ 1200mm.



Car Show

## S-V6019

Ceiling: Wooden decorative panel, LED lamp+downlight(DD681)  
 Rear wall: Aluminum profile frame+safety laminated glass  
 Side wall: Aluminum profile frame+safety laminated glass + gray titanium mirror  
 Front wall: Anti-fingerprint champagne gold stainless steel  
 Floor: Sintered stone (Glacier White S-DB601)

Note: Ceiling width or depth ≤ 1200mm.

The computer-drawn pictures are only for reference, The car skirting lines are subject to change based on actual conditions.

# Human-machine interface



**COP-V02**  
(standard)  
Split-type  
Stainless steel frame,  
Tempered glass black



**COP-V06**  
(Optional)  
Stainless steel frame, glass panel



**COP-V03**  
(Optional)  
10.1-inch touchscreen



**COP-V04**  
(Optional)  
13.3-inch touchscreen

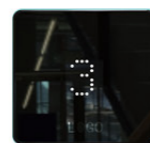


**COP-V05**  
(Optional)  
15-inch touchscreen

## LOP



**LOP-V01**  
(standard)



**LOP-V02**  
(Optional)



**LOP-V03**  
(Optional)

The computer-drawn pictures are only for reference.

# Landing door series (optional)



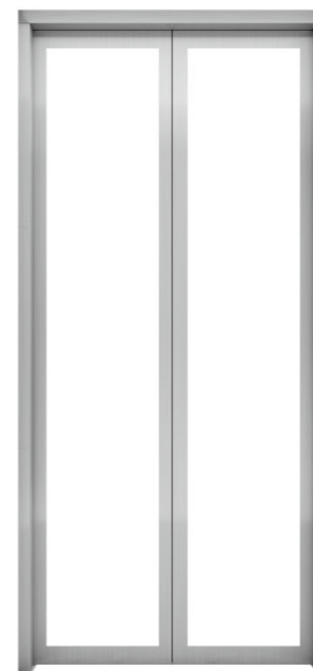
**S-TM602**  
Hairline stainless steel anti-fingerprint

### Material options available



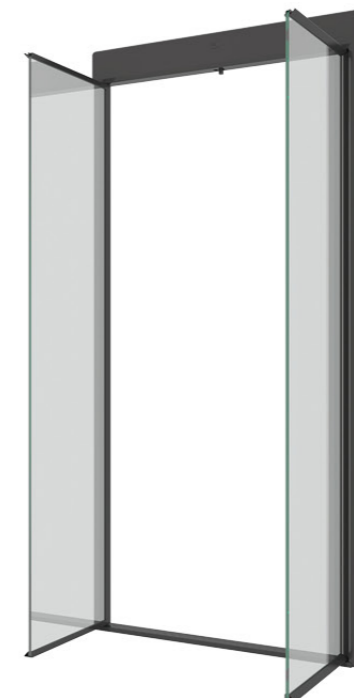
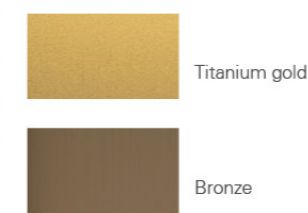
**S-TM621** Manually door  
**S-TM622** Automatic door  
Shiny silver

### Color options available



**S-TM611**  
Aluminum alloy  
framed glass door

### Color options available



**S-TM631**  
Automatic double door

### Color options available

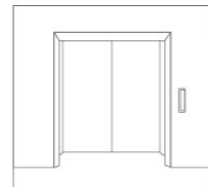


The computer-drawn pictures are only for reference.

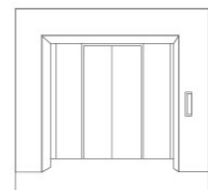
# S4000 Freight elevator

## It can competently bear heavy loads

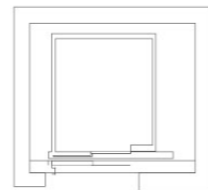
Schmidt freight elevators apply micro-computer control technology. It uses high intensity cars that have been designed and manufactured by section materials. It can transport the freight under various awful conditions. Schmidt freight elevator is your ideal choice in the factory, warehouse, department store, shopping center, housing property management center etc. because of its safe; durable and reliable properties, high structural strength, smooth operation, large door opening distance, high cost performance and so on.



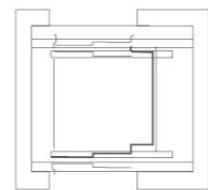
Two panel sliding door



Center-opening & double-folded



Single way door



Double way door

## Large width door opening, free entry/exit

For the convenience of free entry/exit of large bulk freight, Schmidt freight elevator series apply multi-folded car structures. It can reach maximum width while opening the car door.

## The multiple door opening modes

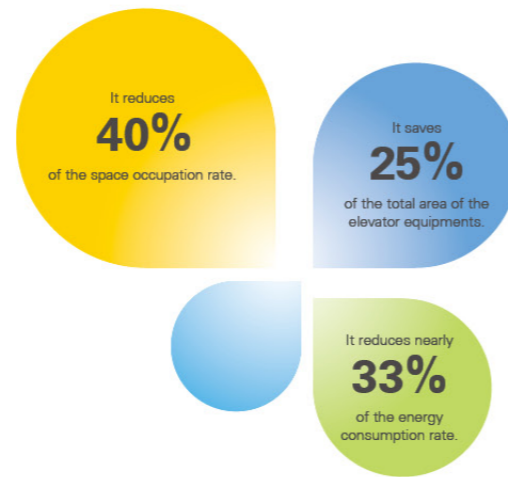
In order to satisfy different entry/exit requirements from vast users, Schmidt freight elevator offers four door opening modes of side opening, center opening double-folded door, one-way door opening, opposite door opening. It can flexibly match with the factory, warehouse, department store, shopping center, housing property management center etc.



# S4000 Machine roomless freight elevator

## Infinite possibility for vast constructions

Schmidt machine roomless freight elevator knows very well of the energy-saving and loss-reducing ideas. It not only saves the building area, but also increases design freedom extent, It gives full play of green low-carbon. Compared with same load level freight elevator with machine room, it saves 25% of the electric energy and 10% of the building area.



## Easily merges with vast constructions

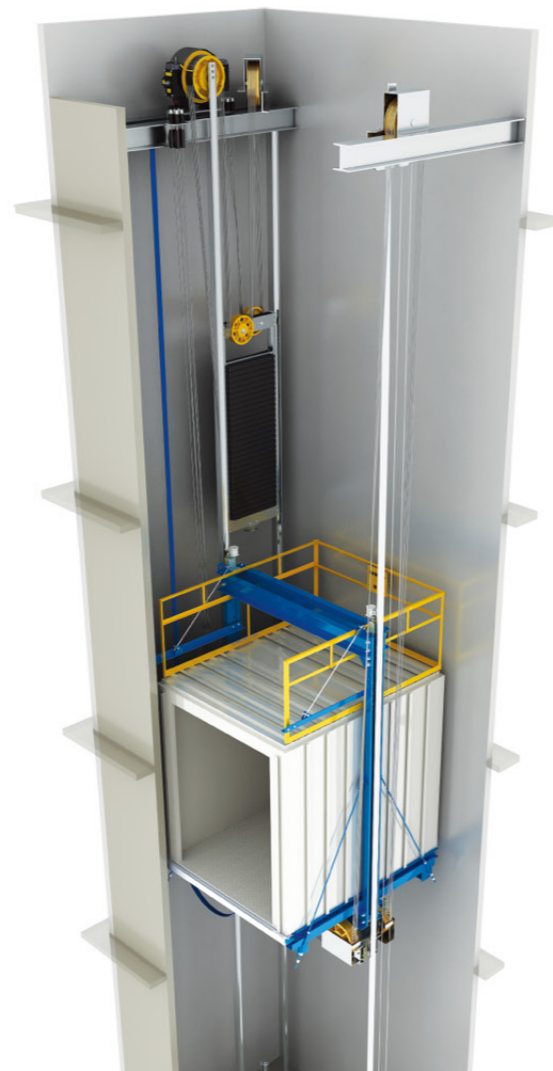
Schmidt machine roomless freight elevator only needs a well without machine room. It brings about more design freedom to vast buildings.

## Extensive application occasions

Compared with the traditional freight elevator with machine room, Schmidt machine roomless freight elevator has the more extensive application occasions. It better suits the vertical transport field in modern societies.

## Easy and effective installation

Easy installation is vital for freight transport in the elevator application. Schmidt machine roomless freight elevator provides the customers with easy and effective installation plans. It ensures normal progress of the construction projects.



# S4000X Automobile elevator

## It favors your car in up/down motion

It inherits the advanced German car lifting technology. It has been specially designed according to particularity of car products. It solves the unstable technical barriers of large noise to traditional car elevators. It is backed by the attractive outline, convenient operation mode, little sharing space, high utilization rate of the space, wide application range. It becomes a model example of new generation car elevator. Meanwhile it is convenient for operators inside and outside the elevator car.

## Special display system

Special circuit control and display system is convenient for the drivers inside/outside the car.

## Safety guide device

Safety guide device sets in the car ground to ensure fine security of both the cars and the elevators.

## Front/rear door opening are available (optional)

The elevator car sets front/rear door opening which is more convenient for the safety sector and for the cars to enter into/exit from the elevator cars.

## Dual operation buttons box (standard)

There are two operation box buttons in the car. Therefore the driver can operate the elevator in the car without stepping out of it.



# S4000 Car decoration and design



## S-H4001

Standard collocation

Ceiling	Painted steel
Car wall, car door	Painted steel (opposite door)
COP	Hairline stainless steel
Floor	Checkered steel

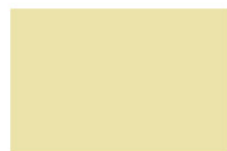


## S-H4002

Optional collocation

Ceiling	Hairline stainless steel
Car wall, car door	Hairline stainless steel
COP	Hairline stainless steel
Floor	Checkered steel

### Optional dusting color



**S-PF801**  
Ivory yellow



**S-PF802**  
Sky gray



**S-PF805**  
Nebula yellow

### Optional floor



Checked plate



Stainless steel  
checked plate  
(optional)

The computer-drawn pictures are only for reference.

## Control operate panel



**COP101**  
Standard configuration

Standard button



**IB-01**  
Stainless steel button

Control box operation material (charged): mirror stainless steel / titanium-plating stainless steel

Calling indicator box



**LOP106**  
Standard none bottom case

The computer-drawn pictures are only for reference.

## Optional landing door



Side opening type

Standard  
Jamb: Painted steel(optional color)  
Landing door: Painted steel  
Sill: Iron-made



Center-opening & double-folded type

Optional  
Jamb: Painted steel(optional color)  
Landing door: Painted steel  
Sill: Iron-made

# Function table

## Standard function

Function name	Function elucidation
VVVF drive	Motor rotating speed can be precisely adjusted to get smooth speed curve in lift start, travel and stop and gain the sound comfort.
VVVF door operator	Motor rotating speed can be precisely adjusted to get the more gentle and sensitive door machine start/stop.
Independent running	The lift can not respond to outer calling, but only respond to the command inside the car through the action switch.
Automatic pass without stop	When the car is crowded with the passengers or the load is close to preset value, the car will automatically pass the calling landing in order to keep maximum travel efficiency.
Automatically adjust door opening time	Door-open time can be automatically adjusted according to the difference between landing calling or car calling.
Reopen with hall call	In the door shutting process, press reopen with hall call button can restart the door.
Express door closing	When the lift stops and opens the door, press door-shut button, the door will be closed immediately.
Car stops and door open	The lift decelerates and levels, the door only opens after the lift comes to a complete stop.
Car arrival gong	Arrival tong in the car top announces that the passengers arrive.
Command register cancel	If you press the wrong floor command button in the car, twice continuous pressing of same button can cancel the registered command.
Photocell protection	In the door open and shut period, infrared light that covers the whole door height is used to probe the door protection device of both the passengers and objects.
Designated stop	If the lift can not open the door in the destination floor out of some reason, the lift will close the door and travel to the next designated floor.
Overload holding stop	When the car is overload, the buzzer rings and stops the lift in the same floor.
Start protection control	If the lift does not leave door zone within the designated time after it gets started, it will stop the operation.
Inspection operation	When the lift enters into inspection operation, the car travels at inching running.
Fault self-diagnosis	The controller can record 62 latest troubles so as to quickly remove the trouble and restore the lift operation
Repeated door closing	If the lift can not close the door due to certain obstacle or interference, the lift will reopen or re-shut the door until sundries are eliminated.
Up/down over-run and final limit protection	The device can effectively prevent from the lift's surging to the top or knocking the bottom when it is out of the control. It results in the more safe and reliable lift travel.
Down over-speed protection device	When the lift downs 1.2 times higher than the rated speed, this device will automatically cut off control mains, stop the motor running so as to stop lift down at over-speed. If the lift continues to down at over-speed, and the speed is 1.4 times higher than rated speed, safety tongs act to force the lift stop in order to ensure the safety.
Upward over-speed protection device	When the lift ups 1.2 times higher than rated speed, the device will automatically decelerate or brake the lift.
Micro-touch button for car call and hall call	Novel micro-touch button is used for operation panel command button in the car and landing calling button.
Floor and direction indicator inside car	The car shows the lift floor location and current travel direction.
Floor and direction indicator in hall	The landing shows the lift floor location and current travel direction.

## Standard function

Function name	Function elucidation
Emergency car lighting	Emergency car lighting automatically activated once power failure.
Five way intercom	Communication amid car, car top, lift machine room, well pit and rescue duty room through walkie-talkie.
Bell	In emergency conditions, if bell button above car operation panel is continuously pressed, electric bell rings on top of the car.
Fire emergency return	If you start key switch in main landing or monitor screen, all the callings will be cancelled. The lift directly and immediately drives to the designated rescue landing and automatically opens the door.
Car ventilation, light automatic shut off	If there is no calling or command signal within the stipulated time, the car fan and lighting will be automatically closed in order to save the energy.
Remote shut-off	The lift can be called to main landing (after finishing the service) through the key switch and automatically exists the service.

## Optional function

Function name	Function elucidation
Leveling when power failure	In normal power failure, the chargeable battery supplies the lift power. The lift drives to the nearest landing.
Anti-nuisance	In the light lift load, when three more commands appear, in order to avoid the unnecessary parking, all the registered callings in the car will be cancelled.
Direct parking	It completely accords with distance principle with no crawling in the leveling. It greatly enhances the travel efficiency.
Duplex control	Two sets of same model lifts can unanimously respond the calling signal through the computer dispatch. In this way, it reduces the passengers' waiting time to the greatest extent and enhances the travel efficiency as well.
Voice announcer	When the lift normally arrives, voice announcer informs the passengers about the relevant information.
Car assistant operation box	It is used in the large loading weight lifts of the lifts with crowded passengers so that more and more passengers can use the car.
Operation box for the handicapped	It is convenient for the wheelchair passengers and those who have vision problems.
IC card Function	The car command or hoist-way calling can be locked or connected through special Intelligent Input.
Remote monitor	The lift long-distance monitor and control can be fulfilled through modem and telephone. It is convenient for the factories and service units to timely know the travel conditions of every lift and promptly take the corresponding measures.
Camera function in the car	The camera is installed in the car to monitor the car conditions.

# SE1000-E Escalator

## Dreams to enhance our future

It has the features such as smooth running, low noise, fine durability, convenient repair, fine and exquisite structure, consummate lift-way, remarkable belt-way, attractive outline model, magnificent design style with gentle modern flavor. A safe, cozy and beautiful escalator can let you enjoy the pleasant and comfortable moment every day. Schmidt escalator is exceeding your expectations! It is widely applicable for the shopping center, supermarket, subway airport etc. with large volume of passenger traffic. It adds one flow and bright scene to your constructions.



### More secure

The human-oriented handrail entrance is secured by brush.

### Low noise

The large size diameter of step roller operates minimizes the noise and prolongs the product life.

### Long life

The truss utilizes first class rectangle steel with unique structure, high strength and nice anti-corruption durable features.

### High efficiency & energy-saving

Customer can choose VVVF control to control running speed, the energy saving performance is obvious, it can prolong products' life and reduce the operation cost.

### Monitored running

The super CPU main board monitors the operation in real time. If any abnormal situation occurs, it automatically brakes and records the malfunctions code.



## SE-C Moving walks

### As easy as in smooth ground, the everlasting popular design & quality

In the multi-colored modern metropolis, the public traffic and transport occasions such as large-size supermarket, public construction, airport, exhibition center, transport transformation station and so on, the auto-walk can not only tackle the traffic problem of gigantic stream of people, but also satisfy feel that it is like walking in the flat road while actually up and down in purchasing the goods out of its own characteristics. It is also applicable for the long-distance walking, conveying the luggage vehicle, baby's cart, purchase vehicle, handicapped vehicle etc. It is greatly convenient for people's outing and purchase. Therefore, it becomes the first-choice solution in various large-size supermarkets, airports, exhibition centers, transport transformation stations because of its convenient, prompt and pleasant riding needs.



### It merges with modern flavor design and style

The stairway guiderail design with armrest fixes the whole stairway running in guiderail, It controls the stairway movement, avoids friction amid the step, skirting and comb teeth, It is convenient for installation, adjustment, repair and maintenance, It remarkably increases the running effects.

### Space-saving

Compact structure, ease strain: Short pallets can greatly reduce space span, which can flexibly fits the building structure and save the construction space for the customer, it comprises H version(horizontal), I version (incline) and C version (compact) can let the customer have a free choice on his original layout.





## Looking forward of the future

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Schmidt elevators are popular in the world, to win a bright future.

Schmidt elevator companies as an outstanding representative of China, always planning ahead in the efficient operation of the service with a new attitude to the quality of life for all mankind. We will have excellent quality product as the carrier of the elevator, the corporate social responsibility and the perfect after-sales service combined Zhanyi future elevator area, and the world win, and environmental symbiosis.