

Quality - Reliability & Trust

Full Height Turnstile

Turn-Mex Secure, Platinum & Quadra

- ✓ Warranty & after Sale Service
- ✓ All in One Flexible & Smart Solution
- ✓ MEX Security & Safety Features



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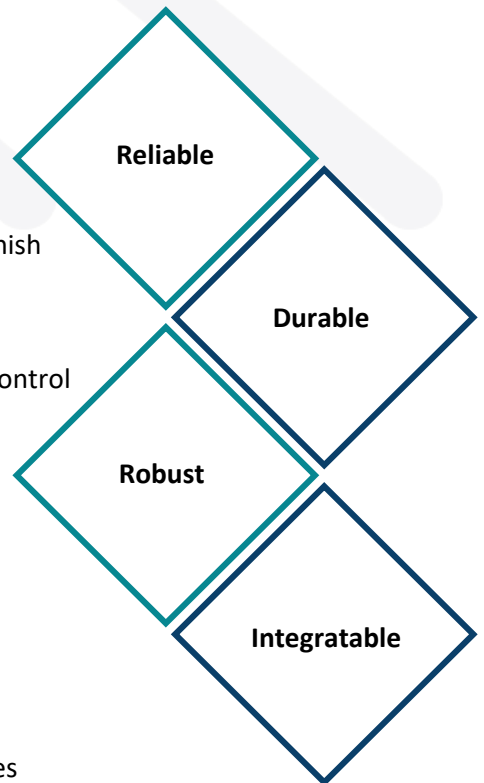
Mechatronix TURNMEX SECURE:

Mechatronix Solution Offers Flexible & Robust in design Full Height turnstiles. The most versatile & suitable Security solution for **outdoor perimeter** of building & property. Mechatronix modular designs with **Unidirectional & Bidirectional** units in single & double Lane configuration with 3 wings at (120 degree) & 4 wings (90 degree).



Safety & Security Features:

- ✓ Robust design for Outdoor Security Installations
- ✓ Heavy duty MEXLOCK Mechanism
- ✓ Available in 304 Grade Stainless steel / Mild steel Powder coated finish
- ✓ Programmable Logic Controller (PLC) based Electrical Panel
- ✓ Mechanical key override – Clockwise & Anti Clockwise directional control
- ✓ Quiet, buffered solenoids & pawls
- ✓ Solenoids rated for 100% duty cycles
- ✓ Fiber locking disk and pawls – Low maintenance
- ✓ Fail-Secure & Fail-Safe (optional) feature
- ✓ Manual push type operation
- ✓ Easy & Quick integration with wide range of Biometric & CAS devices
- ✓ 3-Years Warranty & after sale service with parts under SLA



Optional Features & Accessories:

✓ Turnstile Unites available in different variations – 3 & 4 wings	✓ Fail-secure auto-lock on power failure (factory standard)
✓ Rustenburg granite (marble) top cover (factory standard)	✓ UPS with Dry Batteries of 12Volt 7Ah (2 connected in series)
✓ Fail-safe auto-unlock on power failure	✓ LED red cross & green arrow indicator light
✓ Up to 100 transactions in fail-secure mode	✓ Up to 60 minutes operation in fail-safe mod.
✓ Stainless steel top cover	✓ Customer company logo
✓ Digital counter with reset key	✓ LED light to improve aesthetics

Applications:



- Industrial Manufacturing Plants
- Construction sites & Storage Facilities
- Military & Government Installations
- Corporate Security



- Airports, Stadiums and ports
- Educational centers & Embassies
- Public transportation
- Other Outdoor & Indoor Installations



Technical Specifications:

Materials	304 Grade Stainless steel OR Mild Steel
Power Requirements	220 – 240 VAC – 50 Hz
Uni-directional Solenoids	24V DC / 2A (Coil Current)
Limit Switches	15A / 250V AC,
Relays	24V DC / 220V AC (8 pins)
Relay Base	Standard 8pins
Power Adapter	Standard Power Adapter 24V DC, 5A, Output
Working Humidity	0% ~ 95%
Recommended Installation	Indoor & Outdoor with top hood (Optional)
Wing Movement	Rotating

Model & Designs:

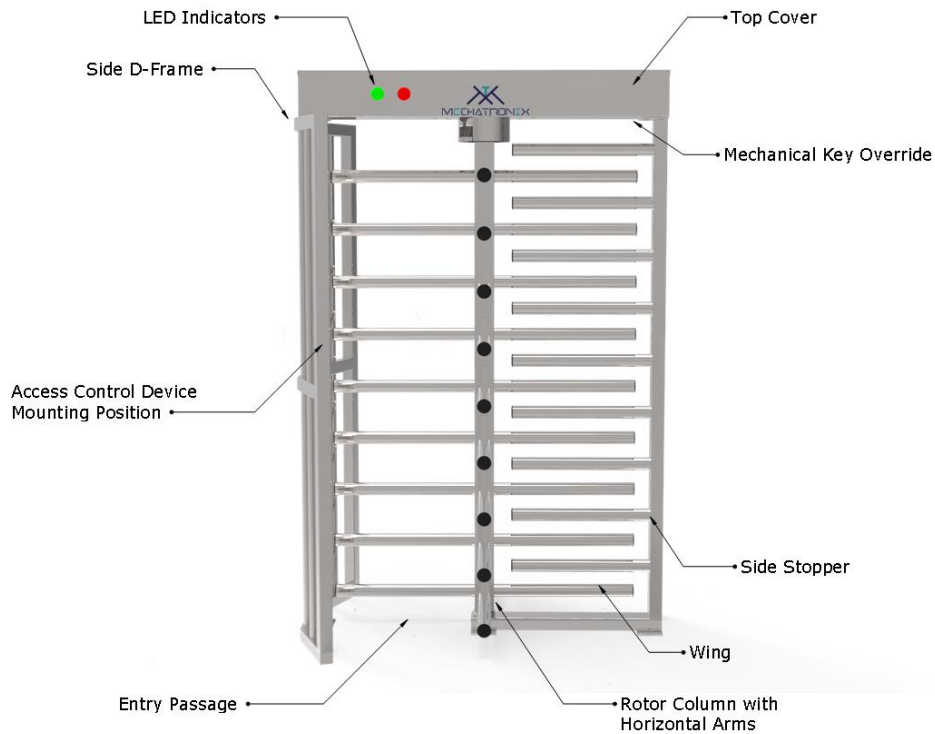
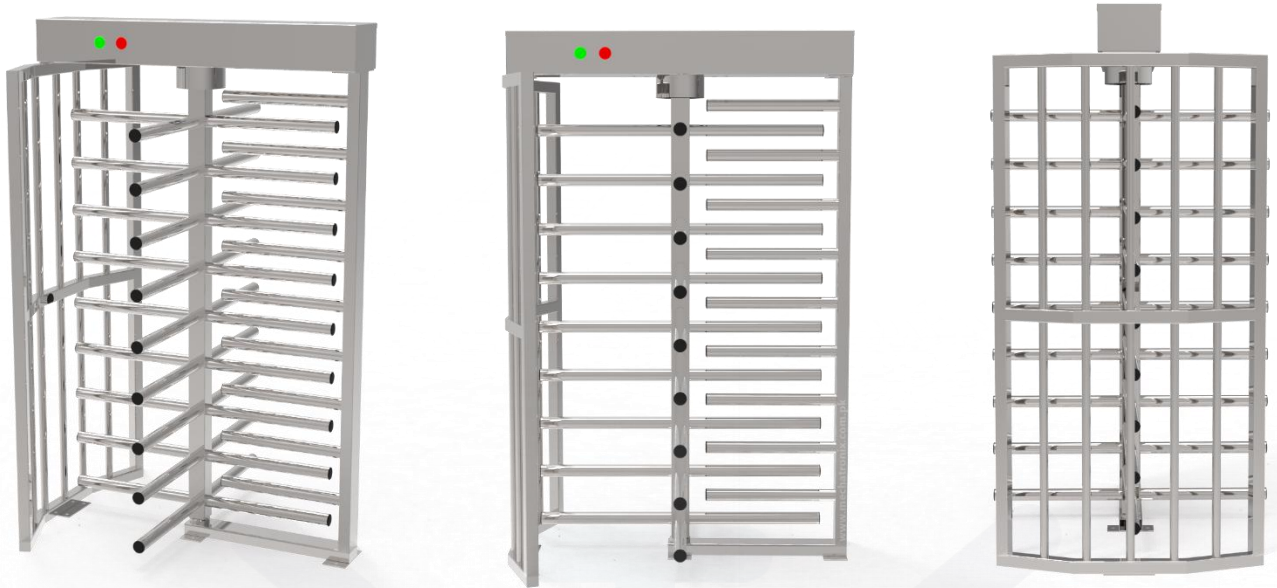
Mode of operations:

3 Wing (Single & double Lane)

4 Wing (Single & Double Lane)



Full Height Models:



Approved By

Designed By

M. Ahtsham

Checked By

Description

Full Height Turnstile

Notes

DWG.No

01

Date

06/09/2021

Scale

1:2

Unit

ft

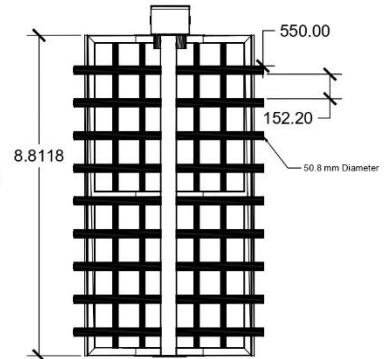
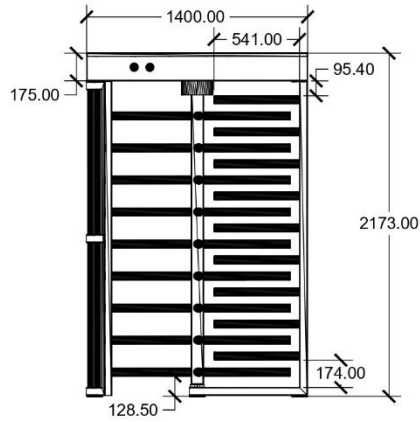
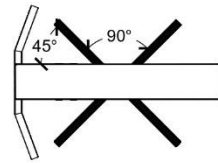
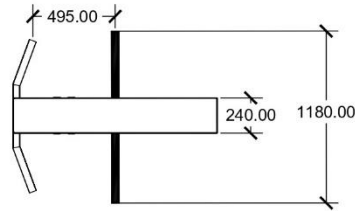
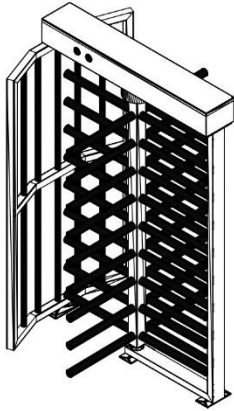
Revision

A-01

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Drawings:

1. 4-Wing Full Height Turnstile
2. Material: 304 Grade Stainless Steel
3. Passage width 600 mm (middle)
4. Wing Single Lane Rotor Placement at 90 degree - 45 degree turning
5. Center Tube Length(1845) - Square 76x76x2
6. Side Stopper Tube Length(750x1990) - Rectangular 100x50x2



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TITLE:
Turnmex Secure

DESCRIPTION:
3-Wing Full Height Turnstile

DESIGNED BY:
Muhammad Ahtsham khan

CHECKED BY:

APPROVED BY:

MATERIAL:
SS-304

WEIGHT:
-

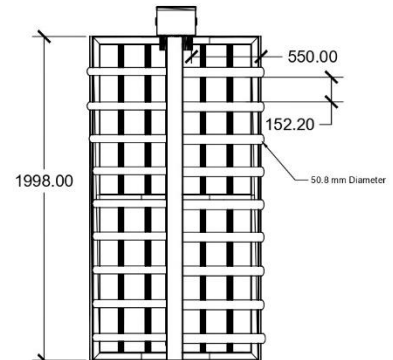
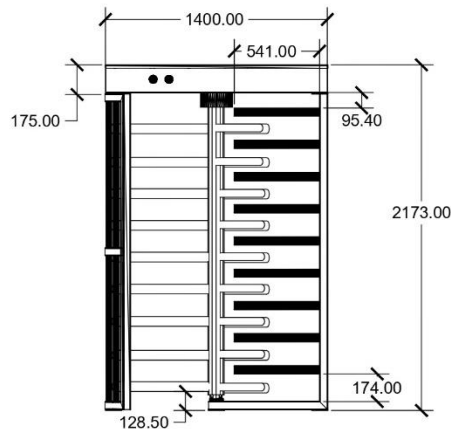
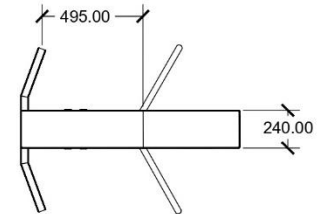
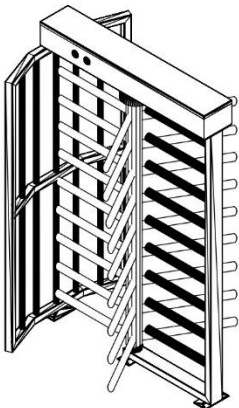
FINISH:
-

SCALE:
1:1

DATE:
06/09/2021

UNITS:
mm

1. 3-Wing Full Height Turnstile
2. Material: 304 Grade Stainless Steel
3. Passage width 600 mm (middle)
4. Wing Single Lane Rotor Placement at 120 degree
5. Side Stopper Tube Length(750x1990) - Rectangular 100x50x2



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TITLE:
Turnmex Secure

DESCRIPTION:
3-Wing Full Height Turnstile

DESIGNED BY:
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CHECKED BY:

APPROVED BY:

MATERIAL:
SS-304

WEIGHT:
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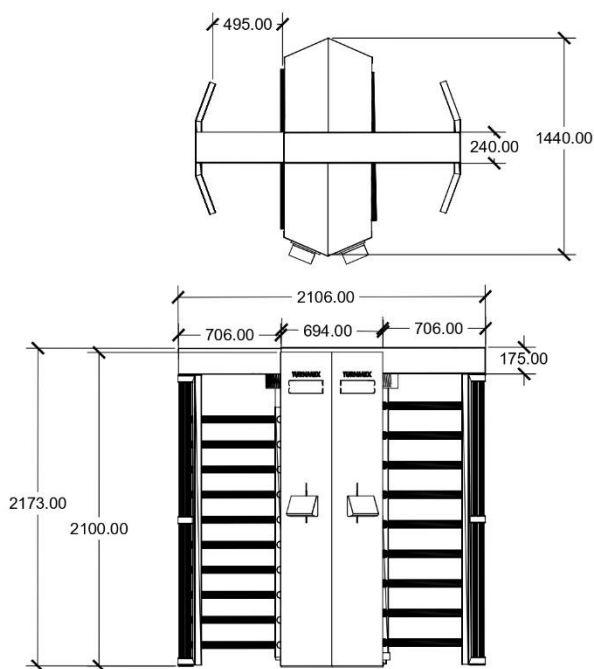
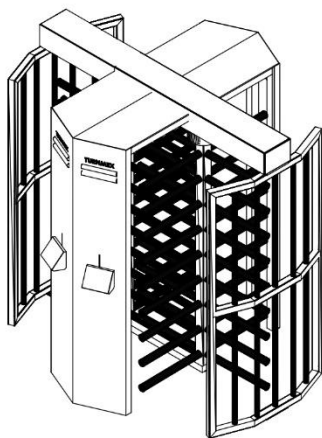
SCALE:
1:1

DATE:
06/09/2021

UNITS:
mm

Drawings:

1. 4-Wing Full Height Turnstile - Platinum
2. Material: 304 Grade Stainless Steel
3. Passage Width: 600mm (Middle)
4. Wing Lane Rotor Placement at 90 degree



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TITLE:
Full Height Dual - Platinum

DESCRIPTION:
Full Height Turnstile Dual Platinum
Drawing

DESIGNED BY:
Muhammad Ahtsham Khan

CHECKED BY:
Manufacturing Supervisor

APPROVED BY:
Design Team

MATERIAL:
Stainless Steel

WEIGHT:
-

FINISH:
-

SCALE:
1:1

DATE:
01/11/2021

UNITS:
mm

Installation & Maintenance:

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

Our Clients:



☎ (+92) 051 4430 367-9

✉ bsg@mechatronix.com.pk