avant•garde

AUTOMATIC SYSTEMS

TriLane TL1

Waiste High Turnstile

TriLane tripos turnstile offers dissuasive automated access control. They can integrate ac cess control devioces such as: card readers, barcode scanners, facial recognition cameras, etc.

The Tripods robust and reliable mechanical design comes with various configurations to suit different types of pedestrian entrance control.

The TriLane turnstile can include an optional ant-panic device which, in the event of a power failure, unlocks the arm from the secured horizontal position and drops it instentaneously to the verticle position. The reult is a completely unobstructed passageway for emergency egress.

Description

1. Cabinet made of painted steel
2. Front panel is painted steel, locked by 2 locks for access to the electronic and connection terminals
3. Removable top cover made of stainless steel and lockable by key provides easy access to the TriLanes internal mechanism
4. TriLane mechanism: Locking is assured by electromagnets and locking bolts, mounted on self-lubricating bearings. Depending on the operational 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 304 stainless steel arms
6. ASI 635 logic boared
7. Dampening system for progressive slowing down of the arm rotation
8. Network connectivity
9. Location for reader integration
10. Orientation and function pictograms indicating turnstile and passage status to the user

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125 E. Stansifer Ave
Clarksville, IN 47129

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 85 W (nominal)
Maximum Relative Humidity	95 %, without condensation
Ambient operating T° (without optional heater)	14 °F to 122 °F [-10 °C to 50 °C]
Maximum Throughput	20 passages per minute
Weight	101 lbs [46 kg]
MCBF (Mean Cycle Between Failure)	5,000,000 cycles, with recommended maintenance
Certification	CSA

Options

- Collapsable Arm
- Arm length of 550 mm
- AISI 304 stainless steel cabinet
- AISI 316 stainless steel cabinet
- Non-standard RAL color
- Heater *(up to -4° F / 20°C)*
- Reader integration
- Raides base
- Moniroing Panel (Smart'n Slim, Smart Touch Manual Control Panel)

Surface Treatment

All internal parts are treated to prevent oxidation.

Common Applications:

As an access-control application, the TL 1 tripod turnstile is a true "tank" that withstands repeated wear and tear in high-volume pedestrian areas such as :

- Educational institutions such as Universities and Colleges
- Office buildings, head offices, administrative sites
- Industrial and manufacturing facilities
- Sports centers, Cultural or entertainment venues
- Ports and harbors

Work to be Provided by Others (Not Supplied)

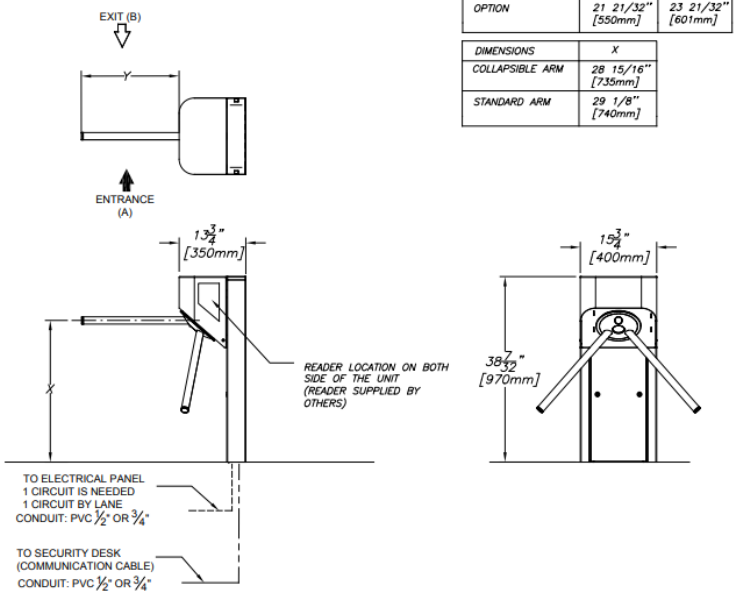
- Performing electrical interconnection and connections to the power grid
- Performing connections to the access control systems
- Anchoring the equipment with the appropriate hardware for your floor type

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

Dimensions: TriLane TL1

DIMENSIONS	Y	Z
STANDARD	20 1/16" [510mm]	22 1/16" [560mm]
OPTION	21 21/32" [550mm]	23 21/32" [601mm]

DIMENSIONS	X
COLLAPSIBLE ARM	28 15/16" [735mm]
STANDARD ARM	29 1/8" [740mm]

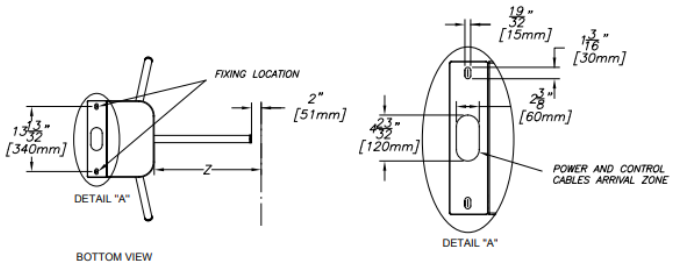


NOTES:
1- TRILANE NOTES:
-ALL WIRING MUST MEET OR EXCEED STANDARDS, CODES AND MUST BE INSTALLED BY A CERTIFIED TECHNICIAN.

-1/2 " X 5.5" ANCHORING FURNISHED BY ASA. (DRILL SIZE ø1/2")

-RESPECT ALL STANDARDS AND LAWS APPLICABLE WHERE THE PRODUCT WILL BE INSTALLED.

2-CABLE NOTES:
-THIS WORK IS TO BE CONSIDERED BY THE CUSTOMER.
-ALL CABLES MUST EXCEED THE GROUND BY 10'.
-A PULL CABLE MUST BE CONSIDERED BETWEEN EACH GATE.



Operating Modes:

Direction A= housing at right hand side of the walkway

Direction B= housing at left hand side of the walkway