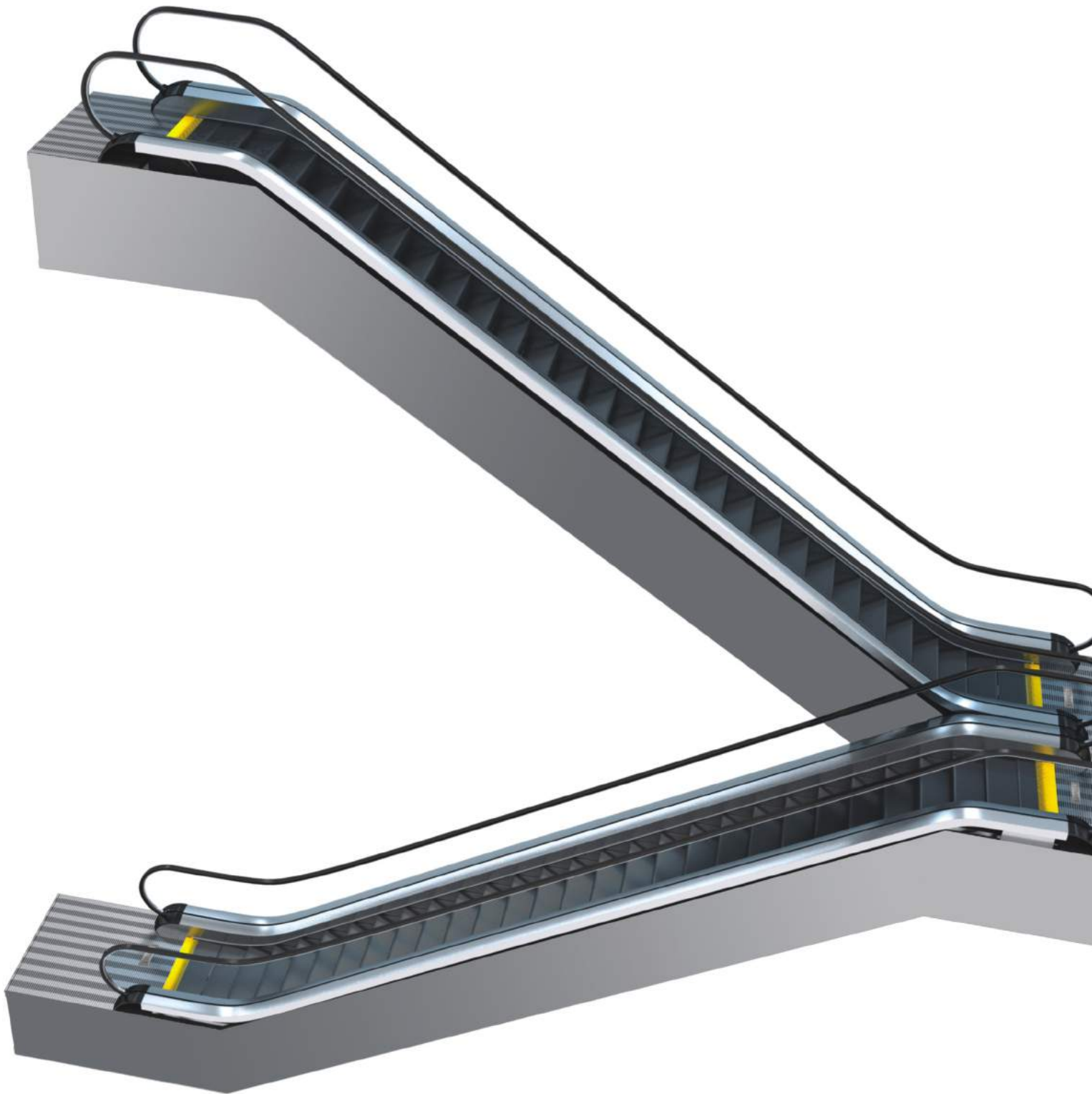


ESCALATOR SERIE



30°_ 35°

ESCALATOR SUMMARY

Escalator is widely applicable in the occasions with large passenger flow, such as shopping center, supermarket, subway, airport. Escalator is equipped with good features and exquisite structure, superior step, delicate belt, remarkable outline model and so on. It is richly endowed with modern flavor.



ADVANTAGEOUS PERFORMANCES OF ESCALATOR

- ◎The truss utilizes first-class rectangle steel with unique structure, high strength and nice anti-corruption durable features.
- ◎The overall design is concise, smooth and compatible.
- ◎The advanced international craftsmanship ensures the accuracy of steps.
- ◎The larger diameter of step roller operates reduces the noise and prolongs product's life.
- ◎The human-oriented handrail entrance is secured by brush.
- ◎The skirt, inner & outer deck is made of stainless steel, looks more luxury.
- ◎Panel of landing plate with etched stainless steel are available with different varieties.
- ◎It adopts belt braking system, is controlled by braking motor which brakes smoothly and reliable.
- ◎The super CPU main board, monitors the operation in real time, stops driving and records the malfunctions code when finding abnormal situation.
- ◎Automatic startup & stop, control running speed according to passenger flow, save energy, prolong product's life and reduce the operation cost.

MOVING WALK SUMMARY



Moving Walk

Moving walk brings a new simple and comfort shopping level for people. It creates an easy and safe access for people to every place of the building, even equipped with full good. Blending technology and fashion, globally recognized as escalator and moving walk specialist. This innovative solution is an asset to any high-quality shopping experience. Moving walk, puts safety in the first place in designing, passes strict text to ensure maximum safety.

0° - 12°

COMPACT STRUCTURE, FREE STRAIN:

Short steps greatly reduce space span, which flexibly fits the building structure and save the construction space for customer. It comprises H version (horizontal), I version (incline) and C version (compact), which meets customer's different choice on his original layout.

CONFORM TO QUALITY / SAFETY STANDARD:

Slip-free grooves on step surface have an excellent slip-proof function which makes a safe and comfortable passing. Slightly inclined combs make trolleys easily get on and off. Specialized traction machine, which has complete protecting function, runs smoothly and drives efficiently. Advanced microcomputer controlling system can fully monitor the running status of moving walk.

STABLE AND RELIABLE INVESTMENT:

The step is directly connecting with the chain that makes the running more smoothly and quietly. Thus the service life is extended and its maintenance can be more convenience. Special designed big wheel handrail drive make running in low noise but big power, which improves the running condition of handrail, prolongs its life. Unique tube structure has a big loading capacity, which greatly improves running stability and service life.

COLORFUL DECORATION:

Various styled handrail can meet personal demand in different environment. Beautiful stainless steel floor plate looks more stereo. Inner and outer decking adopts top-quality stainless steel.

INCOMPARABLE ECONOMY:

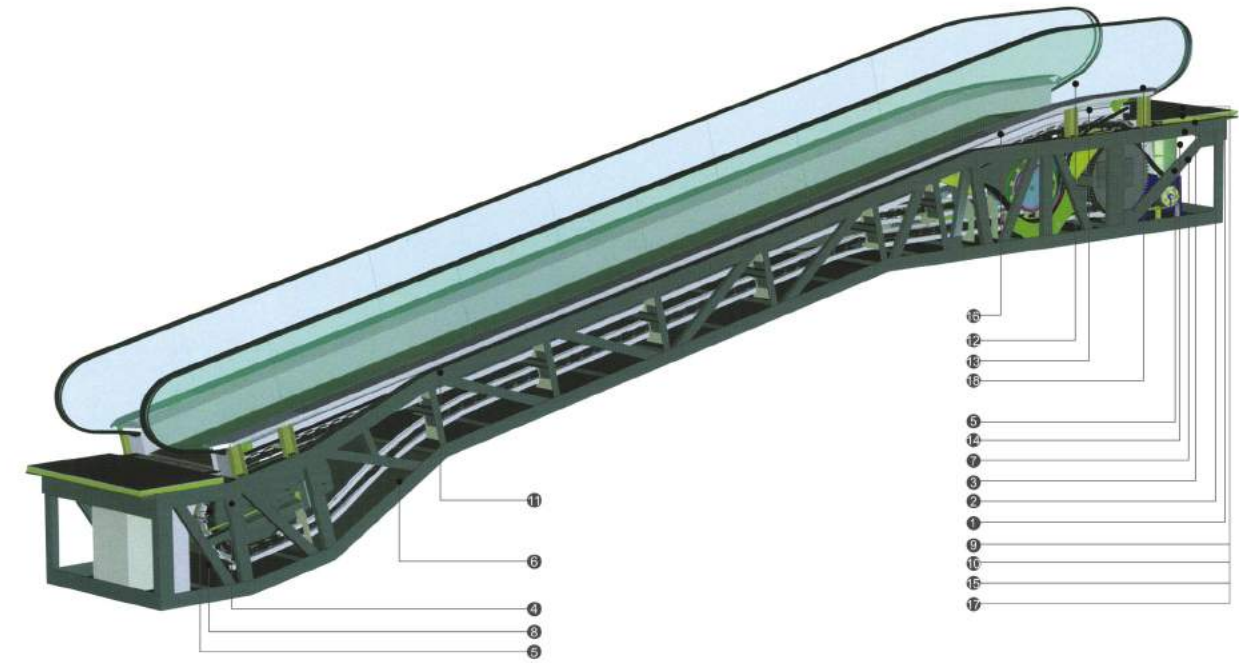
Moving walk fully utilizes advanced manufacturing process, greatly improves product performance and service life, which leads to customer's operation cost reduced. The optional VVVF drive technology contributes to great energy-saving, running cost reduction.



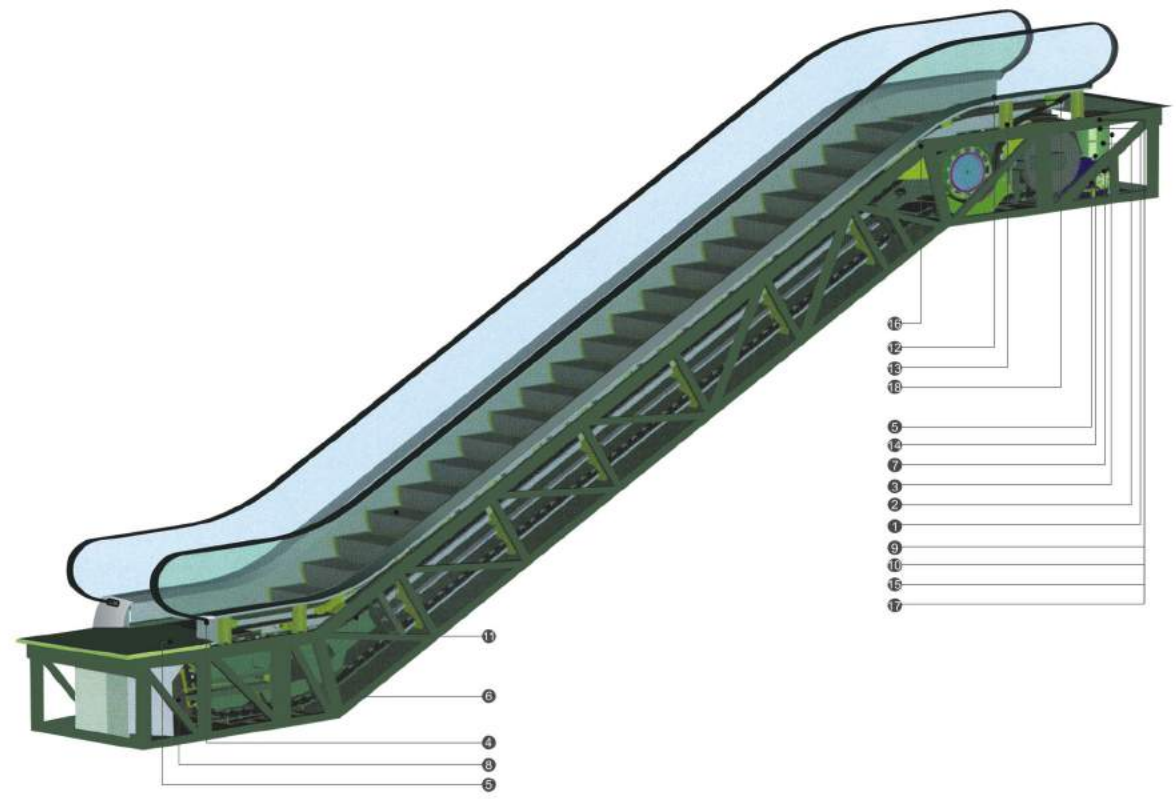
STRICTLY DESIGNED SAFETY DEVICE

Moving Walk Safety Device

- 1 Lack of phase,error phase protection:**
If lack of phase or error phase has been checked out, the escalator (moving walk) will automatically stop the operation.
- 2 Motor over-load protection:**
When the current exceeds 15% of the current rating, the escalator will automaticall stop 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 stop 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 stop 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 refers to the unintentional reversal of the direction of travel, the escalator (moving walk) will automatically stop the operation.

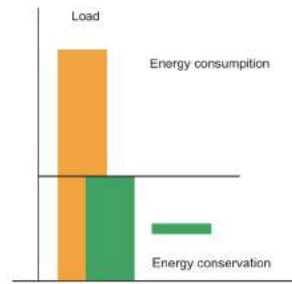


Escalator Safety Device



- 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 lift group lengthened skirt panel. The security line on both sides of the step is higher is higher than the tread surface. (The moving walk offers the selective yellow spray-painted security line.)
- 12 Emergency stop button:**
When the button has been pressed down ,the escalator(moving walk)will stop the operation.
- 13 Skirt panel protection:**
When some foreign substance has been clipped in between the skirt panel and the skirt panel and the step, the escalator(moving walk)will automatically stop the operation.
- 14 Brake protection:**
When some electric force falls short of supply or it acts any of the safety devices, the brake function goes into effect by the safety device through the spring resilience action. In this way, the escalator (moving walk) stops the operation.
- 15 Safety inspection switch:**
It is a safety device to prevent from the escalator starting during the inspection and maintenance.
- 16 Step illumination:**
Illumination exists in the upper and lower ends of the escalator, in the lower part of the step in order to remind the passengers of the security matters.
- 17 Alarm bell staring device:**
The alarm bell rings when it starts the escalator in order to remind the passengers of the security matters.
- 18 Control device for handrail breakage:**
When the handrail is broken, the escalator will automatically stop the operation.

OPTIONAL FUNCTION



OIL / WATER SEPARATOR (APPLY TO OUTDOOR TYPE)

It separates the escalator oil and water. Rain exhausts through oil / water separator. We regularly clean oil mainly for the environmental protection purpose.

RUNNING DIRECTION INDICATION

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

COMB LIGHT

The illumination has been installed in the skirt panel near the comb plate. It offers the lighting for the step and the comb plate. It is more convenient for the passengers to up and down.

AUTOMATIC START / STOP

The sensor is near the floor plate to detect the approaching passengers and it will start automatically. It will automatically stop when all the passengers leave the lift.

PRECISE POSITION CONTROL SYSTEM

It can adopt variable frequency control or the automatic starting mode to fulfill the energy-saving.

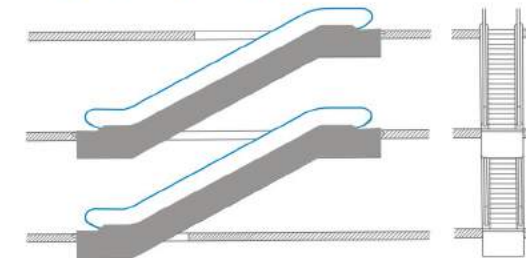
HEATING DEVICE

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.



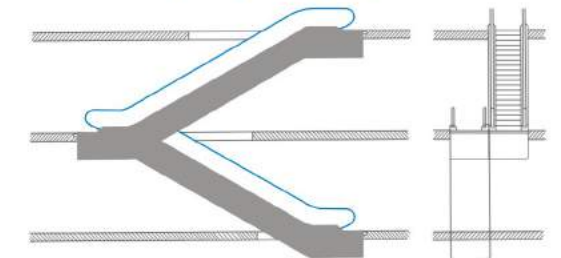
LAYOUT DRAWING OF ESCALATOR & MOVING WALK

Single layout (one-way type)



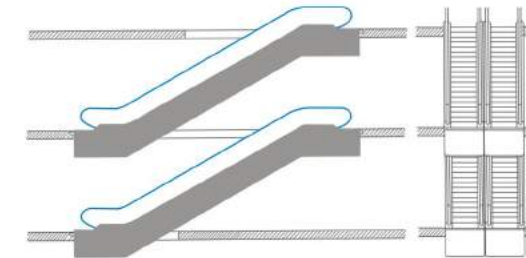
Suitable for small-sized shopping malls with three floors.

Continuous layout (one-way type)



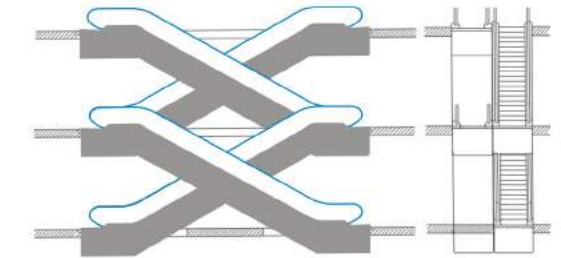
Continuous layout type escalator and moving walk can connect several floors, but they need more space than the inconsistent layout.

Parallel layout (two-way type)



The layout of this type may cause slight inconvenience to shoppers, but advantageous for shopping mall owners since they can market certain products and services to shoppers on their way to change escalators.

Crisscross layout (two-way type)



Installed in buildings with multiple floors, the crisscross layout can travel in two directions to limit the traveling time between floors. This type is widely used in shopping malls and now being used more and more in government institutes and public places.

HANDRAIL COLOR



Red(standard) Black(standard) Blue Green Gray Light brown Orange

BALUSTRADE COLOR



Colorless And Transparent(standard) Bronze Yellow Deep gray