MECHATRONIX

Quality - Reliability & Trust

Flap Barriers

Flap-Mex Standard

✔ Warranty & after Sale Service

✔ All in One Flexible & Smart Solution

✔ MEX Security & Safety Features

🌐 **www.mechatronix.com.pk**

MECHATRONIX FLAP-MEX:

Mechatronix offers a Reliable, Efficient & Robust Design for Indoor/Outdoor Security. Flap-Mex Barriers can be integrated with any access control device. Available in Single or Multiple lanes configurations. The flap-Mex is the combination of features like Attractive & elegant design, comfort, Levels of security & safety.

An advance system of detection & tracking sensors, indications & Aesthetics. The standard finish of Flap barrier is the Stainless steel 304 grade & Acrylic Flaps. The top cover can be a marble or stainless steel. The Lighting or color is an optional feature.

Categories

- Flap-Mex Standard
- Flap-Mex Multiple Lanes
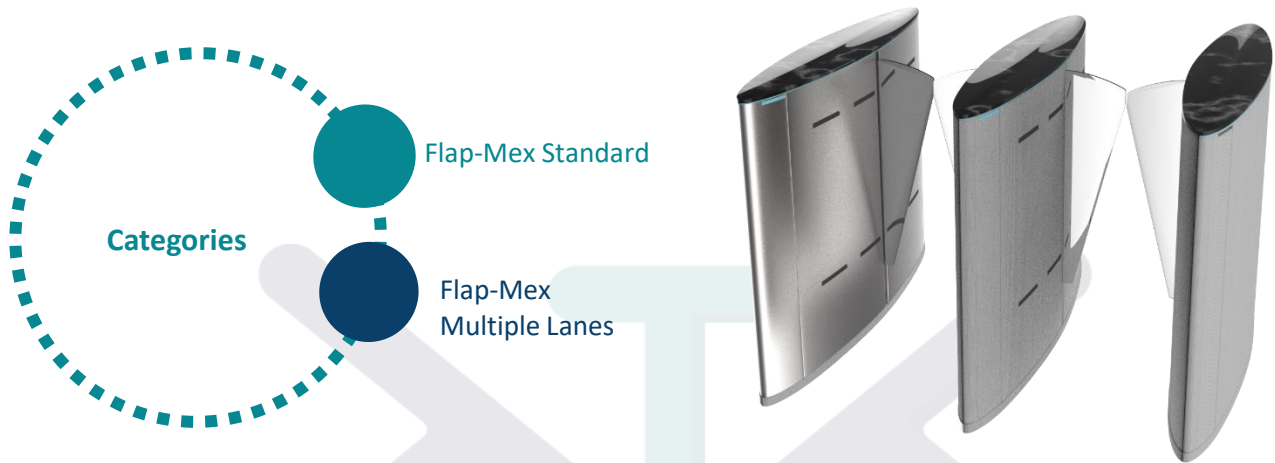
Safety & Security Features:

- ✓ Robust design for Indoor/Outdoor Security Installations
- ✓ Includes Two Aisles for Single Lane and 2 Aisles and 1 Middle Aisle For Two Lanes
- ✓ Available in 304 Grade Stainless steel / Mild steel Powder coated finish
- ✓ Wing Flap Body: Acrylic
- ✓ Max Power: Consumption 80Watt, 24VDC (Drive Board)
- ✓ Opening time: Variable, depends on customer requirement
- ✓ Programmable Logic Controller (PLC) based Electrical Panel
- ✓ Transparent and Color Acrylic (Optional) with Back Light (optional) for aesthetics/Motion indication
- ✓ Built-in Signal Lights
- ✓ Easy & Quick integration with wide range of Biometric & CAS devices
- ✓ 3-Years Warranty & after sale service with parts under SLA

Reliable

Durable

Robust

Integratable
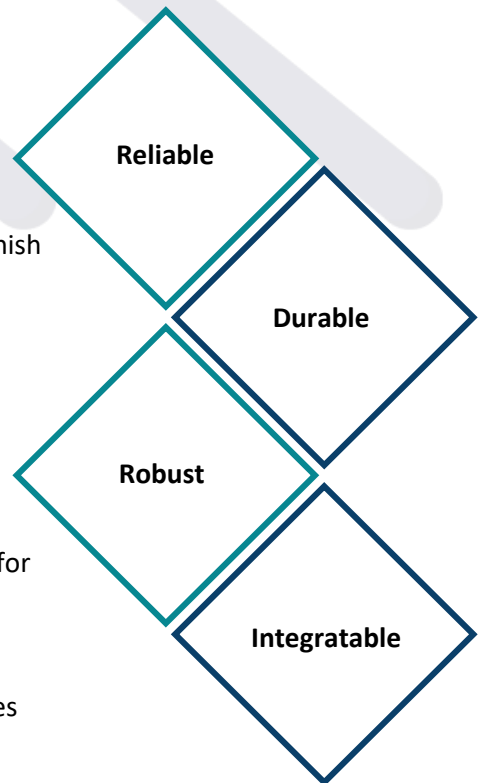
Optional Features & Accessories:

- Directional indicators Optical Signals - Green Arrow or Red Cross signage
- Fail-secure auto-lock on power failure. Fail-safe auto-unlock on power failure
- Normally open or close mode.
- Up to 100 transactions in fail-secure mode
- Bi-directional passing or single way passing
- Infrared detectors to sense the passing status

- UPS backup available on power failure (Optional)
- Digital counter with reset key.
- Alarm on tempering
- Will keep the last status on power failure (factory standard)
- Customer company logo
- Can monitor the running status online by using IP/GSM controller (Optional)

Applications:

- Offices & Banks
- Commercial sites & Storage Facilities
- Military & Government Installations
- Corporate Security
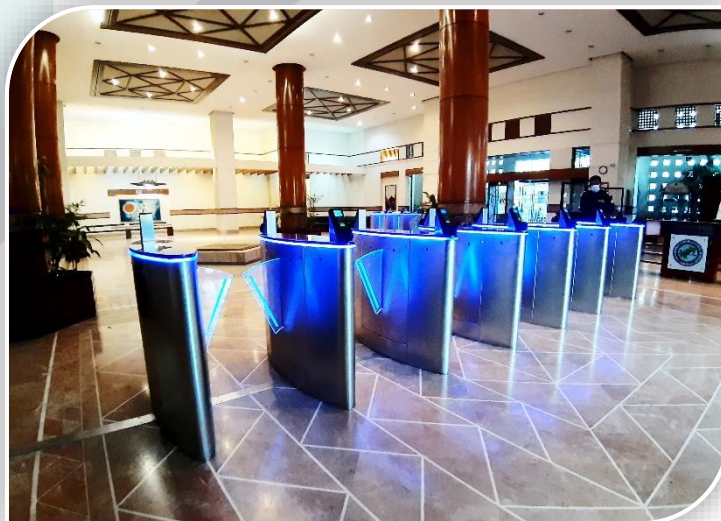
- Airports, Stadiums and ports
- Educational Centers & Embassies
- Public transportation
- Other Indoor Installations

Technical Specifications:

Materials	304 Grade Stainless steel OR Mild Steel
Power Requirements	220 – 240 VAC – 50 Hz
Driver Motor	DC Brushless Motor
Channel Width	500 – 550 mm
Opening Speed	1s (Adjustable)
Working Temperature	30°C To 70 °C
Control Panel	PLC Based
Working Humidity	0% ~ 95%
Recommended Installation	Indoor & Outdoor

Model & Designs:

Mode of operations:

Flap-Mex Standard
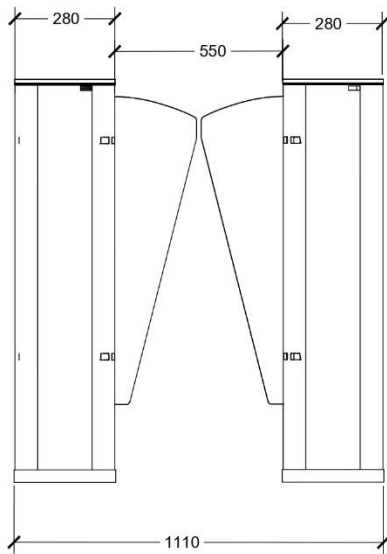
Flap-Mex (Single & Multiple Lane)

01

Flap-Mex Standard

02

**Flap-Mex
Double Lane**

Installation & Maintenance:

Delivery	Fully assembled / Kit Form
Site Preparation	Flat & Level finish floor +/- 0.2"
Bolting depth	MIN 3.9"

✓ The installation base must be solid to ensure that the expansion screws are well mounted to fix the devices

✓ If the flap barrier is close to the wall a space of 100mm distance between the Unit and the Wall should be reserved in order to open the cover and change the setting.

✓ The Flap Barrier units do not cover wide space so a multiple lane setup can be installed in a narrow corridor.

Drawings:

1. Flap Barriers - Flap-Mex
2. Material: 304 Grade Stainless Steel
3. Passage Width 500-550 mm
4. 100mm Space Between Unit & Wall
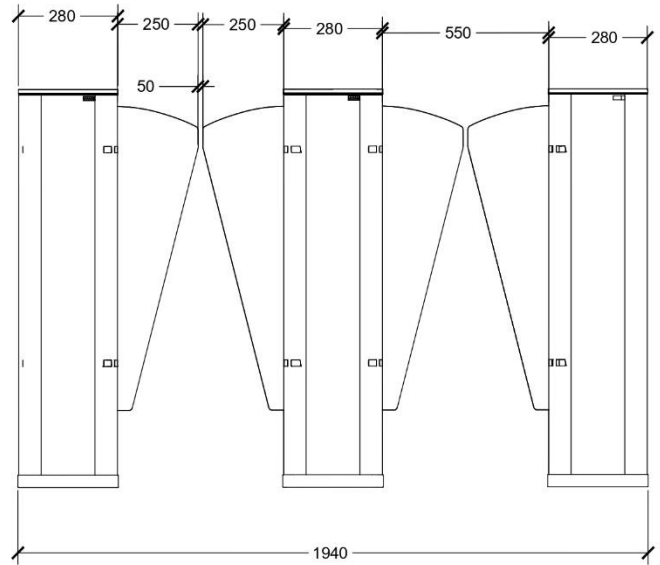
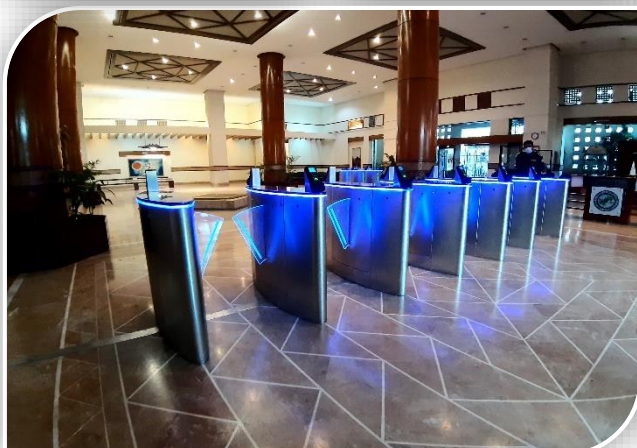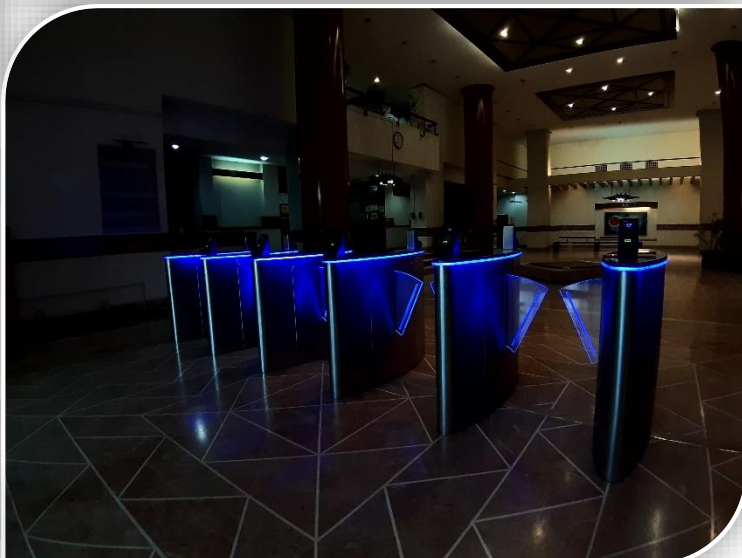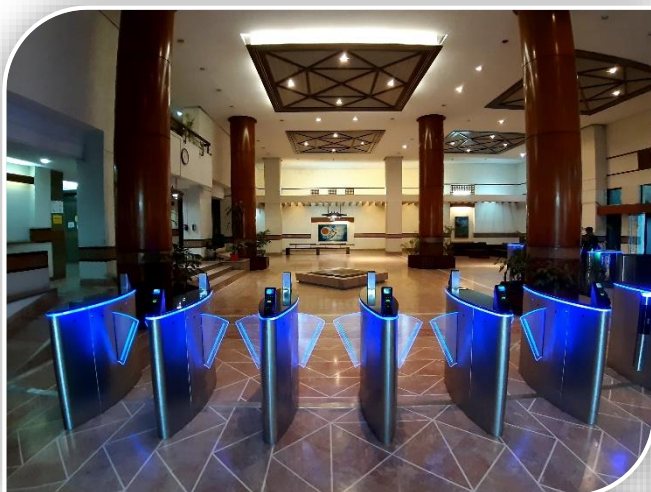©Mechatronix. All Rights Reserved

MECHATRONIX www.mechatronix.com.pk	TITLE: Flap-Mex	DESIGNED BY: Muhammad Ahtsham khan	MATERIAL: SS-304	FINISH: -	DATE: 01/11/2021
		CHECKED BY:			
	DESCRIPTION: Flap Barrier		WEIGHT: -	SCALE: 1:1	UNITS: mm
		APPROVED BY:			

Our Clients:

Product Gallery: