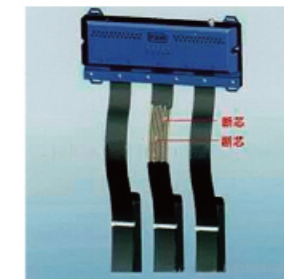


STEEL BELT HOME ELEVATOR

It puts out second generation elevator which is significant to traditional vertical elevator. It firstly applies the more energy-saving, environment-protection and durable composite steel band in the world. It matches with multiple leading international technologies such as effective energy-saving host, variable frequency door machine, safe and reliable light curtain door protection device etc. It brings the development of vertical transport elevator to a new stage.

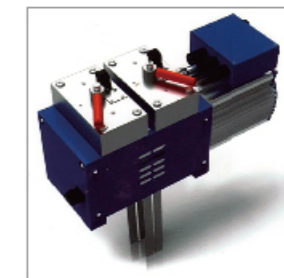


Special-purpose steel band and protection device



Broken steel band detector

Strands are re-arranged. Flat design enlarges the contact area. It enhances the traction frictional force. Polyurethane cladding protects wire rope strand, reinforces its flexibility. It reduces wear-ability of traction sheave. Steel band needs no extra lubrication. It has no oil stain pollution. Compared with wire rope, it has the lower vibration amplitude. It travels more smoothly and comfortably. It is lighter than traditional wire rope. It saves the electric energy. Its service life is longer than that of traditional wire rope.



Special-purpose home-use steel band traction machine





TRACTION TYPE HOME ELEVATOR

It applies the mainstream traction drive mode in the elevator industry. It has the advantages such as sensitive, prompt, convenient, smooth and comfortable travel, energy-saving, environment-protection etc. It satisfies different villa structures by advanced machine room-less structure, small covering area, low construction layout requirements.

Characteristics of a traction type home elevator

- ◎ It does not need machine room. It saves the building cost.
- ◎ It applies counter level style and gantry style elevator structure according to door opening requirements of the housing structure.
- ◎ VVVF drive technology: Home elevator dedicated micro-computer control is smooth and comfortable.
- ◎ Special traction machine base frame is fixed on guiderail. The building does not bear any load.
- ◎ Machine: It can apply 220V single-phase power supply of ordinary family use. It does not need to apply for industrial power supply.
- ◎ Automatic door operator: Variable frequency energy-saving, safe and reliable
- ◎ UPS (backup) can release the passengers during power failure.
- ◎ In the operation, total rated power is 1.5KW including 1.1KW for drive system.





Safe & reliable Guaranteed quality

High technology Accurate leveling

It needs no top-floor machine room with convenient installation

Autors hydraulic drive home elevator applies fully imported GMV oil cylinder, pump station, control valve from Italy. Its precision proportional valve can fulfill step-less speed regulation with smooth elevator operation.



HYDRAULIC TYPE HOME ELEVATOR

Features of hydraulic drive home elevator

- © It does not require any high requirements and high cost machine room in the upper part of the well. It can be as high as the roof.
- © Flexible setting of the machine room: hydraulic drive system uses oil pipe to transfer the motive power. Machine room can be placed beside the well. And machine room only covers an area of 2 m² to 3 m².
- © High utilization rate of the well: Counterweight is not required for hydraulic elevator. It enhances the utilization rate of the well area.
- © Low intensity requirements of the well structure: The vertical loads such as car dead-weight, load of hydraulic elevator etc. act upon the well ground through the hydraulic cylinder. It has low requirements towards the building performance of the well wall & top.



CAR DECORATION



AT-V01

Ceiling : Hairline stainless steel, acryliclight decoration, LED lighting
Car wall : Hairline stainless steel
Handrail : Stainless steel pipe armrest
Floor : PVC



AT-V07

Ceiling : Mirror stainless steel, acrylic light decoration, LED lighting
Car wall : Made-up steel plate
Handrail : None
Floor : PVC



AT-V08

Ceiling : Mirror stainless steel, LED lighting
Car wall : Wood grain decoration panel, made-up steel plate
Handrail : None
Floor : PVC



AT-V09

Ceiling : Titanium gold mirror stainless steel, acrylic light decoration, LED lighting
Car wall : Titanium gold etched stainless steel, mirror etched stainless steel
Handrail : None
Floor : PVC