

Cylinder Speed Gate MT310-B

Brochure

Designed By MairsTurnstile



Provide high-quality security turnstile solutions for global customers



MAIRS

www.mairsturnstile.com

Speed Gate MT310-B

The speed gate turnstile MT310-B adopts an integrated cylindrical shape, with a solid brushed stainless steel body, slender columns that are stable and anti-collision, and narrow channel exclusive adaptation! The top circular LED light strip has advanced levels, and the circular top cover can be equipped with a face/card reader; Brushless servo motor for silent and fast passage, natural physical protection barrier, support for full dimensional deep customization, compatible with third-party access control of all categories, universal for offices, hotels, banks, and gyms, factory direct supply with high cost-effectiveness, global bulk shipment!

Different from traditional square gates, this high-speed gate adopts an integrated round cylindrical column design with smooth and minimalist lines, which is high-end. The whole machine is made of thickened brushed stainless steel with exquisite craftsmanship. The seemingly slender columns are made of solid and heavy materials, which are stable and impact resistant to the ground, effectively preventing tipping over and breaking the brake. Built in high-end brushless servo motor, compared to ordinary movements, it has advantages such as faster opening and closing speed, soft start stop buffering, low noise and no shaking throughout the operation, and stable durability even with frequent human flow in and out; Buffer and anti-collision design, automatically buffering in case of external impact, protecting the movement and body, greatly extending the service life of the equipment.

The cylindrical body occupies a very small area, perfectly adapting to narrow spaces such as elevator entrances, corridors, and lobby passages, without squeezing the passage space; The column top surround LED ambient light strip has a clear and eye-catching red and green state, with a metallic brushed texture and circular lighting, creating a sense of hierarchy and delicacy that can be used in various simple business spaces.

Technical Specifications

Dimension	φ168*1000mm (0.55*3.28*ft) (standard)	Power Supply	100V-240V 50/60Hz
Brand	MairsTurnstile	Working Mode	Single pcs or a pair.
Material	SUS 304 / Iron with powder coated	Working Environment	Indoor
Arm Material	Acrylic/Stainless steel	Open Signal	Passive Relay (Dry Contact)
Passage Width	600mm (1.97ft) -900mm(2.95ft)	Communication	RS485/RS232
Passage direction	Unidirectional/Bi-directional	Working Temperature	-40°C ~ 70°C
Mechanism	DC Brushless Motor	Working Direction	Unidirectional/Bi-directional
Pass rate	40 persons/minute	MCBF	3,000,000 Cycles
Operating time	0.2 seconds	Relative Humidity	95% Maximum



Lane Combination



One Lane

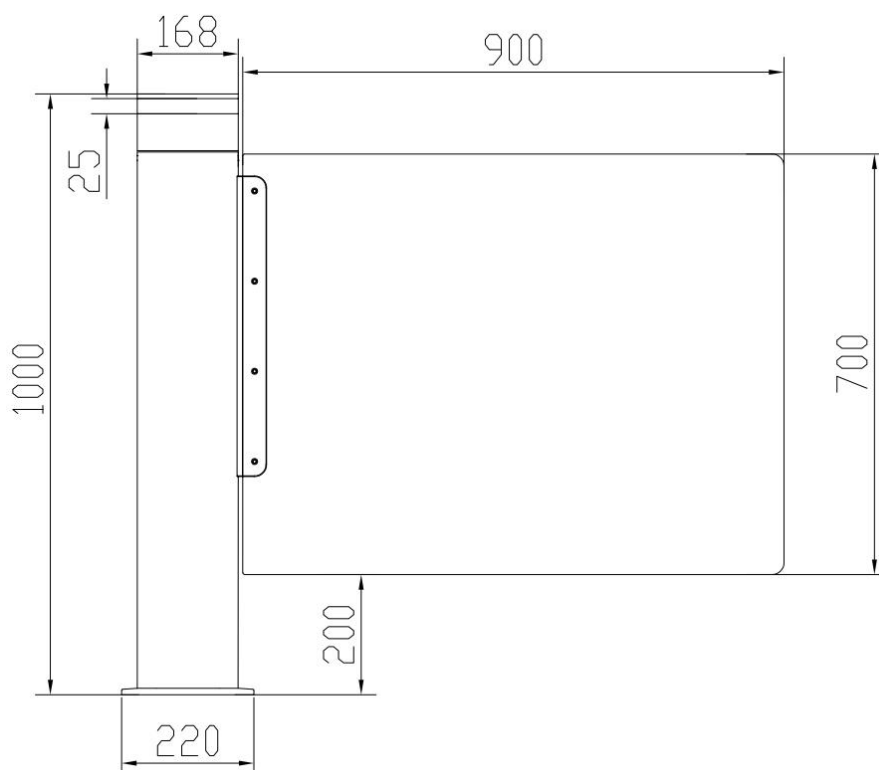
Two Lanes

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.



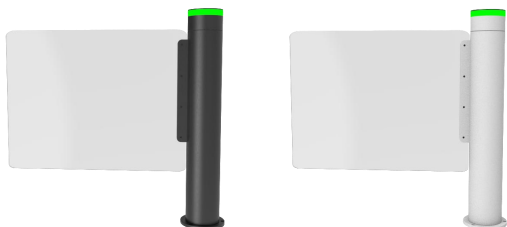
LOGO can be customized

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

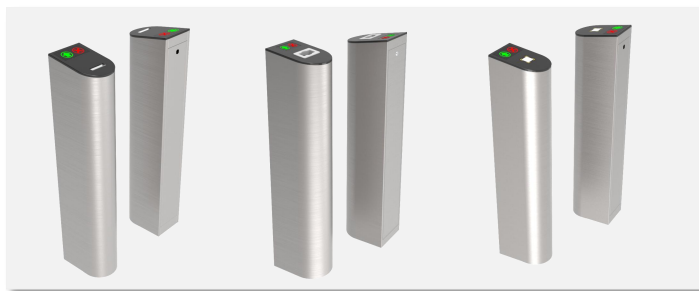
Optional:

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

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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