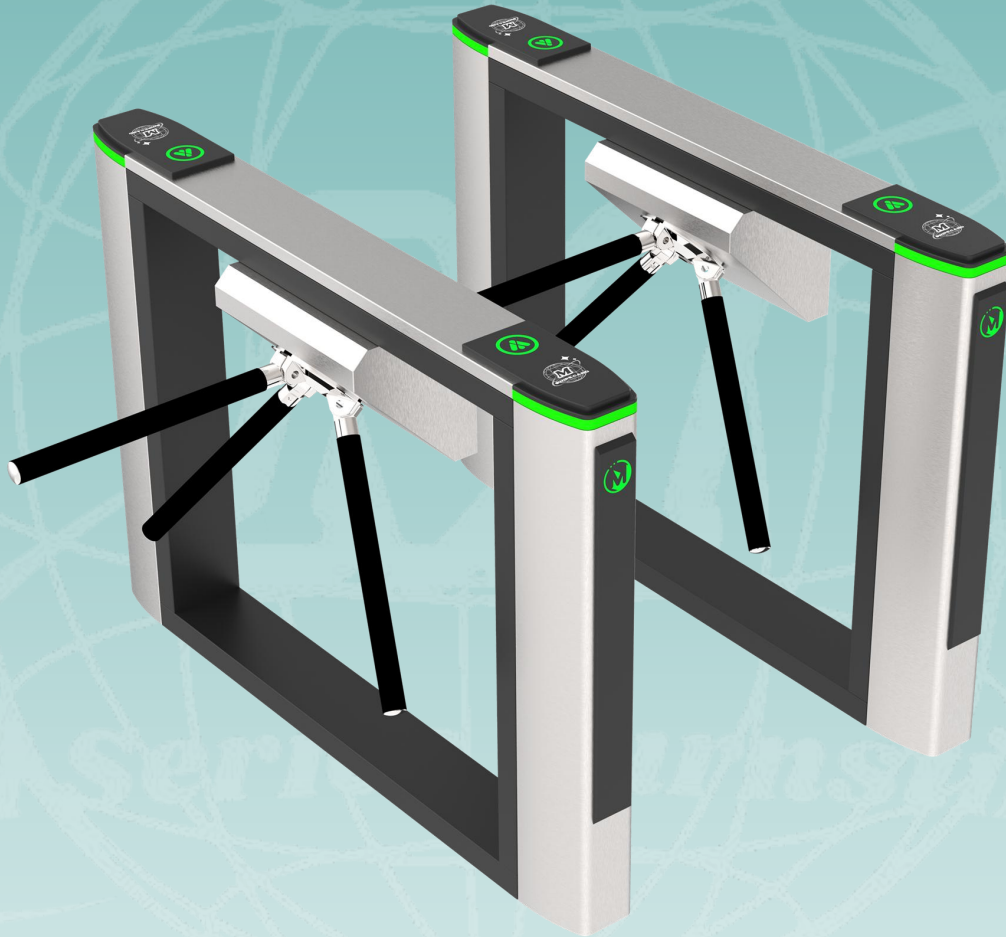


M Series Turnstile



M series tripod turnstile MT100

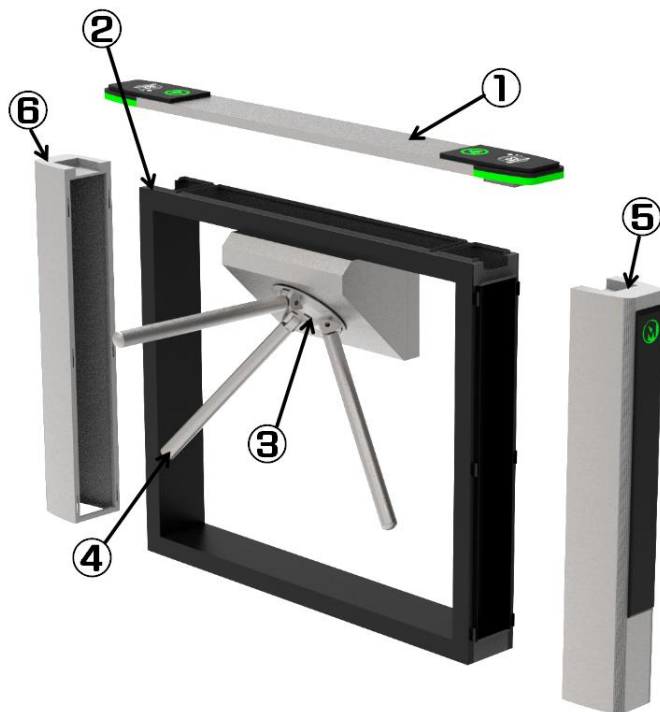
Skeleton structure: secure, waterproof

Chassis: a snap-fastener structure, easy to install

Top Lid: hidden screw, more stable and higher security

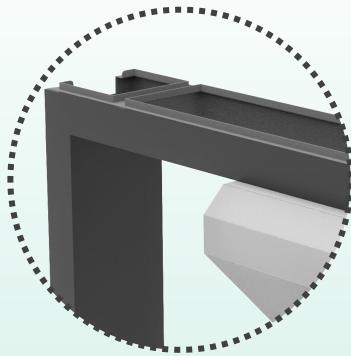
Exploded View

- ① Top cover
- ② Framework
- ③ Mechanism
- ④ Turn arms
- ⑤ Front post
- ⑥ Rear post

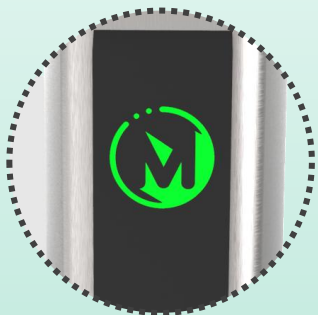


Details View

**Waterproof structure
Indoor/Outdoor use**



**M Series Direction Indicator
M Series Swipe Card Logo**



Lane Status Indicator



**Framework structure,
more sturdy**



**Outside fixing holes for
easy installation**



**Snap-in design for
easy installation**



Technical Specifications

Gate Dimension	1420*250*990mm (4.66*0.82*3.25ft) (standard)
Gate Material	SUS 304 and powder coated
Turn arm Material	SUS 304
Arm Length	510mm (1.67ft)
Passage Width	550mm (1.80ft)
Power Supply	100V-240V 50/60Hz
Operational voltage	DC 24V $\pm$ 5%
Voltage of indicator lamp	DC12V $\pm$ 5% (standard)
Mechanism	Semi-automatic (standard), Full automatic (optional)
MCBF	3,000,000 Cycles
Passage direction	Unidirectional/Bi-directional
Open Signal	Passive Relay (Dry Contact)
Communication	RS485/RS232
Passing speed	30 persons/min
Working Temperature	-30°C ~ 60°C
Working Environment	Indoor and outdoor

Features

- **LED ALERTS** Indicate traffic direction with highly-visible blue, green and red. The front LED will keep blue shows that the lane is available. If the lane is not available, it can modify to be red.
- **EMERGENCY EXIT** Functionality allows free passage in the event of an emergency. The arm will drop off when power outage. Manually reset when power is restored. * If the mechanism is fully automatic, it will self-test after powering up and the turn arms will rotate and lift automatically.
- **WORKING DIRECTION** Single directional or Bi-directional are optional.
- **AUTOMATIC RESET** Arms will lock automatically within 5s (adjustable) if a person delay to access.
- **ANTI-PASS BACK** The turnstile will stay in lock if someone wants to entry in the reverse direction.
- **ANTI-INTRUSION** The gate is locked automatically until a valid open signal is sent.
- **FAST UNLOCK** One there is a valid signal, the gate will unlock within 0.2s (adjustable).
- **HYDRAULIC DAMPER** Equipped with a hydraulic shock absorber for less noise during operation.
- **MOLD DESIGN** The mechanism is mold design. The components are more precise. It can save more labor cost and easier to assemble.



PASSING SPEED



BI-DIRECTION



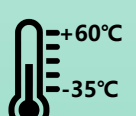
POWER SUPPLY



ANTI-TAILGATING

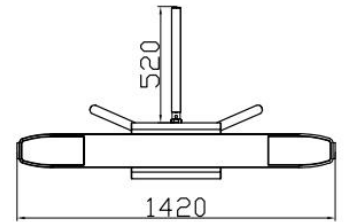
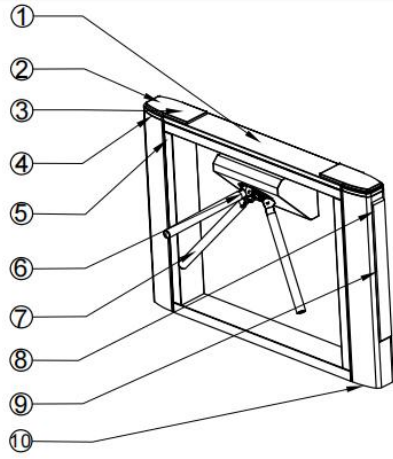


PROTECTIVE LEVEL

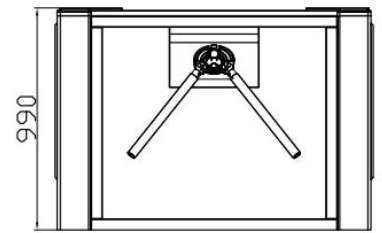
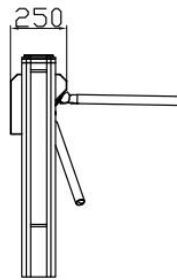


TEMPERATURE RANGE

Dimensions



- ① Stainless Steel Top Lid
- ② Acrylic CARD Window
- ③ Direction Indicator
- ④ Lane Status Indicator
- ⑤ Framework
- ⑥ Turn ARM
- ⑦ Tripod sleeve
- ⑧ Lane Status Indicator
- ⑨ Acrylic Decorative Bar
- ⑩ Position of Fixing Screw

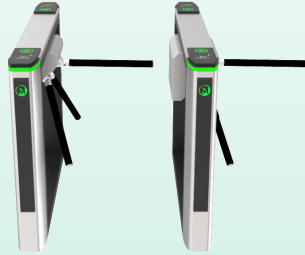


*Gate size and lane width can be customized to site dimensions.

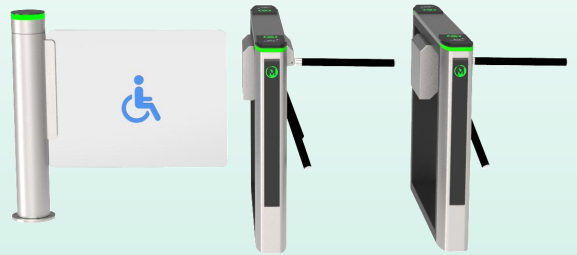
Lane Combination



One lane



Two lanes



Three lanes (Can be combined with other turnstiles)



Customization

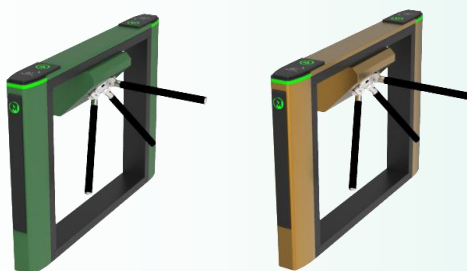
The cutout for readers can be customized

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.



Chassis color can be customized

Supports paint coated or galvanized. RGB, RAL or Pantone number required.



LOGO can be customized

Logo can be printed on swing arm, acrylic decorative bar, swipe card window. AI or CRD files required.



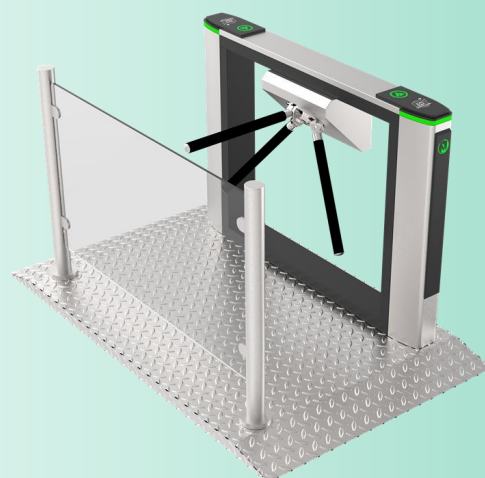
LED colors can be customized

Standard colors are blue, green and red. The following five colors are available.



Customizable base plates

- Optional:
1. Mounting base (for above floor wiring)
 2. Removable base with wheels (for temporary events)



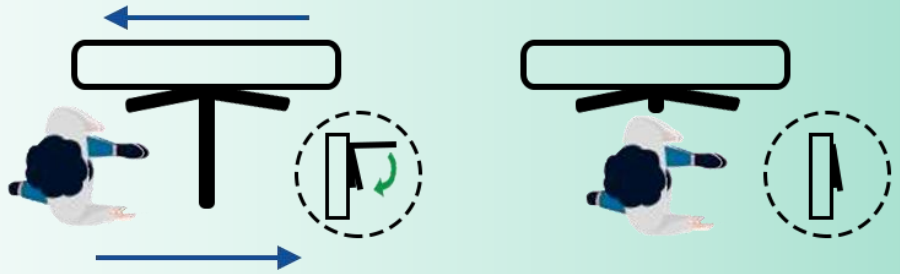
Other customizable options

- Gate dimensions: Can be customized according to the site.
- Material: 304 stainless steel to 316 stainless steel, or iron with powder coated (color can be customized).
- Swing arm material available in glass or acrylic.
- Lights can be added.
- Swipe card icon can be cancelled.
- Customized 3D drawings are available based on the site photos.
- OEM&ODM service is available.

Emergency Mode



Powered of equipment
with Super Capacitor Backup



In case of a power outage, turn arms will drop off when power outage. Manually reset when power is restored.

* If the mechanism is fully automatic, it will self-test after powering up and the turn arms will rotate and lift automatically.

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.



Remote control



Face recognition



RFID card



Fingerprint recognition



QR code/ barcode



Coin/card collection



Counter



Button



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