

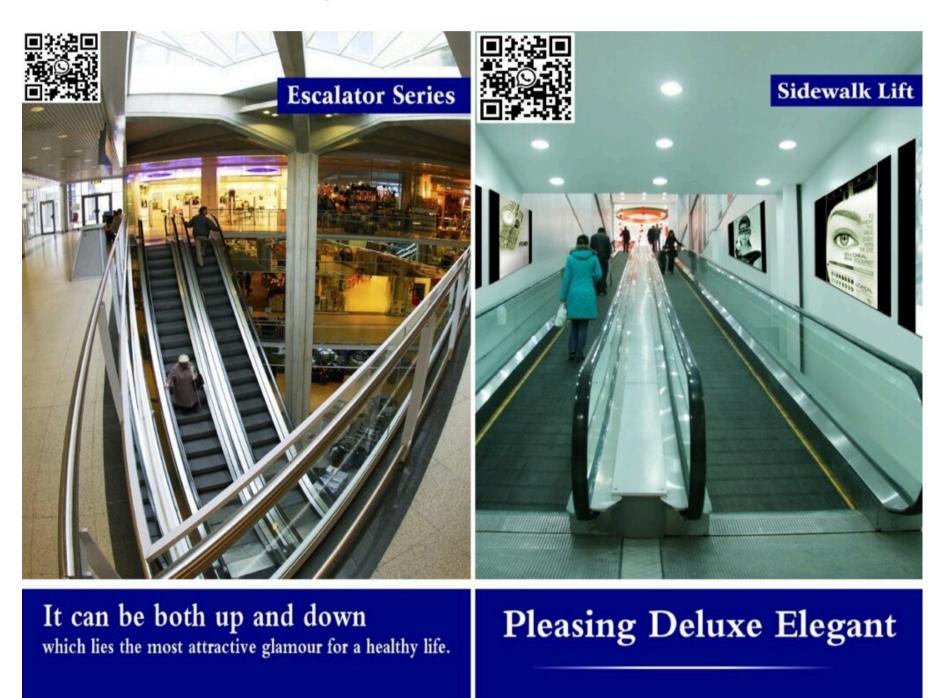




Escalator & Moving Walk

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Escalator and Moving Walk are both types of mechanical transportation systems used to move people from one place to another, usually in locations like malls, airports, or train stations. Here's a breakdown of each:

Escalator:

• Function: An escalator is a moving staircase designed to carry people up or down between floors of a building or other elevated areas.

- **Structure:** It consists of a continuous loop of stairs that move on an inclined plane. The stairs are powered by motors, and the movement is usually smooth to provide a safe and steady transport experience.
- **Usage:** Commonly found in malls, subway stations, airports, and other multi-level buildings where people need to move between floors efficiently.
- **Key Feature:** The stairs move in a loop, constantly cycling, which allows a continuous flow of passengers in either direction, depending on the configuration.

Moving Walk (or Moving Sidewalk):

- **Function:** A moving walk is a flat, horizontal conveyor system designed to move people over short to medium distances, typically at a constant speed.
- **Structure:** It consists of a flat or slightly inclined platform, often made of durable materials like metal or rubber, with a conveyor belt system that moves people along.
- **Usage:** Moving walks are often found in airports, train stations, or large convention centers where people need to move long distances quickly over a flat surface. They are often used in conjunction with escalators and elevators.
- **Key Feature:** Unlike escalators, moving walks are not inclined and are primarily used for horizontal transport.In short:
- Escalators move people between floors (up or down).
- Moving Walks help people travel horizontally over longer distances.







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