



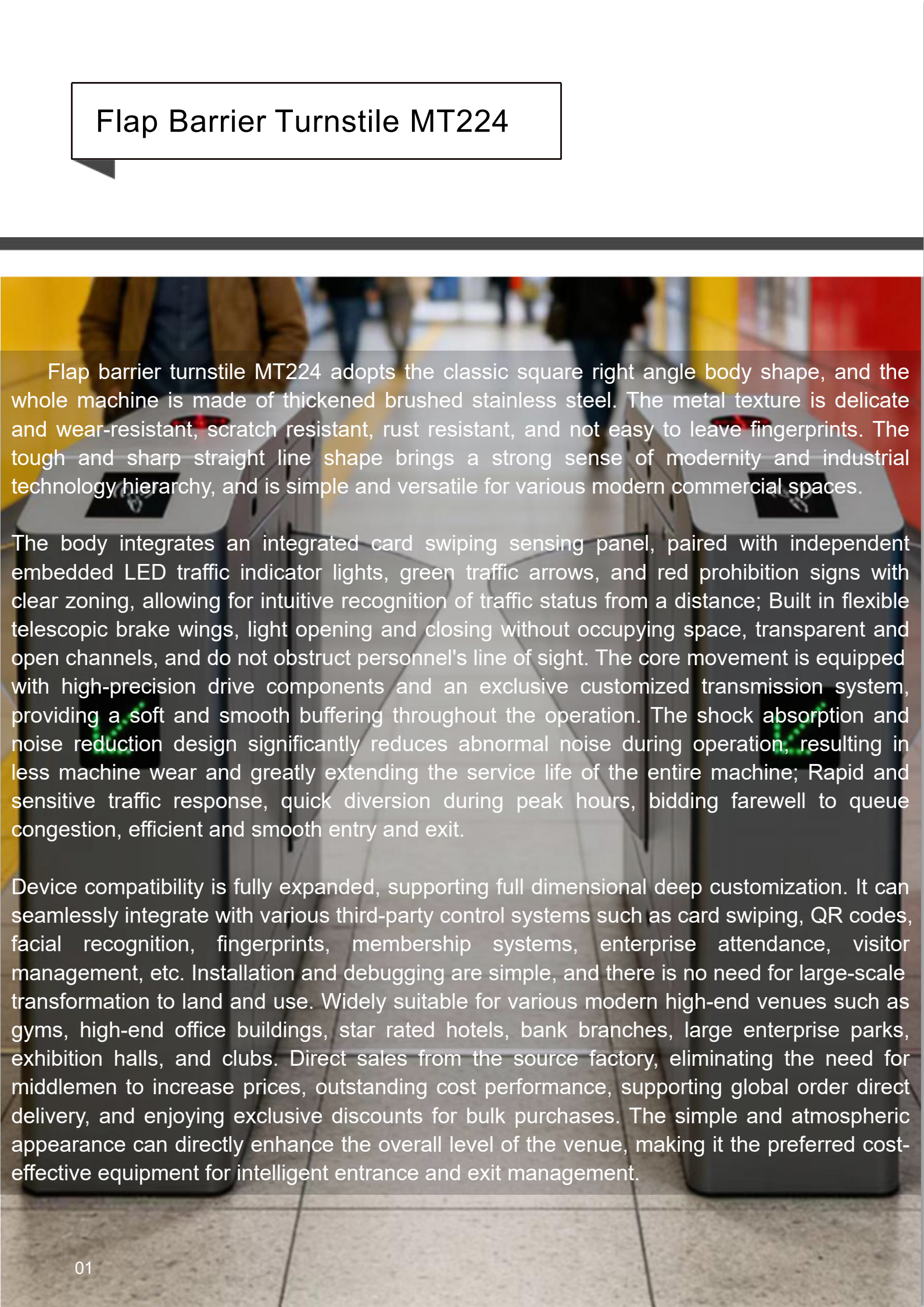
Flap Barrier Brochure MT224

Designed By Mairsturnstile

Provide high-quality security turnstile solutions for global customers



Flap Barrier Turnstile MT224



Flap barrier turnstile MT224 adopts the classic square right angle body shape, and the whole machine is made of thickened brushed stainless steel. The metal texture is delicate and wear-resistant, scratch resistant, rust resistant, and not easy to leave fingerprints. The tough and sharp straight line shape brings a strong sense of modernity and industrial technology hierarchy, and is simple and versatile for various modern commercial spaces.

The body integrates an integrated card swiping sensing panel, paired with independent embedded LED traffic indicator lights, green traffic arrows, and red prohibition signs with clear zoning, allowing for intuitive recognition of traffic status from a distance; Built in flexible telescopic brake wings, light opening and closing without occupying space, transparent and open channels, and do not obstruct personnel's line of sight. The core movement is equipped with high-precision drive components and an exclusive customized transmission system, providing a soft and smooth buffering throughout the operation. The shock absorption and noise reduction design significantly reduces abnormal noise during operation, resulting in less machine wear and greatly extending the service life of the entire machine; Rapid and sensitive traffic response, quick diversion during peak hours, bidding farewell to queue congestion, efficient and smooth entry and exit.

Device compatibility is fully expanded, supporting full dimensional deep customization. It can seamlessly integrate with various third-party control systems such as card swiping, QR codes, facial recognition, fingerprints, membership systems, enterprise attendance, visitor management, etc. Installation and debugging are simple, and there is no need for large-scale transformation to land and use. Widely suitable for various modern high-end venues such as gyms, high-end office buildings, star rated hotels, bank branches, large enterprise parks, exhibition halls, and clubs. Direct sales from the source factory, eliminating the need for middlemen to increase prices, outstanding cost performance, supporting global order direct delivery, and enjoying exclusive discounts for bulk purchases. The simple and atmospheric appearance can directly enhance the overall level of the venue, making it the preferred cost-effective equipment for intelligent entrance and exit management.

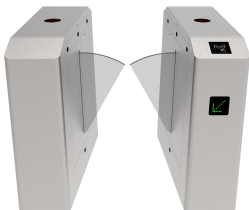


Technical Specifications

Dimension	1200*280*980mm (3'11" × 0'11.8" × 3'3") (standard)
Passage Width	550mm (1.80ft)
Pass Rate	40 person/min
Mechanism	Super Mute mechanism with Driving Motor 30W/DC24V
IR sensor	6 pairs
Frame Material	SUS304/316
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

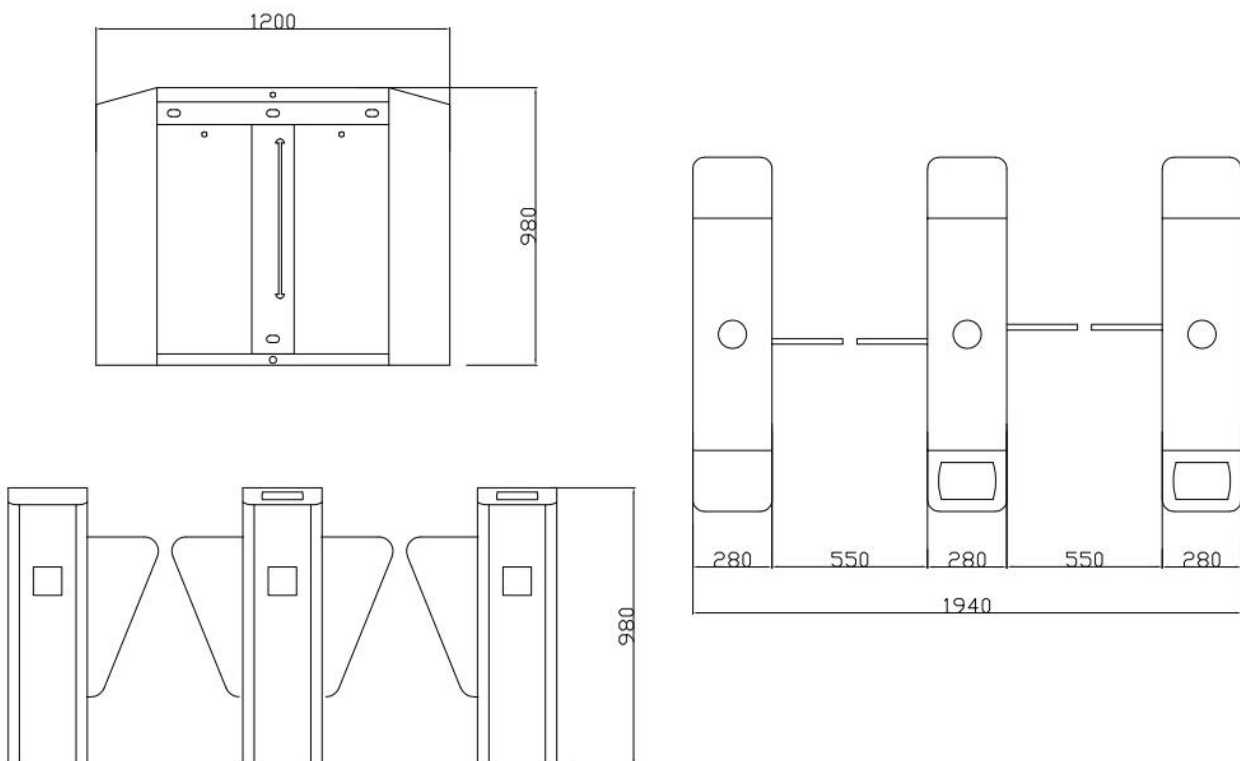


Three Lanes

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.

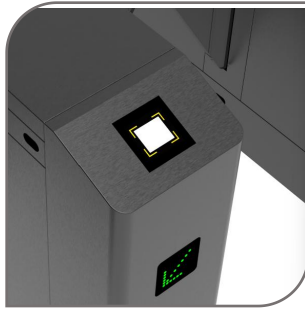
Dimensions



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

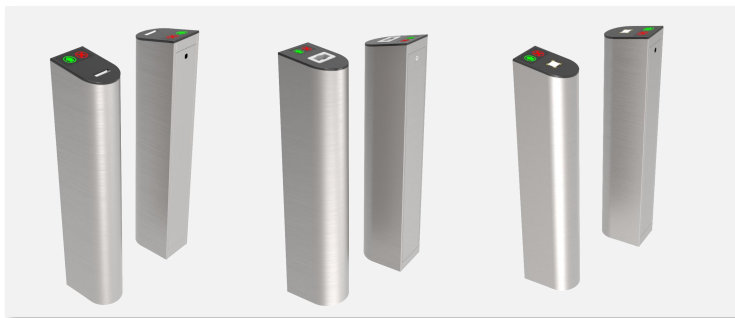
Optional:

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.



The MAIRS logo is displayed in white, featuring a stylized 'M' icon followed by the word 'MAIRS' in a bold, sans-serif font. It is overlaid on a photograph of a woman in a red sports bra and black leggings walking through a turnstile in a gym setting. The turnstile is grey with a green arrow indicating the direction of travel. The background shows gym equipment and orange walls.

MAIRS

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