



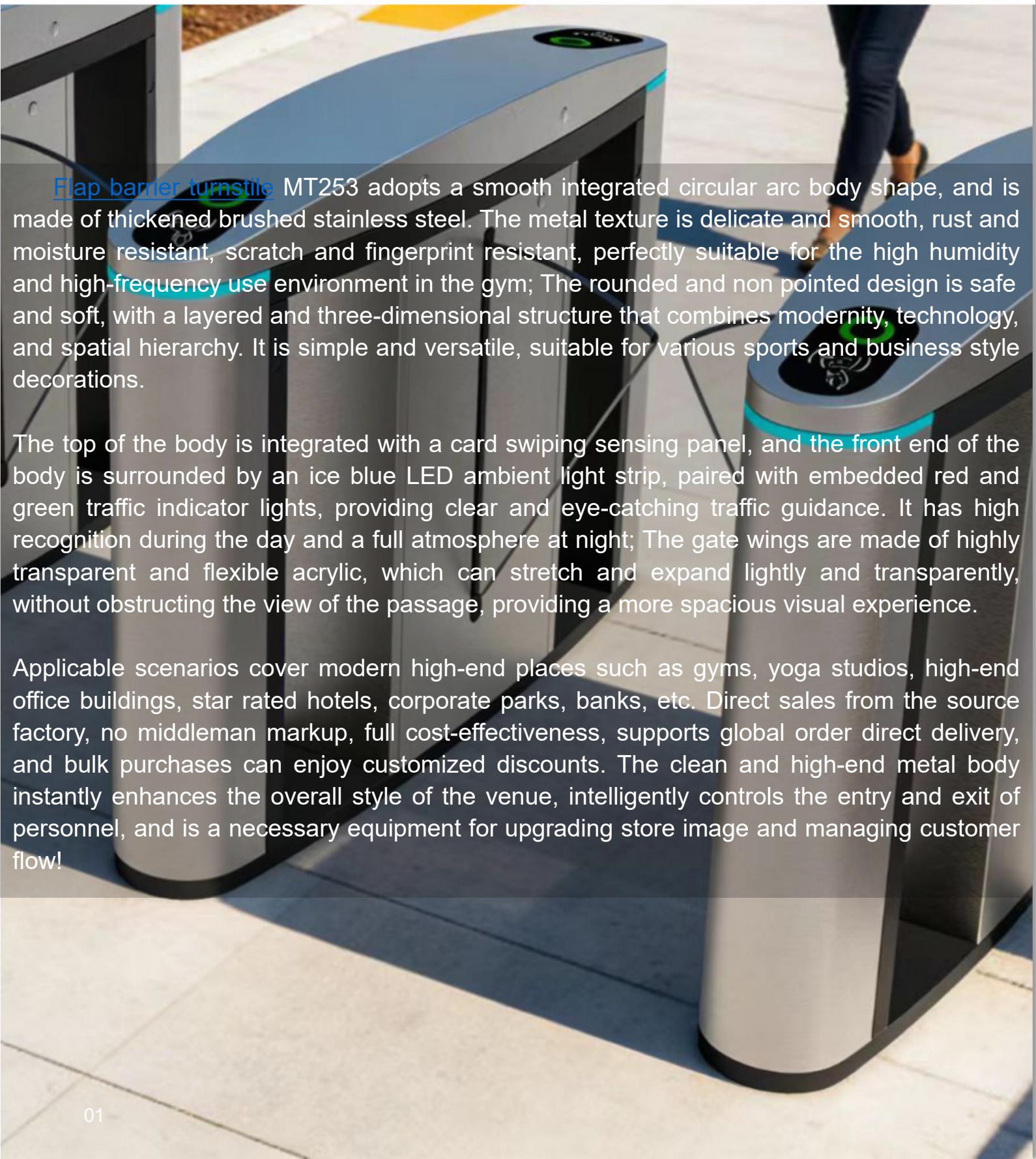
Flap Barrier Brochure MT253

Designed By Mairsturnstile

Provide high-quality security turnstile solutions for global customers



Flap Barrier Turnstile MT253



Flap barrier turnstile MT253 adopts a smooth integrated circular arc body shape, and is made of thickened brushed stainless steel. The metal texture is delicate and smooth, rust and moisture resistant, scratch and fingerprint resistant, perfectly suitable for the high humidity and high-frequency use environment in the gym; The rounded and non pointed design is safe and soft, with a layered and three-dimensional structure that combines modernity, technology, and spatial hierarchy. It is simple and versatile, suitable for various sports and business style decorations.

The top of the body is integrated with a card swiping sensing panel, and the front end of the body is surrounded by an ice blue LED ambient light strip, paired with embedded red and green traffic indicator lights, providing clear and eye-catching traffic guidance. It has high recognition during the day and a full atmosphere at night; The gate wings are made of highly transparent and flexible acrylic, which can stretch and expand lightly and transparently, without obstructing the view of the passage, providing a more spacious visual experience.

Applicable scenarios cover modern high-end places such as gyms, yoga studios, high-end office buildings, star rated hotels, corporate parks, banks, etc. Direct sales from the source factory, no middleman markup, full cost-effectiveness, supports global order direct delivery, and bulk purchases can enjoy customized discounts. The clean and high-end metal body instantly enhances the overall style of the venue, intelligently controls the entry and exit of personnel, and is a necessary equipment for upgrading store image and managing customer flow!

Technical Specifications

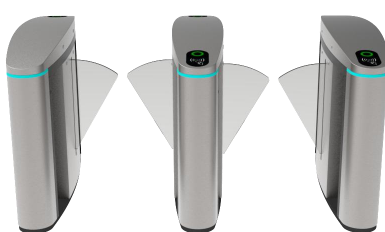
Dimension	1400*300*980mm (4'7" × 0'11.8" × 3'3") (standard)
Passage Width	600mm (1.97ft)
Pass Rate	40 person/min
Mechanism	Super Mute mechanism with Driving Motor 30W/DC24V
IR sensor	6 pairs
Frame Material	Iron, Tempered glass
Sliding arm Material	Acrylic(standard)
Power Supply	100V-240V, 50/60Hz
Open 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

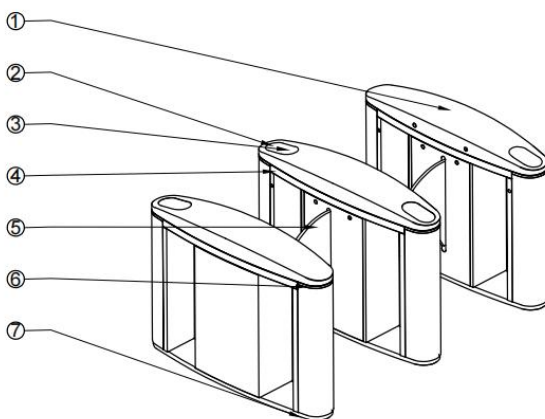


Three Lanes

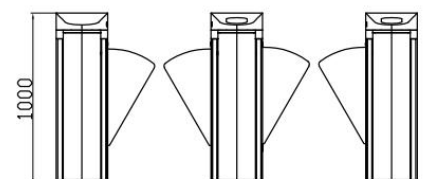
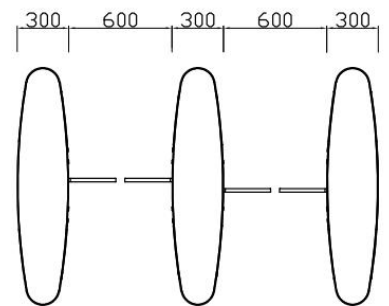
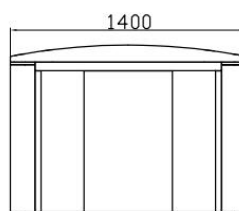
Features

- **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



- ① Stainless Steel Top Lid
- ② Acrylic CARD Window
- ③ Direction Indicator
- ④ IR Sensor Cover
- ⑤ Acrylic Flap Arm
- ⑥ Lane Status Indicator
- ⑦ Position of Fixing Screw



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.



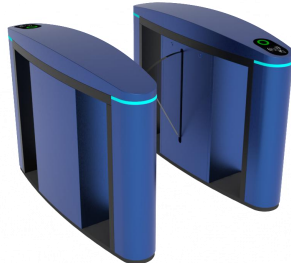
LOGO can be customized

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

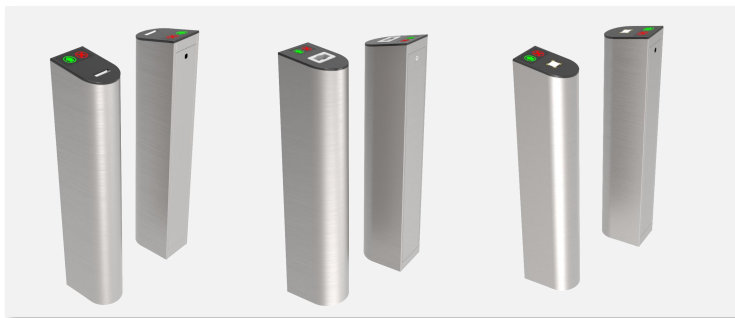
Optional:

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.





Contact Us

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