







## CONTACT US

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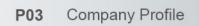








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# **Company Profile**

Founded in 2002, KOYO has been a modern elevator and escalator manufacturer based in Kunshan, China with invested capital of 130 million US Dollars, and an occupied area of 230,000 square meters. It is a comprehensive elevator manufacturer that integrates research & development, design, manufacture, sales, installation, maintenance, and retro-fitting into one combined solution. Up until today, the company is capable of producing high-speed elevators with a maximum speed of 8m/s. The built units are equipped with the Elevator Group Supervisory Control System which is capable of managing eight units at the same time operating in buildings up to 64 stories. In addition to KOYO's product line, the maximum lifting height of escalators can reach 25 meters, and the maximum length for passenger conveyor products can reach 200 meters. By collaborating with Suzhou University and Shanghai Jiaotong University, KOYO has developed a series of mainboards and control systems of its own. Since 2002, our products are popular in 122 countries such as Germany, France, Italy, USA, Britain etc.

KOYO Elevator was ranked as the National High-tech Entrepreneur due to its heavy investment in R&D and innovative technology. With automated metal-working production equipment and escalator assembly-line assembly equipment plus a mindset of constantly striving for perfection, KOYO has been able to ensure its product quality and performance since day one. All production conforms to the standards of CCC, GB, VDI, EN81, EN115, CE, TUV, IEC, etc. KOYO has also obtained ISO9001:2008 Quality Supervision System Authentication Certificate, ISO14001:2004 Environmental Management System Certificate and OHSAS18001 Occupational Safety Hygiene Management System Certificate issued by the authoritative international certification institutes

Capital invested : 130 million USD

Occupied area : 230,000 square meters

8m/s maximum speed

**64** floors, **8** units group supervisory control system

 ${\sf Maximum}\, {\color{red} 25}{\sf m}\, {\sf height}\, {\sf escalator}$ 

Maximum 200 m length passenger conveyor

Popular in 122 countries





# Innovative technology Drive an intellectual life





Applies to double 32-digit embedded micro-processor to jointly finish the elevator operation functions and motor drive control.



# **Destination floor group-supervision system**

Executes optimized distribution to multiple elevators as per different destination floors. Reducing the parking times and providing passengers with the more prompt and convenient services



# Long-distance Cyber-Physical monitor system

Matches with long-distance monitor Cyber-Physical system. Not only fulfills all-round coverage of monitor and supervision, but also largely enhances the efficiency and quality of after-sale service. And increasing the elevators' safety grade.



# Intellectual identity recognition system

Controls the elevator use through IC card, human-face recognition etc., greatly strengthens the safety of building management, ensuring users satisfaction and security at the best

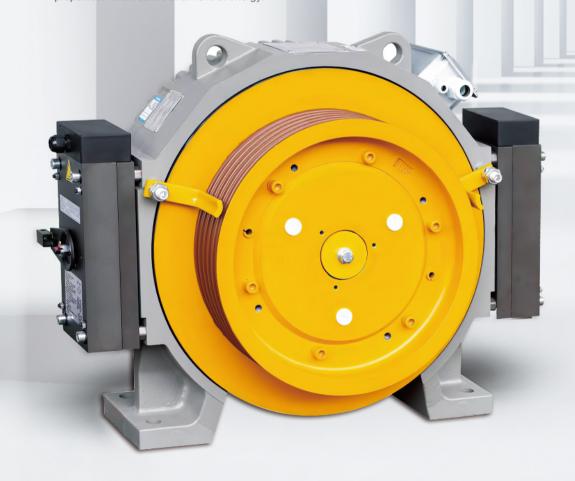


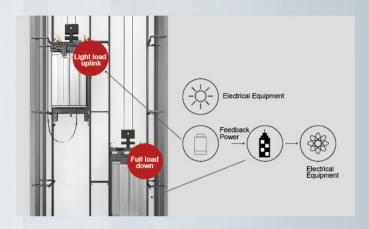
# **Energy saving Enhance green developments**



# **New generation of permanent magnet Synchronous and gear-less traction machine**

KOYO Elevator uses permanent magnet synchronous and gearless traction machine. It features as effective energy-saving, compact structure, advantageous properties. And it saves over 40% of energy.







## **Energy re-generation technology**

Converts potential energy during elevator overload or weight loss to high purity electric energy for the supply of other power equipment to prolong service life of elevators and reduce energy consumption by more than 20%.





## **Group-supervision technology**

The system supports a group of 8 elevators, coordinates the dispatch as per group supervision system with universal management. thus enhances the travel efficiency and reduces the energy consumption.

# Safety and comfort Enjoy the cozy moments



# VVVF variable frequency and variable voltage door machine control system

The system applies AC permanent magnet and VVVF variable frequency door machine control system with free adjustment of opening / closing curve, safe and cozy operation, low noise, stable and reliable properties.



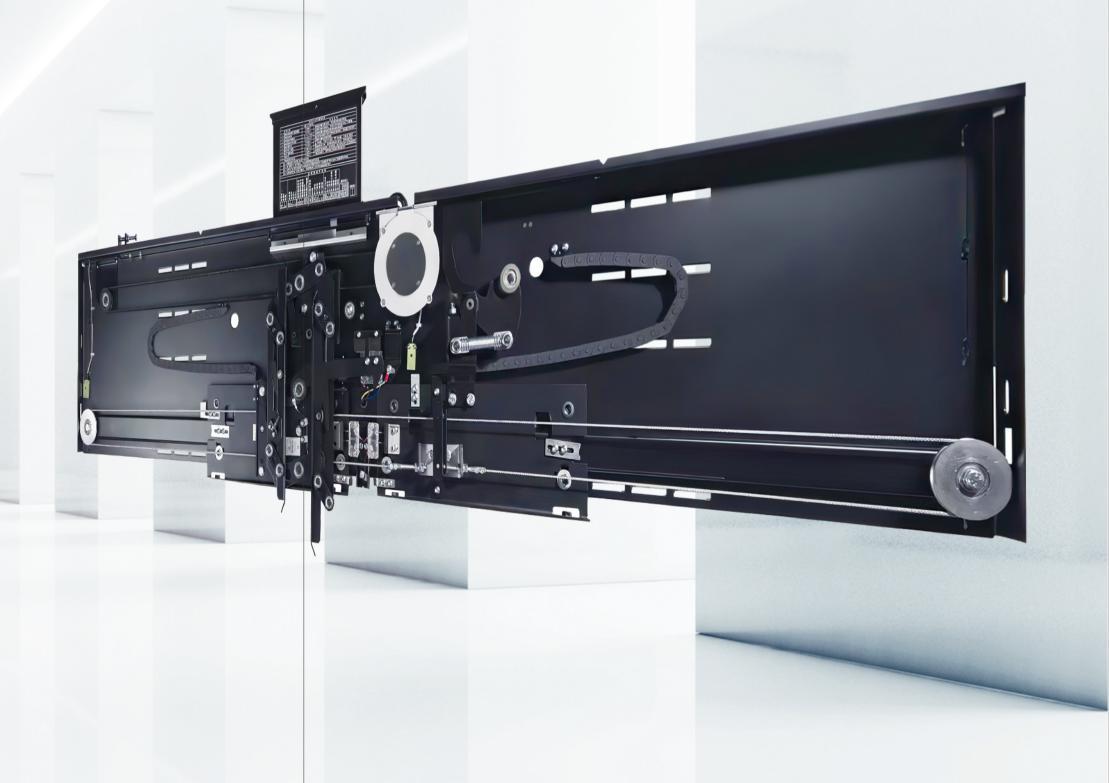
# Infrared ray light-curtain protection system

The system forms an intensive light-curtain protection net in entry / exit of elevators. It can freely monitor any person / object that enters into / exits from the elevator to effectively protect the human safety.



## Accurate position control system

Such system utilizes the advanced sensor to fulfill real-time feedback and disposal of signals. It fulfills no-error leveling effect with sole and reliable car memory technology. It ensures opening in advance and leveling safety after parking.



**Small machine room** 

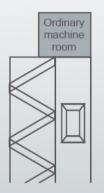
Passenger elevator



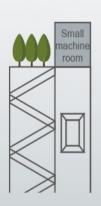
## Saving space and building cost

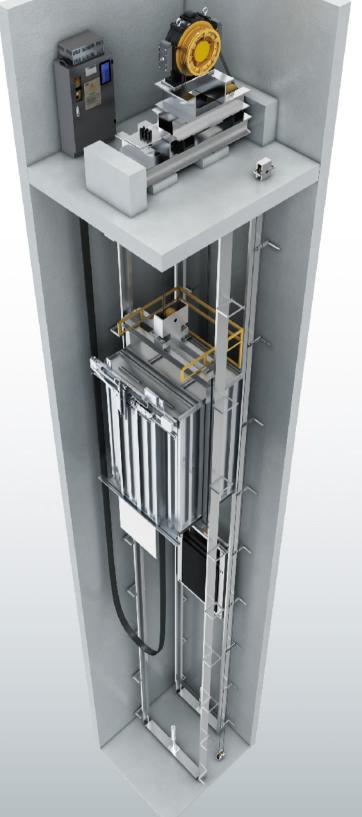
Compared with ordinary machine room, it saves half of the space. It is convenient for construction layout. effectively enhances the utilization rate of the building area.

The minimum requirement for machine room height is 2800mm, not only reduces over 20% of ordinary machine room height but saves the building cost.



Machine room of ordinary elevator





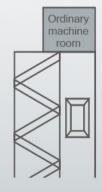
Machine-room-less Passenger elevator



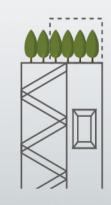
## Optimized design, space-creating

Installing machine room parts in the well. It saves the building space and reduces the construction cost.

Car sound-isolating technology appears cozy and peaceful. Double-layer of car effectively reduces machine noise. brings a more cozy and peaceful travel environment.



Machine room of ordinary elevator



Machine room of machine roomless elevator



## Standard

## Back wall:

Hairline stainless steel

## Side wall:

Hairline stainless steel

## Front wall and header:

Hairline stainless steel

## Skirting:

Hairline stainless steel

## Car door:

Hairline stainless steel

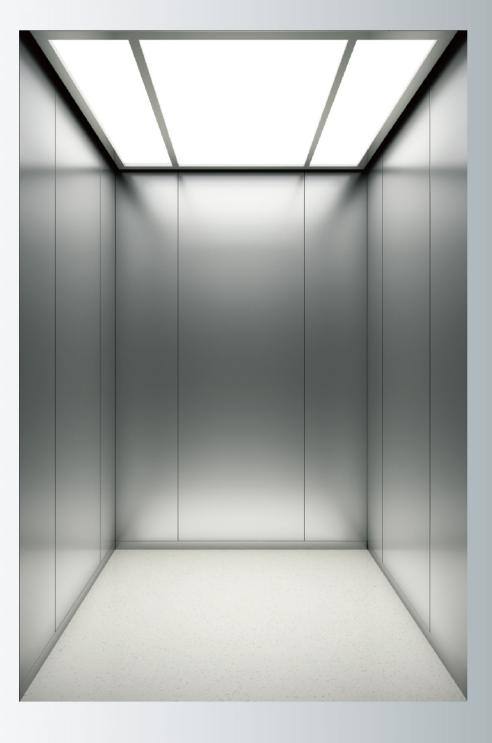
## Ceiling:

KYT-D101, Hairline stainless steel

## Floor:

KYS-S029, PVC floor







## Back wall:

Black glazed glass(LG-008), Hairline stainless steel frame

## Side wall

Wooden steel(CP-005 horizontal stripe)

## Ceiling:

KYT-D125, Mirror stainless steel

## Front wall and header:

Hairline stainless steel

## Car door:

Hairline stainless steel

## Skirting:

Hairline stainless steel

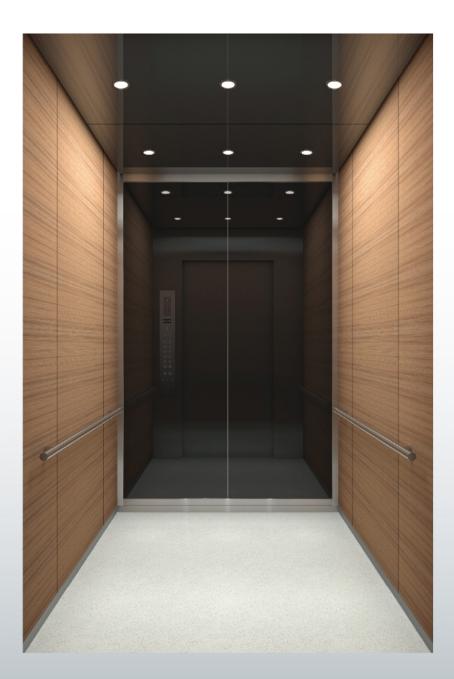
## Floor:

KYS-S029, PVC floor

## Handrail:

KYH-F101, Hairline stainless steel





## Model: KYC-H217

## Back wall:

Embossed stainless steel, Mirror stainless steel insert

## Side wall:

Rose gold hairline stainless steel

## Ceiling:

KYT-D125, Mirror stainless steel

## Front wall and header:

Rose gold hairline stainless steel

## Car door:

Rose gold hairline stainless steel

## Skirting:

Hairline stainless steel

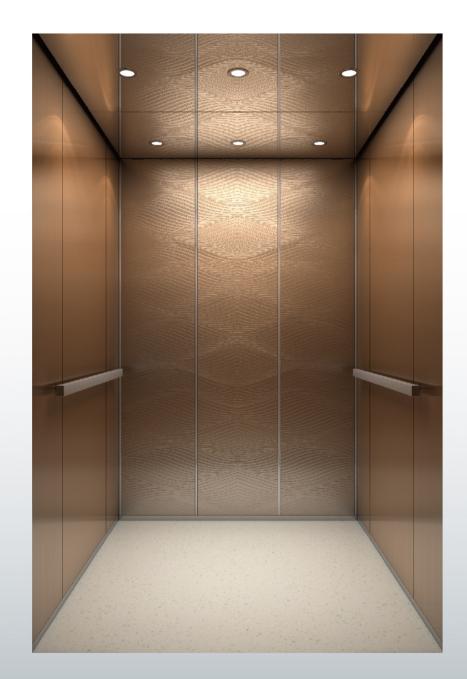
## Floor:

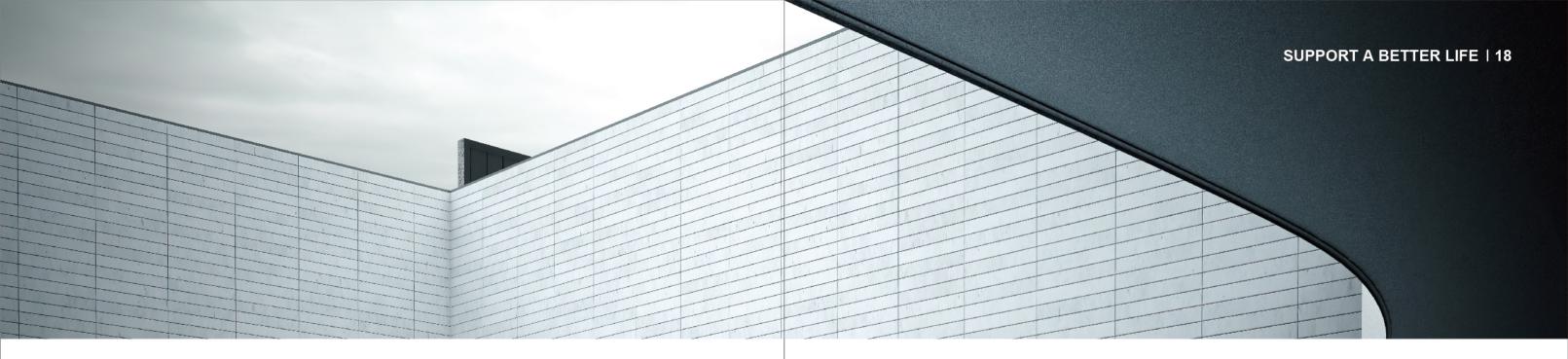
KYS-S029, PVC floor

## Handrail:

KYH-F106, Hairline stainless steel







Back wall:

Mirror stainless steel

Side wall: Hairline stainless steel

Ceiling:

KYT-D124, Hairline stainless steel

Front wall and header:

Hairline stainless steel

Car door:

Hairline stainless steel

Skirting:

Hairline stainless steel

Floor: KYS-S029, PVC floor

Handrail:

KYH-F107, Hairline stainless steel





## Model: KYC-H219

## Back wall:

Painting(Light grey PS-008), Ceremonial mirror(400×1400)mm

## Side wall:

Painting(Light grey PS-008)

## Ceiling:

KYT-D124, Hairline stainless steel

## Front wall and header:

Painted steel plate(PS-008)

## Car door:

Hairline stainless steel

## Skirting: Hairline stainless steel

## Floor:

KYS-S029, PVC floor

## Handrail:

KYH-F101, Hairline stainless steel







## Back wall:

Hairline stainless steel

## Side wall:

Titanium gold stainless steel sandblasting

## Ceiling:

KYT-D126, Hairline stainless steel

## Front wall and header:

Hairline stainless steel

## Car door:

Hairline stainless steel

## Skirting:

Hairline stainless steel

## Floor: KYS-S029, PVC floor Handrail:

KYH-F104, Hairline stainless steel





## Model: KYC-H221

## Back wall:

Titanium gold stainless steel sandblasting

## Side wall:

Hairline stainless steel

## Ceiling:

KYT-D127, Hairline stainless steel

## Front wall and header:

Titanium gold hairline stainless steel

## Car door:

Titanium gold hairline stainless steel

## Skirting:

Hairline stainless steel

## Floor:

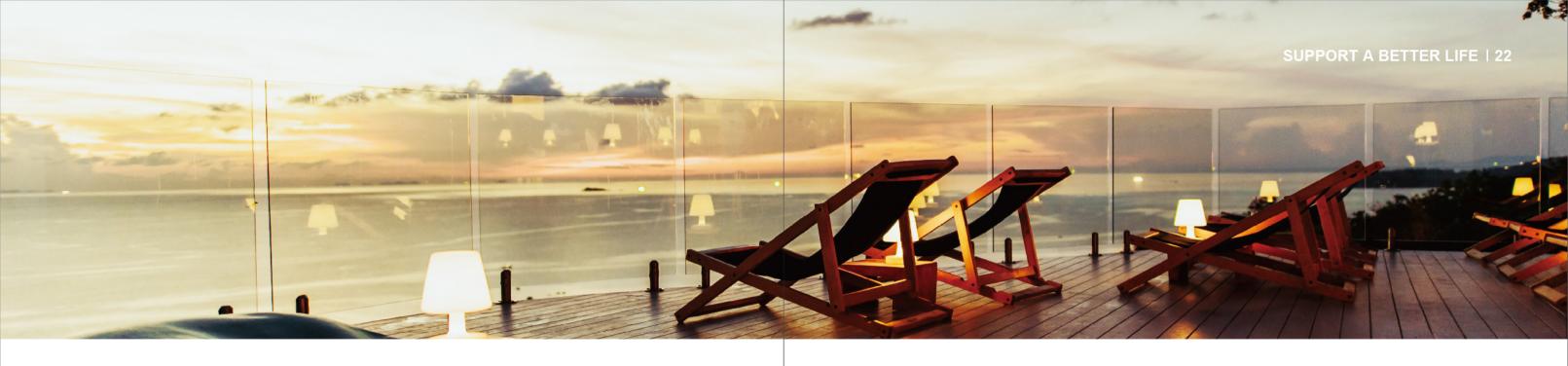
KYS-S029, PVC floor

## Handrail:

KYH-F101, Hairline stainless steel







## Back wall:

Embossed stainless steel, Mirror stainless steel insert

## Side wall:

Titanium gold hairline stainless steel

## Ceiling:

KYT-D124, Hairline stainless steel

## Front wall and header:

Titanium gold hairline stainless steel

## Car door:

Titanium gold hairline stainless steel

## Skirting:

Hairline stainless steel

## Floor:

KYS-S28, PVC floor

## Handrail:

KYH-F106,

Titanium gold hairline stainless steel





## Model: KYC-H223

## Back wall:

Mirror etching stainless steel

## Side wall:

Wooden steel(CP-002)

## Ceiling:

KYT-D124, Hairline stainless steel

## Front wall and header:

Hairline stainless steel

## Car door:

Hairline stainless steel

## Skirting:

Hairline stainless steel

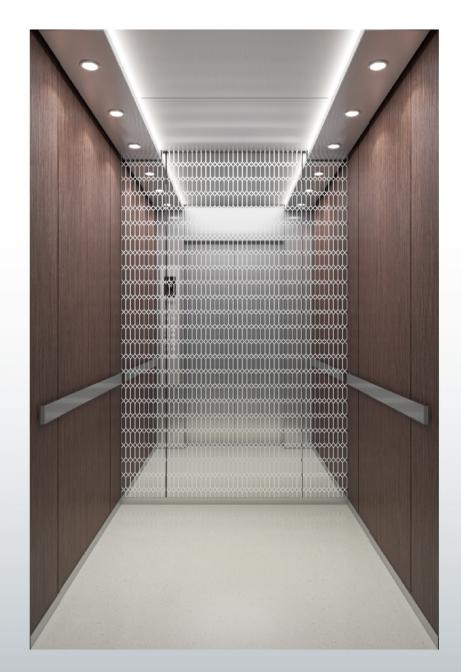
## Floor:

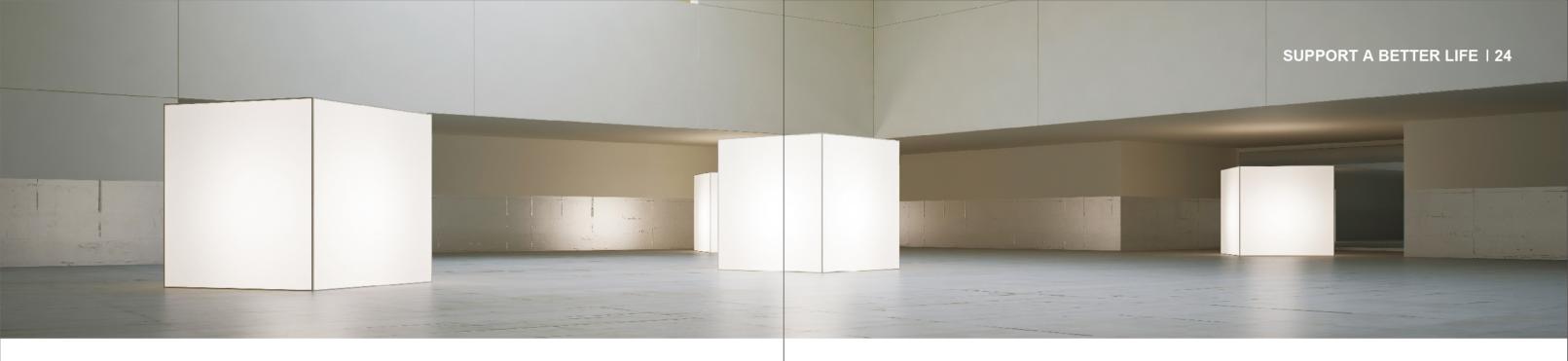
KYS-S029, PVC floor

## Handrail:

KYH-F104, Hairline stainless steel







## Back wall:

Hairline stainless steel, Half height glass mirror

## Side wall:

Glazed glass(Mint LG-003)

## Ceiling

KYT-D124, Hairline stainless steel

## Front wall and header:

Hairline stainless steel

## Car door:

Hairline stainless steel

## Skirting:

Hairline stainless steel

## Floor: KYS-S029, PVC floor Handrail:

KYH-F104, Hairline stainless steel





## Model: KYC-H225

## Back wall:

Hairline stainless steel, Half height glass mirror

## Side wall:

Glazed glass(Cappuccino LG-005)

## Ceiling:

KYT-D125, Hairline stainless steel

## Front wall and header:

Hairline stainless steel

## Car door:

Hairline stainless steel

## Skirting:

Hairline stainless steel

## Floor:

KYS-S029, PVC floor

## Handrail:

KYH-F104, Hairline stainless steel







## Back wall:

Hairline stainless steel, Half height glass mirror

## Side wall:

Glazed glass(Pearl LG-006)

Ceiling: KYT-D102, Hairline stainless steel

## Front wall and header:

Hairline stainless steel

## Car door:

Hairline stainless steel

## Skirting: Hairline stainless steel

## Floor: KYS-S029, PVC floor

## Handrail:

KYH-F104, Hairline stainless steel





## Model: KYC-H227

## Back wall:

Hairline stainless steel, Half height glass mirror

## Side wall:

Glazed glass(Husky LG-004)

## Ceiling:

KYT-D125, Hairline stainless steel

## Front wall and header:

Hairline stainless steel

## Car door:

Hairline stainless steel

## Skirting:

Hairline stainless steel

## Floor:

KYS-S029, PVC floor

## Handrail:

KYH-F104, Hairline stainless steel









## Back wall:

Hairline stainless steel, Mirror etching stripe(KYDM-016-02)

## Side wall:

Hairline stainless steel, Mirror etching stripe(KYDM-016-02)

## Ceiling:

KYT-D124, Hairline stainless steel

## Front wall and header:

Hairline stainless steel

## Car door:

Hairline stainless steel

## Skirting:

Hairline stainless steel

## Floo

KYS-S029, PVC floor



## Model: KYC-H229

## Back wall:

Hairline stainless steel, Mirror etching stripe(KYDM-015-02)

## Side wall:

Hairline stainless steel, Mirror etching stripe(KYDM-015-02)

## Ceiling:

KYT-D124, Hairline stainless steel

## Front wall and header:

Hairline stainless steel

## Car door:

Hairline stainless steel

## Skirting:

Hairline stainless steel

## Floor

KYS-S029, PVC floor







## Model: KYC-H230

## Back wall:

Embossed stainless steel(KYDM-027), Hairline stainless steel

## Side wall

Embossed stainless steel(KYDM-027), Hairline stainless steel

## Ceiling:

KYT-D125, Hairline stainless steel

## Front wall and header:

Hairline stainless steel

## Car door:

Hairline stainless steel

## Skirting:

Hairline stainless steel

## Floor

KYS-S029, PVC floor



## Model: KYC-H231

## Back wall:

Mirror etching stainless steel(KYDM-058), Hairline stainless steel

## Side wall:

Mirror etching stainless steel(KYDM-058), Hairline stainless steel

## Ceiling:

KYT-D125, Hairline stainless steel

## Front wall and header:

Hairline stainless steel

## Car door: Hairline stainless steel

Skirting:

## Hairline stainless steel

Floor: KYS-S029, PVC floor







Back wall:

Hairline stainless steel, Mirror stainless steel

Side wall:

Hairline stainless steel, Mirror stainless steel

Ceiling:

KYT-D124, Hairline stainless steel

Front wall and header:

Hairline stainless steel

Car door:

Hairline stainless steel

Skirting:

Hairline stainless steel

Floor:

KYS-S029, PVC floor



## Model: KYC-H233

Back wall:

Black titanium hairline stainless steel, Black titanium mirror stainless steel

Side wall:

Black titanium hairline stainless steel, Black titanium mirror stainless steel

Ceiling:

KYT-D124, Black titanium hairline stainless steel

Front wall and header:

Black titanium hairline stainless steel

Car door:

Black titanium hairline stainless steel

Skirting:

Black titanium hairline stainless steel

Floor:

KYS-S029, PVC floor







## Model: KYC-H234

Back wall:

Titanium gold hairline stainless steel, Titanium gold mirror stainless steel

Titanium gold hairline stainless steel, Titanium gold mirror stainless steel

Ceiling:

KYT-D125, Titanium gold mirror stainless steel

Front wall and header:

Titanium gold hairline stainless steel

Car door:

Titanium gold hairline stainless steel

Skirting:

Titanium gold hairline stainless steel

Floor:

KYS-S029, PVC floor



## Model: KYC-H235

Back wall:

Side wall:

Rose gold hairline stainless steel, Rose gold mirror stainless steel

Rose gold hairline stainless steel, Rose gold mirror stainless steel

Ceiling:

KYT-D125, Rose gold mirror stainless steel

Front wall and header:

Rose gold hairline stainless steel

Car door:

Rose gold hairline stainless steel **Skirting:** 

Rose gold hairline stainless steel Floor:

KYS-S029, PVC floor







Back wall:

Mirror stainless steel

Side wall:

Wooden steel(CP-015)

Ceiling:

KYT-D124, Hairline stainless steel

Front wall and header:

Hairline stainless steel

Car door:

Hairline stainless steel

Skirting:

Hairline stainless steel

Floor:

KYS-S028, PVC floor



## Model: KYC-H237

Back wall:

Mirror stainless steel

Side wall:

Wooden steel(CP-002)

Ceiling:

KYT-D124, Hairline stainless steel

Front wall and header:

Hairline stainless steel

Car door:

Hairline stainless steel

Skirting:

Hairline stainless steel

Floor:

KYS-S028, PVC floor







## Model: KYC-H238

Back wall:

Mirror stainless steel

Side wall:

Wooden steel(CP-005)

Ceiling:

KYT-D125, Hairline stainless steel

Front wall and header:

Hairline stainless steel

Car door:

Hairline stainless steel

Skirting:

Hairline stainless steel

Floor:

KYS-S028, PVC floor



## Model: KYC-H239

Back wall:

Mirror stainless steel

Side wall:

Wooden steel(CP-006)

Ceiling:

KYT-D125, Hairline stainless steel

Front wall and header:

Hairline stainless steel

Car door: Hairline stainless steel

Skirting:

Hairline stainless steel Floor:

KYS-S028, PVC floor





## Back wall:

Titanium gold mirror etched stainless steel, Titanium gold hairline stainless steel

## Side wall:

Titanium gold mirror etched stainless steel, Titanium gold hairline stainless steel

KYT-D108, Titanium gold mirror stainless steel

## Front wall and header:

Titanium gold hairline stainless steel

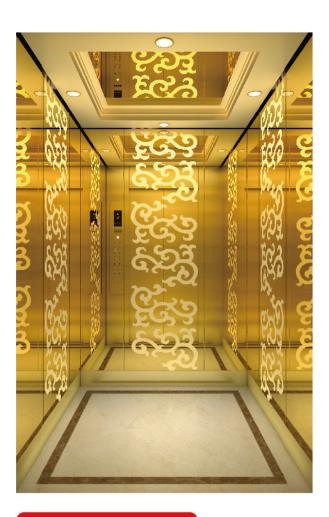
## Car door:

KYD-Z114, Titanium gold mirror etched stainless steel

Titanium gold hairline stainless steel

KYS-S030, PVC floor





## Model: KYC-H241

## Back wall:

Titanium gold mirror stainless steel, Titanium gold mirror etched stainless steel

## Side wall:

Titanium gold mirror stainless steel, Titanium gold mirror etched stainless steel

KYT-D128, Titanium gold stainless steel

## Front wall and header:

Titanium gold mirror stainless steel

## Car door:

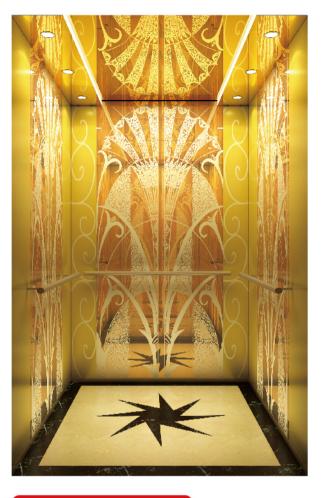
Titanium gold mirror stainless steel

## Skirting:

Titanium gold hairline stainless steel

Floor: KYS-S208, PVC floor





## Model: KYC-H242

## Back wall:

Titanium gold hairline etched stainless steel, Rose gold mirror etched stainless steel

Titanium gold hairline etched stainless steel, Rose gold mirror etched stainless steel

KYT-D124, Titanium gold mirror stainless steel

## Front wall and header:

Titanium gold hairline stainless steel

## Car door:

KYD-Z115, Rose gold mirror etched stainless steel

## Skirting:

Titanium gold hairline stainless steel

## Floor:

KYS-S031, PVC floor

## Handrail:

KYH-F101, Titanium gold hairline stainless steel





## Model: KYC-H243

## Back wall:

Titanium gold mirror etched stainless steel, Titanium gold hairline etched stainless steel

## Side wall:

Titanium gold mirror etched stainless steel

## Ceiling:

KYT-D127, Titanium gold mirror stainless steel

## Front wall and header:

Titanium gold hairline stainless steel

Titanium gold hairline stainless steel

## Car door:

KYD-Z116, Titanium gold mirror etched stainless steel

## Skirting:

Floor:

## KYS-S032, PVC floor Handrail:

KYH-F101, Titanium gold hairline stainless steel





## Back wall:

Titanium gold hairline etched stainless steel, Titanium gold mirror stainless steel

## Side wall:

Titanium gold hairline etched stainless steel, Titanium gold mirror stainless steel

## Ceilina:

KYT-D115, Titanium gold mirror stainless steel

## Front wall and header:

Titanium gold hairline stainless steel

## Car door:

Titanium gold hairline stainless steel

## Skirting:

Titanium gold hairline stainless steel

## Floor:

KYS-S033, PVC floor





## Model: KYC-H245

## Back wall:

Titanium gold hairline stainless steel, Titanium gold mirror etched stainless steel

## Side wall:

Titanium gold hairline stainless steel, Titanium gold mirror etched stainless steel

## Ceilina:

KYT-D115, Titanium gold mirror stainless steel

## Front wall and header:

Titanium gold hairline stainless steel

## Car door:

KYD-Z117, Titanium gold mirror etched stainless steel

## Skirting:

Titanium gold hairline stainless steel

## Floor:

KYS-S034, PVC floor





## Model: KYC-H246

## Back wall:

Titanium gold mirror stainless steel, Titanium gold mirror etched stainless steel

## Side wall:

Titanium gold mirror stainless steel, Titanium gold mirror etched stainless steel

## Ceiling:

KYT-D129, Titanium gold mirror stainless steel

## Front wall and header:

Titanium gold hairline stainless steel

## Car door:

Titanium gold hairline stainless steel

## Skirting:

Titanium gold hairline stainless steel

## Floor

KYS-S032, PVC floor

## landrail:

KYH-F104, Titanium gold hairline stainless steel





## Model: KYC-H247

## Back wall:

Titanium gold hairline stainless steel, Titanium gold mirror etched stainless steel

## Side wall:

Titanium gold hairline stainless steel, Titanium gold mirror etched stainless steel

## Ceiling:

KYT-D129, Titanium gold mirror stainless steel

## Front wall and header:

Titanium gold hairline stainless steel

## Car door: Titanium gold hairline stainless steel

Skirting:

## Titanium gold hairline stainless steel

Floor: KYS-S035, PVC floor

## Handrail

KYH-F101, Titanium gold hairline stainless steel





# Panorama elevator

Technology creates unique beauty. With glass car walls design, One can enjoy the city charms while standing in the cabin.

# Square observation elevator

## Model: KYC-H501

## Standard

## Back wall:

Tempered glass, Hairline stainless steel frame

## Side wall:

Tempered glass, Hairline stainless steel frame

## Front wall and header:

Hairline stainless steel

## Car door:

Hairline stainless steel

## Ceiling:

KYT-D101, Hairline stainless steel

## Handrail:

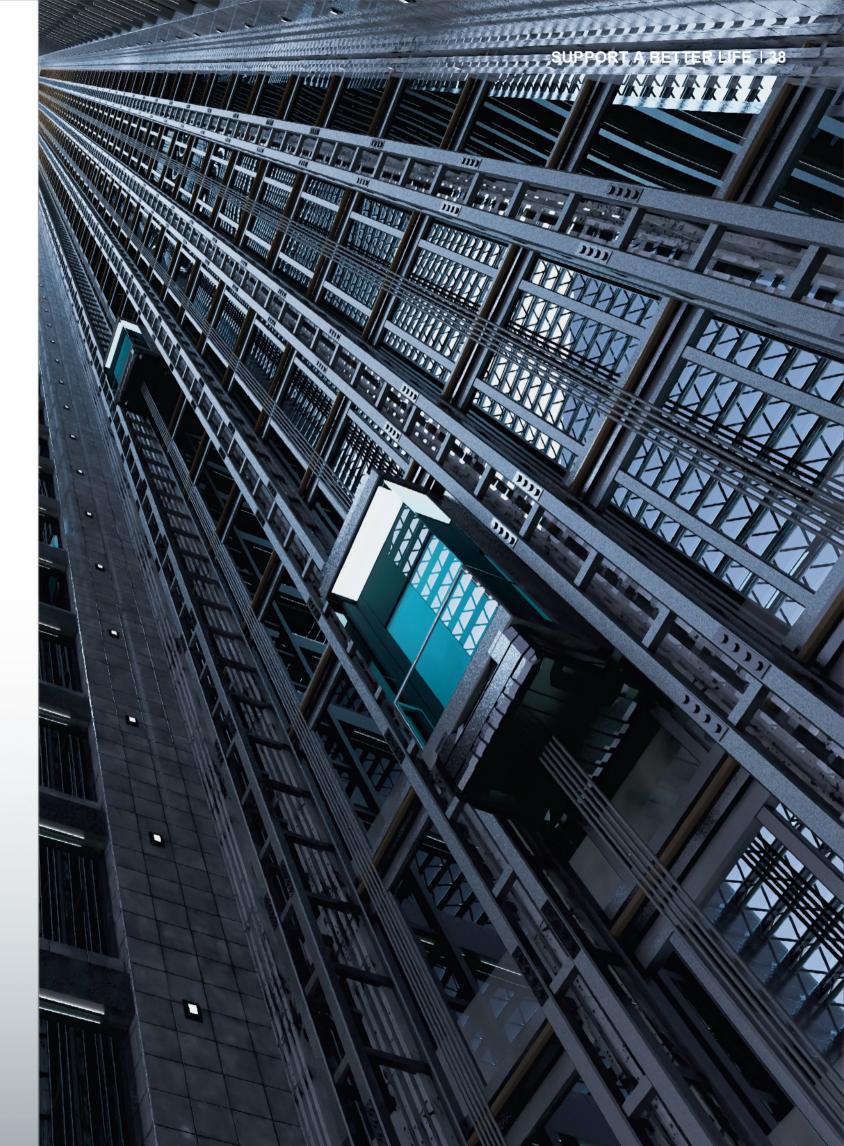
KYH-F101, Stainless steel round tube

## Floor:

KYS-S202, PVC

Note: Hairline stainless steel refers to short-hair hairline stainless steel









Cover:

Hairline stainless steel, Etched pattern

Ceiling:

Hairline stainless steel, White ceiling lamp, LED downlight

Car wall:

Hairline stainless steel

Sightseeing area:

6 + 6 laminated glass 3 pieces

Handrail:

Hairline stainless steel

Floor:

PVC

## Model: KYC521

Cover:

Hairline stainless steel, Decorative light strip

Ceiling:

Hairline stainless steel frame, Acrylic, LED lamp

Car wall:

Hairline stainless steel

Sightseeing area:

6 + 6 laminated glass

Handrail:

Hairline stainless steel

Floor:

PVC





## Model: KYC522

Side wall:

Titanium gold mirror stainless stee, Wood finish

Back wall:

Round laminated tempered glass

Cover:

Titanium gold hairline stainless stee, Organic lamp post

**Ceiling:**Wooden frame, Top gold-foil lamination, LED downlight,
All around return light strip

Handrail:

Titanium gold stainless steel round tube

Floor:

PVC

## Model: KYC523

Cover:

Titanium gold mirror stainless steel, Acrylic

Ceiling:

Titanium gold mirror stainless steel, Top gold-foil lamination, Down lights

Titanium gold mirror stainless steel

Sightseeing area:

6 + 6 laminated glass

Handrail:

Titanium gold stainless steel

Floor:

PVC



# **Hospital elevator**

There is strict requirement for bed elevator because of the special environment in the hospital. Focusing on human-oriented design, KOYO precisely controls elevator traveling speed and attentively makes comfortable space for passengers.

## Model: KYC-H208

## Standard

## Back wall:

Hairline stainless steel

## Side wall:

Hairline stainless steel

## Front wall and header:

Hairline stainless steel

## Car door:

Hairline stainless steel

## Ceiling

KYT-D104, Hairline stainless steel, Acrylic

## Floor:

KYS-S029, PVC

## Optional

## Handrail:

KYH-F105, Hairline stainless steel

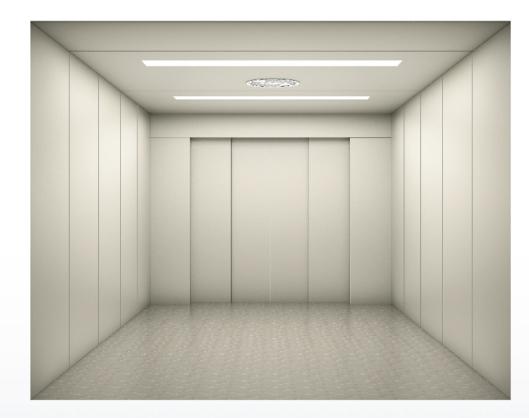
## Operation box for the disabled:

KYCOP121



# **Freight elevator**

KOYO Freight elevator creates new concept of cargo moving, and ensures best loading capacity with wide open space, it is the best choice for factory and warehouse.



## Model: KYC-H401

## **Standard**

Car wall:

Steel plate paint

Car roof:

Steel plate paint, Acrylic, Round fan

Car bottom:

Pattern steel plate paint

Car door:

Steel plate baking paint

Note: Hairline stainless steel refers to short-hair hairline stainless steel

## **Paint color**

PS-001 Standard

PS-002

PS-006



# (3) (1) (2) **9 9** 8 8 LICHT FAN ND

# Car operation panel





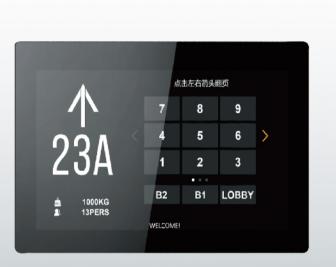
KYIND118DG Standard

Коуо

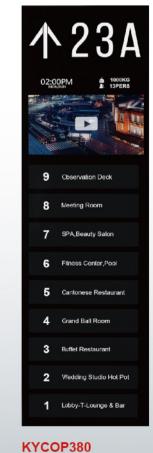








KYCOP185



# **Car operation panel**







.....

1000kg 13 PERS
Proficitly to 10 control (NOYC Bevious Ca. ad.)





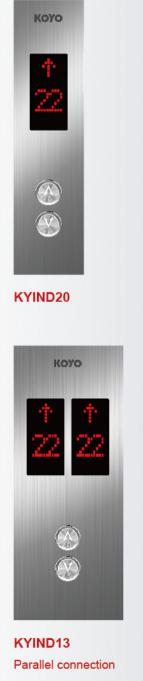
# **Car operation Panel**



KYCOP121









# **Car operation panel**





























# Non-contact outer calling control sensor

New magic of healthy travel

Fully automatic induced switch, wave hand in the air, no touch Effectively avoids bacteria infection

Intellectually enjoy a prompt, healthy and convenient life







# Intellectual air purification and sterilization system

Dual effective sterilization and purification technology Real-time sterilization, air-exchange per 5 minutes Authoritative test certification Intellectual biological identification system



## Non-contact induced press-button

Applies capacitance type non-contact long-distance induction with 10mm effective induced distance.

Prevents finger from touching press button. It thus reduces the risks of disease infection.

It is applicable for intensive passenger areas such as hospital, shopping center, office building etc.





# Elevator Intellectual Advertisement





Long-distance High Definition control resolution ratio



Human-bod

# Mirror display screen intellectual advertisement

Supports news broadcast, building management notice, service advisory, safety knowledge, commercial advertisement etc.

Breaks through the traditional impression of people towards elevator advertisement.

It is not restricted to elevator display screen with media field functions.

It can also provide the public with more and more services.

## SUPPORT A BETTER LIFE | 56



Model: KYM-M103

Car wall width: Full width (Max width 1600)

Display: 24 inches



Model: KYM-M101

Car wall size: 500×1400 Display: 24 inches





Material: Hairline stainless steel



PS-002

PS-006

PS-008

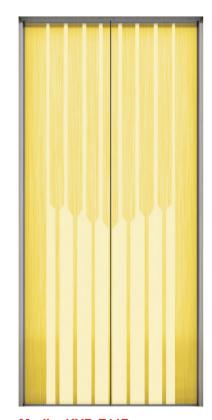
Material: Steel plate painting (PS-001)



Modle: KYD-Z114 Material: Titanium gold mirror etched stainless steel



Modle: KYD-Z119 Material: Mirror etched stainless steel



Modle: KYD-Z117 Material: Titanium gold mirror etched stainless steel





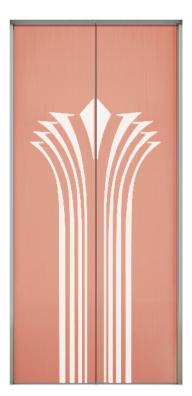


Modle: KYD-Z118 Material: Mirror etched stainless steel



Modle: KYD-Z121 Material:

# **Landing door series**



Modle: KYD-Z122

Material:

Rose gold mirror etched stainless steel



Modle: KYD-Z123

Material:

Titanium gold mirror etched stainless steel



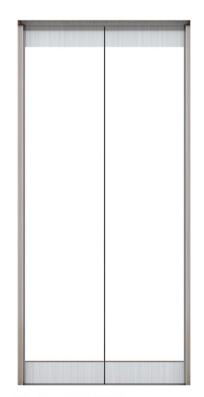
Modle: KYD-Z124

Material:

Rose gold mirror etched stainless steel



Modle: KYD-Z125 Name: Framed glass door



Modle: KYD-Z126

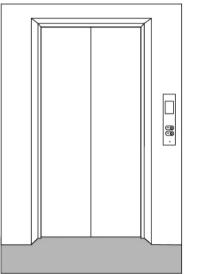
Name: Frameless glass door Both ends: Stainless steel



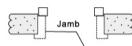
Modle: KYD-Z127

Name: Visual door

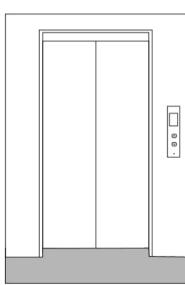
# **Door frame series**



**KYJ-J101** Narrow jamb

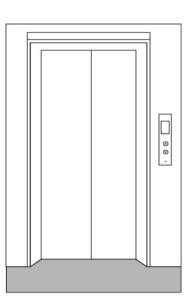


Decoration finish (By others)



**KYJ-J201** Wide jamb



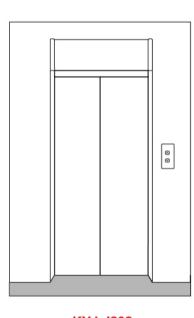


**KYJ-J301** 





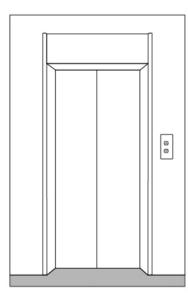




**KYJ-J202** 

Wide jamb with lintel





KYJ-J302

Wide jamb with lintel







# **Ceiling series**



## KYT-D101 Standard

## Explain:

Load range: ≤2000kg Ceiling height: 150mm Safety window: No Frame size: 80mm-300mm



## **KYT-D102**

## Explain:

Load range: ≤2000kg Ceiling height: 150mm Safety window: No Frame size: 80mm-300mm



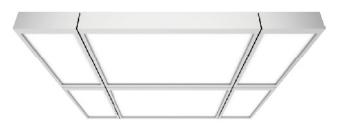
## KYT-D109

## Explain:

Size range: CW≤2300; CD≤2300 Ceiling height: 100mm

Safety window: Yes

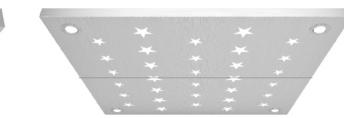
Note: If the car size becomes larger, it will be spliced into two pieces.



## **KYT-D104**

## Explain:

Ceiling height: 150mm Safety window: No Frame size: 80mm-300mm



## KYT-D130

## Explain:

Size range: CW≤2300;CD≤2300 Ceiling height: 100mm

Safety window: Yes



## KYT-D123

## Explain:

Size range: CW≤2300;CD≤2300

Ceiling height: 100mm Safety window: Yes

Note: If the car size becomes larger, it will be spliced into two pieces.



## **KYT-D108**

## Explain:

Load range: ≤2000kg Ceiling height: 150mm Safety window: No

Frame size: 80mm-300mm

## **KYT-D110**

## Explain:

Load range: ≤1000kg Ceiling height: 150mm Safety window: No Frame size: 80mm-300mm



# **Ceiling series**



## KYT-D124

## Explain:

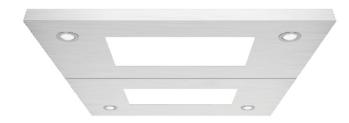
Size range: CW≤2300;CD≤2300 Ceiling height: 100mm Safety window: No



## KYT-D125

## Explain:

Size range: CW≤2300;CD≤2300 Ceiling height: 100mm Safety window: Yes Lamps: 4/6 Pc



## **KYT-D127**

## Explain:

Size range: CW≤2300;CD≤2300 Ceiling height: 120mm

Safety window: Yes

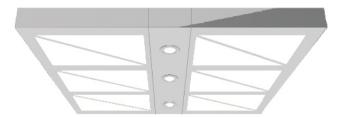
Note: If the car size becomes larger, it will be spliced into two pieces.



## **KYT-D114**

## Explain:

Load range: ≤1000kg Ceiling height: 150mm Safety window: No Frame size: 200mm-300mm



## KYT-D116

## Explain:

Load range: ≤2000kg Ceiling height: 150mm Safety window: No Frame size: 80mm-300mm



## KYT-D126

## Explain:

Load range: ≤2000kg Ceiling height: 150mm Safety window: No



## **KYT-D115**

## Explain:

Load range: ≤2000kg Ceiling height: 150mm Safety window: No Frame size: 80mm-300mm



## **KYT-D128**

## Explain:

Load range: ≤1000kg Ceiling height: 150mm Safety window: No Frame size: 80mm-300mm

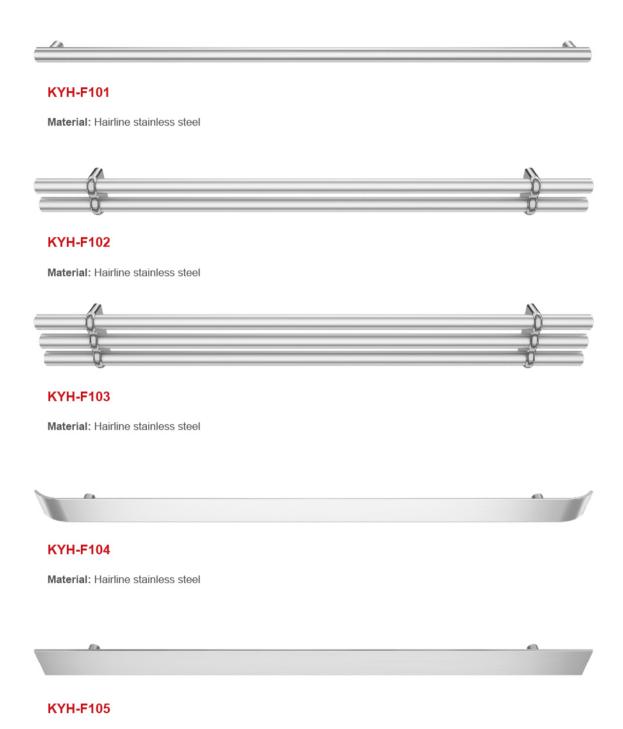
## SUPPORT A BETTER LIFE | 66

# **Handrail series**



## KYH-F108

Material: Hairline stainless steel



Material: Hairline stainless steel

# Floor series



KYS-S029 PVC / Marble



KYS-S31 PVC / Marble



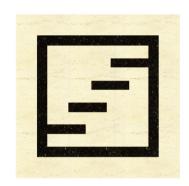
KYS-S32 PVC / Marble



KYS-S33 PVC / Marble



KYS-S34 PVC / Marble



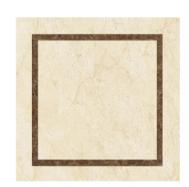
KYS-S35 PVC / Marble



KYS-S28 PVC / Marble



KYS-S030 PVC / Marble



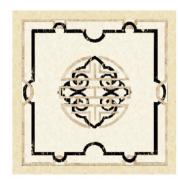
KYS-S208 PVC / Marble



KYS-S201 PVC / Marble



KYS-S202 PVC / Marble



KYS-S203 PVC / Marble



KYS-S204 PVC / Marble



KYS-S205 PVC / Marble



KYS-S206 PVC / Marble



KYS-S207 PVC / Marble

# **Electrical control unit Specification**

## Standard function

No.	Function name	Function description
01	All collective selective control	Under the condition of automatic operation or with attendant, during the running process, at the same time of responding the car command signal, it automatically responds up / down calling press-button signal. Passenger at any floor can register up / down calling signal to call the elevator.
02	Inspection running	It is operation function used in inspection or debugging. If it accords with running condition, press up / down press-button, elevator runs upward / downward at inspection speed. Continuously press the button, elevator keeps running. Release the button, it stops right away.
03	Slow self-rescue running	Under the condition of none inspection and not parking at leveling zone, by this time, as long as it accords with starting safety requirements, elevator slowly and automatically runs to leveling zone, opens and releases the passengers.
04	Test running	Function is designed to test or check new elevator. Set certain parameter of integrated machine to test running, elevator runs automatically. Total times of automatic running and interval per each running go through parameter setting.
05	Clock control	System gets real-time clock inside. When it records any trouble, it can record specific time of each trouble. In addition, please take this clock as criterion for certain functions relating to time control.
06	Station-exchange parking	If continuous opening exceeds set time, and opening limit does not act, then elevator closes. After closing, it automatically runs to adjacent floor and opens.
07	Cancel error command	Passenger presses command button, it responds. It then finds out that it does not accord with actual requirements. After command register, continuously press error command button twice, it cancels the registered signal. It can be done through parameter setting.
08	Automatically cancel the command in reversal operation	When elevator arrives at the furthest landing, it is going to make reversal operation. It then cancels all the previous registers.
09	Full-load by-pass	Under fully automatic conditions, during full load (usually 80% of load rating), elevator does not responds any passing calling signal. It only responds the command signal.
10	Home landing	During fully automatic operation, if it is effective setting of automatic home landing function, and there is no command / calling in elevator group, after time-delay (time can go through parameter setting), it then makes automatic home landing.
11	Automatic stop of car fan and lighting in waiting	Under fully automatic conditions, without elevator command and outer calling register exceeds 3 minutes (3min. is default value, time can go through parameter adjustment), it then automatically stops car fan and lighting. After it receives any command or calling signal, it is re-electrified. It can be used again.
12	Free setting of service floor	Through hand operator, it can freely set any parking landings and none parking landings.
13	Attendant operation	Through toggle switch in operation box, it chooses attendant operation. During attendant operation, elevator has no auto-closing function. Elevator closing is executed under the conditions of continuous pressing of closing button by attendant. Meanwhile, it has attendant directional and press-button by-pass functions.
14	Independent running	Independent running means special-purpose running. By this time, elevator does not accept any calling register. It does not close automatically. Operation modes are similar to that of attendant operation.
15	Emergency return running in fire disaster	If fire disaster takes place, press "fire-disaster return switch", elevator then immediately cancels all commands and callings. It runs to fire-fighting home landing as soon as possible. It then opens and stops.
16	Automatic correction of floor position signal	During systematic running, every terminal switch action point and each-floor leveling switch action point correct the elevators' position signal by the position data got during self-tuning.
17	Elevator locking service	Under the conditions of fully automatic running or attendant operation, after it presses locking switch, it then cancels all calling registers. It only responds to car command till none is left. It then returns to home landing. After automatic opening, it shuts off car fan and lighting. It turns on "opening press-button lamp". After 10 second of time-delay, it stops. After reset of locking switch, it starts normal operation.
18	Over-load protection	When over-load switch acts, it does not close and buzzer rings.
19	Running time limiter	During running process, after it continuously runs the stipulated time made by running time limiter (max. 45 second), if leveling switch does not act, it stops then.
20	Trouble protection of reducing switch	If decelerator switch is invalid, elevator makes emergency parking. It prevents it from rushing to top / bottom.
21	Limiter to running time	Up / down terminal installs terminal decelerator switch and terminal limit switch. It ensures that elevator does not exceeds the stroke.
22	Reducing switch trouble protection	After system gets safety loop trouble signal, it makes emergency stop. It prevents from running after it goes wrong.
23	Over-speed protection	It sets protection when speed is out of control and it might lead to safety problem.
24	Leveling switch trouble protection	It takes safety protection in order to prevent leveling switch from going wrong and causing any abnormal conditions.

## SUPPORT A BETTER LIFE | 70

## Standard function

No.	Function name	Function description
25	Well self-tuning failure diagnosis	As well data is proof of control system in fast running, without correct well data, elevator can not operate normally. Therefore, if well self-tuning does not finish correctly, please set well self-tuning failure diagnosis
26	Protection against broken door-lock in running	If it detects broken door-lock in running, it stops then.
27	Parallel running	After it opens forced closing function, it elevator opens continuously without closing signal because of light-curtain action or other reasons, it then makes forced closing and sends out forced closing signal.
28	Forced closing	After it opens forced closing function, it elevator opens continuously without closing signal because of light-curtain action or other reasons, it then makes forced closing and sends out forced closing signal.
29	Home-landing opening waiting function	Select the elevator through parameter in home landing, open the door and wait for elevator

## **Optional function**

No.	Function name	Function description
01	Opening in advance	After such optional function is selected, during leveling process each time, when it arrives at "opening zone in advance", it immediately opens in advance. It thus enhances the elevators' running efficiency.
02	Opening re-leveling	If elevator is in high floor, because of wire rope expansion, when passengers enter into / exit from the car, car moves upward / downward. It leads to incorrect leveling. After system detects it, it opens and makes slow leveling.
03	Fireman operation	If fire disaster takes place, press "fireman operation switch", elevator immediately cancels all commands and callings. It turns to fire-fighting home landing. It then enters into fireman operation mode.
04	Group-supervision running	Through group supervision, controller coordinates with various landing calling functions, it thus enhances the running efficiency. It offers peak-hour services, scattered waiting functions etc. System maximumly fulfills group supervision of 8 elevators.
05	Residence (or building) monitor	Through CAN communication line, control system connects with PC machine in monitor room. It can monitor elevator floor position, running direction, trouble conditions etc. in PC machine.
06	Earthquake running function	After it matches with earthquake operation function, if earthquake takes place and earthquake detector acts, it gets a contactor signal to input in control system. Control system controls the elevator to make nearby parking. It then opens and releases the passengers.
07	Car arrival gong	During elevators' deceleration leveling process, up / down arrival gong rings in car top / bottom. It reminds the car passengers and waiting ones that it is making leveling. It arrives soon.
08	Hoist-way arrival pre-announcer lamp	After the optional function is selected, hall in each floor installs up / down arrival pre-announcer lamps. It tells the passengers that elevator arrival soon. Meanwhile, it pre-announces the running directions too.
09	Hoist-way arrival gong	After the optional function is selected, hall in each floor installs up / down arrival gongs. It tells the passengers that it arrives soon.
10	Front-and-aft door independent control	Passengers can independently operate front / rear door as per requirements with respective opening / closing.
11	VIP floor service	Provides VIP passengers with a special function. Therefore VIP passengers can arrival at destination floor as soon as possible.
12	Emergency leveling upon power failure	Because of power failure, running car is not in door zone. It traps the passengers. Power-failure emergency leveling device starts immediately. It drives the elevator to slowly run to door zone. It opens and releases the passengers.
13	Switch control service floor change-over	Converts the elevator service floor through car switch.
15	Voice announcer function	When system matches with voice arrival function, during every leveling process, voice announcer reports the arriving floor. Before each closing, announcer will pre-announce the running directions etc.
16	Weighing compensation	Detects car load data as per weighing device. It gives starting load compensation value. It also improves the cozy start.
17	Opening keeping press-button operation function	Through opening keeping press-button, it offers time-delay closing.
18	Car IC card floor service control	When it matches with such function, car operation box gets a card-reader. Passengers shall take card in order to register the authorized command.
19	Hoist-way IC card calling service control	When it matches with such function, car operation box gets a card-reader. Passengers shall take card in order to register the floors' calling signal.

Note: Above functional information is not lawful. It is not lawful proof for claim. Users shall be liable and responsible to make sure if the chosen products satisfy the application demands or not. Out of technical progress requirements, we always keep the right to revise any information. As long as catalogue sample-books are issued, it is invalid for previous product manuals.

# **Spec sheet**

## Machine room passenger elevator

Load (kg)	Persons	Rated speed (m/s)	Top floor height OH(mm)	Pit depth Pit(mm)	Opening size OPxOPH(mm)	Car size CWxCDxCH(mm)	Shaft size HWxHD(mm)	Top floor height OH(mm) No standard	Pit depth Pit(mm) No standard	Lifting height (m)
450	6	1	4200	1300	Center openning 750x2100	1350x900x2300	1800x1550	3700	900	TR≤45
		1	4200	1300				3700	900	TR≤45
630	8	1.5	4300	1500	Center openning 800x2100	1400x1100x2300	1850x1750	3800	1000	25≤TR≤65
		1.75	4400	1600	- 000X2100			3900	1100	35≤TR≤80
		1	4200	1300			1850x2000	3700	900	TR≤45
800	10	1.5	4300	1500	Center openning	1400x1350x2300	1850x2000	3800	1000	25≤TR≤65
000	10	1.75	4400	1600	800x2100	1400x1330x2300	1850x2000	3900	1100	35≤TR≤80
		2	4500	1700			1900x2050	4000	1300	40≤TR≤90
		1	4200	1300			2050x2050	3700	900	TR≤45
		1.5	4300	1500	Center openning 900x2100	1600x1400x2300	2050x2050	3800	1000	25≤TR≤65
1000	13	1.75	4400	1600			2050x2050	3900	1100	35≤TR≤80
		2	4500	1700			2100x2100	4000	1300	40≤TR≤90
		2.5	4700	1900			2100x2100	4200	1500	55≤TR≤100
		1	4200	1300	Center openning 900x2100		2250x2050	3700	900	TR≤45
		1.5	4300	1500			2250x2050	3800	1000	25≤TR≤65
1150	15	1.75	4400	1600		1800x1400x2300	2250x2050	3900	1100	35≤TR≤80
		2	4500	1700			2300x2100	4000	1300	40≤TR≤90
		2.5	4700	1900			2300x2100	4200	1500	55≤TR≤100
		1	4200	1300			2450x2050	3700	900	TR≤45
		1.5	4300	1500	Center openning		2450x2050	3800	1000	25≤TR≤65
1250	16	1.75	4400	1600	1000x2100	2000x1400x2300	2450x2050	3900	1100	35≤TR≤80
		2	4500	1700	1000/2100		2500x2100	4000	1300	40≤TR≤90
		2.5	4700	1900			2500x2100	4200	1500	55≤TR≤100
		1	4200	1300			2450x2150	3700	900	TR≤45
		1.5	4300	1500	Center openning		2450x2150	3800	1000	25≤TR≤65
1350	18	1.75	4400	1600	1000x2100	2000x1500x2300	2450x2150	3900	1100	35≤TR≤80
		2	4500	1700			2500x2200	4000	1300	40≤TR≤90
		2.5	4700	1900			2500x2200	4200	1500	55≤TR≤100
		1	4200	1300			2550x2250	3700	900	TR≤45
		1.5	4300	1500	Center openning		2550x2250	3800	1000	25≤TR≤65
1600	21	1.75	4400	1600	1100x2100	2100x1600x2300	2550x2250	3900	1100	35≤TR≤80
		2	4500	1700			2600x2300	4000	1300	40≤TR≤90
		2.5	4700	1900			2600x2300	4200	1500	55≤TR≤100







## Machine roomless passenger elevator

Load (kg)	Persons	Rated speed (m/s)	Top floor height OH(mm)	Pit depth Pit(mm)	Opening size OPxOPH(mm)	Car size CWxCDxCH(mm)	Shaft size HWxHD(mm)	Top floor height OH(mm) No standard	Pit depth Pit(mm) No standard	Lifting height (m)
		1	4000	1250				3650	950	TR≤45
450	6	1	4150	1300	Center openning 700x2100	1200x1000x2300	17E0v1400	3800	1050	TR≤65
450	6	1.5	4200	1300	700X2100	1200X1000X2300	1750x1400	3850	1050	TR≤70
		1.75	4250	1350				3900	1100	TR≤80
		1	4000	1250				3650	950	TR≤45
630	8	1	4150	1300	Center openning 800x2100	1400x1100x2300	1950x1500	3800	1050	TR≤65
030	0	1.5	4200	1300	80002100	1400x1100x2300	1930X1300	3850	1050	TR≤70
		1.75	4250	1350				3900	1100	TR≤80
		1	4000	1250				3650	900	TR≤45
		1	4150	1300	Center openning			3800	1000	TR≤65
800	10	1.5	4200	1300	800x2100	1400x1350x2300	1950x1700	3850	1000	TR≤70
		1.75	4250	1350				3900	1100	TR≤80
		2	4500	1500				_	_	TR≤90
		1	4000	1250				3650	900	TR≤45
		1	4150	1300	Center openning	1600x1400x2300 2150x1750	3800	1000	TR≤65	
1000	13	1.5	4200	1300	900x2100		2150x1750	3850	1000	TR≤70
		1.75	4250	1350				3900	1100	TR≤80
		2	4500	1500				_	_	TR≤90
		1	4000	1250				3650	950	TR≤45
4450	45	1	4150	1300	Center openning 1000x2100	1800x1400x2300	2400-4750	3800	1050	TR≤65
1150	15	1.5	4200	1300			2400x1750	3850	1050	TR≤70
		1.75	4250	1350				3900	1100	TR≤80
		1	4000	1250				3650	950	TR≤45
4050	40	1	4150	1300	Center openning	4050-4450-2200	2550-4000	3800	1050	TR≤65
1250	16	1.5	4200	1300	1000x2100	1950x1450x2300	2550x1800	3850	1050	TR≤70
		1.75	4250	1350				3900	1100	TR≤80
		1	4000	1250				3650	950	TR≤45
4050	40	1	4150	1300	Center openning	4050 4550 0000	0000-4000	3800	1050	TR≤65
1350	18	1.5	4200	1300	1000x2100	1950x1550x2300	2600x1900	3850	1050	TR≤70
		1.75	4250	1350				3900	1100	TR≤80
		1	4000	1250				3650	950	TR≤45
		1	4150	1300	Center openning			3800	1050	TR≤65
1600	21	1.5	4200	1300	1100x2100	1950x1750x2300	2600x2100	3850	1050	TR≤70
		1.75	4250	1350				3900	1100	TR≤80
		1	4200	1350				3900	1350	TR≤45
2200		1	4350	1450	Center openning			4050	1450	TR≤65
2000	26	1.5	4400	1450	1200x2100	2100x1900x2300	2900x2250	4100	1450	TR≤70
		1.75	4500	1500				4200	1500	TR≤80

# **Spec sheet**

## High speed passenger elevator

Load (kg)	Persons	Rated speed (m/s)	Top floor height OH(mm)	Pit depth Pit(mm)	Opening size OPxOPH(mm)	Car size CWxCDxCH(mm)	Shaft size HWxHD(mm)	Lifting height (m)
		3	5500		900x2100			TR≤135
1000	13	3.5	5600	3000		1600x1400x2500	2300x2200	TR≤155
		4	5800		000X2100			TR≤180
		3	5500			1800x1400x2500		TR≤135
1150	15	3.5	5600	3000	Center openning 1000x2100		2500x2200	TR≤155
		4	5800					TR≤180
		3	5500	3000	Center openning 1000x2100	1950x1450x2500	2650x2250	TR≤135
1250	16	3.5	5600					TR≤155
		4	5800					TR≤180
		3	5500			1950x1550x2500	2650x2350	TR≤135
1350	18	3.5	5600	3000	Center openning 1000x2100			TR≤155
		4	5800					TR≤180
		3	5500					TR≤135
1600	21	3.5	5600	3000	Center openning 1100x2100	1950x1750x2500	2650x2550	TR≤155
		4	5800					TR≤180
		3	5500		Center openning			TR≤135
2000	26	3.5	5600	3000	1200x2100	2100x2000x2500	2800x2800	TR≤155
		4	5800					TR≤180

## Machine room bed elevator

Load (kg)	Persons	Rated speed (m/s)	Top floor height OH(mm)	Pit depth Pit(mm)	Opening size OPxOPH(mm)	Car size CWxCDxCH(mm)	Shaft size HWxHD(mm)	Top floor height OH(mm) No standard	Pit depth Pit(mm) No standard	Lifting height (m)
		1	4200	1300				3700	900	TR≤45
		1.5	4300	1500	Center openning 1000x2100	1300x2300x2300	2200x2700	3800	1000	25≤TR≤65
1350	18	1.75	4400	1600				3900	1100	35≤TR≤80
		2	4500	1700				4000	1300	40≤TR≤90
		2.5	4700	1900				4200	1500	55≤TR≤100
		1	4200	1300			2400x2800	3700	900	TR≤45
		1.5	4300	1500			2400x2800	3800	1000	25≤TR≤65
1600	21	1.75	4400	1600	Center openning	1400x2400x2300	2400x2800	3900	1100	35≤TR≤80
		2	4500	1700	1100x2100		2450x2850	4000	1300	40≤TR≤90
		2.5	4700	1900			2450x2850	4200	1500	55≤TR≤100

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## Machine roomless bed elevator

Load (kg)	Persons	Rated speed (m/s)	Top floor height OH(mm)	Pit depth Pit(mm)	Opening size OPxOPH(mm)	Car size CWxCDxCH(mm)	Shaft size HWxHD(mm)	Top floor height OH(mm) No standard	Pit depth Pit(mm) No standard	Lifting height (m)
		1	4150	1300		1300003300003300	2200x2700	3500	900	TR≤45
4050	40	1.5	4350	1500	Center openning 1000x2100			3700	1000	25≤TR≤65
1350	18	1.75	4450	1600				3800	1100	35≤TR≤80
		2	4650	1800				4100	1300	40≤TR≤90
		1	4150	1300			2400x2800	3500	900	TR≤45
1600	21	1.5	4350	1500	Center openning	1400x2400x2300		3700	1000	25≤TR≤65
1000	21	1.75	4450	1600	1100x2100	14008240082300		3800	1100	35≤TR≤80
		2	4650	1800				4100	1300	40≤TR≤90

## Machine room freight elevator

Load (kg)	Door openning	Rated speed (m/s)	Top floor height OH(mm)	Pit depth Pit(mm)	Opening size OPxOPH(mm)	Car size CWxCDxCH(mm)	Shaft size HWxHD(mm)	Lifting height (m)
2000	2000 Center openning double folded	0.5	4400	1500	4500 0400	1000 0100 0000	2900x2600	TR≤45
2000		1	4400	1500	1500x2100	1900x2100x2200		TR≤45
	Center openning	0.5	4500	1500				TR≤45
3000	double folded	1	4500	1500	1700x2100	2200x2500x2200	3200x3000	TR≤45
4000	Center openning double folded	0.5	4700	1600	2000x2100	2400x3000x2200	3600x3500	TR≤45
5000	Center openning double folded	0.5	4700	1600	2000x2100	2500x3500x2200	3700x4000	TR≤45

## Machine roomless freight elevator

Load (kg)	Door openning	Rated speed (m/s)	Top floor height OH(mm)	Pit depth Pit(mm)	Opening size OPxOPH(mm)	Car size CWxCDxCH(mm)	Shaft size HWxHD(mm)	Lifting height (m)
2000	Center openning	0.5	4600	1600	1500x2100	1900x2100x2200	3100x2600	TR≤45
2000	double folded	1	4600	1600				TR≤45
2000	3000 Center openning double folded	0.5	4800	1600	1700 0400		0.400.0000	TR≤45
3000		1	4800	1600	1700x2100	2200x2500x2200	3400x3000	TR≤45