TRITON FULL HEIGHT
Octagonal Glass Turnstile

The TRITON full height series is designed to be a high security and aesthetic access control solution.

APPLICATIONS
- Suited for applications requiring high volume access and high levels of security
- Used extensively in applications such as office receptions, commercial buildings and universities.

DESIGNED FOR:
- Interior Installation
- Harsh operating conditions

AVAILABLE CONFIGURATIONS
- 3 wing (120°)
- Single and double

FEATURES
- Zinc plated for corrosion resistance
- Ultra quiet, buffered solenoids and pawls
- Solenoids rated for 100% duty cycle
- Cased hardened locking disk and pawls eliminate any wear
- Factory settings need no further adjustment
- No routine maintenance ever
- Ultra heavy-duty electromechanical rotation locking mechanism
- Bi-directional operation
TECHNICAL SPECIFICATIONS

POWER
220 Volt AC (110 Volt AC on request)

FREQUENCY
50Hz / 60Hz

POWER CONSUMPTION
50W (single turnstile) / 100W (double turnstile)

SOLENOID VOLTAGE
24 Volt DC (12 Volt DC on request)

LOGIC VOLTAGE
24 Volt DC

DIMENSIONS
<table>
<thead>
<tr>
<th>Configuration</th>
<th>Dimensions</th>
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<tbody>
<tr>
<td>Single turnstile</td>
<td>63&quot; (1600) wide x 90.15&quot; (2290) high</td>
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<tr>
<td>Double turnstile</td>
<td>85.82&quot; (2180) wide x 90.15&quot; (2290) high</td>
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ROTOR DIAMETER
49.21" (1250mm)

ROTOR WING CONFIGURATION
3 wing (120°)

FORM
Octagonal

ROTOR GLASS WINGS
10mm toughened glass

KICKPLATE
6mm mild steel / stainless steel

FRAME GLASS INFILL
6mm toughened glass

PUSH HANDLES
Stainless steel

LIGHTING
4 low-voltage downlighters

DESIGN
Modular bolt-together design for ease of transport and installation. Components can pass through a standard door. Can be packed in broken-down form either onto a pallet or into a crate for transport

SYSTEMS INTEGRATION
- Integrates with all access control and time & attendance systems
- Unlocking for entry / exit rotation controlled through normally open dry contacts
- Transaction / Rotation complete output
- Integral wireways with draw wires in place – no exposed wires

MANUFACTURING OPTIONS

ROTATION OPTIONS
- Electrically controlled bi-directional rotation (factory standard)
- Mechanically controlled uni-directional rotation by means of key override
- Free rotation

LOCKING OPTIONS
- Fail-secure auto-lock on power failure (factory standard)
- Fail-safe auto-unlock on power failure
- Each direction of rotation configurable for either fail-secure or fail-safe operation

FIRE ALARM OPTIONS
- Free rotation when triggered indefinitely (logic programmed for either direction of rotation on request)

POWER OPTIONS
- Battery backup with two 12 volt 7Ah batteries connected in series
  - Up to 1000 transactions in fail-secure mode
  - Up to 60 minutes operation in fail-safe mode

ACCESSORY OPTIONS
- Card / Proximity reader mounting brackets
- Biometric / Fingerprint reader mounting brackets
- Single / Double pushbutton in plastic housing
- LED red cross and green arrow indicator light

FRAME & KICKPLATE FINISH OPTIONS
- Mild steel with UV resistant polyester exterior powder coat finish (charcoal blue hammertone)
- 304 grade brushed stainless steel
- 316 grade brushed stainless steel
  - other colours available on request
  - suitable for corrosive environments (details available on request)
TRITON OCTAGONAL SINGLE DIMENSIONS: Inches (mm)

ELEVATION

PLAN

TRITON OCTAGONAL DOUBLE DIMENSIONS: Inches (mm)

ELEVATION

PLAN

RELATED PRODUCTS

TRITON FULL HEIGHT CURVED GLASS TURNSTILE

MANUAL AND AUTOMATIC REVOLVING DOORS

TRITON HALF HEIGHT GLASS TURNSTILE