

**TRACTION**

# **HOME ELEVATOR**

Focus on home elevators

## **model K600**

**HOT**

**Aviation aluminum alloy**

**wooden car**



# **6200**

 **DAEWOO  
ELEVATOR**

# S T A N D A R D S I Z E

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Specification

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Car decorations  
LOP  
Control box  
Standard automatic door  
Specification

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**HOT**

# K600-A

## Traction Home Elevator

### CAR DECORATIONS

#### 1.Ceiling

Aluminum alloy frame ceiling, high-quality LED light strips, blue or white color acrylic plate options.

#### 2.Cabin wall

Combination of craft wood board and aviation aluminum alloy, mirror stainless steel in the middle on both sides and high-quality LED light strips. The rear center is equipped with horizontal textured aluminum alloy armrests, and the front wall is painted with steel plates.

#### 3.COP

13-inch touch screen, can play music, control lights, fans, support telephone dial-up voice calls .



#### 4.Seven-layer composite wear-resistant PVC floor.

# Color options



Co  
opt

# Special LOP

7 color options,  
one elevator can math  
with different color buttons



blue



gold



black



red



grey



rose gold



silver



white display



blue display



red display



single button



double button

## STANDARD AUTOMATIC DOOR



The dark color car is equipped with 304D black titanium brushed stainless steel landing door as standard.



The light color car is equipped with 304D original color brushed stainless steel landing door as standard.

## A.Upright model



## CONTROL BOX FEATURES

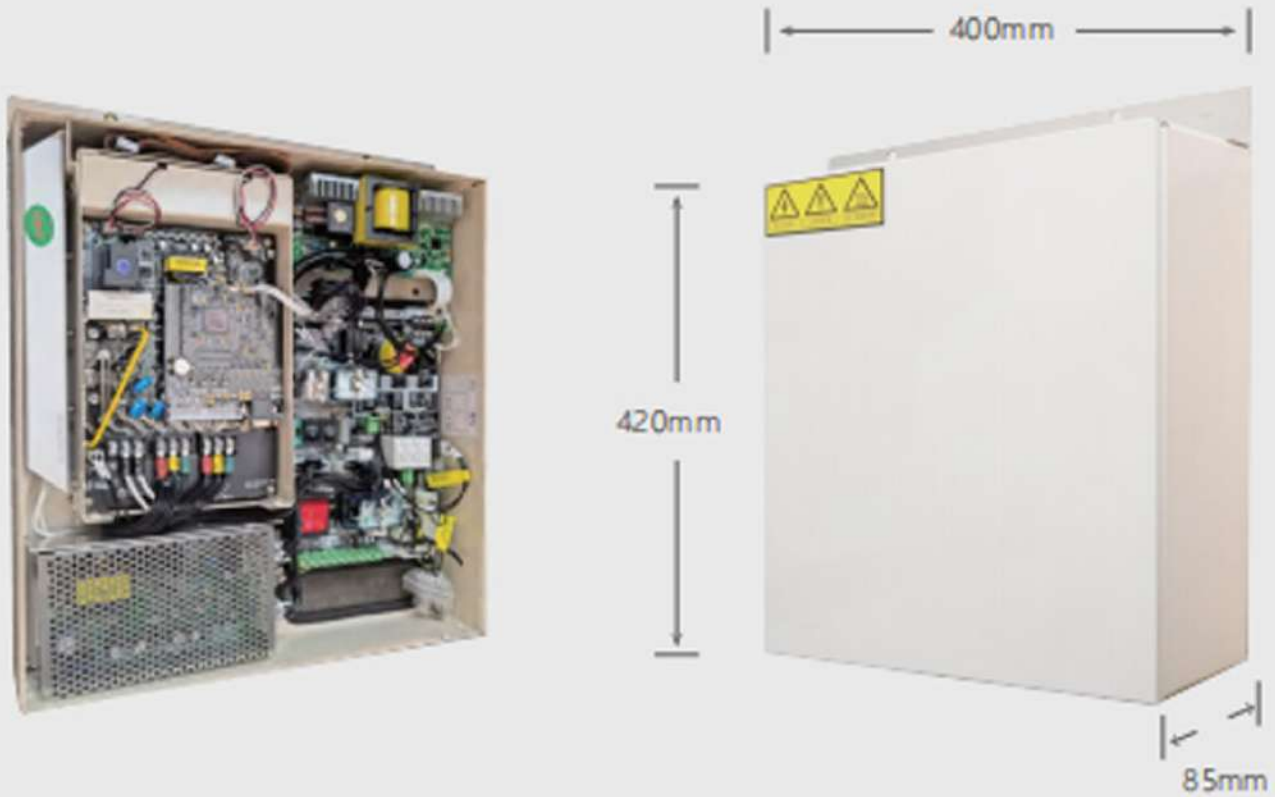
### 1.Refinement

- 1.Compact structure, fully modular and highly integrated integrated cabinet.
- 2.Concealed installation, can be integrated with interior decoration.

### 2.Silence

Non-contactor control technology, the noise is less than 40db during operation.

## B.Hanging model



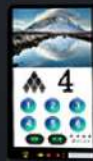
## 3.Safety

- 1.Built-in power failure emergency leveling, intelligent release power supply.
- 2.Multiple anti-trouble systems such as fault intelligent rescue and biometric identification.

## 4.Intelligence

Intelligent Control System, face control, gesture control, voice control, fingerprint control, card control, password control.





**HOT**

# K600-A

## Traction Home Elevator Specification

System	No.	Name	Brand	Origin
<b>Traction system</b>	1	Traction machine	Monadrive	
	2	Steel belt	Gaosheng	
	3	Guidewheel	TUHE	
	4	Rope anchors	TUHE	
<b>Electric control system</b>	5	Control box	Hpmont	
	6	COP/LOP	TUHE	
<b>Door system</b>	7	Door machine	Malmo	
	8	Landing door device	Malmo	
	9	Door sheet	TUHE	
	10	Landing door jamb	TUHE	
<b>Safety system</b>	11	Speed governor	Aodepu	
	12	Safety gear	Aodepu	
	13	Buffer	Lvdun	
	14	Limit protection	TUHE	
<b>Guide system</b>	15	T-rail	Ouliya	
	16	Guide shoe	TUHE	
	17	T-rail frame	TUHE	
<b>Cabin system</b>	18	Cabin frame	TUHE	
	19	Cabin wall	TUHE	
<b>Control system</b>	20	Motor	DAEWOO	
	21	Encoder	DAEWOO	
	22	Speed regulation device	Jiujiu	
	23	Power cable	TUHE	
	24	Signal cable	TUHE	
	25	Communication cable	TUHE	
<b>Counterweight system</b>	26	Counterweight housing	TUHE	
	27	Counterweight filler	TUHE	
	28	Compensation device	TUHE	



**HOT**

# K600-B

## Traction Home Elevator

### CAR DECORATIONS

#### 1. Ceiling

Aluminum alloy frame ceiling, high-quality LED light strips, blue or white color acrylic plate options.

#### 2. Cabin wall

Combination of craft wood board and aviation aluminum alloy, mirror stainless steel in the middle on both sides and high-quality LED light strips. The rear center is equipped with horizontal textured aluminum alloy armrests, and the front wall is painted with steel plates.

#### 3. Horizontal control box

Tempered glass, micro button, the standard position is above the handrail.



#### 4. Seven-layer composite wear-resistant PVC floor.

# Color options



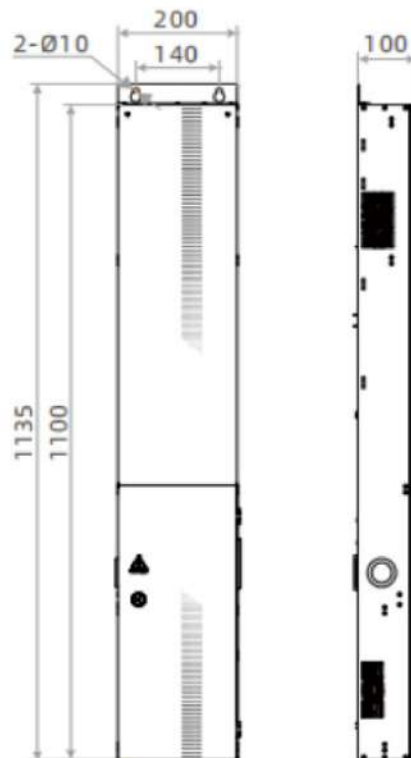
Co  
opt

# LOP

Tempered glass,  
micro button



## CONTROL BOX



### HPMONT V2 model

Machine room-less control cabinet size ratio design, the width of 200mm is convenient for handling and installation.

## STANDARD AUTOMATIC DOOR



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**HOT**

# K600-B

Traction Home Elevator  
Specification

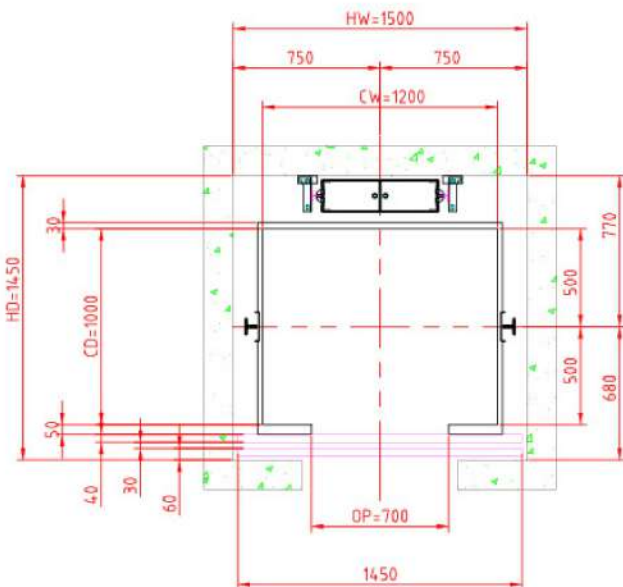
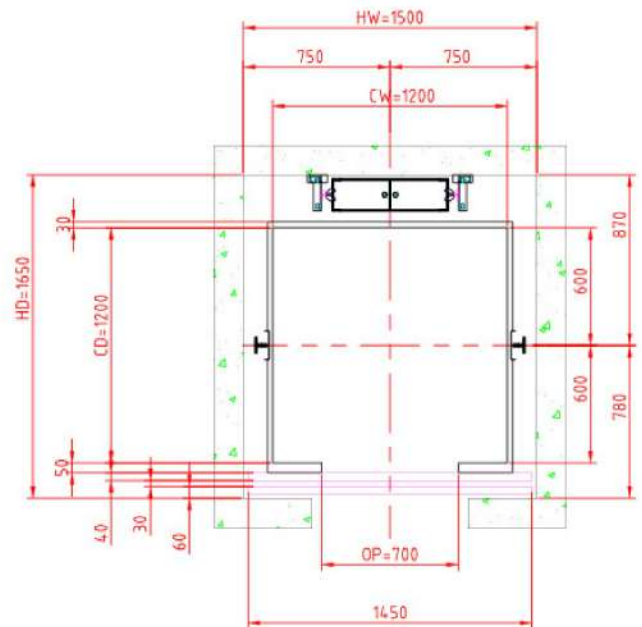
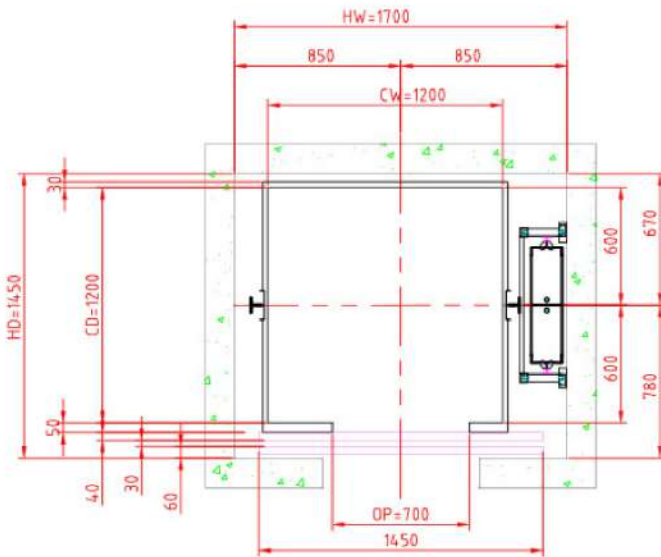
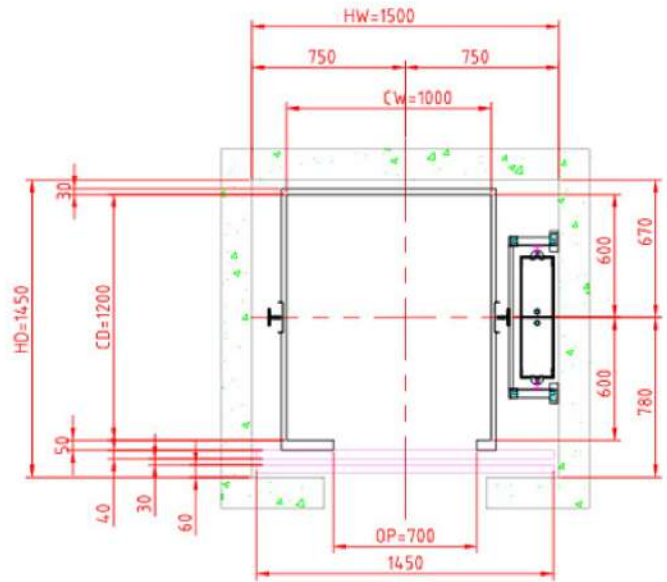
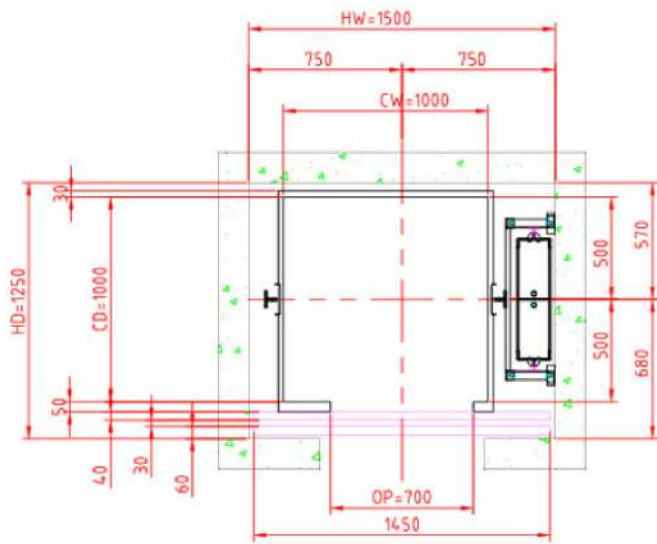
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**HOT**

# K600 Standard car size



**Pit  $\geq 150\text{mm}$**   
**Overhead  $\geq 2650\text{mm}$**   
**Car clear height  $2000\text{mm}$**

## K600 STANDARD FUNCTION

Name	Declaration
Emergency lighting in the cabin	When the lighting power supply fails, it automatically provides a rechargeable emergency power supply for the lighting in the cabin.
Register the call	Register the call instructions in the floor and cabin, and store them, the button light is on
Internet of Things	24 hours online monitoring, can be logged in to monitor the elevator status and important status in IE browser parameters. Maintenance records, operation reports, fault records and fault warning of important components, etc. At the same time, it can remotely guide the site personnel for debugging and maintenance.
Full load without stopping	When the load in the cabin reaches the preset value of full load, it will enter the full-load direct driving state, and the elevator will no longer answer the calls from outside the cabin, but will directly respond to the instructions in the car to reach the designated floor.
Overload does not start (Warning light and buzzer)	When the load of the cabin exceeds the rated allowable load, the overload buzzer will sound to indicate the overload. At this time, it shows overload, and the elevator cannot start.
Number of runs display function	For the convenience of maintenance, a counter is set in the elevator control cabinet to count the total number of times the elevator runs.
Control cabinet Emergency electric operation	Place maintenance operation switches, maintenance buttons and emergency stop devices on the cabin top and machine room. Cabin top maintenance takes precedence over machine room maintenance. After the maintenance operation starts, the car is prohibited from moving in response to other operations except for operations related to maintenance.
Cabin ventilation and lighting automatic control function	The fan and lighting are automatically controlled by the system according to the operating conditions of the elevator
Automatic fault detection function	Automatically detect all faults that occur in the elevator system
Light curtain door protection device	The door light curtain protection system forms an invisible light curtain protection safety net at the elevator door. the light is disturbed, the elevator will stop immediately. It cannot be restarted until it returns to normal
Bottom buffer	Set buffer parts at the bottom of the hoistway to ensure the safety of passengers/cargo

Name	Declaration
Door safety	When the elevator is not in the door opening area, the door cannot be opened
Pre-torque output	The system predetermines the output torque according to the load of the car, so that the elevator can start smoothly
Grid voltage fluctuation detection function	When the lighting power supply fails, it automatically provides a rechargeable emergency power supply for the lighting in the cabin.
Emergency lighting in the cabin	When the grid voltage fluctuates too much, the system enters the self-protection state
Relay check protection	When the relay fails, the system will record the fault and enter the self-protection state
Speed feedback detection function	When the elevator running speed is abnormal, the system enters the protection state
Fault low-speed self-rescue function	When the elevator is in the non-inspection state and does not stop at the leveling area. At this time, as long as the safety requirements for starting are met, the elevator will automatically run to the nearest leveling area at a slow speed, and passengers can open the door and leave the elevator safely
Non-stop layer setting	No stop when passing the set floor
Well self-learning	In the maintenance state, it runs upwards from the lower limit switch to the upper limit switch, and measures the data of the door area position and the hoistway switch position of each floor, and saves them permanently
Reverse run protection	When the system detects that the running direction of the elevator is inconsistent with the command direction for 3 seconds, it will immediately stop in an emergency, give a fault alarm, and prohibit all actions of the elevator before the CUP is reset.
Safety Loop Protection	The safety circuit is disconnected, and the elevator will stop running immediately
Limit protection	When the system detects the action of the limit switch, it will stop the elevator running immediately

# K600 STANDARD FUNCTION

Name	Declaration
Upper and lower limit protection device	When the system detects the action of the limit switch, the whole system will be powered off immediately
Door Interlock Protection	All door interlocks are closed, the elevator can run. If the door interlock is disconnected or shakes during operation, the elevator will stop running
Power failure emergency leveling	When the external power grid is in a power-off state: If the elevator is not at the leveling position, the power failure emergency rescue system will rely on its own power supply system to control the elevator to run to the leveling position at the inspection speed in the direction of light load, and open the elevator door lock; If the elevator is in the leveling position, the power failure emergency rescue system will control the elevator to open the elevator door lock
One touch dial function	When in the elevator, when it is necessary to contact the duty room or an external telephone urgently, as long as the button is pressed for 3 seconds, the call can be made in the pre-stored order until the call is made. The pre-stored phone number can be a mobile phone number or a landline phone number.
Run contactor protection	The system can detect whether the action of the motor circuit contactor is reliable. If an abnormality is found, the elevator will be stopped
Brake detection protection	Real-time monitoring of the opening and closing of the brake through the brake arm detection switch. When the brake is not opened as required, the system will terminate the elevator start
Electric brake release rescue	In the unbalanced state, the remote electric brake is released, the cabin slides slowly, and the automatic alarm is activated after entering the entrance area, and the door is manually opened for rescue.
Manual layer selection	Through the key operation of the liquid crystal display in the control cabinet, the internal selection registration is carried out
End station speed change and floor number correction	After the system detects the terminal switch during operation, the elevator will force the speed change and automatically correct the floor display
Driver overheating protection	When the temperature of the host computer exceeds the set value, the system stops power supply and is forced to stop
Voice Announcement	When the cabin arrives at the landing station, a voice message will be played automatically to remind passengers.



# TRACTION HOME ELEVATOR



**DAEWOO**  
ELEVATOR

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