



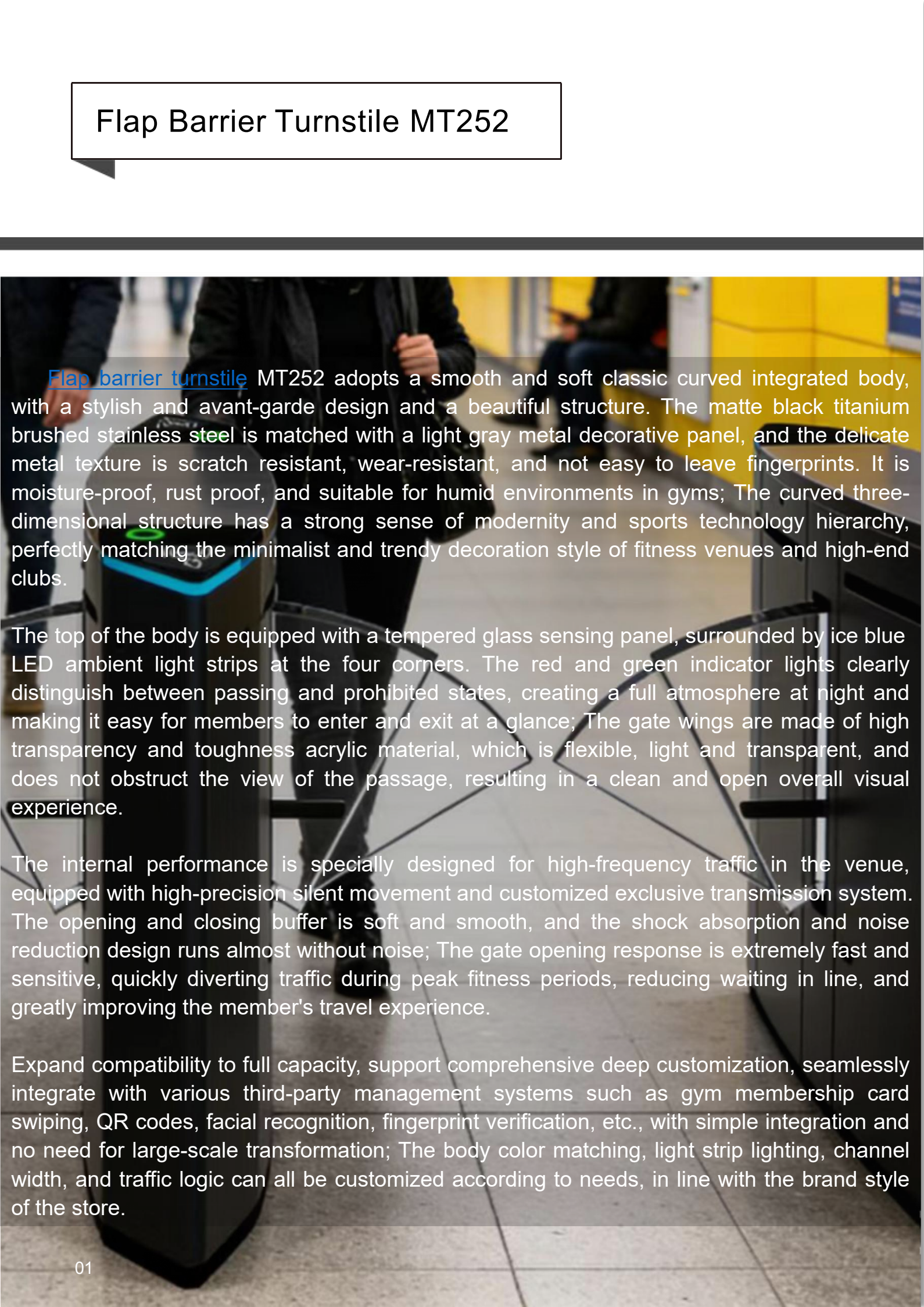
Flap Barrier Brochure MT252

Designed By Mairsturnstile

Provide high-quality security turnstile solutions for global customers



Flap Barrier Turnstile MT252

A person is walking through a Flap Barrier Turnstile MT252. The turnstile has a sleek, modern design with a black body and a light gray decorative panel. The top of the turnstile is equipped with a tempered glass sensing panel and ice blue LED ambient light strips. The gate wings are made of high transparency and toughness acrylic material. The background shows a modern indoor space with yellow walls and a tiled floor.

Flap barrier turnstile MT252 adopts a smooth and soft classic curved integrated body, with a stylish and avant-garde design and a beautiful structure. The matte black titanium brushed stainless steel is matched with a light gray metal decorative panel, and the delicate metal texture is scratch resistant, wear-resistant, and not easy to leave fingerprints. It is moisture-proof, rust proof, and suitable for humid environments in gyms; The curved three-dimensional structure has a strong sense of modernity and sports technology hierarchy, perfectly matching the minimalist and trendy decoration style of fitness venues and high-end clubs.

The top of the body is equipped with a tempered glass sensing panel, surrounded by ice blue LED ambient light strips at the four corners. The red and green indicator lights clearly distinguish between passing and prohibited states, creating a full atmosphere at night and making it easy for members to enter and exit at a glance; The gate wings are made of high transparency and toughness acrylic material, which is flexible, light and transparent, and does not obstruct the view of the passage, resulting in a clean and open overall visual experience.

The internal performance is specially designed for high-frequency traffic in the venue, equipped with high-precision silent movement and customized exclusive transmission system. The opening and closing buffer is soft and smooth, and the shock absorption and noise reduction design runs almost without noise; The gate opening response is extremely fast and sensitive, quickly diverting traffic during peak fitness periods, reducing waiting in line, and greatly improving the member's travel experience.

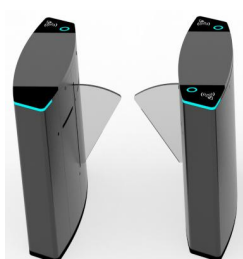
Expand compatibility to full capacity, support comprehensive deep customization, seamlessly integrate with various third-party management systems such as gym membership card swiping, QR codes, facial recognition, fingerprint verification, etc., with simple integration and no need for large-scale transformation; The body color matching, light strip lighting, channel width, and traffic logic can all be customized according to needs, in line with the brand style of the store.

Technical Specifications

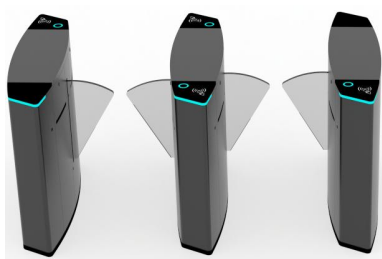
Dimension	1400*300*980mm (4'7" × 0'11.8" × 3'3") (standard)
Passage Width	600mm (1.97ft)
Pass Rate	40 person/min
Mechanism	Super Mute mechanism with Driving Motor 30W/DC24V
IR sensor	6 pairs
Frame Material	Iron, Tempered glass
Sliding arm Material	Acrylic(standard)
Power Supply	100V-240V, 50/60Hz
Open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



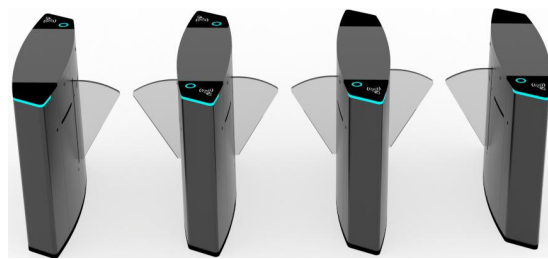
Lane Combination



One Lane



Two Lanes

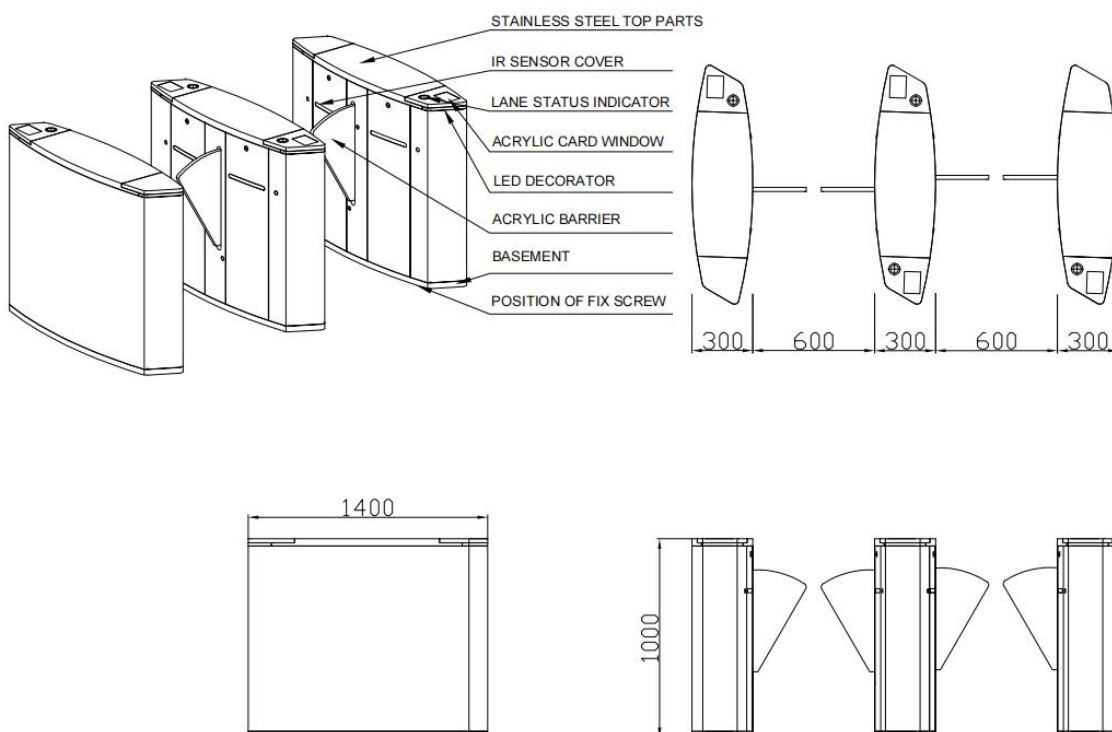


Three Lanes

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.

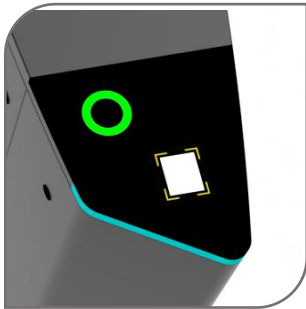
Dimensions



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.



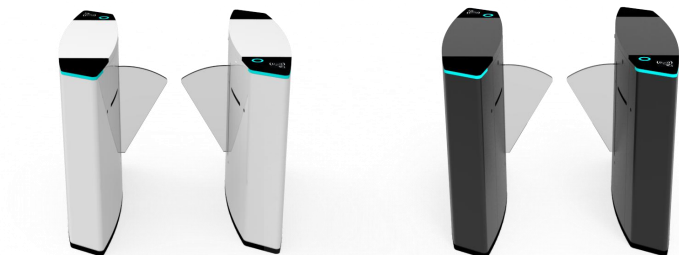
LOGO can be customized

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

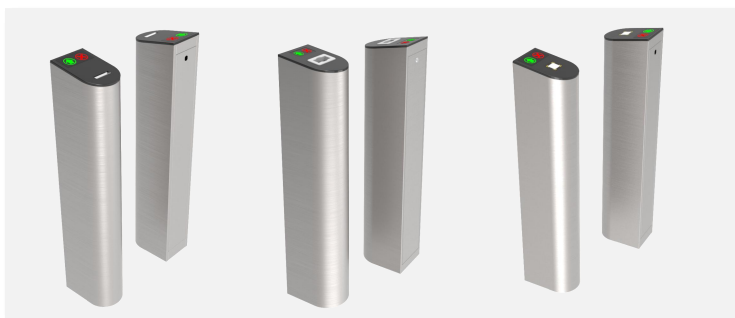
Optional:

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.





MAIRS

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