



TriLane TL2 Waiste High Turnstile

The TriLane TL 2 tripod turnstile provides cost-effective and dissuasive automated access control. Access control devices can be integrated, such as: card readers, coin/token receptacle, ticketing system, bar code scanners, facial recognition cameras, etc.

The TriLane TL 2 tripod robust and reliable mechanical design comes with various configurations to suit different types of pedestrian entrance control.

The TriLane TL 2 turnstile can include an optional antipanic 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.

Description

1. Cabinet made of painted steel.
2. Front and Rear sections are made of aluminum and are designed to incorporate access control equipment in both the entry and the exit directions.
3. The removable top cover made of 304L stainless steel and lockable by key provides an easy access to the unit's internal mechanisms.
4. Tripod mechanism: locking is assured by lectromagnets 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


Security & Safety

- Single passage every time
- Mechanical locking to withstand forced entry attempts
- Anti-pass back device to prevent unauthorized use
- Built to withstand intensive/abusive use
- Collapsible arm in case of emergency or power failure (option)
- CSA Certified

Reliability & Performance

- Superior mechanical systems and electronics
- Auto-centering mechanism to guarantee complete rotation
- Crawling and jump over detection (option)
- Highly reliable (MCBF of 5 million cycles)

Key Features

Input Power	120 single phase 60 Hz
Consumption per lane	Max 20 W (nominal)
Motor	24V DC
Ambient operating T° (without optional heater)	14 °F to 122 °F [-10 °C to 50 °C]
Passage Width	21" (533 mm)
Throughput	20 passages per minute
MCBF (Mean Cycle Between Failure)	5,000,000 cycles, with recommended maintenance
Weight	60 kg (132 lb)
IP	44
Certification	CSA 

Options

- Collapsible Arm
- AISI 304 stainless steel cabinet
- AISI 304 stainless steel front and rear sections (2 directions).
- Non-standard RAL color
- Heater (up to -4° F / 20°C)
- Dual heaters (up to -40° F / -40° C)
- People counter with housing (by passage direction)
- Monitoring Panel (Smart'n Slim/Manual CP)
- Crawl under and jump over detection

Surface Treatment

All internal parts are treated to prevent oxidation.

Common Applications:

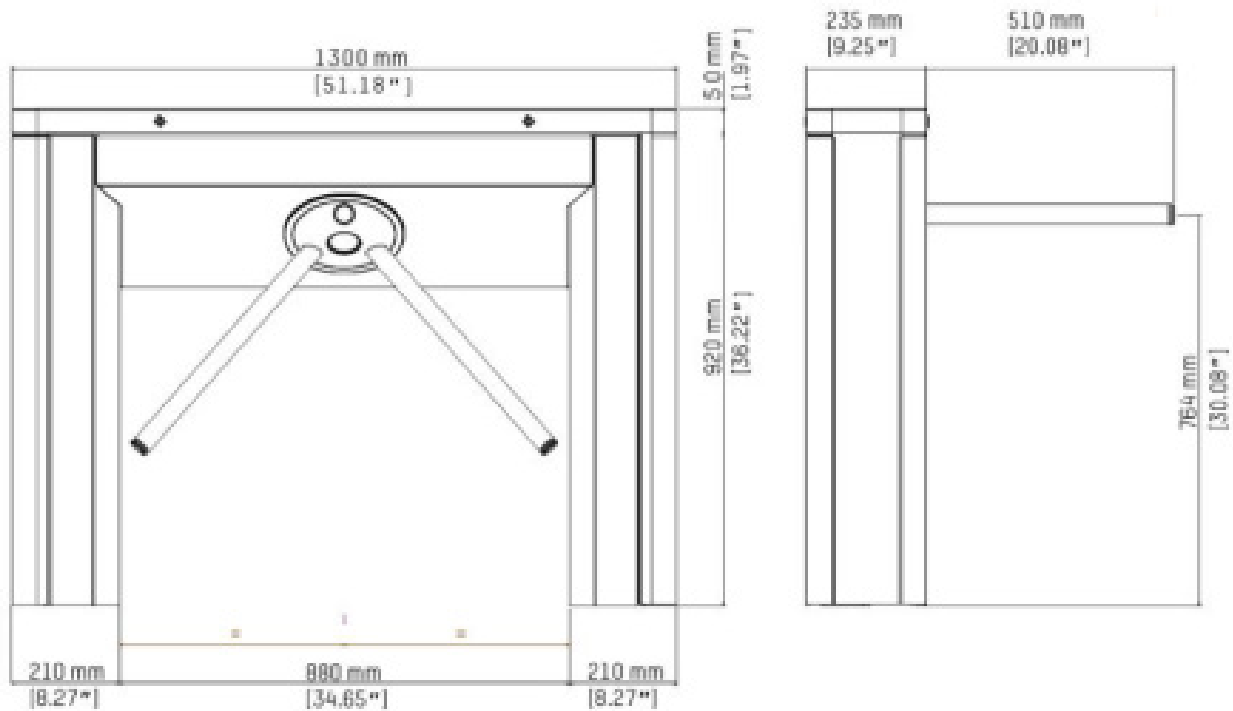
- Interior
- Exterior
- Recreation

Work to be Provided by Others (Not Supplied)

- Performing electrical interconnection and connections to the power grid
- Performing connections to the access control systems
- Anchoring the equipment with the appropriate hardware for your floor type

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

Dimensions: TriLane TL2



With a constant view to adopting the latest technological developments, Automatic Systems reserves the right to amend the above information at any time.



Operating Modes:

Direction A= housing at right hand side of the passageway

Direction B= housing at left hand side of the passageway

