



## Schematic diagram of handrail coil operation



## Handrail User Tips

Attention must be paid to following items in order to use the escalator rubber handrail reasonably, maintain its good performance and prolong the service life:

- I. Automatic escalator manufacturers shall select handrail with same type as escalator;
- II. During handrail transportation and storage:
  1. Damage to package shall be avoided. Exposing under direct sunshine or drench is not allowed;
  2. The handrail shall be placed horizontally and no piling up is allowed for excessive materials. The storage time shall not surpass two months to prevent the handrail from serious deformation and cause difficulty to commissioning.
  3. Handrail contact with oil, acid, alkali and sharp goods etc. is strictly prohibited.
  4. The handrail storage temperature shall be  $-35^{\circ}\text{C}$  and the humidity shall be in the range of 60%-80%.
- III. Hand rail installation & commissioning:
  1. After the hand rail is unpacked, technical measures must be taken to ensure no damage to the rubber surface and metal framework.

The bending radius of the both ends of the handrail shall not be smaller than 300 mm during transportation/handling.
  2. Before installation and commissioning, the roughness and installation parallelism of the accessories contacting the handrail shall be checked to prevent the handrail from mechanical damage.
  3. After the escalator installation and commissioning, the handrail installation shall not be over-tight or over-loose. Friction in running must be rolling type to avoid heating and damage.

4. After the handrail installation and commissioning, the bending radius of the both ends of the handrail shall not be smaller than 300mm if

the handrail is removed and plastic film wrapping is restored. Do not keep the handrail in tightened condition on the escalator for long.

5. After installation and commissioning by the user, the escalator must be run several minutes per week to prevent chap and distortion

from occurring at the turning point (Concentrated stress) of the both ends of the escalator due to long time of handrail stay if the

escalator is not used for a certain period.