

TL 1

Technical datasheet

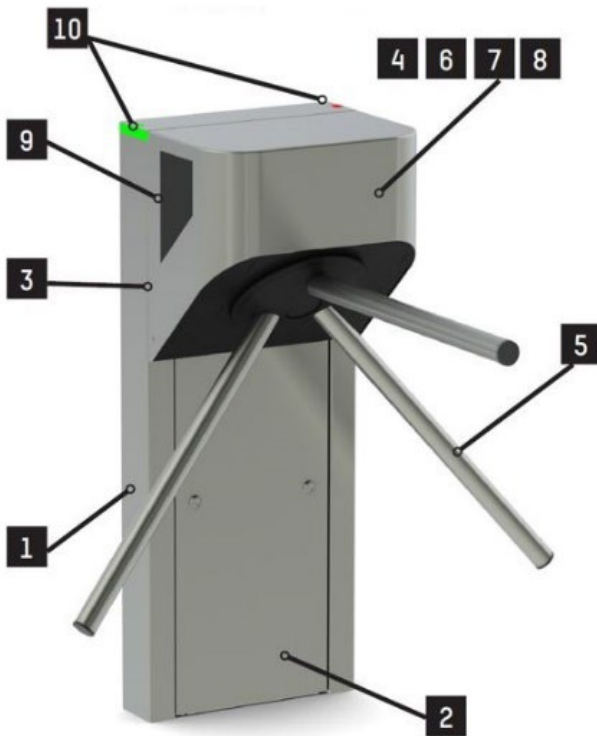
NAM-TL 1-FT-EN-D



AS **AUTOMATIC**
SYSTEMS

Access controlled...
Future secured

DESCRIPTION



1. **Cabinet** made of 304L stainless steel.
2. **Front panel** made of 304L stainless steel and locked to secure access to the electronic boards and connection terminals.
3. **Removable top cover** made of 304L stainless steel providing an easy access to the unit's internal mechanisms.
4. **Tripod mechanism:** locking is assured by electromagnets and locking bolts, mounted on self-lubricating bearings. Depending on the operation mode selected, an anti-pass back feature can prevent the arm from rotating in the other direction (*bidirectional as standard and unidirectional is optional*).
5. **AISI 304L stainless steel arms.**
6. **Proven and reliable internal logic board (AS1635).**
7. **Damping system** to progressively slow down the rotation of the arm providing a smooth rotation.
8. **Network connectivity (IP).**
9. **Available locations for access card reader integrations.**
10. **Static function pictograms** indicating the turnstile and passage status to the user.

OPERATIONAL CONFIGURATIONS

The **TriLane TL 1** turnstile offers 5 different operating modes per passage direction:

- Free Access.
- Mechanically locked access.
- Mechanically locked access with automatic unlocking device to allow free passage in case of power failure (*free rotation*).
- Electrically controlled access.
- Access electrically controlled with automatic unlocking device to allow free passage in case of power failure (free rotation).

The **TriLane TL 1** tripod turnstile provides cost-effective and dissuasive automated access control. Access control devices can be integrated, such as: card readers, bar code scanners, facial recognition cameras, etc.

The **TriLane TL 1** tripod robust and reliable mechanical design comes with various configurations to suit different types of pedestrian entrance control.

The **TriLane TL 1** tripod turnstile can include an optional anti-panic device which in the event of a power failure, unlocks the arm from the secured horizontal position and drops it instantaneously to the vertical position. The result is a completely unobstructed passageway for emergency egress. The arm can manually be put back into the secured horizontal position to return to regular usage.

The **TriLane TL 1** tripod turnstile can be installed indoor or outdoor (with the right option added), in single or multiple lanes configurations.

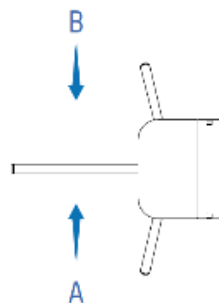
STANDARD TECHNICAL CHARACTERISTICS

Electrical Requirements	120V single phase 60 HZ
Power Rating	Max. 20 W (Without any heating option)
Throughput	20 passages per minute (Depending on the access control system reactivity and the speed of users)
Installation Environment (without optional internal heater)	Ambient temp: 14 to 122°F (-10 to +50°C) Ambient humidity: Less than 95%RH (No condensing allowed)
MCBF (mean cycles between failure)	5.000.000 cycles
Net Weight	101 lbs (46 kg)
IP Rating	44
Certification	

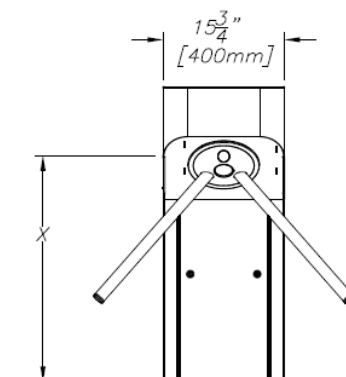
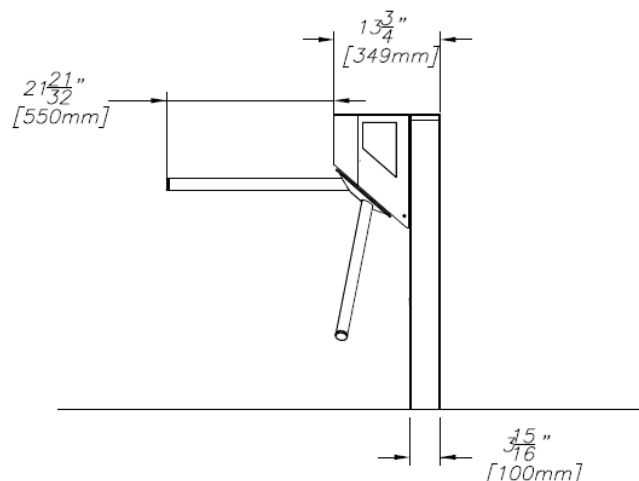
OPERATING MODES

Direction A = housing located at the right-hand side of the passageway.

Direction B = housing located at the left-hand side of the passageway.



STANDARD DIMENSIONS



OPTIONS

1. Collapsible Arm.
2. AISI 316 stainless steel cabinet.
3. Non-standard RAL colors.
4. Internal heating (*to withstand an ambient temperature down to -4°F / -20°C*).
5. Access card reader integration*.
6. Barcode reader integration*.
7. Ramps*.
8. Monitoring panel (*Smart & Slim*, *Smart Touch* or the Push Button Control Panel).
9. Emergency exit push button.



For restrictions on options, please speak to your sales representative.

SURFACE TREATMENT

All internal parts are treated to prevent oxidization.

WORK TO BE PROVIDED BY OTHERS (NOT SUPPLIED)

- Performing the electrical interconnections and connections to the power grid.
- Performing the connections to the access control systems.
- Anchoring the equipment with the appropriate specific floor type hardware.



All work should be performed as per the project specific implementation and interconnection diagrams provided.

Arm's height	X (TL1)
Dropping arm	28 15/16" [735 mm]
Standard arm	29 1/8" [740 mm]