

Turnstile — Flap Barrier

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The **Flap Barrier** is the popular system that provide fast access clearance with minimum supervise observation. The blockage is provided by two acrylic wings. The lanes can be configured for entry, exit or bi-directional Access. It is widely used in areas such as subway, immigration checkpoint, airport, factory, etc.

Each lane is fitted with safety beams to ensure proper access clearing. Options to cater for children and wheelchair users are available.

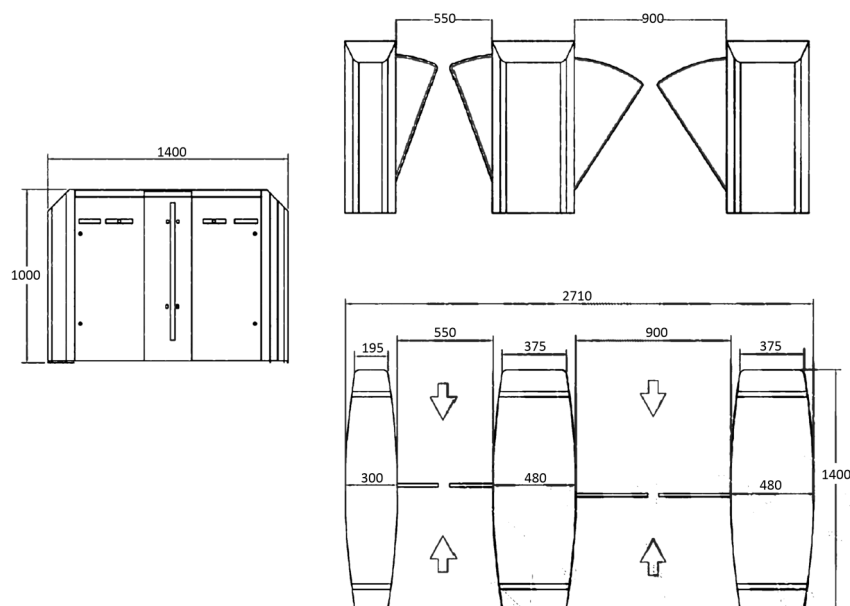
Our modern motor mechanism will disengage the arm when it is obstructed from opening or closing, providing an additional safety for pedestrians.



Key Features

- The lanes can be configured for entry, exit or bi-directional access.
- The acrylic will retract upon receiving valid signal and close immediately after the pedestrian crosses.
- The side hinge door provides an easy avenue for maintenance .
- Customization to include card reader, biometric finger print, ticket collection etc., is possible.
- Each lanes comes with Infrared (IR) beam sensor to ensure safe access. It can be extended to detect 3 levels of heights, including height of children, which are lower.
- The motor will disengage when an object tires to block the flap from closing, providing an additional safety mechanism for the pedestrian.

Mechanical Diagram



Technical Specifications

Specifications*	Flap Barrier
Input	230V ,50Hz
Operating Voltage	Typical: 2.5A Inrush: 4A
Operation	Adjustable cycle time (0.5—0.8sec)
Material	SUS 304 (Stainless steel)
Options	Tail-gate sensors, crawl sensors, additional LED (Arrow/Cross) signage, mounting for reader
Dimension (W x H x L)	300 x 1,000 x 1,400 mm (Passage Width: 550—900 mm, Total Width: 1,150 mm)

**Specifications are subject to change without prior notice*