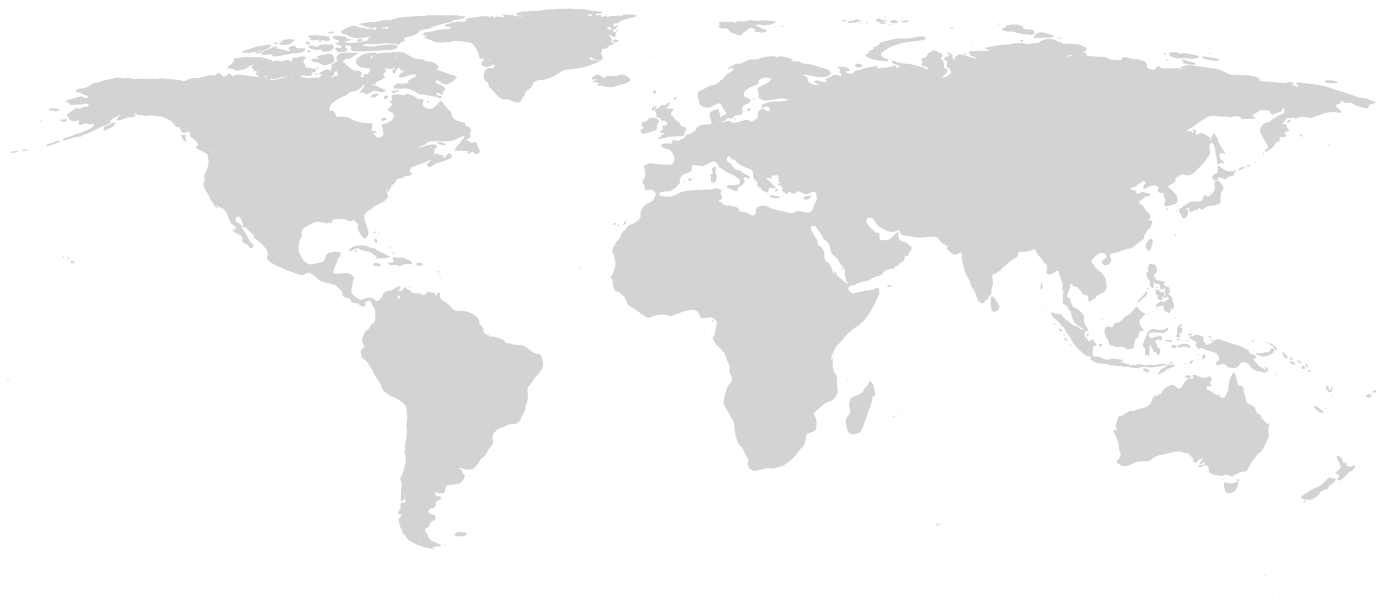


Local agent contact information



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Feb 2017 version

Sino-Us Joint Venture



# VILLA ELEVATOR

SCHUMACHER  
ELEVATOR (ZHANGJIAGANG) CO.,LTD.

# About Schumacher

## Schumacher USA

Schumacher elevator headquarters in American central Iowa, the company now has used in hydraulic elevator mezzanine and a complete production line of high-rise building elevator and escalator, is one of the most important, USA in high-rise building elevator supplier, in the national market share of more than 20%, at present Schumacher in North America, Europe and Asia has a production base.



Head office-Schumacher USA

Schumacher USA has been committed to research and development, have three research and development centers over the world, listed below:

Denver, USA - built a worldwide ultra high speed elevator tower experiment, by vibration, noise, pressure, etc. of tests to ensure the safety of ultra high-speed equipment and related parts.

Stuttgart, German - has a global pool of experts.

China - have academicians and experts workstations, postdoctoral, graduate students workstations, is one of the national drafting unit of elevator standard.



Founder William and Bertha Schumacher



Elmer and Earl Schumacher



Current CEO Marvin Schumacher

## Schumacher China

Schumacher Elevator (Zhangjiagang) Co., Ltd. was established in 1992, belonged to Changjiang Runfa Group, professional manufacturer of elevators, escalators, moving walkways. In December 2002, Runfa group signed a joint venture agreement with Schumacher Elevator company, a nearly century-old elevator manufacturer in USA, Schumacher USA use of advanced elevator production technology, the performance of the products reach the world advanced level, the products are exported to more than 40 countries and areas, such as United States, Australia and so on.

The company now covers an area of 300 acres, plant area of over 100,000 square meters, more than 400 employees, with American engineers as technical director, with annual production capacity of 50,000 sets elevators and escalators. We use Schumacher USA's advanced management system, and apply on-site "6S" management model.



Signed into a joint venture

# Schumacher History

1. In 1936 the design and manufacture of elevator
2. In 1948 to become the main supplier America heavy industrial elevator and elevator parts
3. In 1960 the design and production of the lifting platform cab and power device
4. In 1970 to expand production lines, as America commercial building, hospital, hotel and apartment building large supply of elevator and started the production and installation of high speed elevator.
5. In 1980 the microprocessor control unit to control the elevator
6. Founded in Austria in 1987 the European production base
7. In 1990 launched the home elevator and large public traffic type escalator
8. In 1996 the establishment of the Mexico production base
9. Changjiang Runfa group co founded in 2002 and China production base
10. In 2006 China factory output 3000, global output 20000
11. In 2010 China factory output 5000, global output 30000
12. In 2012 the capital of \$16800000
13. In 2013 China factory output 7000, global output 40000
14. In 2014 China factory output 10000, global output 48000
15. Replenishment of 49.8 million dollars
16. In 2017, Start to rebuild 108 meter test tower
17. In 2018, start to build Anhui new plant



Anhui new plant

Anhui Schumacher Elevator Co., Ltd. covers an area of 100 acres and a total investment of 200 million RMB, of which 150 million RMB investment in fixed assets, the project total construction area of 43,661 square meters, of which nearly 32,000 square meters standardized plant, R & D building nearly 10,000 square meters, lift test tower traveling height of 88 meters (to test ultra-high-speed elevators).



Schumacher china



## Production Device

Schumacher has the advanced production equipment, and fully ensure the product quality and reliability of products. Meanwhile, the company also actively introduces implementation lean production and other advanced production management methods. We are ready to work with our customer joint effort, and create a better tomorrow.



Workshop





## One elevator that only belongs to you

Each set of home lift comes from American focus and exquisiteness, deep customization technology, tailor your smart elevator with the perfect solution in millimeters, bring you different ride comfort and visual experience, enjoy the feeling of home.



## All for the safety

Choosing one set of home lift, we must consider not only the current use, but also the elevator can operatesafely and smoothly after 15 years,20years,30 years or more.

Schumacher always insists on using traction type elevator, applies modularand integrated means,try to make structure simpler and smarter, make installation more convenient and time-saving, make after-saleservice more convenient and efficient

### American top core technology

Permanent magnet synchronous gearless traction machine



32-bit dual CPU control system



Bi-directional speed governor, safety gear



Testing data

200  
thousands  
times

200 thousand  
stable operation

260  
thousands  
meters

260 thousand meters  
running distance

15  
years

at least 15 years  
service life

To ensure the safety, each set of elevator is with 15 sets mechanical protection, 25 sets electrical protection system

## Now, enjoy your zero obstacle, zero floor lift

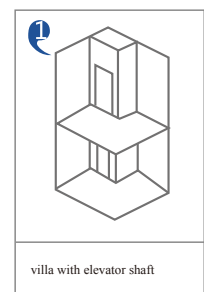

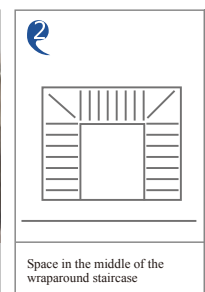

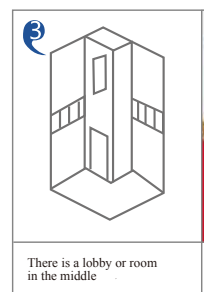

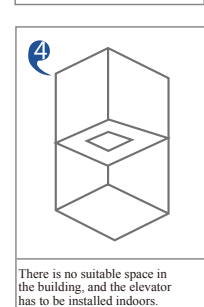

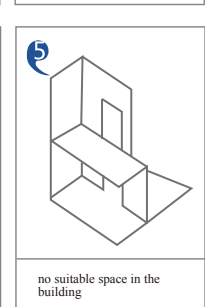

### Schumacher two product serial

T-Intelligent lift and H-Intelligent lift

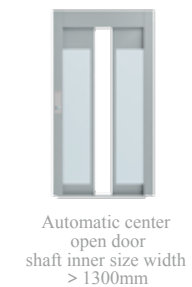
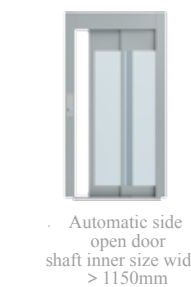
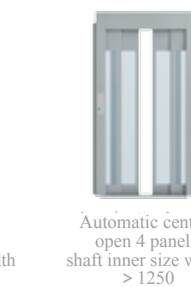
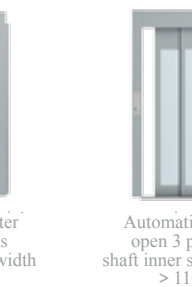
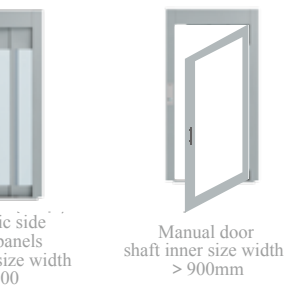
# Craftsmanship with high technology

Schumacher provides all kinds of elevators which are very easy to install, so we design the exclusive shaft components and installation way, born for space Minimum reserved space 1200\*1000mm, minimum shaft inner size 1000\*1000mm



 <p>1 villa with elevator shaft</p>	 <p>The elevator is directly installed in the existing elevator shaft</p>	 <p>2 Space in the middle of the wraparound staircase</p>	 <p>Install elevator shaft in the middle of the stairs</p>	 <p>3 There is a lobby or room in the middle</p>	 <p>Install elevator shaft in the hall or room</p>
 <p>4 There is no suitable space in the building, and the elevator has to be installed indoors.</p>	 <p>Open a suitable hole in the floor, install the shaft and elevator</p>	 <p>5 no suitable space in the building</p>	 <p>Installing the elevator in an outdoor shaft</p>	<p>Location 2-3-4-5 need to install elevator shaft, clients can build steel structure shaft or use concreteto build shaft according to their preferences, or choose Schumacher high-quality,high-intensity, anticorrosion aluminum frame shaft</p>	

Schumacher provide many kinds of opening ways according to shaft size and clients' preference

 <p>Automatic center open door shaft inner size width &gt; 1300mm</p>	 <p>Automatic side open door shaft inner size width &gt; 1150mm</p>	 <p>Automatic center open 4 panels shaft inner size width &gt; 1250</p>	 <p>Automatic side open 3 panels shaft inner size width &gt; 1100</p>	 <p>Manual door shaft inner size width &gt; 900mm</p>
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Five-star safety, with elevator

- Never worry about power failure**

Schumacher provide Automatic Rescue Device (ARD) for each elevator, stay away from power outages, operate automatically, leveling on the nearest floor, guarantee use of elevator safely
- Instant messaging, contact anyone via the phone inside the cabin**

Schumacher provide cabin phone for each elevator, just set the phone function, then you can answer any call in cabin
- Remote monitoring, understand the operating status of the elevator instantly and master the safety of the elevator**

Schumacher provide remote real-time monitoring elevator operation plan, which can collect, diagnosis, send operation data automatically to user, maintenance staff, Schumacher data center(optional)
- Bi-directional speed limit, never worry all the time**

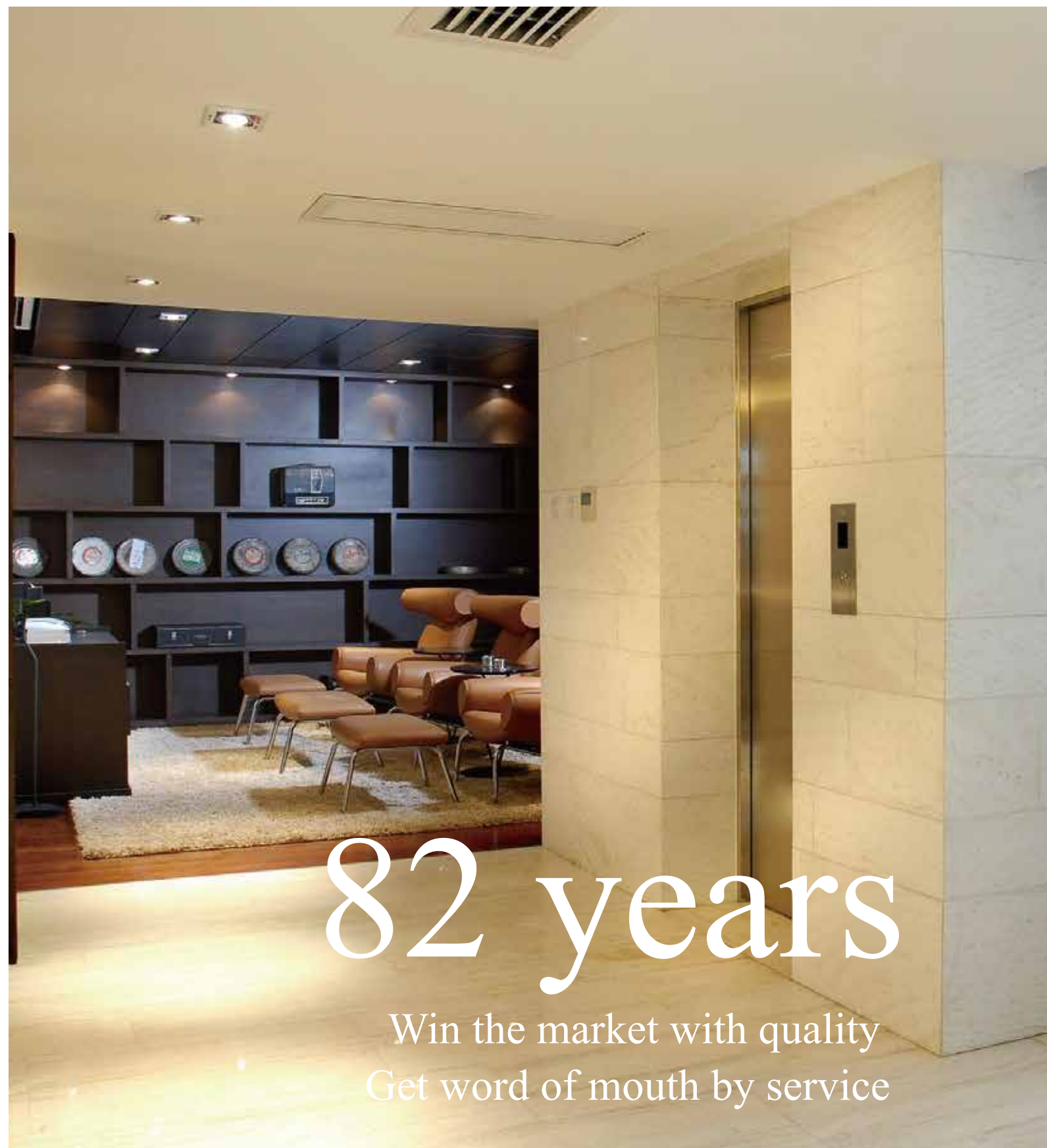
Bi-directional protection, avoid overspeed and tenesmus



## Elevator function

- |   |   |
|---|---|
| <input type="checkbox"/> Full collective operation                  | <input type="checkbox"/> CAN communication fault protection     |
| <input type="checkbox"/> Closed door blocked automatically return   | <input type="checkbox"/> Main CPU self-checking protection      |
| <input type="checkbox"/> Overload alarm                             | <input type="checkbox"/> Drive device overheating protection    |
| <input type="checkbox"/> Full-load go straight                      | <input type="checkbox"/> Up/down overspeed protection           |
| <input type="checkbox"/> Floor display character setting            | <input type="checkbox"/> Contactor contact detection protection |
| <input type="checkbox"/> Direct stop operation                      | <input type="checkbox"/> Leveling trimming                      |
| <input type="checkbox"/> Emergency electric operation               | <input type="checkbox"/> Car alarm                              |
| <input type="checkbox"/> Reset operation                            | <input type="checkbox"/> Stop switch                            |
| <input type="checkbox"/> Automatic park                             | <input type="checkbox"/> Firement switch                        |
| <input type="checkbox"/> Automatic leveling                         | <input type="checkbox"/> Car top inspection                     |
| <input type="checkbox"/> Automatic stop of fault                    | <input type="checkbox"/> Replacement stop                       |
| <input type="checkbox"/> Automatic reverse instruction elimination  | <input type="checkbox"/> Power filte                            |
| <input type="checkbox"/> Fire alarm automatically returns           | <input type="checkbox"/> Speed feedback detection               |
| <input type="checkbox"/> Floor position signal automatic correction | <input type="checkbox"/> Brake feedback detection               |
| <input type="checkbox"/> Car lighting,fan automatic shut off        | <input type="checkbox"/> Shaft auto-tuning                      |
| <input type="checkbox"/> Automatic return without any call          | <input type="checkbox"/> Shaft auto-tuning failure diagnosis    |
| <input type="checkbox"/> Overspeed protection                       | <input type="checkbox"/> Wrong instruction elimination          |
| <input type="checkbox"/> Low speed protection                       | <input type="checkbox"/> Open/close button                      |
| <input type="checkbox"/> Ground protection                          | <input type="checkbox"/> Fault self diagnosis                   |
| <input type="checkbox"/> Anti-slip protection                       | <input type="checkbox"/> Floor and direction indicator in hall  |
| <input type="checkbox"/> Light curtain                              | <input type="checkbox"/> Fault history record                   |
| <input type="checkbox"/> Reverse operation protection               | <input type="checkbox"/> Service layer arbitrary settings       |
| <input type="checkbox"/> Terminal floor protection                  | <input type="checkbox"/> Door opening                           |
| <input type="checkbox"/> Motor overload protection                  | <input type="checkbox"/> Display character settings             |
| <input type="checkbox"/> Run timeout protection                     | <input type="checkbox"/> Landing door/car door time control     |
| <input type="checkbox"/> Door lock short-circuit protection         | <input type="checkbox"/> No door opening outside door area.     |
| <input type="checkbox"/> Door open/close fault protection           | <input type="checkbox"/> Digital display in hall/Car            |
| <input type="checkbox"/> Operation of broken door lock protection   | <input type="checkbox"/> Car LED lighting, emergency lighting   |
| <input type="checkbox"/> Leveling switch fault protection           | <input type="checkbox"/> Three-way intercom                     |
| <input type="checkbox"/> Car phone                                  | <input type="checkbox"/> Automatic rescue device (optional)     |
| <input type="checkbox"/> COP colorful display                       | <input type="checkbox"/> Music function (optional)              |
| <input type="checkbox"/> Remote monitoring (optional)               | <input type="checkbox"/> Voice announcer (optional)             |
| <input type="checkbox"/> Remote instruction operation(optional)     | <input type="checkbox"/> *Colorful big display (optional)       |

Optional configuration means we will collect the extra charges, not standard configuration







## Professional team and facilities

Schumacher now, having a large number of professional technician and fully automated production line. With advanced management technology and high quality standards, turn beautiful vision into reality and change your lifestyle.



## Shallow pit or even without pit

Every little advancement drives the development of Chinese home lift market, science and technology change industry rules



The minimum pit 10cm or without pit, minimum shaft size 1100\*900mm, minimum overhead height 2380mm

## Highly praised home lift

With about 30 years' rapid development, Schumacher has become very famous brand in China





## Schumacher home lift

### Scope of application

Townhouse, Superimposed villa, Detached villa, Semi-detached house  
Self-built house, Duplex apartments, Compound building installation

## Schumacher home elevator advantage

- ⑤ Saving energy, power consumption is equivalent to a refrigerator
- ⑤ Permanent magnet synchronous gearless machine, gearless vector frequency conversion high efficiency transmission, reduce transmission losses and without refueling, long service time, Max power 1.2KW
- ⑤ Machine roomless type, no need to add extra machine room to save cost
- ⑤ Gantry type car frame, with guide rail at both left and right side, which makes elevator more comfortable and safer
- ⑤ Quiet design, make low noise even no noise
- ⑤ Microcomputer frequency conversion integrated control system, maintain simply and conveniently
- ⑤ Emergency rescue system Lift-call
- ⑤ Suitable for many kinds of shaft or self-contained shaft





## Professional costomzied design



Size customization in millimeter, maximize the use of limited space.



During the design of elevator, considering the stability and reliability of elevator under extreme case, such as electromagnetic interference, uneven settlement of buildings, environmental dusts, ultra high frequency of use, main power supply is frequently powered off, unstable current and voltage etc.



For the user to enjoy the high-quality villa lift, we obey and even exceed the rule of EN81, with a series of rigorous processes from project approval, produce, install etc.

Schumacher attach great importance to the installation of elevators, all installation engineer are rigorously trained at the factory, they all know the mechanical components and control system very well, grasp the knowledge of elevator structure and performance, can explain the distinctive details of the elevator to you. Choose Schumacher elevator, not only product quality is guaranteed, but product installation is more secure.



Warranty period of Schumacher elevator is 1-2 year calculated from the time the installation is completed and delivered, Faults caused by materials or installation processes are under warranty

Schumacher bring you long term use and permanent protection, provide original parts at cost price, guarantee the match with the elevator to keep the elevator in the best status, guard your home for more than ten years



# Perfect decoration

Schumacher can customize every elevator according to user's requirement and like, various decorative cases are also available

## Cabin decoration

### GL-C101

Standard cabin decoration

Ceiling: Mirror stainless steel frame, LED lighting

Car wall: Left and right side Hairline stainless steel, the middle of rear side Mirror stainless steel, other side hairline stainless steel

Handrail: Mirror stainless steel single tube round handrail

Floor: PVC



### GL-C102

Standard cabin decoration

Ceiling: Mirror stainless steel frame, LED lighting

Car wall: Left and right side Hairline stainless steel, the middle of rear side Mirror stainless steel, other side hairline stainless steel

Handrail: Mirror stainless steel single tube round handrail

Floor: PVC





GL-C103



GL-C104



GL-C105



GL-C106



Ceiling: Mirror stainless steel frame, LED lighting

Car wall: Auxiliary plate hairline stainless steel, center plate mirror etching stainless steel

Floor: PVC



## Panoramic cabin

GL-D101



GL-D102



GL-D103



GL-D104



Ceiling: Mirror stainless steel frame, LED lighting

Car wall: Auxiliary plate hairline stainless steel/mirror stainless steel+ panoramic glass

Floor: PVC

All colors optional





GL-C106

Ceiling:	Paint modeling+ LED light
Side wall:	Cloth hard package, marble decoration
Rear wall:	Acrylic craft finish
Handrail:	Craftwork handrail
Floor:	Marble parquet



GL-C107

Ceiling:	Wood veneer shape,art wood veneer+ LED light
Side wall:	Mirror stainless steel,fabric finish, craft wood modeling
Rear wall:	Craft wood veneer, etching mirror stainless steel
Handrail:	Craftwork handrail
Floor:	Marble parquet



GL-C108

Ceiling:	Wire drawing+LED light
Side wall:	Pad pasting, etching mirror stainless steel
Rear wall:	Fireproof veneer, etching mirror stainless steel
Handrail:	Craftwork handrail
Floor:	Carpet



GL-C109

Ceiling:	Metal baking styling+ LED light
Side wall:	Leather hard package, rose golden mirror stainless steel
Rear wall:	Wallpaper veneer, rose golden mirror stainless steel
Handrail:	Craftwork handrail
Floor:	Marble parquet



GL-C110

Ceiling:	Mirror stainless steel,Marble transparent sheet+ LED light
Side wall:	Wood pattern fireproofing finish, etching black titanium stainless steel
Rear wall:	Wood pattern fireproofing finish, etching black titanium stainless steel
Handrail:	Craftwork handrail
Floor:	Carpet



GL-C111

Ceiling:	Metal baking styling+ LED light
Side wall:	Cloth veneer, black titanium stainless steel
Rear wall:	Cloth veneer, black titanium stainless steel
Handrail:	N/A
Floor:	Marble parquet



## GL-C112

Ceiling:	Paint modeling+ LED light
Side wall:	Cloth hard package,wood veneer
Rear wall:	Resin marble finish,wood veneer
Handrail:	Craftwork handrail
Floor:	Marble parquet



## GL-C113

Ceiling:	Rose golden mirror stainless steel+ LED light
Side wall:	Craft wood veneer, mirror stainless steel
Rear wall:	Craft wood veneer, mirror stainless steel
Handrail:	N/A
Floor:	Marble parquet

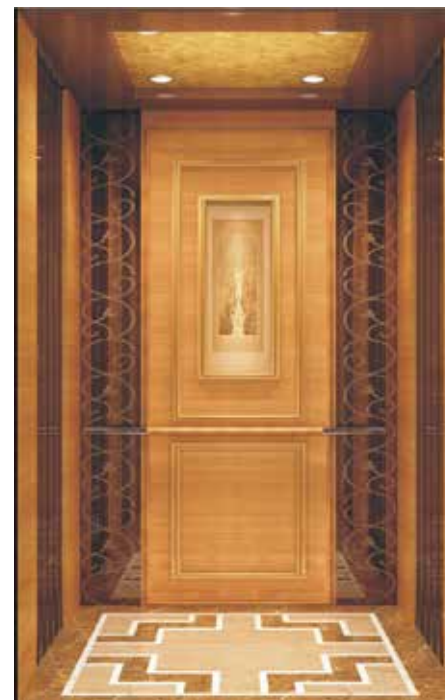


## GL-C114

Ceiling:	Hairline stainless steel, rose golden mirror stainless steel+ LED light
Side wall:	wood veneer, rose golden mirror stainless steel
Rear wall:	wood veneer, etching rose golden mirror stainless steel
Handrail:	Craftwork handrail
Floor:	Marble parquet

## GL-C115

Ceiling:	Metal paint modeling+LED light
Side wall:	Craft wood veneer, champagne gold mirror stainless steel
Rear wall:	Breaking leather cover champagne gold mirror stainless steel
Handrail:	Craftwork handrail
Floor:	Carpet



## GL-C116

Ceiling:	Paint modeling+LED light
Side wall:	Fireproof veneer, mirror stainless steel
Rear wall:	Mirror stainless steel+etching
Handrail:	Craftwork handrail
Floor:	Carpet



## GL-C117

Ceiling:	Rose golden mirror stainless steel+ LED light
Side wall:	Craft wood veneer, rose golden mirror stainless steel
Rear wall:	Craft wood veneer, rose golden mirror stainless steel
Handrail:	Craftwork handrail
Floor:	Marble parquet



### GL-C118

Ceiling: Wood shape, clinquant+ LED light  
Side wall: Craft wood veneer, wallpaper,craft glass  
Rear wall: Craft wood veneer, decoration mirror, wallpaper  
Handrail: Craftwork handrail  
Floor: Marble parquet



### GL-C120

Ceiling: Rose golden mirror stainless steel+ LED light  
Side wall: Wood veneer, rose golden mirror stainless steel  
Rear wall: Craft wood veneer, rose golden mirror stainless steel  
Handrail: Craftwork handrail  
Floor: Marble parquet

### GL-C119

Ceiling: Metal paint modeling, rose golden mirror stainless steel+ LED light  
Side wall: Wood pattern fireproofing finish, etching rose golden mirror stainless steel  
Rear wall: Craft photo, white painted  
Handrail: N/A  
Floor: Marble parquet



### GL-C121

Ceiling: Metal paint modeling, LED light  
Side wall: Color pattern plate, white painted  
Rear wall: Color pattern plate, white painted  
Handrail: N/A  
Floor: PVC parquet



### GL-C122

Ceiling: Paint modeling, mirror stainless steel+ LED light  
Side wall: Color pattern plate  
Rear wall: Marbling film, black titanium stainless steel  
Handrail: N/A  
Floor: PVC parquet



### GL-C123

Ceiling: Metal paint modeling, LED light  
Side wall: Wood pattern fireproofing finish, mirror stainless steel  
Rear wall: Marbling fireproofing finish, Wood pattern fireproofing finish  
Handrail: N/A  
Floor: PVC parquet



## GL-C124

Ceiling:	Metal paint modeling+ LED light
Side wall:	Wood pattern fireproofing finish, black titanium mirror stainless steel
Rear wall:	Leatherwear pattern fireproofing finish, black titanium mirror stainless steel+ etching
Handrail:	N/A
Floor:	Carpet



## GL-C126

Ceiling:	Champagne gold mirror stainless steel + LED light
Side wall:	Craft wood veneer shape, champagne gold mirror stainless steel
Rear wall:	Wood veneer shape, champagne gold mirror stainless steel
Handrail:	Craftwork handrail
Floor:	Marble parquet

## GL-C125

Ceiling:	Metal paint modeling, rose golden mirror stainless steel+ LED light
Side wall:	Wood veneer shape, rose golden mirror stainless steel
Rear wall:	Rose golden mirror stainless steel + etching
Handrail:	Craftwork handrail
Floor:	Marble parquet



## GL-C127

Ceiling:	Mirror stainless steel+ LED light
Side wall:	Wood veneer shape, black titanium stainless steel
Rear wall:	Brushed stainless steel hollow carving, black titanium stainless steel, light transmissive plate
Handrail:	Craftwork handrail
Floor:	PVC parquet



## GL-C128

Ceiling:	Paint modeling, light strip+ LED light
Side wall:	Golden titanium mirror stainless steel, wood veneer shape
Rear wall:	Golden titanium mirror stainless steel, wood veneer shape carving gold paint
Handrail:	N/A
Floor:	PVC parquet

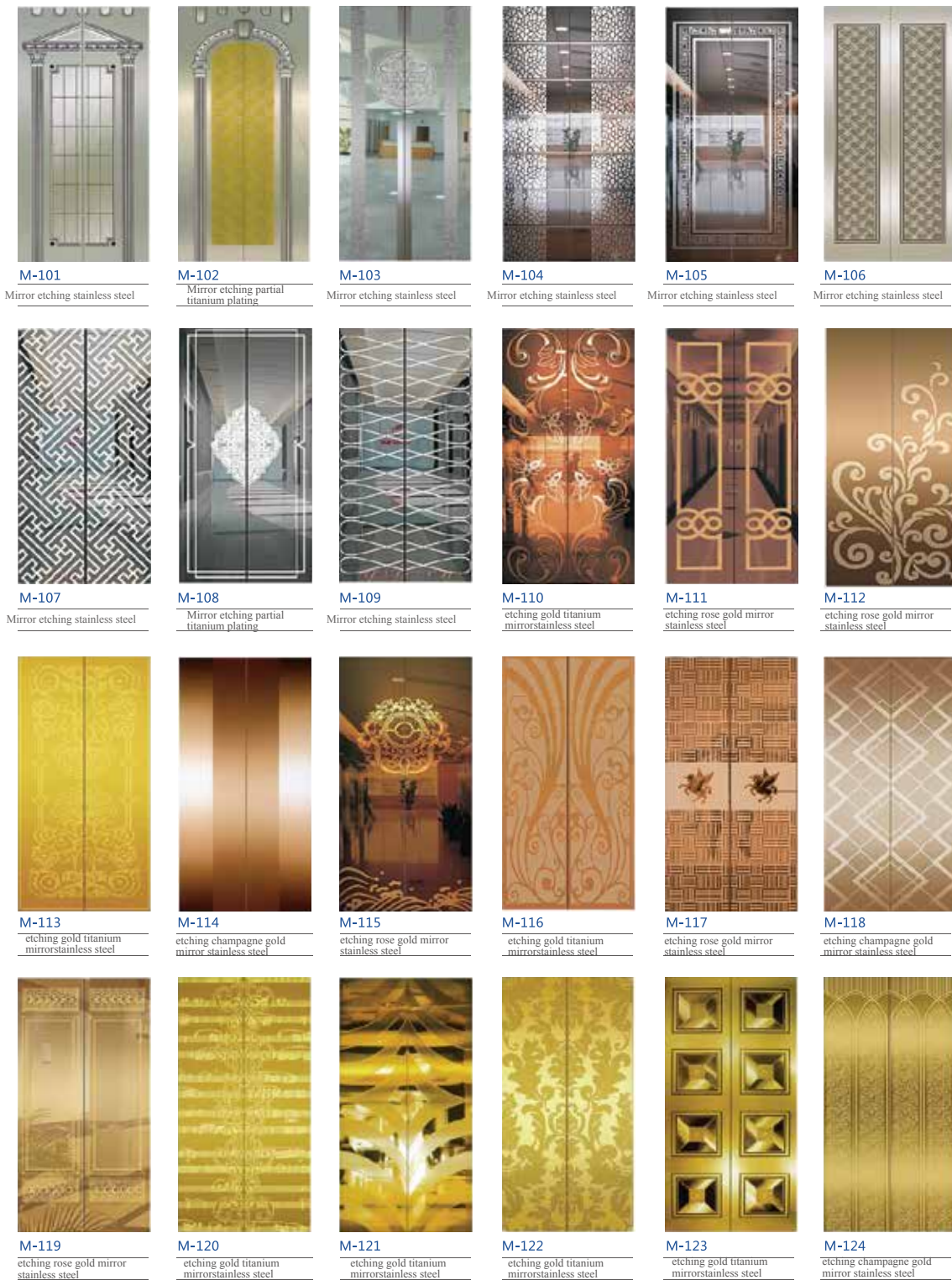


## GL-C129

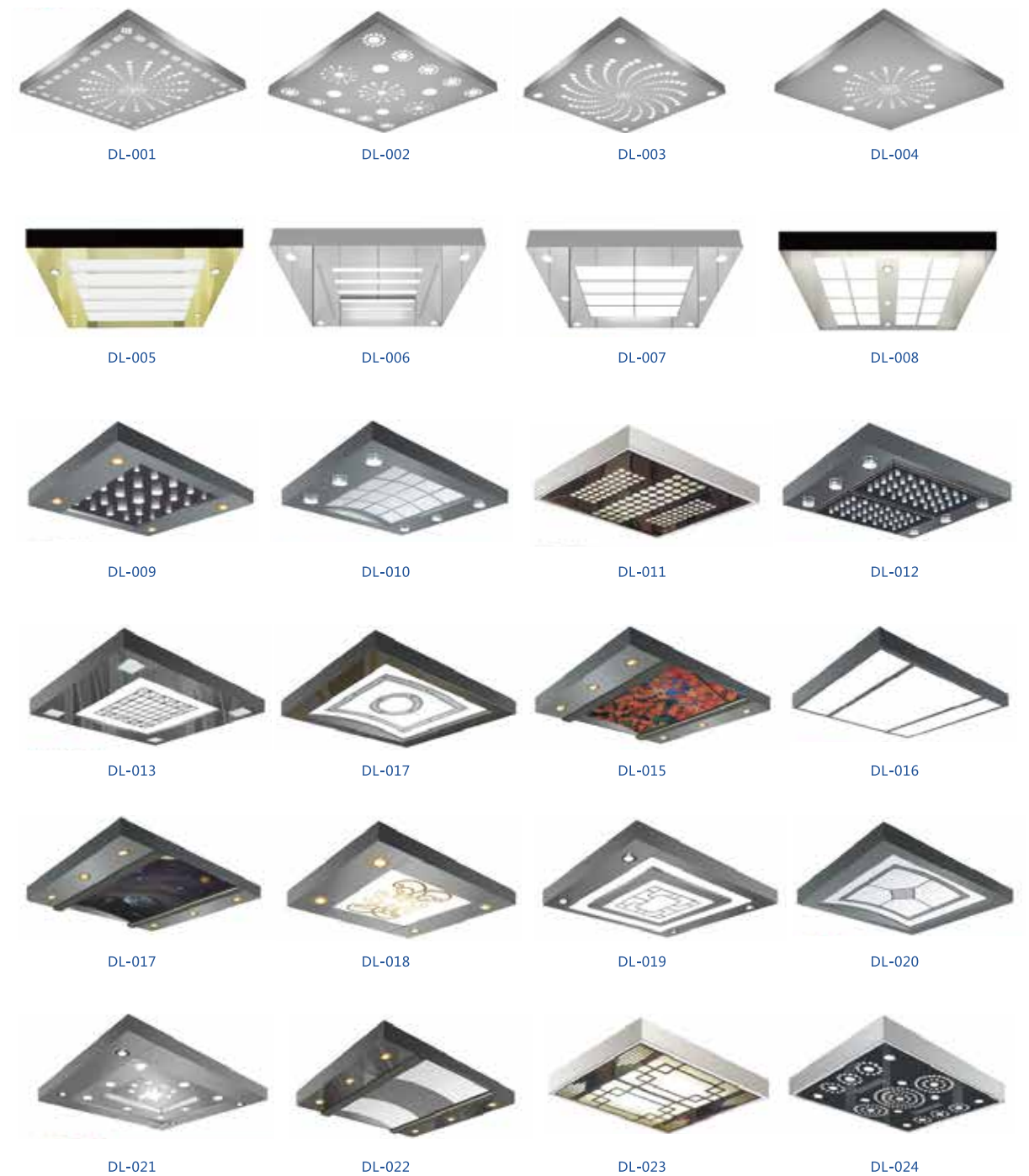
Ceiling:	Metal paint modeling, LED light
Side wall:	Craft wood veneer, breaking leather hard package, rose golden mirror stainless steel
Rear wall:	Craft wood veneer, rose golden mirror stainless steel, decoration mirror
Handrail:	Craftwork handrail
Floor:	PVC parquet



## Landing door decoration



## Ceiling





## Floor



## Handrail



## COP



COP-001

4.7 inch display board  
(LCD true color screen  
is optional)

Lift-call

Floor button

Door open/close



Standard



Lift call function  
introduction

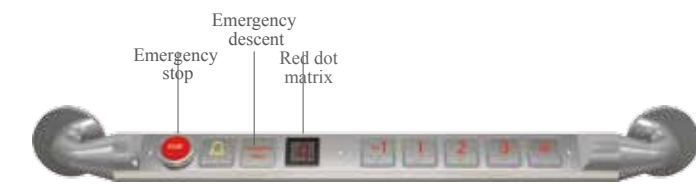


LOP-001



LOP-002

Lift call function introduction  
Professionally designed flat telephone, dialing is simpler  
and communication is more timely



COP-002



## Requirement/Customization



### Aviation grade aluminum alloy hoistway frame

Panoramic elevator installed in the middle of the stairs can use hoistway frame, both beautiful and guarantee quality assurance

## Shaft frame optional color

Painted



High temperature print



Electrophoresis

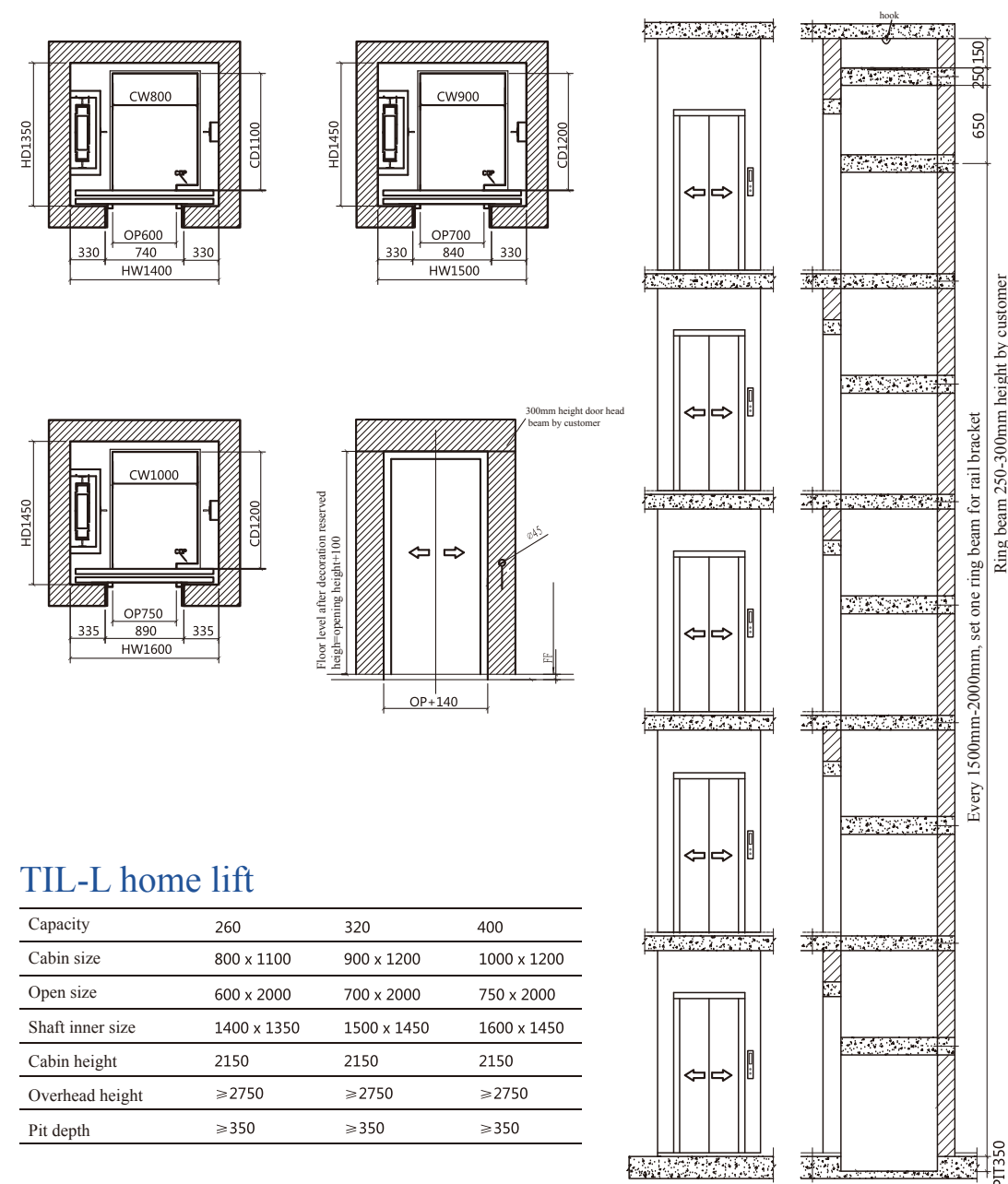




## Civil engineering shaft technical specifications

### TIL-L Series

Traction gantry type car frame (with counterweight) automatic center open door



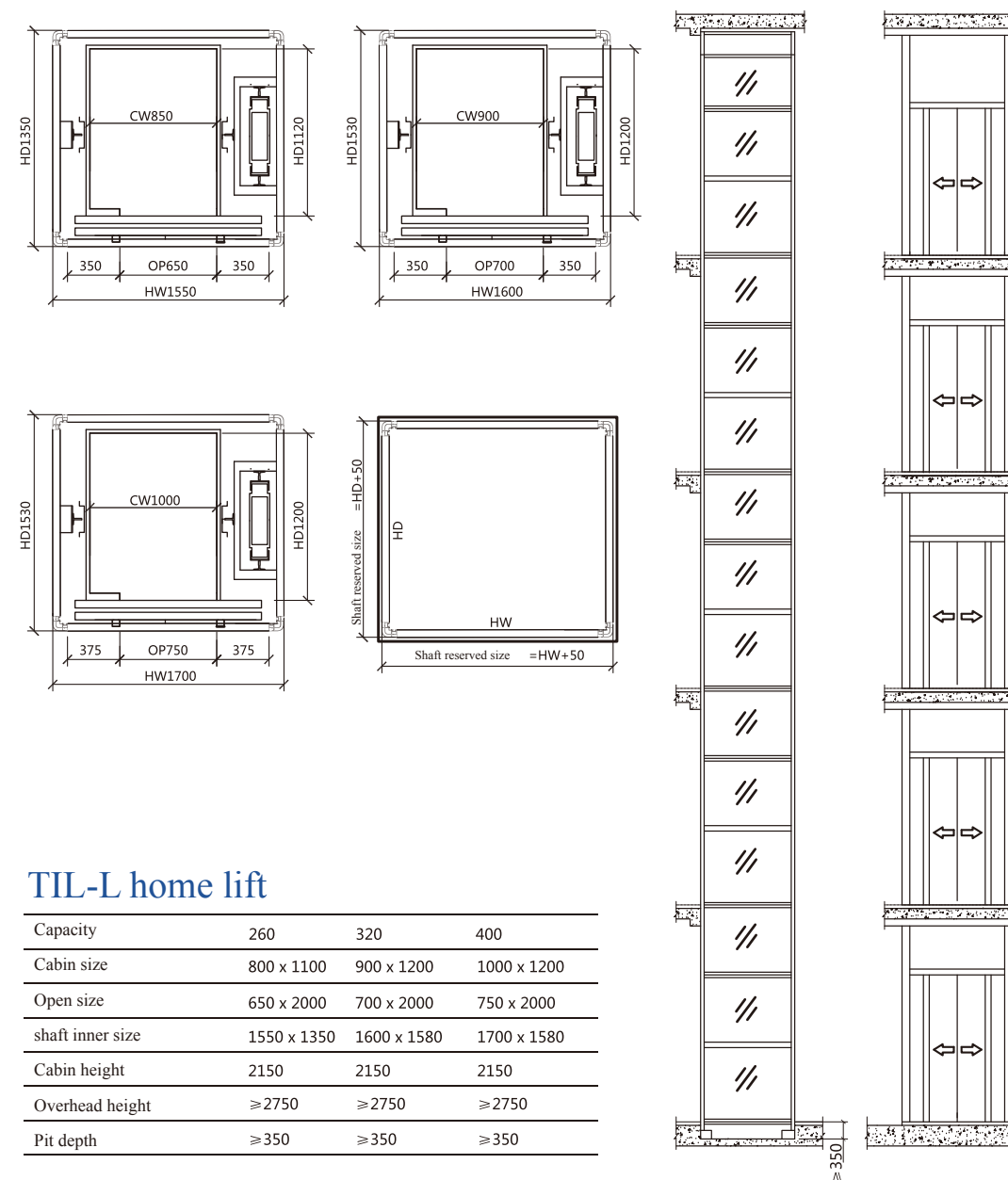
### TIL-L home lift

Capacity	260	320	400
Cabin size	800 x 1100	900 x 1200	1000 x 1200
Open size	600 x 2000	700 x 2000	750 x 2000
Shaft inner size	1400 x 1350	1500 x 1450	1600 x 1450
Cabin height	2150	2150	2150
Overhead height	≥ 2750	≥ 2750	≥ 2750
Pit depth	≥ 350	≥ 350	≥ 350

## Sightseeing frame shaft technical specifications

### TIL-L Series

Traction gantry type car frame (with counterweight) automatic center open door



### TIL-L home lift

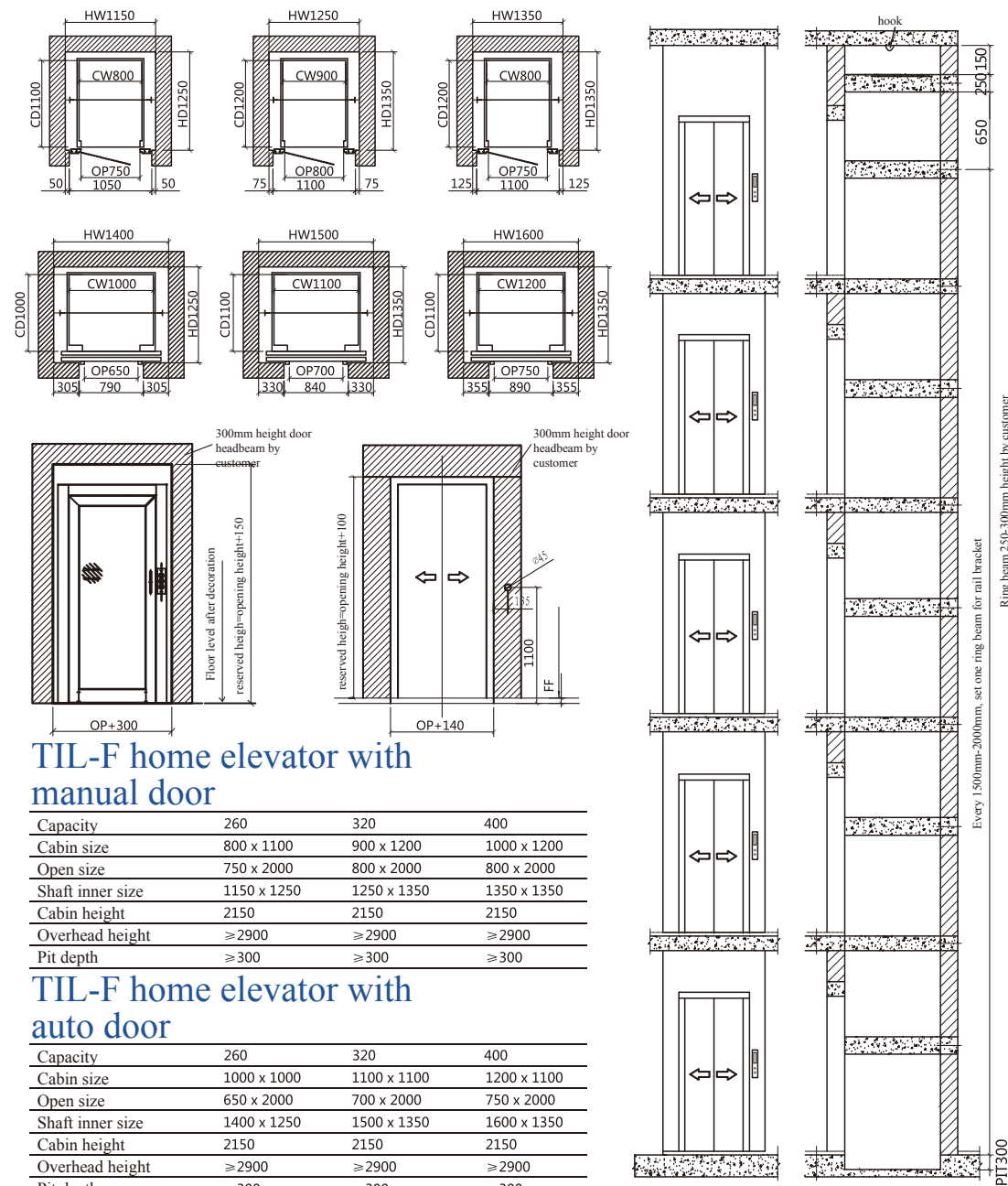
Capacity	260	320	400
Cabin size	800 x 1100	900 x 1200	1000 x 1200
Open size	650 x 2000	700 x 2000	750 x 2000
shaft inner size	1550 x 1350	1600 x 1580	1700 x 1580
Cabin height	2150	2150	2150
Overhead height	≥ 2750	≥ 2750	≥ 2750
Pit depth	≥ 350	≥ 350	≥ 350



## Civil engineering shaft technical specifications

### TIL-F Series

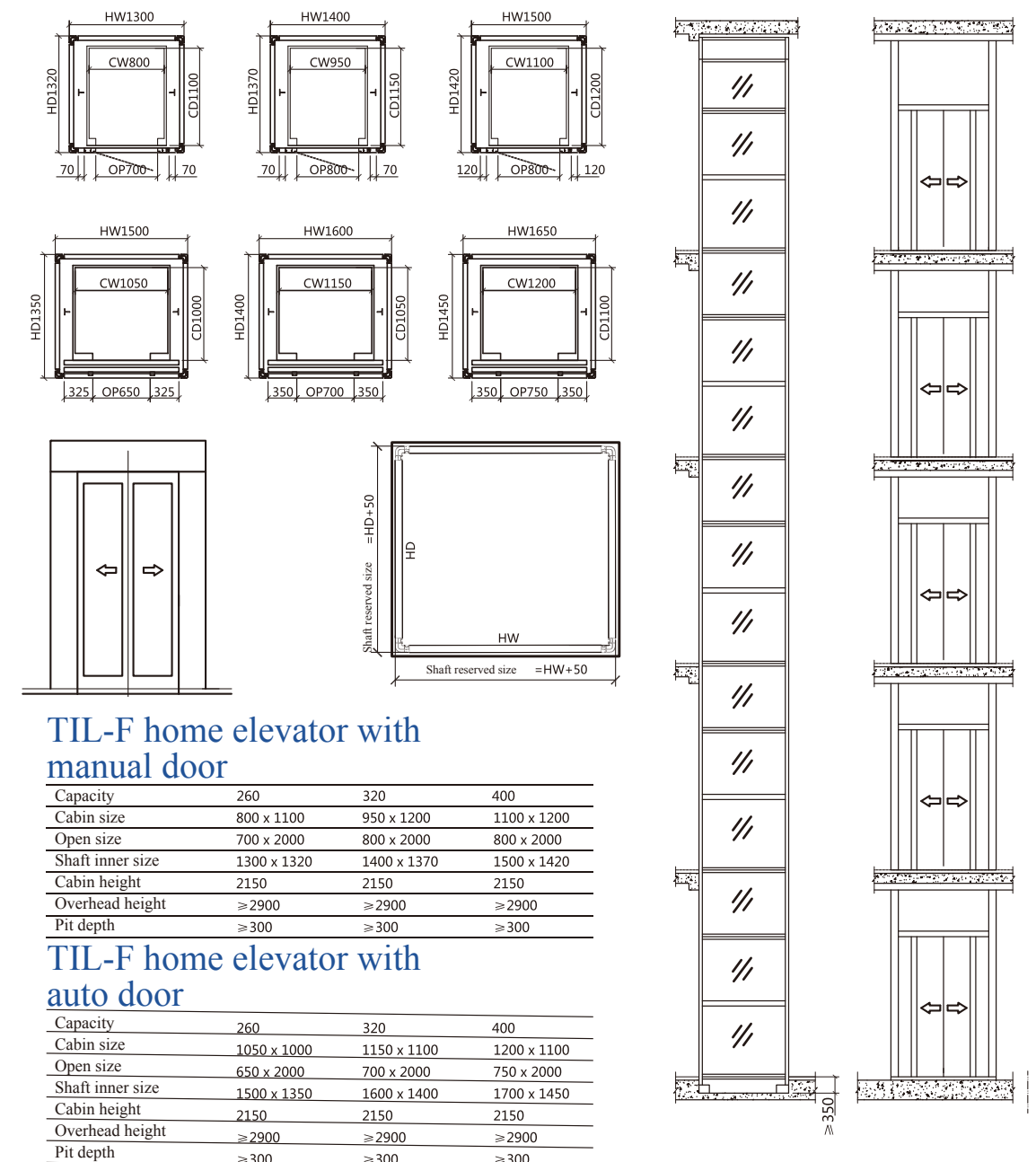
Traction gantry type car frame (without counterweight) manual door/automatic center open door



## Sightseeing frame shaft technical specifications

### TIL-F Series

Traction gantry type car frame (without counterweight) manual door/automatic center open door



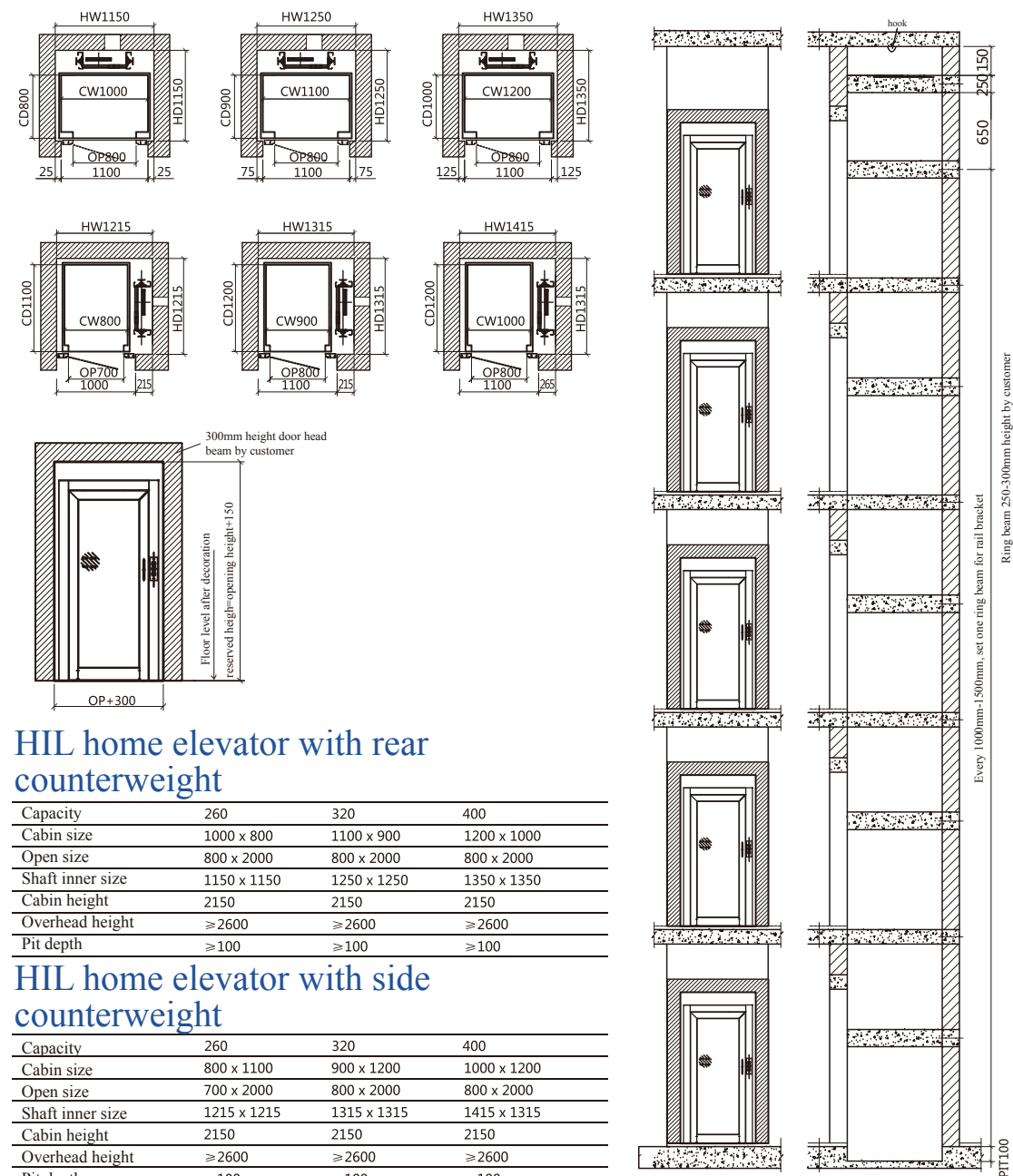




## Civil engineering shaft technical specifications

### HIL Series

Hydraulic elevator manual door



### HIL home elevator with rear counterweight

Capacity	260	320	400
Cabin size	1000 x 800	1100 x 900	1200 x 1000
Open size	800 x 2000	800 x 2000	800 x 2000
Shaft inner size	1150 x 1150	1250 x 1250	1350 x 1350
Cabin height	2150	2150	2150
Overhead height	≥ 2600	≥ 2600	≥ 2600
Pit depth	≥ 100	≥ 100	≥ 100

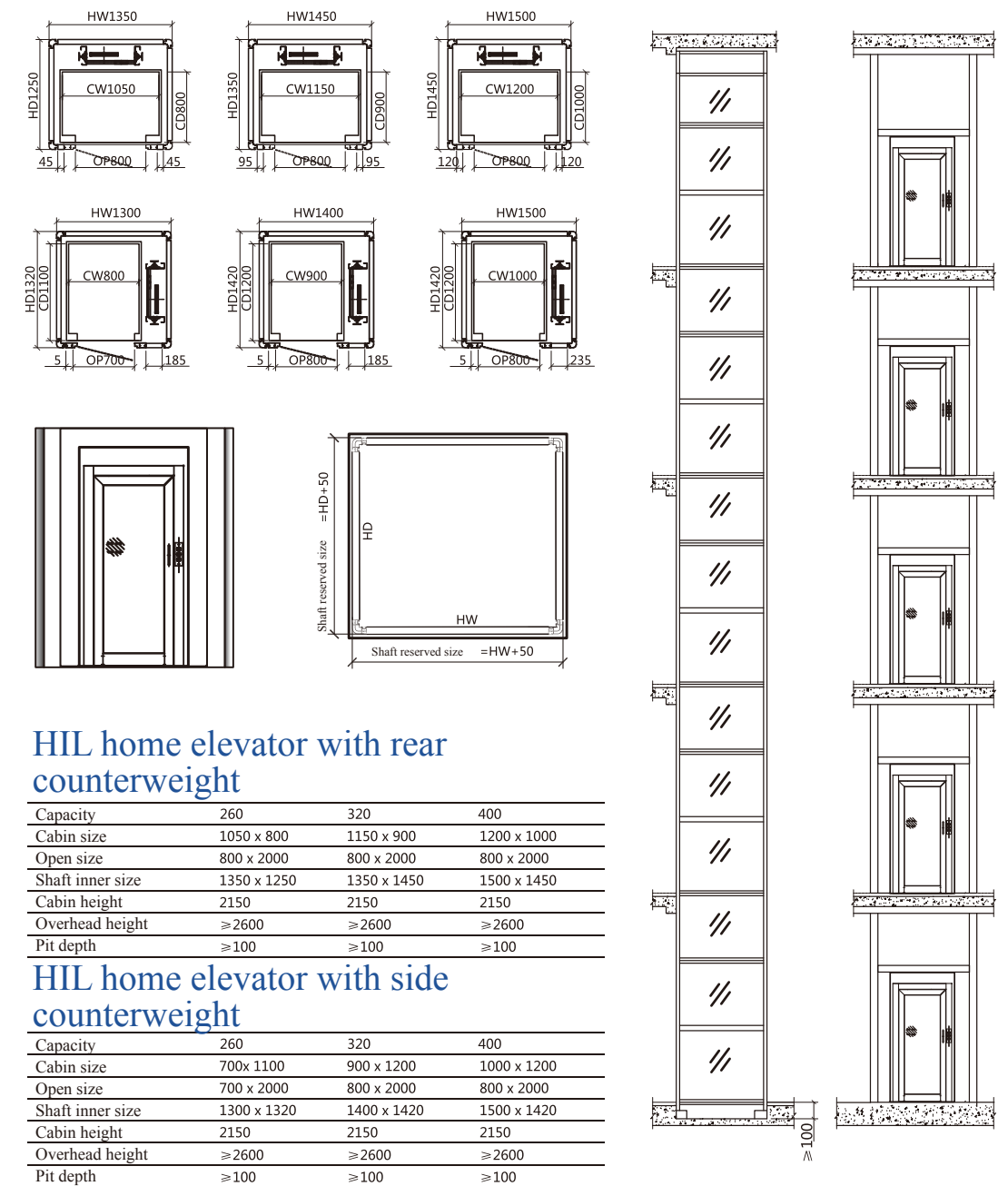
### HIL home elevator with side counterweight

Capacity	260	320	400
Cabin size	800 x 1100	900 x 1200	1000 x 1200
Open size	700 x 2000	800 x 2000	800 x 2000
Shaft inner size	1215 x 1215	1315 x 1315	1415 x 1315
Cabin height	2150	2150	2150
Overhead height	≥ 2600	≥ 2600	≥ 2600
Pit depth	≥ 100	≥ 100	≥ 100

## Sightseeing frame shaft technical specifications

### HIL Series

Hydraulic elevator manual door



### HIL home elevator with rear counterweight

Capacity	260	320	400
Cabin size	1050 x 800	1150 x 900	1200 x 1000
Open size	800 x 2000	800 x 2000	800 x 2000
Shaft inner size	1350 x 1250	1350 x 1450	1500 x 1450
Cabin height	2150	2150	2150
Overhead height	≥ 2600	≥ 2600	≥ 2600
Pit depth	≥ 100	≥ 100	≥ 100

### HIL home elevator with side counterweight

Capacity	260	320	400
Cabin size	700 x 1100	900 x 1200	1000 x 1200
Open size	700 x 2000	800 x 2000	800 x 2000
Shaft inner size	1300 x 1320	1400 x 1420	1500 x 1420
Cabin height	2150	2150	2150
Overhead height	≥ 2600	≥ 2600	≥ 2600
Pit depth	≥ 100	≥ 100	≥ 100