



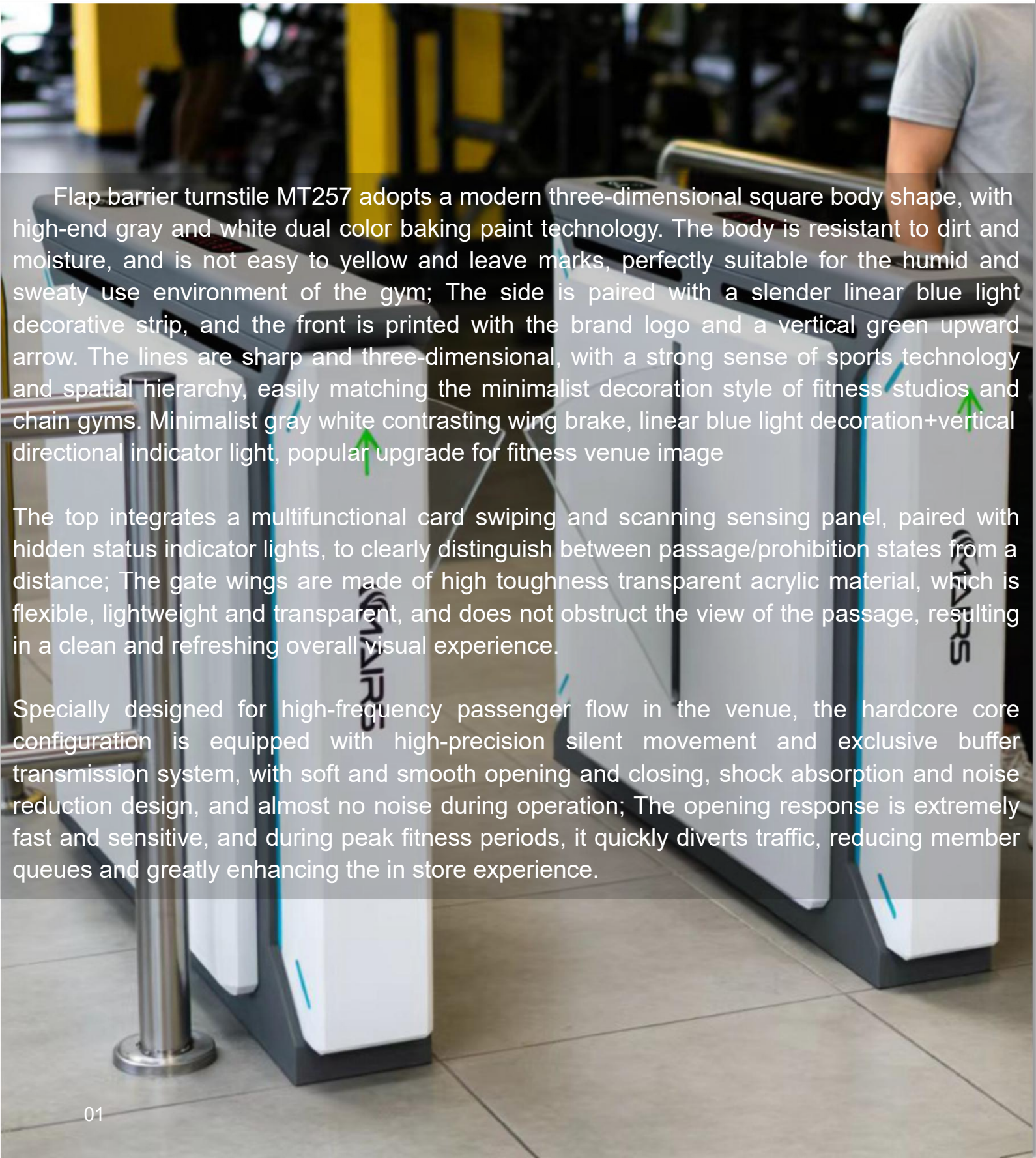
Flap Barrier Brochure MT257

Designed By Mairsturnstile

Provide high-quality security turnstile solutions for global customers



Flap Barrier Turnstile MT257



Flap barrier turnstile MT257 adopts a modern three-dimensional square body shape, with high-end gray and white dual color baking paint technology. The body is resistant to dirt and moisture, and is not easy to yellow and leave marks, perfectly suitable for the humid and sweaty use environment of the gym; The side is paired with a slender linear blue light decorative strip, and the front is printed with the brand logo and a vertical green upward arrow. The lines are sharp and three-dimensional, with a strong sense of sports technology and spatial hierarchy, easily matching the minimalist decoration style of fitness studios and chain gyms. Minimalist gray white contrasting wing brake, linear blue light decoration+vertical directional indicator light, popular upgrade for fitness venue image

The top integrates a multifunctional card swiping and scanning sensing panel, paired with hidden status indicator lights, to clearly distinguish between passage/prohibition states from a distance; The gate wings are made of high toughness transparent acrylic material, which is flexible, lightweight and transparent, and does not obstruct the view of the passage, resulting in a clean and refreshing overall visual experience.

Specially designed for high-frequency passenger flow in the venue, the hardcore core configuration is equipped with high-precision silent movement and exclusive buffer transmission system, with soft and smooth opening and closing, shock absorption and noise reduction design, and almost no noise during operation; The opening response is extremely fast and sensitive, and during peak fitness periods, it quickly diverts traffic, reducing member queues and greatly enhancing the in store experience.

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



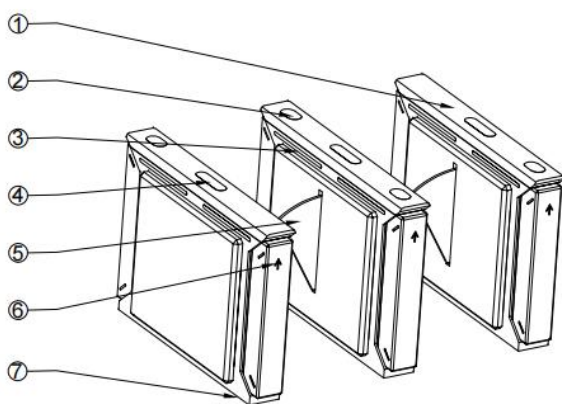
Lane Combination



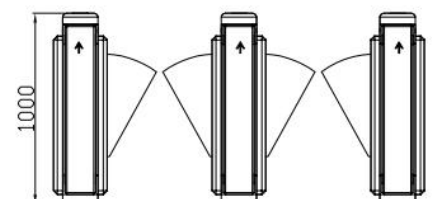
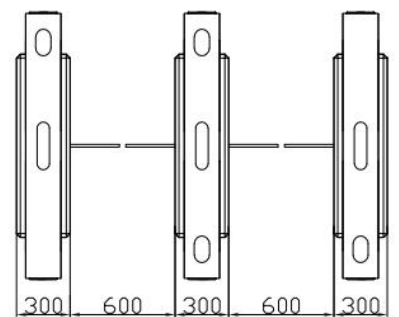
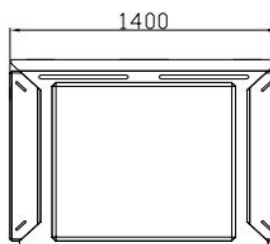
Features

- **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



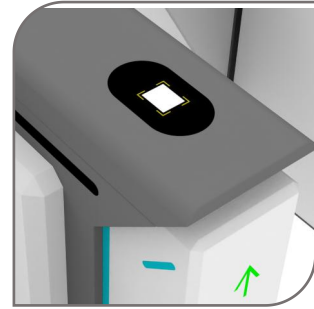
- ① Iron with powder coated Top Lid
- ② Acrylic CARD Window
- ③ IR Sensor Cover
- ④ Lane Status Indicator
- ⑤ Acrylic Flap Arm
- ⑥ Direction Indicator
- ⑦ Position of Fixing Screw



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

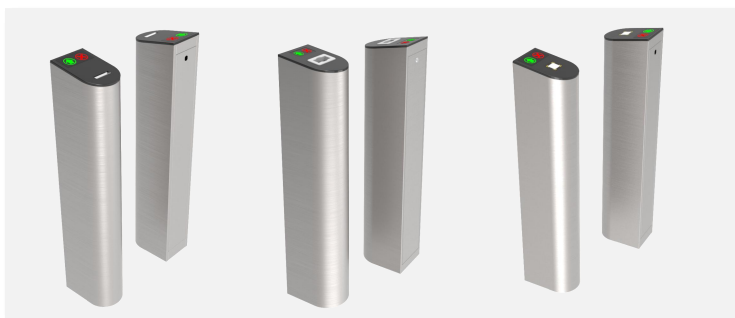
Optional:

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.





MAIRS

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