



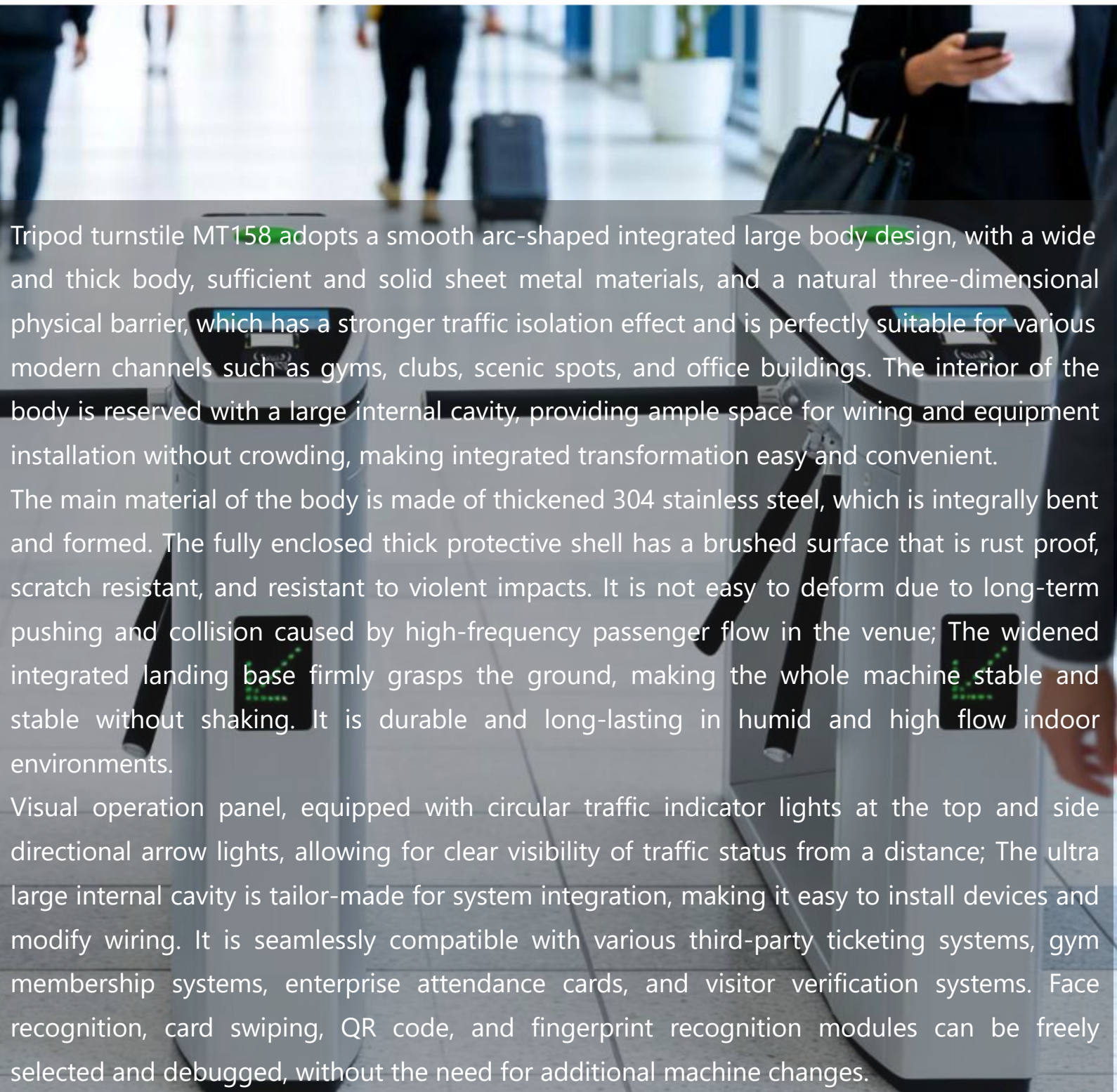
Tripod Turnstile MT158 Brochure

Designed By MairsTurnstile

www.mairsturnstile.com



Tripod Turnstile MT158



Tripod turnstile MT158 adopts a smooth arc-shaped integrated large body design, with a wide and thick body, sufficient and solid sheet metal materials, and a natural three-dimensional physical barrier, which has a stronger traffic isolation effect and is perfectly suitable for various modern channels such as gyms, clubs, scenic spots, and office buildings. The interior of the body is reserved with a large internal cavity, providing ample space for wiring and equipment installation without crowding, making integrated transformation easy and convenient.

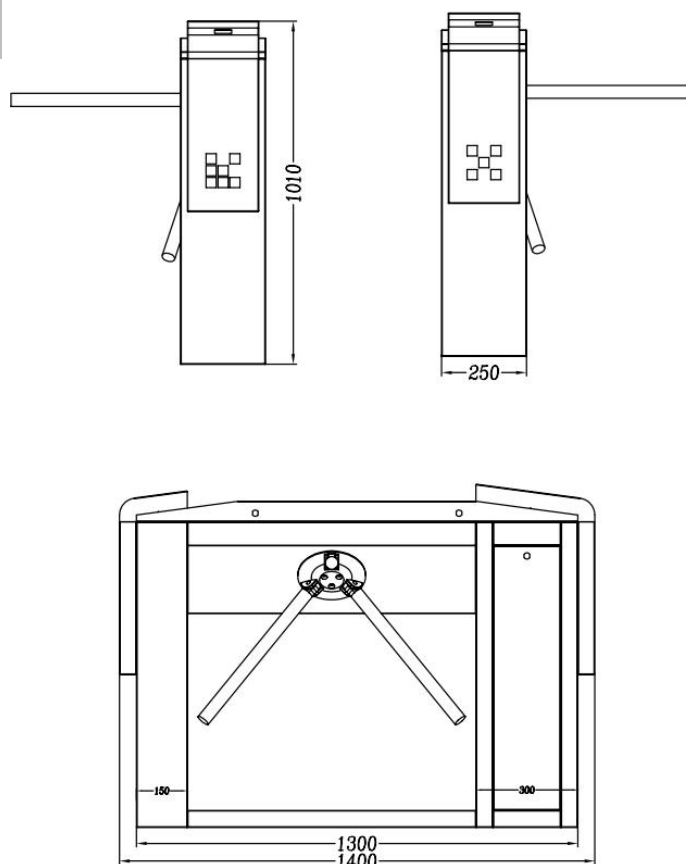
The main material of the body is made of thickened 304 stainless steel, which is integrally bent and formed. The fully enclosed thick protective shell has a brushed surface that is rust proof, scratch resistant, and resistant to violent impacts. It is not easy to deform due to long-term pushing and collision caused by high-frequency passenger flow in the venue; The widened integrated landing base firmly grasps the ground, making the whole machine stable and stable without shaking. It is durable and long-lasting in humid and high flow indoor environments.

Visual operation panel, equipped with circular traffic indicator lights at the top and side directional arrow lights, allowing for clear visibility of traffic status from a distance; The ultra large internal cavity is tailor-made for system integration, making it easy to install devices and modify wiring. It is seamlessly compatible with various third-party ticketing systems, gym membership systems, enterprise attendance cards, and visitor verification systems. Face recognition, card swiping, QR code, and fingerprint recognition modules can be freely selected and debugged, without the need for additional machine changes.

Technical Specifications

Dimension	1600*260*1010mm (5.25*0.85*3.22ft) (standard)
Passage Width	550mm (1.80ft) (standard)
Arm Length	510mm (1.67ft)
Frame Material	Iron with Powder coated
Mechanism	Semi-automatic
Pass rate	30-40 person/min
Power Supply	100V-240V 50/60Hz
Drive Solenoid	DC 24V
Open Signal	Passive Relay (Dry Contact)
Communication	RS485
Working Direction	Bi-directional(standard), Unidirectional
Emergency	Automatic drop arm after power failure
Working Temperature	-35°C ~ 60°C
Working Environment	Indoor and Outdoor
Relative Humidity	95% Maximum

Dimensions



Features



- **LED Alerts:** LED indicates access status: green for granted, blue for standby, flashing red for denial.
- **Emergency Exit:** Arm drops during power outages for free emergency passage & requires manual reset when power returns.
- **Working Direction:** Supports both single-directional and bi-directional operation.
- **Automatic Reset:** Arms lock automatically within 5 seconds (adjustable) if passage is delayed.
- **Anti-Pass Back:** Remains locked if entry is attempted from the reverse direction.
- **Anti-Intrusion:** Gate stays locked until a valid open signal is received.
- **Fast Unlock:** Unlocks within 0.2 seconds (adjustable) upon receiving a valid signal.
- **Hydraulic Damper:** Hydraulic damper ensures quiet operation.
- **Mold Design:** Mold-designed mechanism ensures precision, reduces labor costs, and simplifies assembly.

Customization

- **Dimension:** Can be made according to the client's site.
- **Barrier rod:** Straight barrier rod to U-shape barrier rod; X rotor to Y rotor (some models).
- **Roof and lights** can be added.
- **Mounting base** can be added.
- **Cutouts** can be customized to fit any reader.
- **LOGO** can be customized.
- **Customized 3D drawings** are available based on the site photos.
- **OEM& ODM service** is available.
- **Material:** 304 stainless steel to 316 stainless steel (wet environment), or iron with powder coated. The outer paint finish can be colour coded to match the local environment.

We also offer customization services.



Cutouts can be customized to fit any reader.



Other colors available, RAL or RGB required.



Desktop control box



Mounting base



Contact Us

Address: Room 801-806, South China Development Center,Guoji Blvd, Pinghu Street,Longgang District, Shenzhen, China

Email: info@mairsturnstile.com

Tel: +86 755 28714921

Site: www.mairsturnstile.com