



PUBLIC PLACE ESCALATOR

Heavy Duty Public Place Escalators with all passenger safety features for Railway, Metro, Airports, Foot Over Bridge

Salient Features

- **Type of Escalator:** Heavy duty reversible
- Yellow line & Step gap light to facilitate Passenger to adjust feet within step tread
- Oil collection tray to improve safety and reduce fire risk
- Provision of Oil Separator to eliminate mixing with water and hazard free disposal
- **Energy saving mode:** On no-load / light load, speed of Escalator will automatically reduce without jerk to save electrical energy to the extent of 30%
- Remote monitoring and control from centralized location
- Voice announcement system to guide passenger for safe ride



Applications

- Heavy duty (20 Hr. per day, 7 days a week)
- For Mass Transit System
- For Railway, Metro, Airports, Foot Over Bridge
- Outdoor, Semi out door application



Technical Specifications

In compliance to EN115 – 2010

- **Capacity:** 11,700 passenger per hour @ 0.65 mps
- **Speed:** 0.65 mps (rated Speed); 0.5 mps (Optional)
- **Angle of inclination:** 30° (Alternate: 35°)
- **Step Width:** 1000 mm (alternate: 800 mm, 600 mm)
- **Escalator Rise:** upto 42 meter
- **Balustrades Panel:** Stainless Steel/Glass
- **Flat Steps:** 4 Nos. at each landing
- **Start buzz**
- **Cable:** FRLSOH / FRLS
- **Safety devices:** Escalator will be equipped with safety devices to ensure safety of the passengers.
 - Speed governor to prevent over speeding
 - Broken chain safety device
 - Non-reversing device
 - Handrail safety device
 - Comb plate safety device
 - Step lowering device
 - Missing step detection device
 - Broken handrail device
 - Floor plate safety device
 - Step up-thrust device
 - Dress guard to deflect the loose clothing.
 - Emergency stop buttons in three locations
 - Water level sensor in the pits
 - Smoke & Fire detectors in pits and in control panels
 - Phase relay protection
 - Handrail & Step static protection
 - Over Current Protection
 - Step & Skirt safety devices