Safeelevator Co., Ltd.
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Safeelevator Co., Ltd. is one of the leading manufacturer and exporter of elevators in China for more than 30 years, works as subbranch of HF Group. We are always focusing on the perfect vertical & horizontal transportation solutions.

We centered on customer-oriented, responsibility and good faith to ensure our service quality. Insisting on the production soul of "Top quality & Amazing price", our products enjoy a great popularity in many countries of Asia, Africa, Europe and Oceania. "Let the global people to enjoy safe and comfortable riding by Safeelevator" is our mission. We will always be looking for superior partners and integrate global elevator resources & marketing with unremitting effort!
The truss utilizes first class rectangle steel with unique structure, high strength and nice anti-corruption durable features.

The overall design is concise and smooth and compatible.

The advanced international craftsmanship ensures the accuracy of steps.

The large size diameter of step roller operates minimizes the noise and prolongs the product life.

The human oriented handrail entrance is secured by brush.

The skirt together with interior and outside deck uses duplex stainless steel.

Stamping stainless steel front panels are available with various varieties.

It adopts belt braking system controlled by braking motor which brakes smoothly and reliable.

The super CPU main board monitors the operation in real time. If any abnormal situation occurs, it automatically brakes and records the malfunctions code.

Customer can choose VVVF drive to control running speed, the energy saving performance is obvious. It can prolong product life and reduce the operation cost.
Operation management

Elevator object network monitoring system

Elevator network is to solve the current elevator safety issues proposed concept, data acquisition part, data transmission part, the central processing part and application software together constitute a complete elevator object monitoring system. In order to achieve the relevant units of the elevator real-time effective supervision and maintenance.

Testing center

We have professional testing equipment 11, to undertake the detection of elevator locks, door machines, floor doors, speed limiters, photoelectric switches, buttons, traction wire rope, escalator roller, handrail, metal mechanical properties, salt spray test project 20 Balance item. Testing center in the "scientific management, standards, objective and fair, accurate and timely" approach, strict control management, to meet the production and quality inspection needs.
Escalator-Profile

Our serial escalator products are produced against international standard. It fully applies novel materials and advanced technology on escalator design and manufacture. It has the features such as smooth running, low noise, fine durability, convenient repair, fine and exquisite structure, consummate lift way, remarkable belt way, attractive outline model, magnificent design style with gentle modern flavor, a safe, cozy and beautiful escalator can let you enjoy the pleasant comfortable moment every day.

Our serial escalator are featured with exquisite design, environmental protection and high quality. We always provide customer with the most convenient maintenance and after service.

Indoor public transport type escalator

The city rhythm is getting faster and faster, people's requirements on travel environment, comfort are getting higher and higher, our series indoor public transport type escalator creates modern indoor transportation hubs with advanced science and technology, and the product application scope covers the subway, stations airport and other indoor public transport places.
Outstanding technology

Standard functions

Skirt panel brush
The skirt board brushes, mounted on both sides of the skirt board and located above the steps, can not only avoid the passengers, shoes to collide on the skirt boards but also effectively avoid the entry of foreign objects into the steps.

Handrail inlet
The escalator is richly endowed with the intelligence and popularity by the novel, distinctive, elegant, tensile and modernize streamline handrail inlet and outlet design model. It display the nobleness and imposing manner of the conveying constructions.

Side guide high accuracy step guide rail system
High rigidity profile guide rail with nose used as transvers step positioning, guarantee the minimum gap between the skirt and step, decrease the possibility of objects clamp in between.

Automatic oiling
PLC control automatic oiling and lubricating system, it not only reduces the daily repair and maintenance word load, but also prolongs the service life of the driving mechanism.

Driver protection strand breaks
When the drive chain excessive tensile fracture the escalator stops automatically to protect the safety.

Fault display
It unsures the effective and accurate trouble position within the shortest possible. Therefore, it greatly enhances the repair and maintenance efficiency.

Handrail speed
When handrail running speed and running speed ratio exceeds cascade system settings, escalators stopped running.
Outstanding technology

Optional functions

Comb lighting
Lighting was installed near the apron panel beside the comb plate, to provide lighting for the steps and the comb plate to facilitate passenger safe ride.

Skirt-board lighting
Two sides LED lighting lamp, with the clear effect on the evening of step running.

Running direction indication
The running direction and forbidden display mark have been placed in the intel and outlet of the handrail. The obvious running or forbidden instruction ensures the safe riding of the passengers with great ease.

Heating device
Each escalator usually installs three heating devices. One is beside the host in the upper machine room. It mainly heats the host. The second is installed in the mid escalator. And the third is in the lower part. It mainly heats the whole escalator.

Voice HMI system
When installed in the entrance for passenger, the voice prompts to take precautions.

Handrail Color (optional)

- Blue
- Green
- Light brown
- Gray
- Red
- Orange
**Escalator**

**Technology Advantages**
1. VVVF drive
2. Stable safety system
3. Perfect running performance
4. Advanced control system (German technology)
5. Comfortable and efficient
6. Lower noise and energy-saving

**Escalator specifications**

<table>
<thead>
<tr>
<th>Standard configuration</th>
<th></th>
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</thead>
<tbody>
<tr>
<td>Inclination (°)</td>
<td>30(35)</td>
</tr>
<tr>
<td>Step width (mm)</td>
<td>600x800/1000</td>
</tr>
<tr>
<td>Horizontal steps</td>
<td>2/2/3/2(for 30°), 2/2/7 for 35°</td>
</tr>
<tr>
<td>Speed (m/s)</td>
<td>0.5</td>
</tr>
<tr>
<td>Motor power</td>
<td>8/12/15kW</td>
</tr>
<tr>
<td>Handrail bracket</td>
<td>Stainless steel</td>
</tr>
<tr>
<td>Rise height for 600</td>
<td>3000≤h≤6000/6000≤h≤7200</td>
</tr>
<tr>
<td>Rise height for 800</td>
<td>3000≤h≤4800/4800≤h≤6000/6000≤h≤6400/6400≤h≤7200</td>
</tr>
<tr>
<td>Rise height for 1000</td>
<td>3000≤h≤4800/4800≤h≤6000/6000≤h≤6400/6400≤h≤7200</td>
</tr>
</tbody>
</table>

**Handrail color**  
Black (standard)

**Glass wainscot color**  
Colorless and transparent (standard)

**Balustrade height**  
1000mm (standard)
Layout Plan

- **Single-set installing**
  The single-set escalator is used to link two floors. It is applicable to the building the passenger flow moves toward one direction.

- **Paralleling installation**
  It can be used for two-way traffic, with small installing area and flexible setting, but the traffic between floors are not continuous, which is not convenient for customers, whereby the merchants can make more demonstrations.

- **Cross installation**
  It can be used for two-way traffic, and served for two running directions, which saves building space, and reduces the running time between floors. It is mainly used in superstore or public places.

- **Shear V shape installation**
  The continuous traffic can be realized, the upward and downward directions are separated clearly, and the appearance is luxury. However, it requires a big area to install, which is mostly used in middle and small department stores.
1. Lack of phase, error phase protection:
If lack of phase (moving-walk) will or error phase has been checked out, the escalator automatically stop the operation.

2. Motor over-load protection:
When the current exceeds 15% of the current rating, the escalator will automatically slop the operation.

3. Electrical appliance loop protection:
It offers the automatic circuit disconnecting device to protect the circuit and mains components of the escalator (moving-walk).

4. Handrail inlet protection:
When some foreign substance has been clipped in the handrail inlet, the escalator (moving-walk) will automatically slop the operation.

5. Comb plate safety device:
When some foreign substance has been clipped in or between the combs. the escalator (moving-walk) will automatically stop the operation.

6. Step sagging protection device:
When there is abnormal step bending, the escalator (moving-walk) will stop the operation before the step entering into the comb plate.

7. Broken drive-chain safety device:
When the drive-chain has been over-stretched or it is broken, the escalator (moving-walk) will automatically stop the operation.

8. Broken step chain protection:
When the step (plate) chain has been over-stretched or it is broken, the escalator (moving-walk) will automatically slop the operation.

9. Over-speed protection:
When there is over-speed to the escalator (moving walk), it will automatically stop the operation.

10. Direction reversal protection:
When it comes the unintentional reversal of the direction of travel, the escalator (moving walk) will automatically stop the operation.

11. Security line:
The yellow synthetic resin security line is located in the front position and two sides of the escalator tread so that the passengers will not tread in-between the edge of the adjacent step and the group lengthened skirt panel. The security line on both sides of the step is higher than the tread surface. (The moving-walk offers the selective yellow spray-palmed security line.)
From building projects for customers to lifelong service of the products, SafeElevator provides customers with meticulous services throughout all the procedures.

24-hour customer hotline setted for troubleshooting offers high-quality after-sales service within the shortest period.

Full service, heart-to-heart connection

Our service not only ensure your security, but also guarantee your investment in the equipment aspects. Then true service is to foresee and satisfy the special requirements from vast customers because the services's definition varies according to the customer's demands. Therefore, we should have the extensive methods to satisfy these requirements.

Service Center

From building projects for customers to lifelong service of the products, SafeElevator provides customers meticulous services with great consideration through all the procedures.

Enjoyable Service

Monitor network

SafeElevator elevator regularly assigns staff to detect your equipment's operation conditions and provides the most professional maintenance.

24-hour urgent air service

24-hour customer hotline setted for troubleshooting offers high-quality after-sales service within the shortest period.
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