



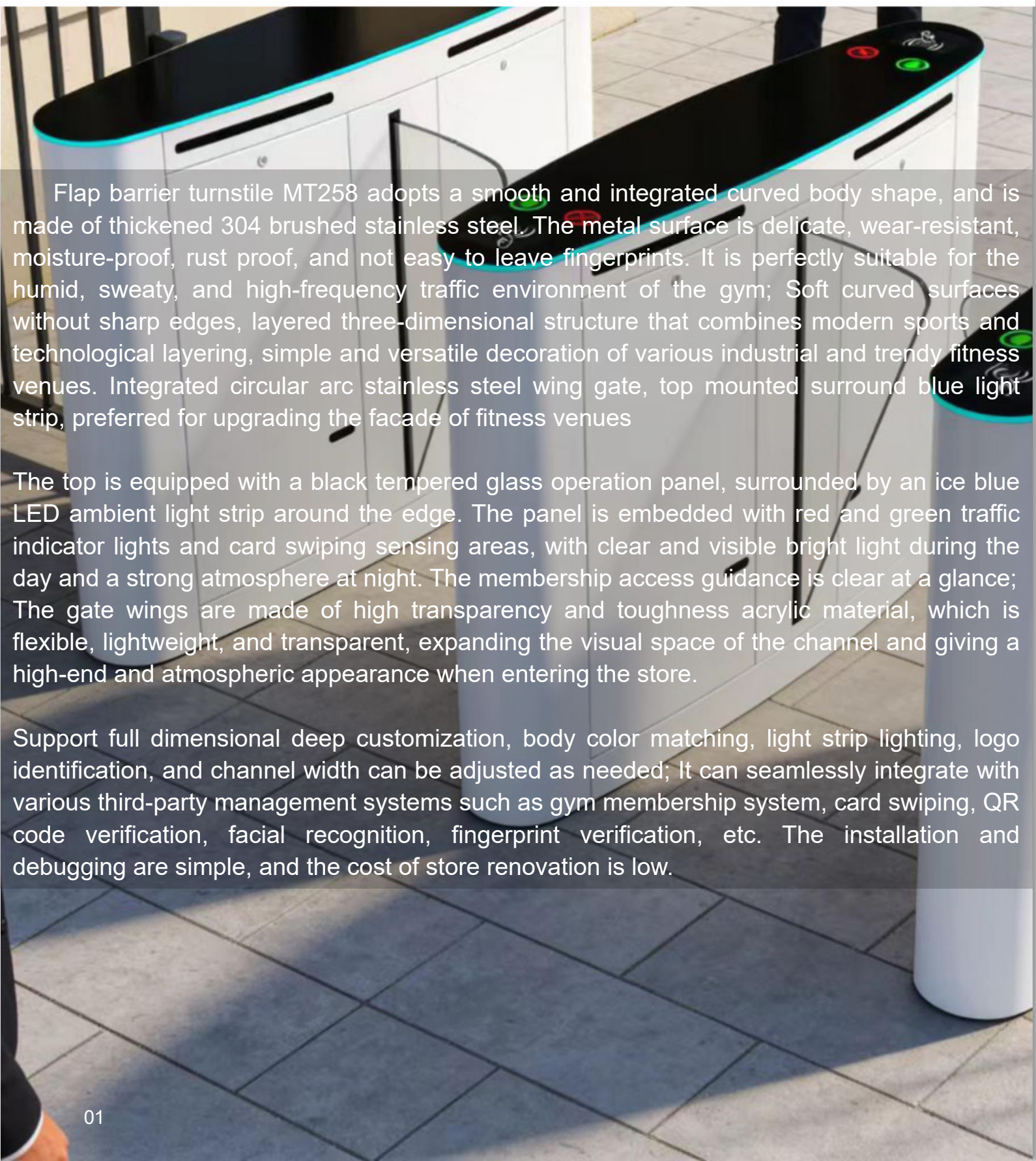
Flap Barrier Brochure MT258

Designed By Mairsturnstile

Provide high-quality security turnstile solutions for global customers



Flap Barrier Turnstile MT258



Flap barrier turnstile MT258 adopts a smooth and integrated curved body shape, and is made of thickened 304 brushed stainless steel. The metal surface is delicate, wear-resistant, moisture-proof, rust proof, and not easy to leave fingerprints. It is perfectly suitable for the humid, sweaty, and high-frequency traffic environment of the gym; Soft curved surfaces without sharp edges, layered three-dimensional structure that combines modern sports and technological layering, simple and versatile decoration of various industrial and trendy fitness venues. Integrated circular arc stainless steel wing gate, top mounted surround blue light strip, preferred for upgrading the facade of fitness venues

The top is equipped with a black tempered glass operation panel, surrounded by an ice blue LED ambient light strip around the edge. The panel is embedded with red and green traffic indicator lights and card swiping sensing areas, with clear and visible bright light during the day and a strong atmosphere at night. The membership access guidance is clear at a glance; The gate wings are made of high transparency and toughness acrylic material, which is flexible, lightweight, and transparent, expanding the visual space of the channel and giving a high-end and atmospheric appearance when entering the store.

Support full dimensional deep customization, body color matching, light strip lighting, logo identification, and channel width can be adjusted as needed; It can seamlessly integrate with various third-party management systems such as gym membership system, card swiping, QR code verification, facial recognition, fingerprint verification, etc. The installation and debugging are simple, and the cost of store renovation is low.



Technical Specifications

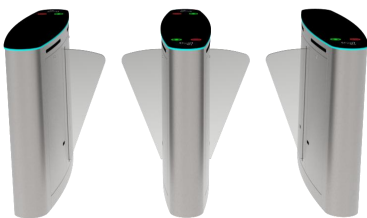
Dimension	1400*300*980mm (4'7" × 0'11.8" × 3'3") (standard)
Passage Width	600mm (1.97ft)
Pass Rate	40 person/min
Mechanism	Super Mute mechanism with Driving Motor 30W/DC24V
IR sensor	6 pairs
Frame Material	Iron, Tempered glass
Sliding arm Material	Acrylic(standard)
Power Supply	100V-240V, 50/60Hz
Open Signal	Passive Relay (Dry Contact)
Communication	RS485/RS232
Working Direction	Bi-directional(standard), Unidirectional
Working Environment	Indoor or outdoor
Relative Humidity	95% Maximum



Lane Combination



One Lne



Two Lanes

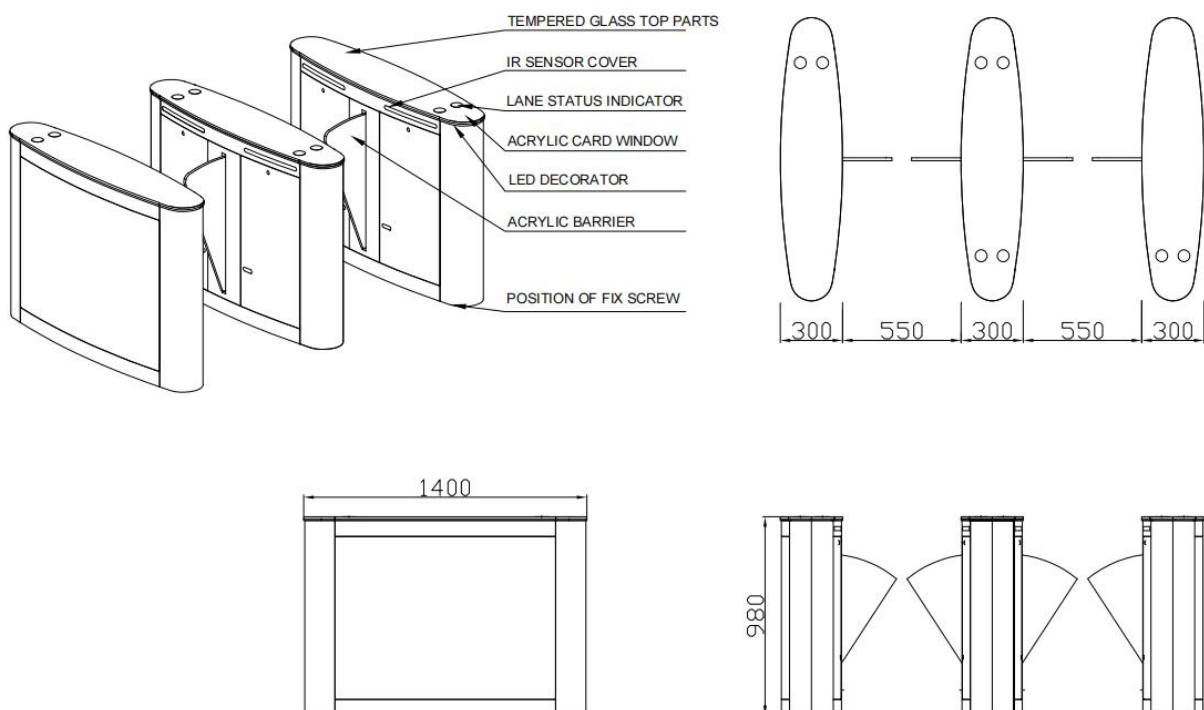


Three Lanes

Features

- **Led Alerts:** High-visibility green and red icons indicate direction in real time.
- **Emergency Exit:** Allows free passage during power outages or emergencies and resets automatically when power returns.
- **Working Direction:** Supports both single-directional and bi-directional operation.
- **Automatic Reset:** Arms lock automatically within 5 seconds (adjustable) if access is delayed.
- **Aanti-pass Back:** The gate stays locked if someone attempts entry from the reverse direction.
- **Anti-Intrusion:** The gate remains locked until a valid open signal is received.
- **Fast Unlock:** Unlocks within 0.2 seconds (adjustable) upon receiving a valid signal.
- **High Performance:** Long-life, highly reliable operation with fast response.
- **High Mechanism:** Full-height mechanism ensures smooth and stable running.
- **Alarm Function:** Infrared sensors trigger an alarm for illegal or reverse intrusion.

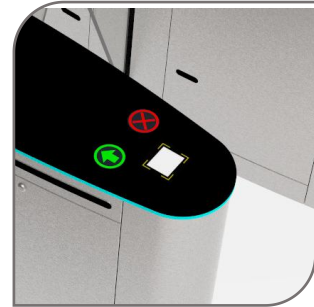
Dimensions



Customization

The cutout for readers can be customized

Provide us with the dimensions of the card reader/scanner or other access control reader and we will customize the cutout according to its dimensions.



LOGO can be customized

1. Logo can be printed on swipe card window, or cutout the logo on the gate body with LED. AI or CRD files required.
2. Logo can be printed on metal nameplates and attached to gates.



Chassis color can be customized

Supports paint coated or galvanized.
RGB, RAL or Pantone number required.



Black



Gray



Green



Gold



Red

Other customizable Options

- Gate dimensions can be customized according to the site.
- Material optional: 304 stainless steel, 316 stainless steel, iron with powder coated and galvanized (color can be customized).
- Tripod arm material available in stainless steel and power coated in galvanized steel
- Lights and infrared sensors can be added.
- LED colors can be customized.
- Swipe card icon can be cancelled.
- Customized 3D drawings are available based on the site photos.
- OEM&ODM service is available.

Accessories



Mounting Base

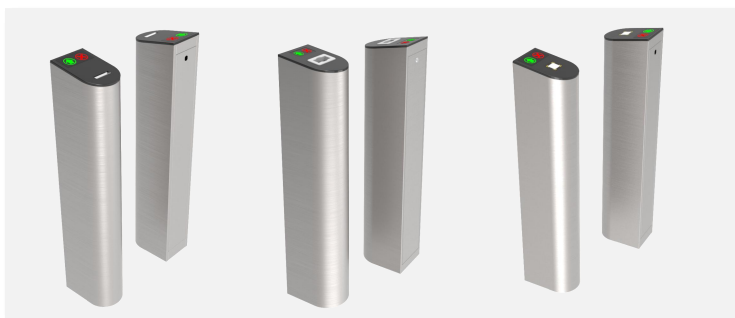
Optional:

1. Mounting base (for above floor wiring) ;
2. Removable base with wheels (for temporary events);
3. 201 stainless steel with anti-slip texture;
4. Iron with black powder coated.

Barrier

Optional:

1. Acrylic barrier (Logo can be printed);
2. Stainless steel tube barrier;
3. 304/316 stainless steel;
4. Iron with black powder coated.



Pillar

Optional:

1. Card collector pillar;
2. Wristband collector pillar;
3. QR code scanner pillar.

Control Panel

Buttons:

- Right/Left open
- Right/Left lock
- Right/Left free passage
- Emergency



Access Control System

Our turnstile gates come with relay signals and RS485/RS232 interfaces. You can use your own access control system, or we can provide a complete access control system to you.





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