

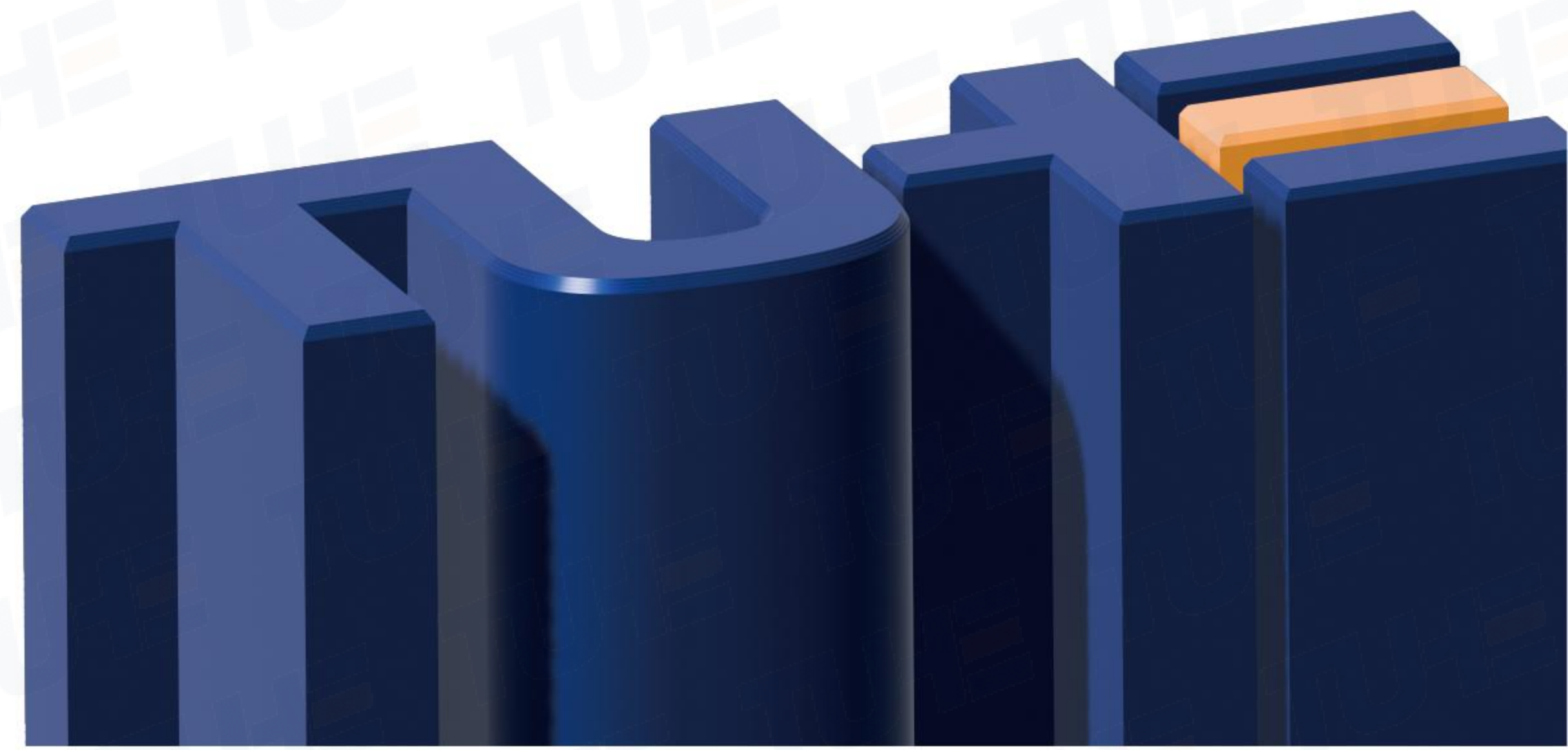


Jinan Tuhe Heavy Industry Machinery Co.,Ltd.

# HYDRAULIC HOME LIFT

Make  
Your Living More  
Comfortable

KLS--Authorized agent of TUHE LIFT in Cyprus  
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## COMPANY PROFILE

Make your living  
more comfortable

### About us

TUHE home elevator brand was launched in 2009 and is committed to the research and development, production, and sales of home elevators and supporting products, to become a world-renowned home elevator brand.

After years of production, R&D, and experience accumulation, TUHE Elevator has been exported to more than 50 countries around the world, providing tens of thousands of families with a variety of home elevators including shaftless or pitless elevator types.

Currently, we have two main factories located in Jinan, Shandong Province, and Suzhou, Jiangsu Province, many self-operated stores, 150+ people team with sales, engineers, installers, and after-sales service.



Production Experience

# 14 YEARS

Professional Technician

# 50 +



# TUHE

# FACTORY STRENGTH

# F

"Quality and safety first,  
we make sure every customer  
will receive the best"



Occupy an Area

## 5000+ M<sup>2</sup>

We are a modern and carefully designed manufacturing base. We combine the spirit of striving for excellence as a craftsman with modern technology. Whether it is innovative design or process improvement, we always maintain the pursuit of excellent quality.



Delivery on Time Rate

## 99%

We are well aware that time is precious in home decoration projects. No matter when you need the elevator, we always prioritize your needs and ensure timely delivery. Add comfort and convenience to your home!



Annual Output

## 2500

With a large supply of goods and excellent technical support, we produce 2500 elevators annually, providing you with ample choices. We provide you with a safe and worry free lifting solution with excellent technical quality and reliability.

# E

## ELEVATOR SHOWROOM

Make your living  
more comfortable



Worldwide showroom Area

# 1000 M<sup>2</sup>

We have showroom in many cities in China, we also have showroom in USA, Philippines, Indonesia, Malaysia, Thailand, Vietnam and Nigeria.



HeBei showroom



JiangSu showroom

Hydraulic Home Lift

Foods On Home Elevators

Hydraulic Home Lift

Jinan Tuhe Heavy Industry Machinery Co.,Ltd.

# QUALITY ASSURANCE

Q

Our company has obtained qualification certification from relevant institutions, proving that we have the ability to develop, produce and sell home elevators. These institutions strictly review our business operations, production processes and quality management systems to ensure that our products meet relevant industry standards and requirements, and pass CE and ISO 9001 quality management system certification to ensure product consistency and reliability.



## Certificate Display

Our certificates and qualifications demonstrate our commitment to product quality, R&D innovation and safety. As a customer, you can choose our products with confidence and enjoy safe, reliable and high-quality home elevator services.





# HYDRAULIC HOME LIFT

Make your living more comfortable



Small Installation Space



Decor Can Be Customized



Multiple Security Mechanisms



Hydraulic home lift can be installed without pit and without shaft, it's the most suitable model for small installation space, we have many different designs to match with your house decoration.

# Small Installation Space



$\geq 1\text{m}^2$

LW1000\*LD1000

$\geq 2.2\text{m}$

Top floor height

Hydraulic home lift can be installed without pit and without shaft, it's the most suitable model for small installation space, we have many different designs to match with your house decoration.



# Decor Can Be Customized

"MAKE YOUR ELEVATOR UNIQUE AND UNIQUE"



we not only focus on providing high-quality hydraulic elevators, but also provide customers with customized car interior decoration services.

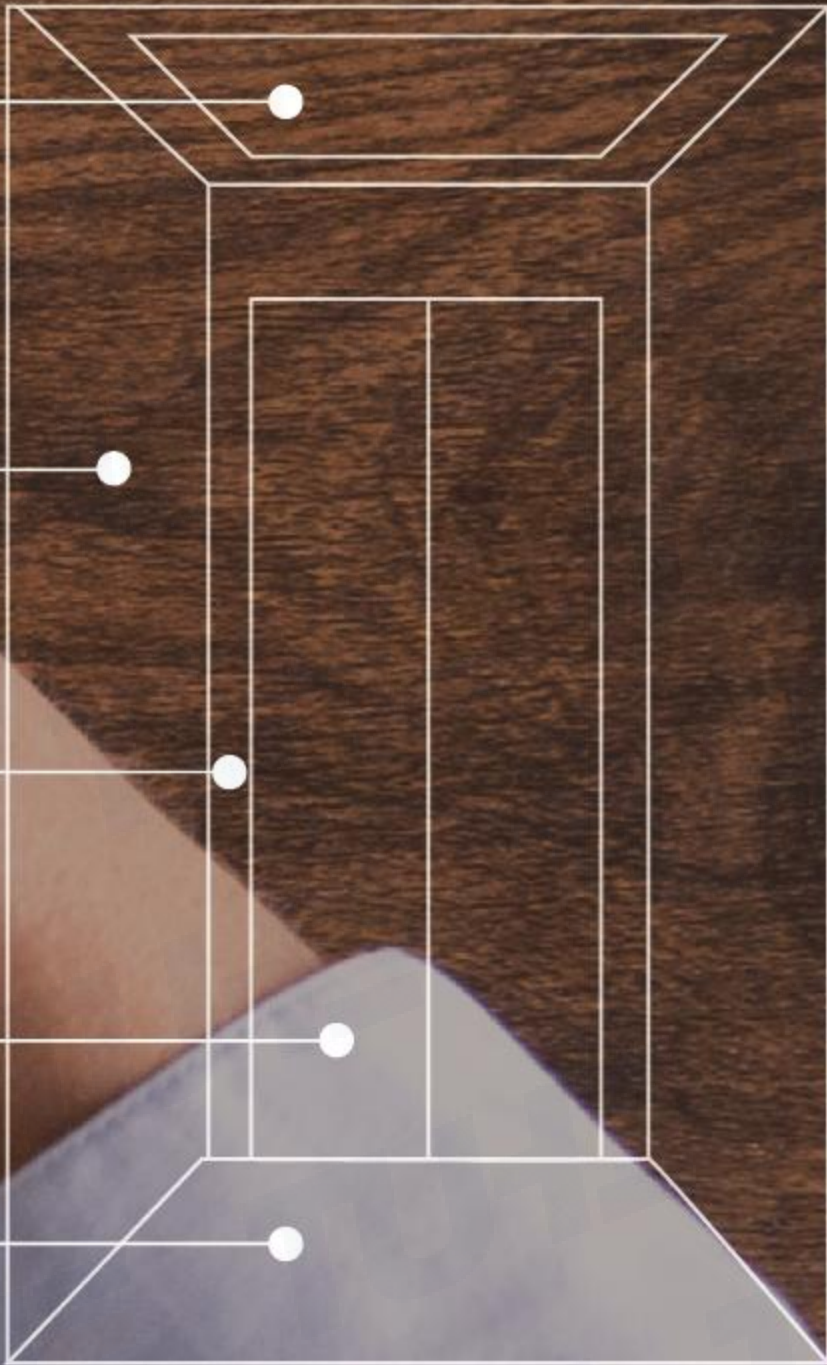
Ceiling

Car Wall

Integrated Control Box

Car Door

Floor



We are well aware of the importance of car interior decoration in increasing comfort and beauty, so we provide each customer with personalized design solutions to make your elevator unique and show your personality and taste.

# Multiple Security Mechanisms



## High quality component

We are committed to providing our customers with safe and reliable hydraulic elevators. We insist on selecting high-quality accessories and materials, ensuring that each elevator undergoes rigorous testing and quality control to meet your needs and expectations.

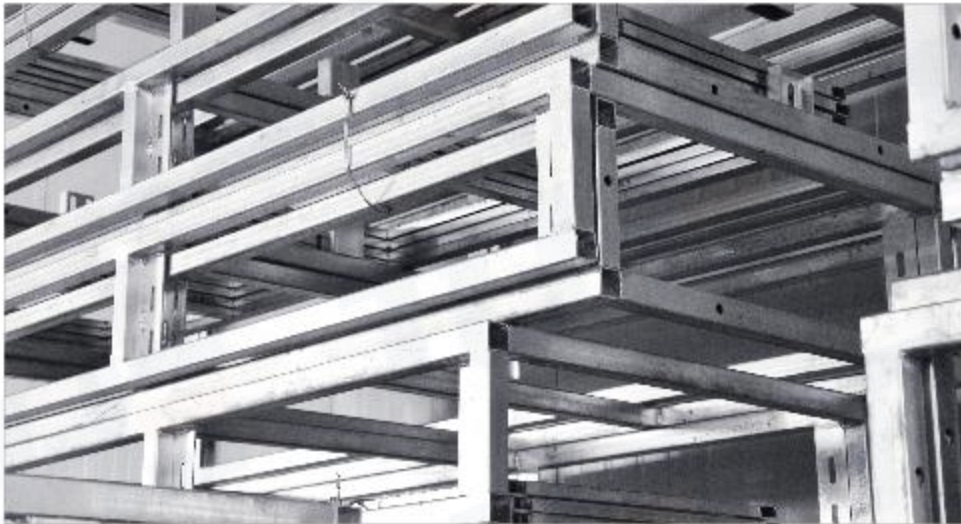


Hydraulic elevator control cabinet



## Oil-immersed pumping station

This model has the advantages of high efficiency and stability, energy saving and environmental protection, silence and durability, and convenient operation and maintenance. It ensures the safe operation and riding comfort of the elevator.



## Hot galvanizing structure

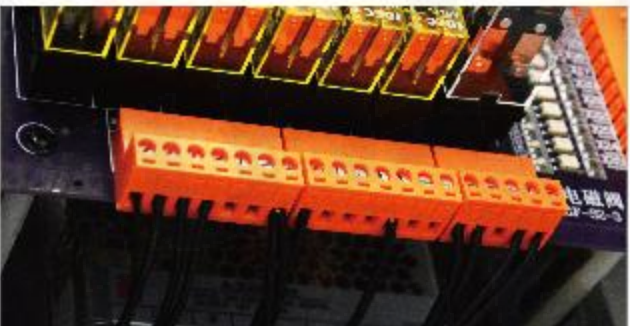
The hot galvanizing structure of the elevator has the advantages of strong anti-corrosion, strong durability, stable quality and good aesthetics, which enables the elevator to maintain a long life under various environmental conditions while improving its appearance quality and performance stability.



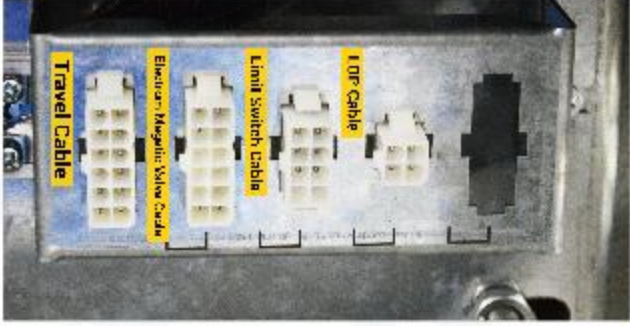
Our standard 2.2/3KW pump station uses a 4KW inverter. The 3.75KW pump station matches the 5.5KW inverter with excess capacity and configures the elevator to have stronger upward power and lower failure rate.



Use the main control board to replace the original various electrical components. The main control board has a high degree of integration and more stable operation.



This control cabinet is wired for internal use. The minimum diameter of the national standard wire control wire is 0.75, with better conductivity and lower failure rate



Distribution box wiring harness plug-in, supporting internal and external calls, all internal and external calls are shortcut plugs, no wiring is required, just plug in. Make the operation more precise and safe.



## Light Curtain Protection

Light curtain protection can promptly detect objects entering the elevator door area to avoid pinch accidents, protect passenger safety, and improve comfort and convenience.



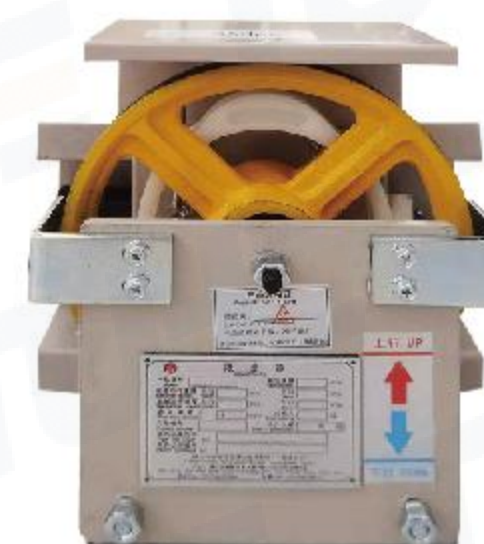
### Safety gear

Safety gear ensures elevator safety, with quick triggering, multiple protections and wide applicability.



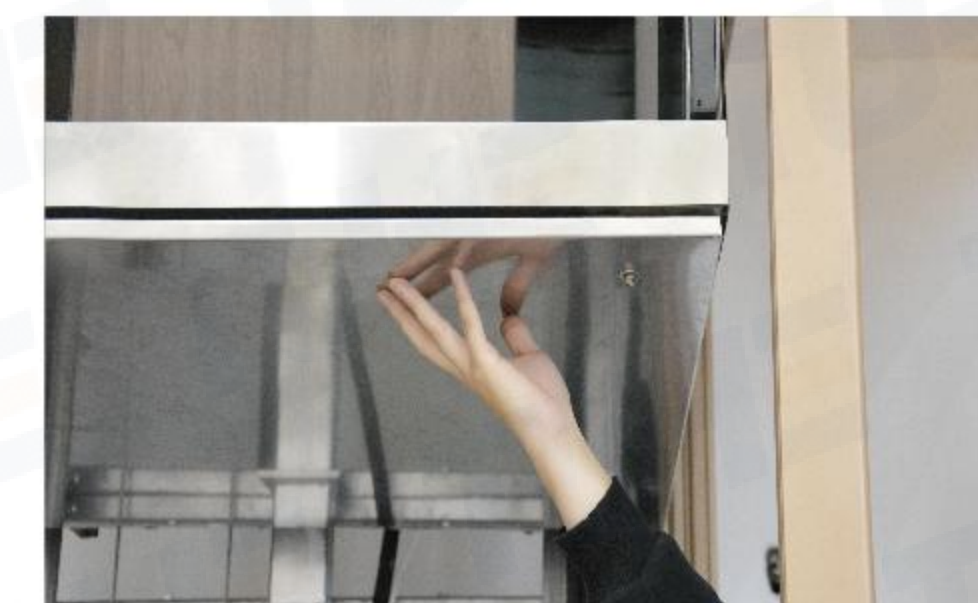
### UPS

UPS provides stable backup power, in case of power failure or wires breakdown, it will help you get out of the elevator.



### Speed limiter

Speed limiter ensures passenger safety, avoid elevator speeding, stop in time, prevent accidents, and protect elevator equipment and building structures.



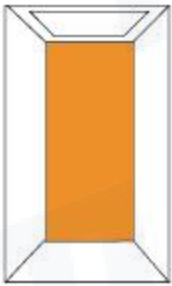
### Bottom safety sensor

The bottom sensor will stop the elevator once it touches any obstacle, it can protect the pets and people that get under the elevator by mistake.

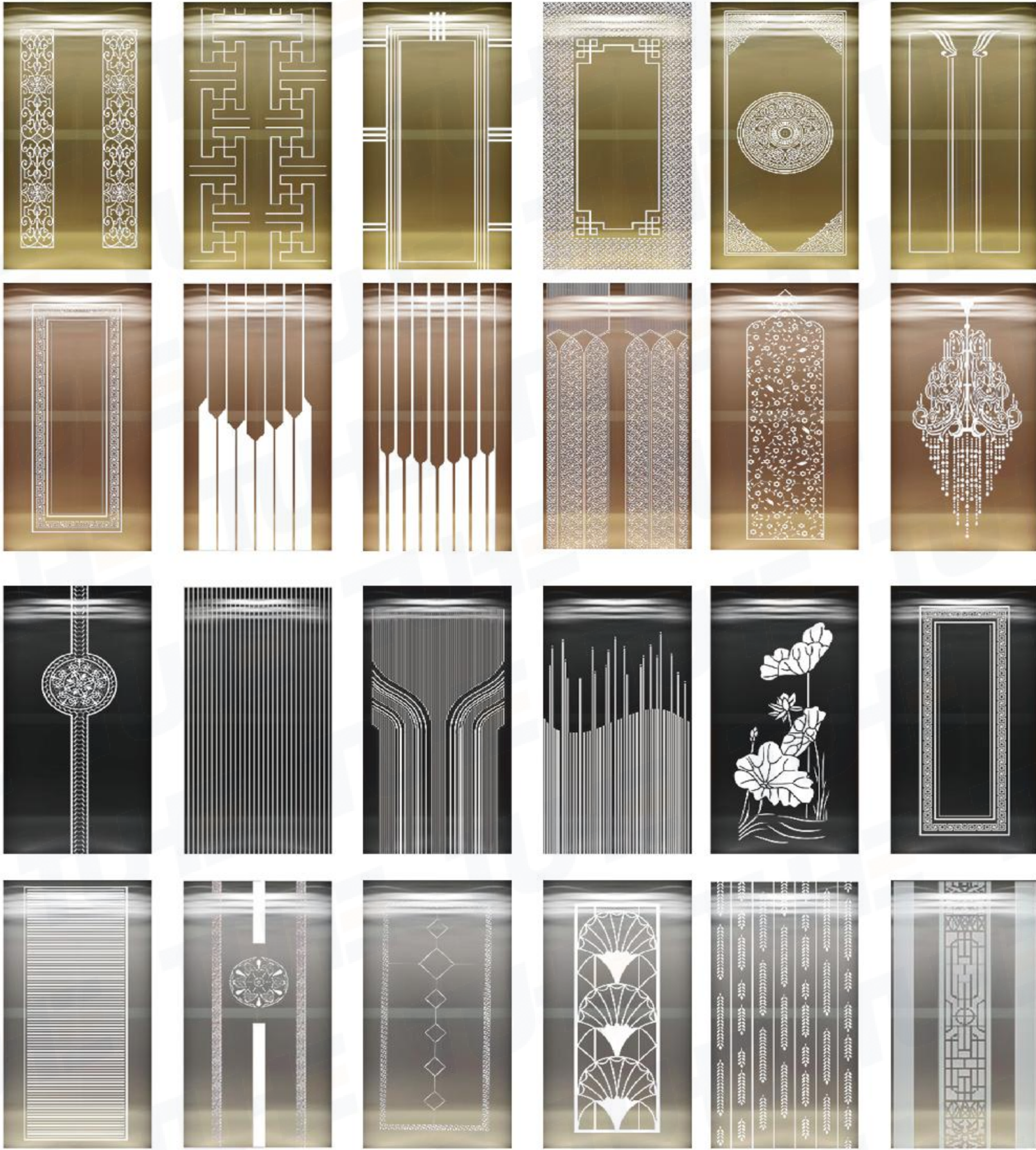
# STANDARD CONFIGURATION



Focus on  
home elevators



Standard  
Car Etching Panel



Car Examples



Standard Car Ceiling



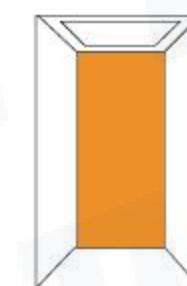
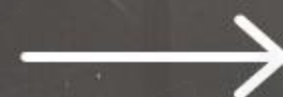
Standard Car Floor



# OPTIONAL CONFIGURATION



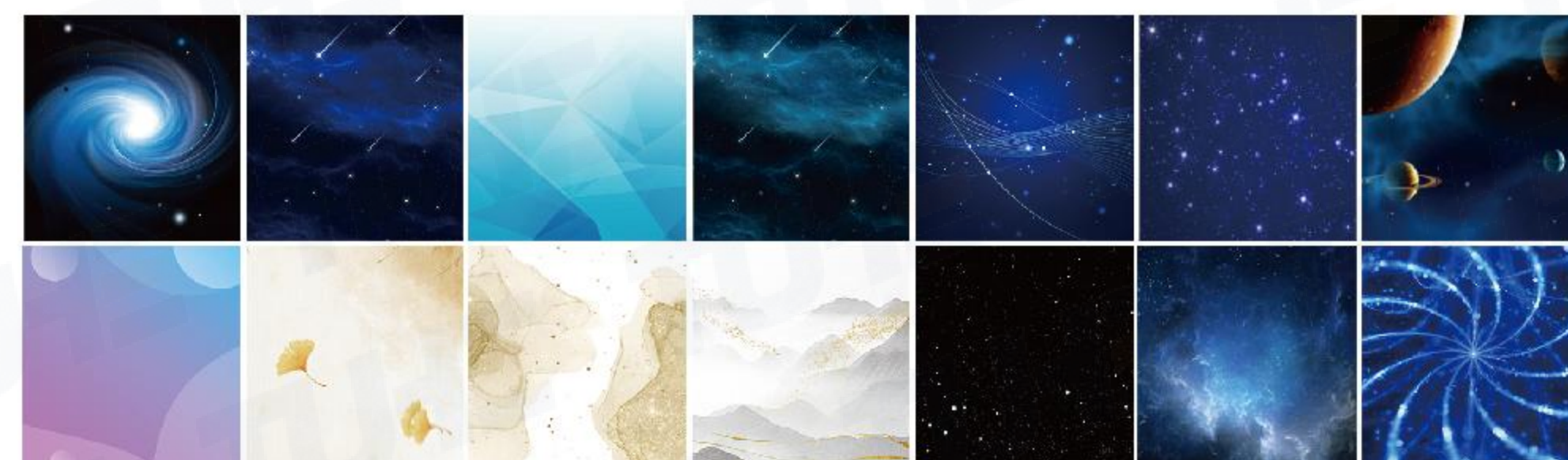
FOCUS ON  
HOME ELEVATORS

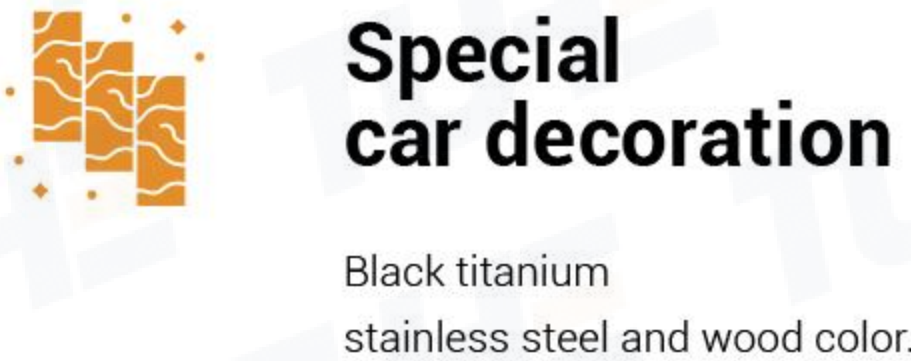


LED  
Board



LED  
Ceiling



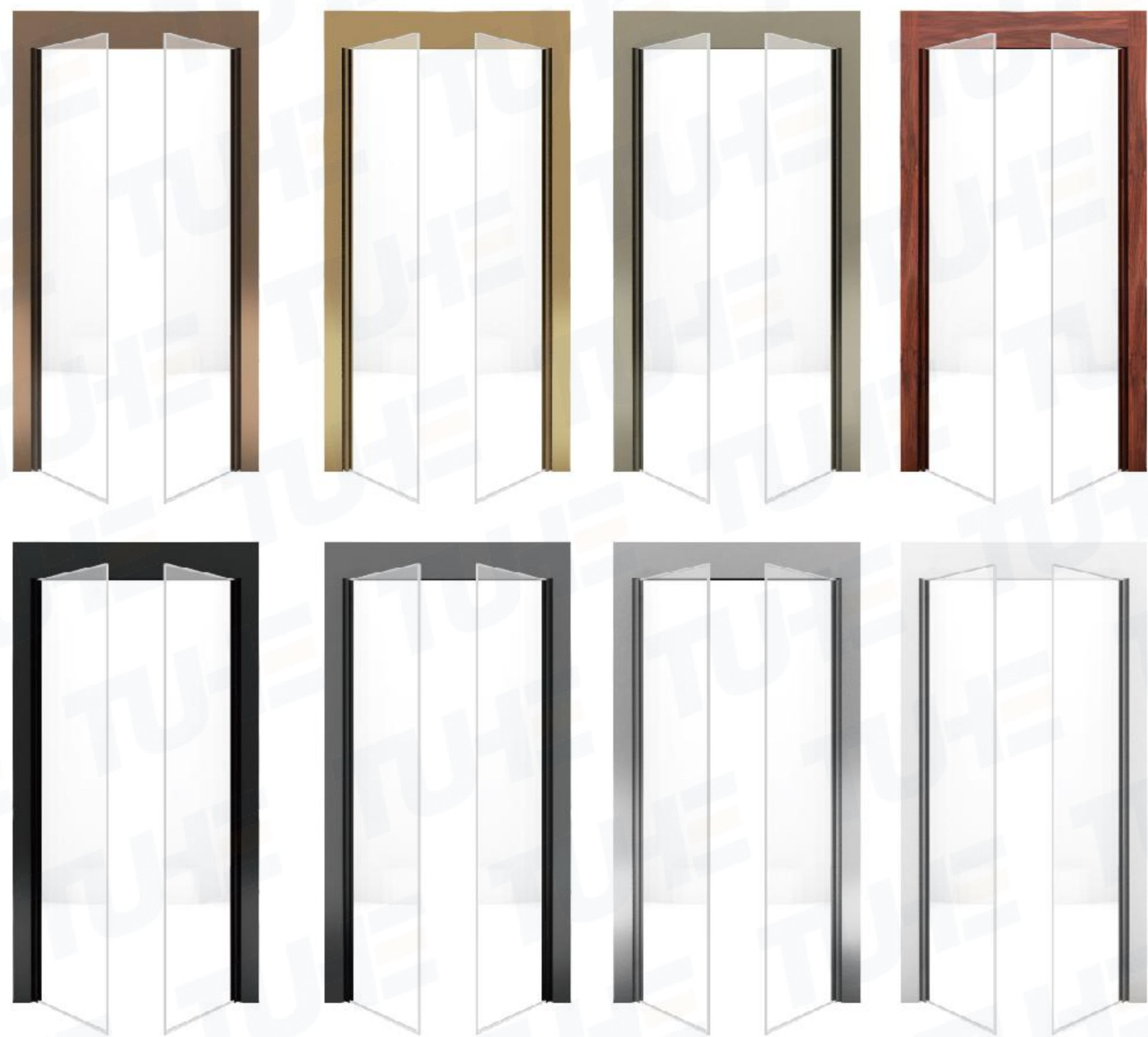




Automatic  
Single Swing Door



Automatic  
Double Swing Door





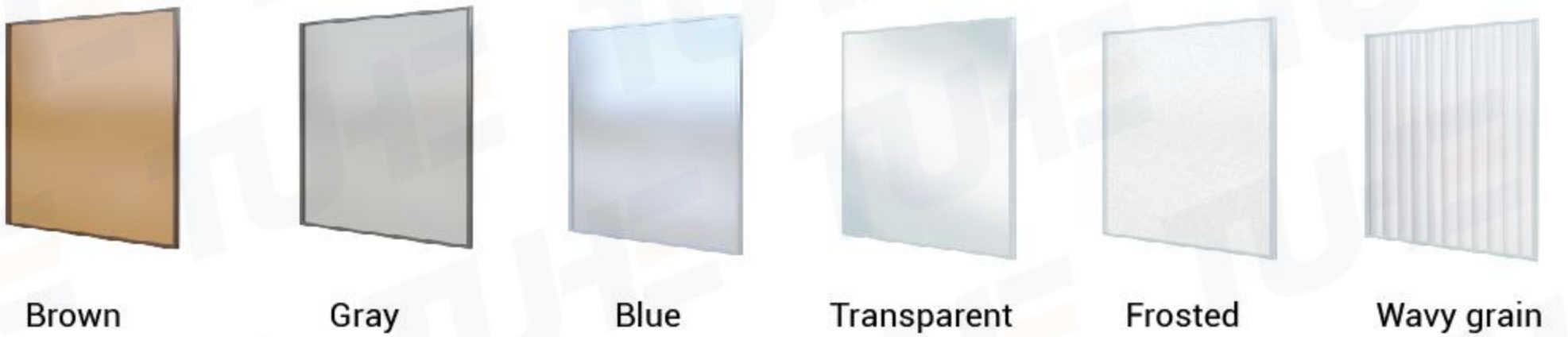
Glass Shaft



Color Options



Glass Color Options



1

Customer built elevator shaft

Elevator can be installed directly in the shaft

2

Space in the middle of stairs

Elevator can be installed in the middle

3

Space in the hall

Elevator can be installed near to floorslab

4

Space is floor opening

Elevator can be installed in the floor opening

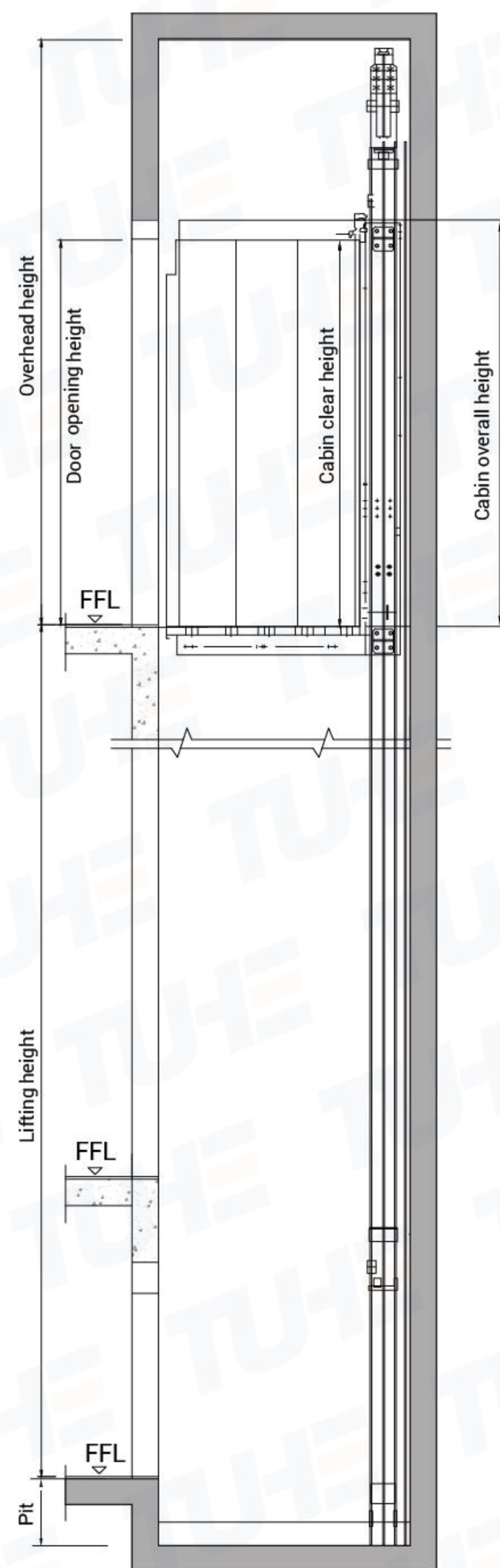
5

Space is outside of house

Elevator can be installed near to the wall

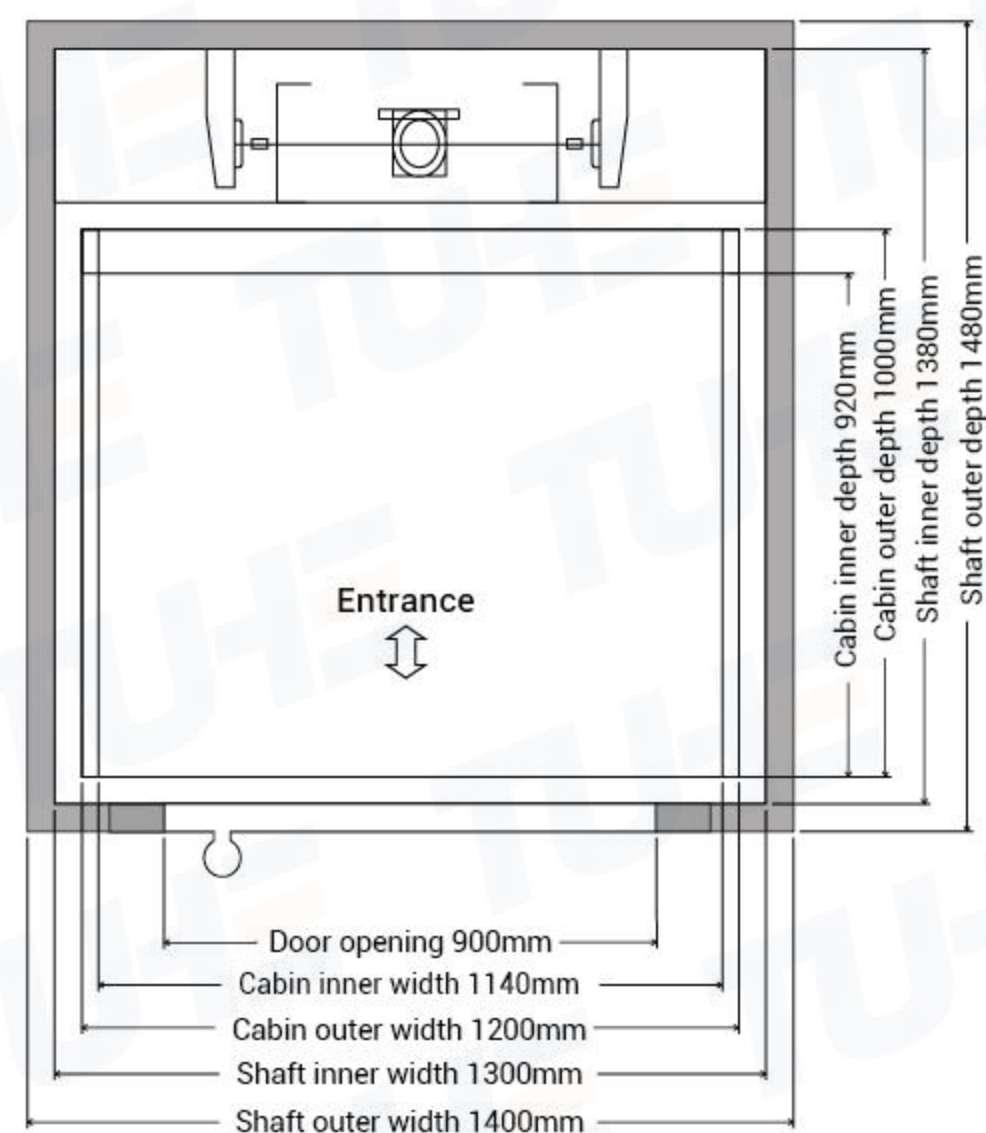
Shaft requirement

TUHE home lift is shaftless model, customers can build shaft by themselves, purchase glass shaft from us, or choose without shaft.



**SIDE VIEW**

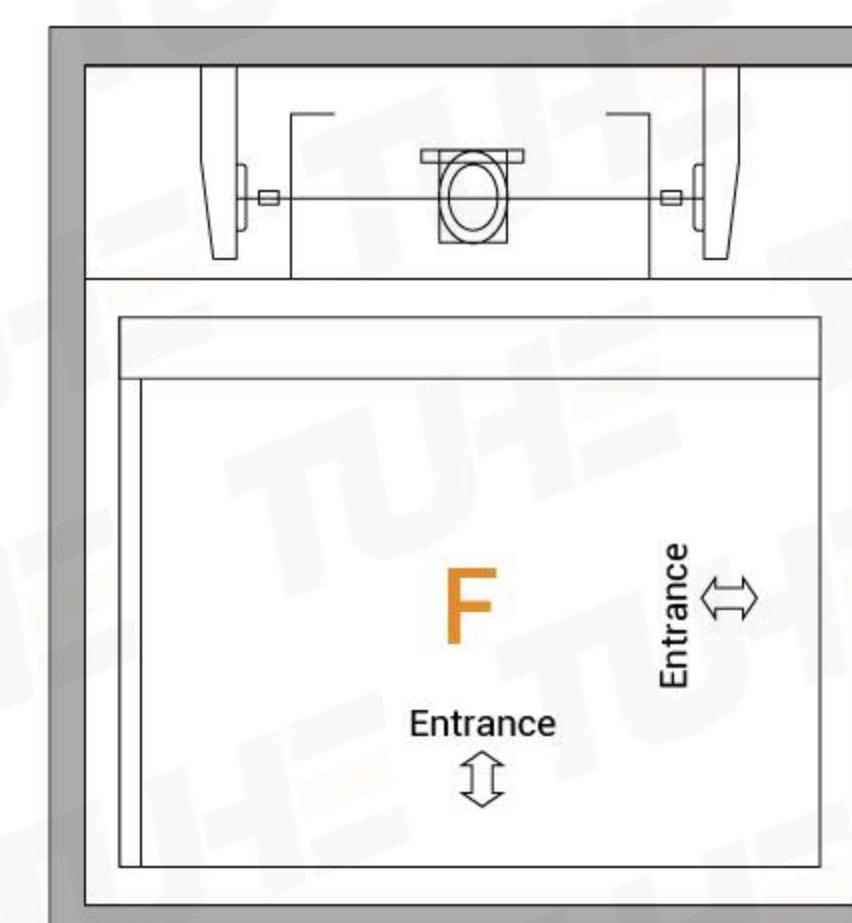
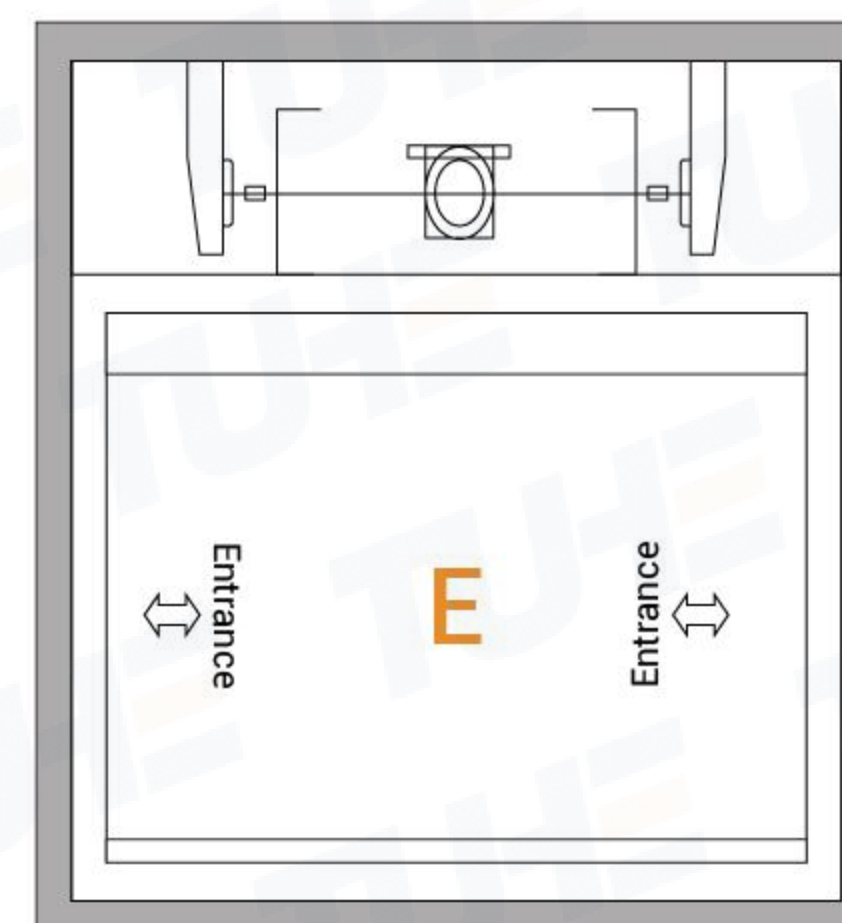
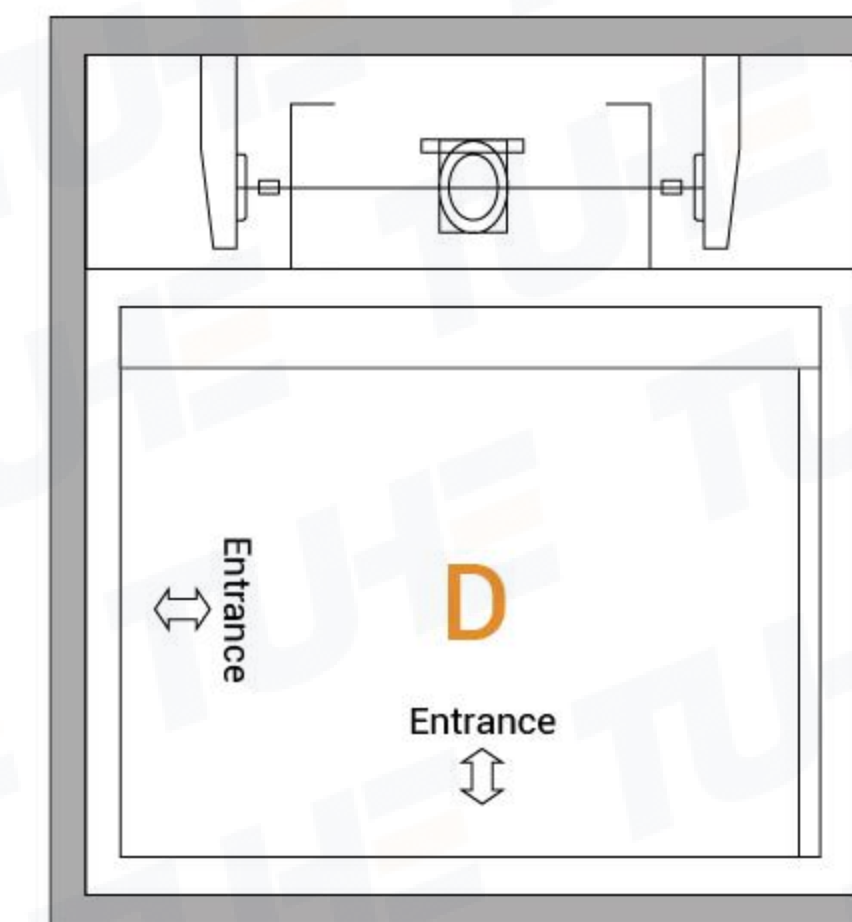
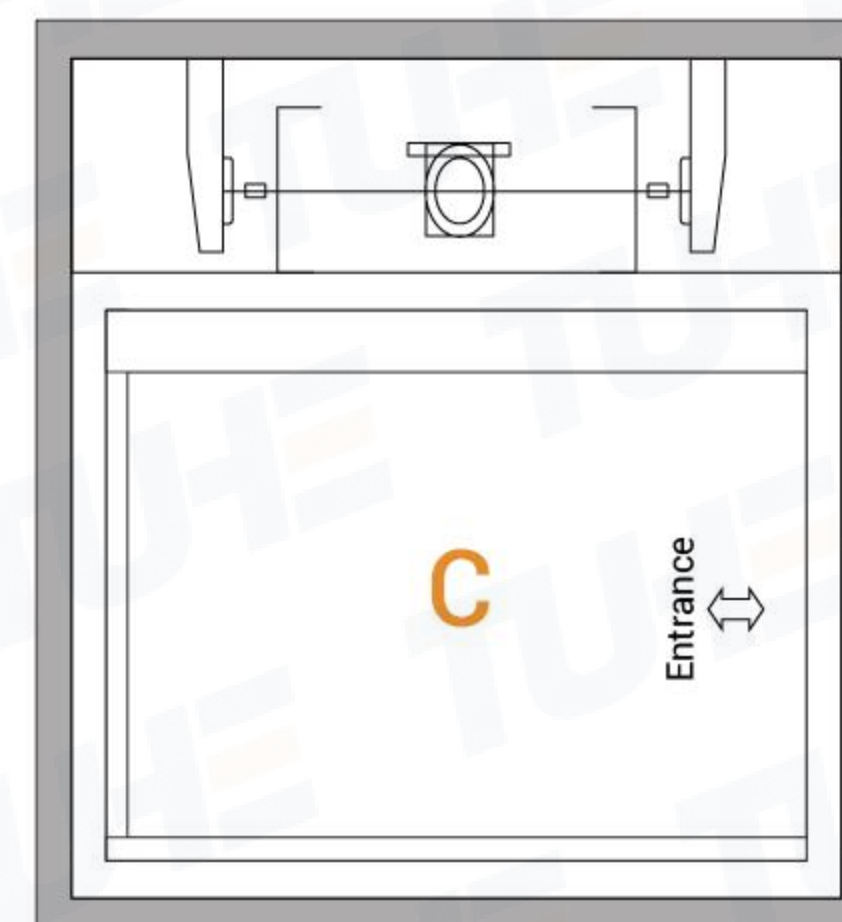
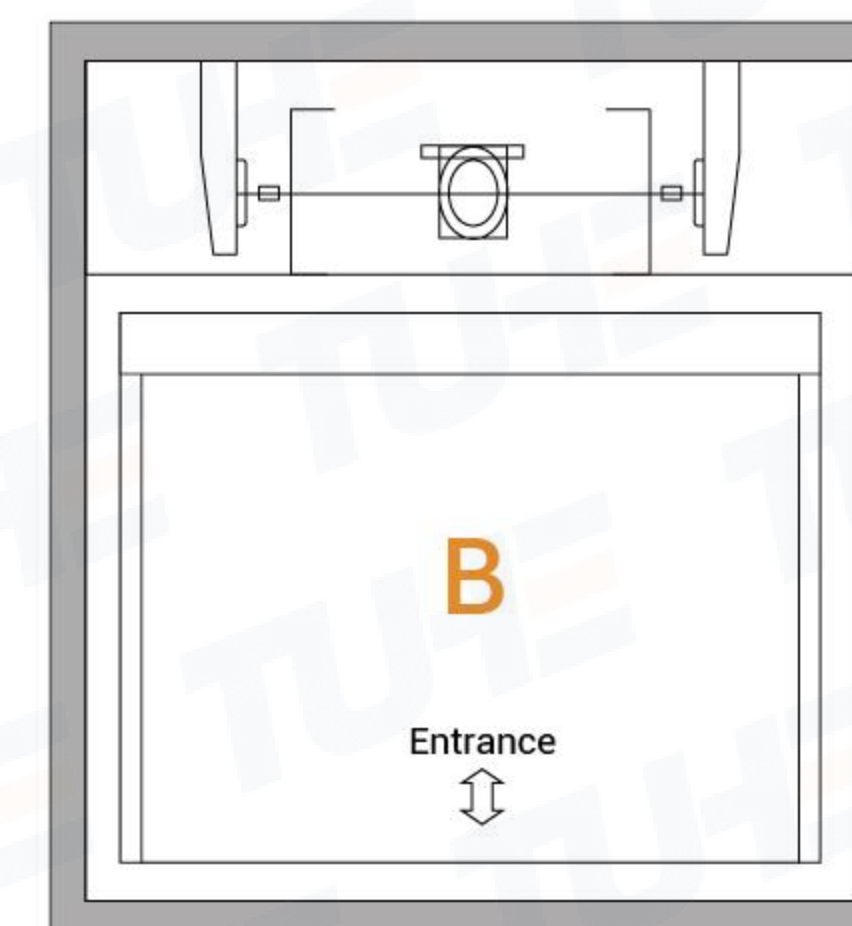
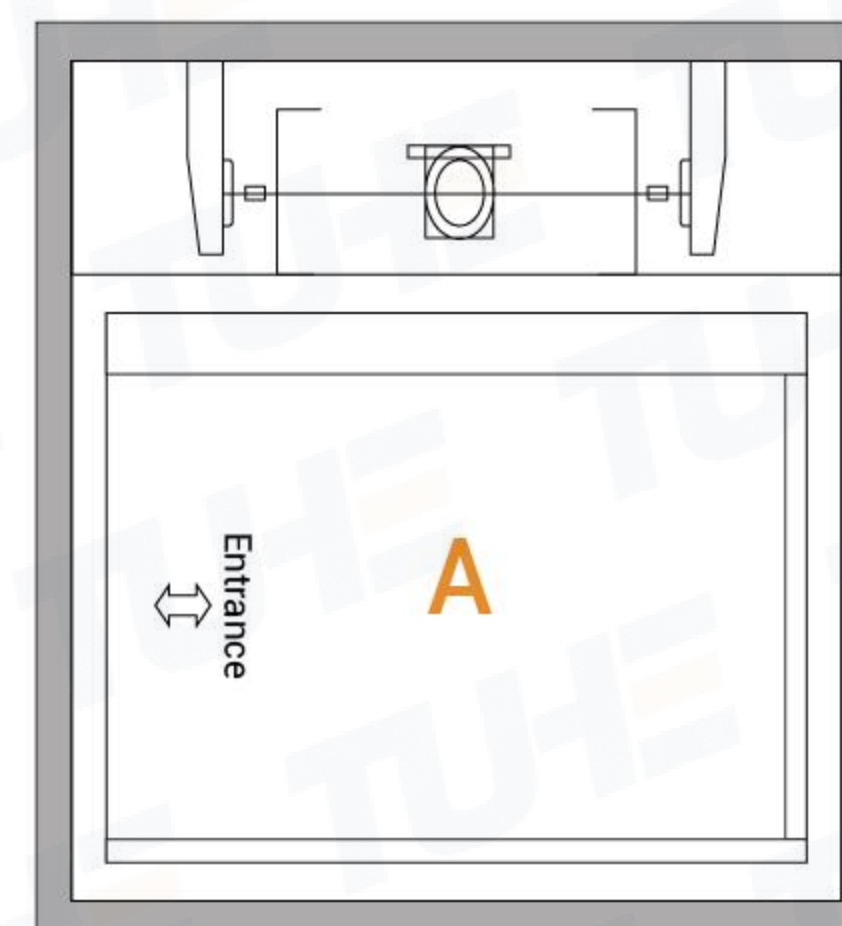
**TOP VIEW**



### TUHE home lift basic parameters

|                        |                                |
|------------------------|--------------------------------|
| Load capacity          | 400kg                          |
| Max. height            | 5 floors                       |
| Speed                  | 0.3m/s                         |
| Min pit                | 0                              |
| Overhead height        | 2200mm                         |
| Cabin entrance numbers | 1,2,3                          |
| Cabin door options     | Light curtain, folding door    |
| Landing door options   | Manual or automatic swing door |

The above dimensions are for design reference, and the specific dimensions shall be based on the civil engineering drawings provided at the time of contract signing



## Hydraulic Drive System

| Name                          | Model                                           | Material                              |
|-------------------------------|-------------------------------------------------|---------------------------------------|
| Electric Machinery            | 2.2kw-3.75kw50hz Leakage Protection             | Silent Variable Frequency Motor       |
| Hydraulic Pump                | Overload Protection Emergency Descent           | Component Material                    |
| Hydraulic Cylinder            | Hsg70/50/1.0t                                   | Bore 70                               |
| High Pressure Oil Pipe        | 2-12-40mpa                                      | 3 Layers Of Steel Wire+special Rubber |
| Hydraulic Oil                 | High Wear Resistant 32# Hydraulic Oil           | 32# Hydraulic Oil                     |
| Coupling                      | Conventional Parts                              | Component Material                    |
| Relief Valve                  | Conventional Parts                              | Component Material                    |
| Throttle Valve                | Conventional Parts                              | Component Material                    |
| Sealing Element               | Nok Ryt                                         | Silicon Rubber                        |
| No Setback Proportional Valve | Hydraforce Electro-hydraulic Proportional Valve | Solenoid Valve                        |
| Combined Pad                  | Nok Combination Pad 61-80                       | Metal Pad And Rubber                  |

## Electric Control System

| Name                | Model                |
|---------------------|----------------------|
| Control Box         | 400*500*200          |
| Frequency Converter | 200m-004g1b-jt       |
| Main Control Board  | Thzg-03              |
| Circuit Breaker     | Dz47sn2c32           |
| Guide Rail Socket   | Dz47x510             |
| Power               | S-200-24             |
| Safety Seat         | Rt18-32x             |
| Control Line        | Rv0.75 Rv0.1.5 Rv2.5 |
| Repeater Relay      | Rj2s-c1-d24          |
| Repeater Relay      | Jqx-13f[D]/2z        |
| Terminal Block      | Tb-2503              |
| Terminal            | Sv2-4                |
| U-shaped Guide Rail | Conventional Parts   |
| Fuse                | Ro15                 |
| Ups                 | Vd600a               |

## Lifting System

| Name              | Model                                            | Material                                |
|-------------------|--------------------------------------------------|-----------------------------------------|
| Countertop Panel  | 4mm Checkered Plate                              | 45#steel                                |
| Table Frame       | 50×50×4rectangular Tube                          | 45#steel                                |
| Guide Rail Frame  | 40×40×4rectangulartube                           | 45#steel                                |
| Equipment Track   | t75 Special Passenger Elevator Track             | Tsection Steel                          |
| Axle Sleeve       | φ100×15mmseamless Pipe                           | 45#steel                                |
| Bearing           | nsk6205bearing                                   | 6205                                    |
| Guide Shoe        | special Roller Guide Shoe For Passenger Elevator | 45#steel                                |
| Support Tube      | φ80×7.5mmseamless Pipe                           | 45#steel                                |
| Guide Beam        | 120×60×4mmrectangular Tube                       | Q235c                                   |
| Auxiliary Support | 80×40×4mmrectangular Tube                        | Q235c                                   |
| Boot Lining       | reinforced Boot Lining                           | High Wearresistant Nylon                |
| Lifting Frame     | high Strength Lifting Frame Factory Equipped     | 10mmthick45#steel                       |
| Steel Strip       | 12core Steel Strip                               | High Wear Resistant Rubber + Steel Core |
| Wire Rope         | 8×19s+nf-8mm                                     | Special Steel Core For Elevator         |
| Sprocket          | 0120round Steel And Bearing                      | 45#steel                                |
| Cylinder Lug      | 12mmsteel Plate                                  | 45#steel                                |

## Other Configurations

| NAME                                 | MODEL                                          | MATERIA L                    |
|--------------------------------------|------------------------------------------------|------------------------------|
| Car rear wall                        | Stainless steel plate                          | 304 stainless steel          |
| Car side wall                        | Stainless steel /aluminum alloy tempered glass | 304 stainless steel          |
| Lift car                             | Stainless steel plate                          | 304 stainless steel          |
| Car folding door                     | Aluminum alloy /tempered glass                 | 1.8mm aluminum alloy         |
| Landing door manual door             | Aluminum alloy+5mm tempered glass              | 2.2-3.2mm aluminum alloy     |
| Landing door electric double opening | Aluminum alloy+5mm tempered glass              | 2.2-3.2mm aluminum alloy     |
| Backplane                            | Etched stainless steel checkered plate         | Mirror /etching treatment    |
| Safety light curtain                 | 917B71                                         | 154 harness                  |
| lighting                             | 2.5cuntled lighting-6W                         | LED lighting                 |
| Aluminum alloy sightseeing shaft     | 2.2mm/3.5mm high strength aluminum profile     | 2.2mm/3.5mm aluminum profile |



## Our Service

Make your living more comfortable

"Customer first, we always provide comprehensive high-quality product and service"



### Before Deal

We provide quotation and drawing within 12 hours, you will get competitive price, prompt response and superior service.



### After Deal

We provide detailed contract and production plan, after we receive your down payment, we will start and finish the production as soon as possible.



### After Production

We provide photos for your checking, after we receive your balance payment, we will arrange the delivery in time.

# Customers Location

Our hydraulic elevator dealers are located worldwide, providing you with an unparalleled service experience. No matter where you are, our distributors will always provide you with high-quality hydraulic elevator products and professional technical support with care.

- |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |                                                                                       |                                                                                       |                                                                                       |                                                                                       |                                                                                       |                                                                                       |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| China                                                                               | Russia                                                                              | Thailand                                                                            | Guyana                                                                              | Malaysia                                                                            | Spain                                                                                 | Chile                                                                                 | Vietnam                                                                               | America                                                                               | Uzbekistan                                                                            | U.A.E                                                                                 | Peru                                                                                  | Mexico                                                                                | Kenya                                                                                 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Saudi Arabia                                                                        | Philippines                                                                         | Germany                                                                             | Pakistan                                                                            | Canada                                                                              | Nigeria                                                                               | Indonesia                                                                             | Switzerland                                                                           | Australia                                                                             | Cameroon                                                                              | Bulgaria                                                                              | Brazil                                                                                | Algeria                                                                               | UK                                                                                    |