

# TRITON

## HALF HEIGHT GLASS TURNSTILE



### Prestige access control

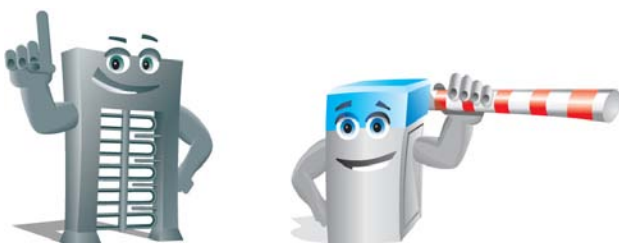


Tridey™ is a member of the Turnstar family



- The TRITON HALF HEIGHT is designed to be an aesthetic and functional prestige access control solution
- Designed for high speed ultra quiet operation
- Exported worldwide

APPLICATIONS	<ul style="list-style-type: none"> <li>• Suited for applications requiring high volume access and medium levels of security</li> <li>• Used extensively in applications such as office receptions, commercial buildings, and universities</li> </ul>
DESIGNED FOR	<ul style="list-style-type: none"> <li>• Interior installations</li> <li>• Harsh operating conditions</li> </ul>
AVAILABLE CONFIGURATIONS	<ul style="list-style-type: none"> <li>• 3 arm (120°)</li> <li>• Single</li> </ul>



Turney™ and Traffey™ are members of the Turnstar family

**TURNSTAR**   
RELIABLE ★ DURABLE ★ GUARANTEED

# Unique features of the TRITON HALF HEIGHT turnstile

## ROTALOK® ROTATION LOCKING MECHANISM

- Fitted to all TRITON HALF HEIGHT turnstiles
- Ultra heavy-duty electromechanical rotation locking mechanism
- Bi-directional operation
- Designed by professional engineers
- Tried, tested and perfected over a period of more than 20 years

### RELIABLE



### TECHNOLOGY

- Self-centering rotation system – rotor returns to starting position after every rotation
- Anti-trap® safety system - no mid-rotation locking or trapping in the event of a power failure
- Extra secure 60° anti-reverse system
- Programmable PLC logic with user diagnostic features
- Mechanical key override – clockwise and anticlockwise directions

### DURABLE



### FEATURES

- Zinc plated for corrosion resistance
- Ultra quiet, buffered solenoids and pawls
- Solenoids rated for 100% duty cycle
- Case hardened locking disk and pawls – eliminating any wear
- Factory settings need no further adjustment
- No routine maintenance whatsoever, ever

### GUARANTEED



### MANUFACTURED TO LAST

- 5 year mechanical guarantee
- 1 year electrical guarantee

## ROTARUN® PERPETUAL BASE BEARING

- Fitted to all TRITON HALF HEIGHT turnstiles

### RELIABLE



### TECHNOLOGY

- Combination of stainless steel and self-lubricating engineering plastics

### DURABLE



### FEATURES

- Designed for the harshest of conditions
- 100% corrosion resistant
- Unaffected by dust, dirt or moisture
- Self lubricating

### GUARANTEED



### MANUFACTURED TO LAST

- Zero maintenance
- 5 year guarantee

## Technical Specifications

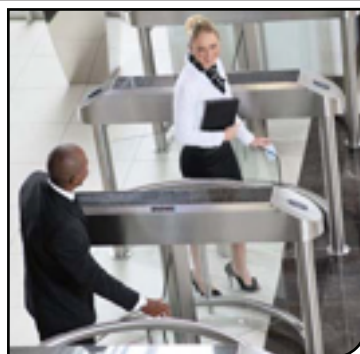
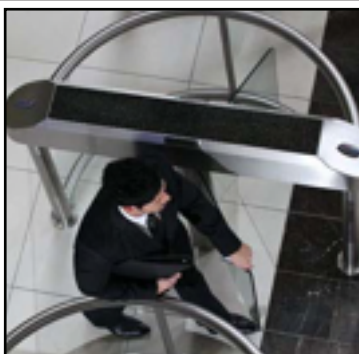
<b>POWER</b>	220 Volt AC (110 Volt AC on request)	
<b>FREQUENCY</b>	50Hz / 60Hz	
<b>POWER CONSUMPTION</b>	50W	
<b>SOLENOID VOLTAGE</b>	24 Volt DC (12 Volt DC on request)	
<b>LOGIC VOLTAGE</b>	24 Volt DC	
<b>DIMENSIONS</b>	See overleaf	
<b>ROTOR DIAMETER</b>	1 200mm	
<b>ROTOR WING CONFIGURATION</b>	3 wing (120°)	
<b>ROTOR WINGS</b>	8mm toughened glass	
<b>WEIGHT</b>	Single turnstile (3 wing)	110kg
<b>DESIGN</b>	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	
<b>SYSTEMS INTEGRATION</b>	<ul style="list-style-type: none"> <li>Integrates with all access control and time &amp; attendance systems</li> <li>Unlocking for entry / exit rotation controlled through normally open dry contact</li> <li>Transaction / Rotation complete output</li> <li>Integral wireways with draw wires in place – no exposed wires</li> </ul>	
<b>FINISH</b>	Frame and top cover <ul style="list-style-type: none"> <li>304 granite brushed stainless steel</li> </ul> Top cover inlay <ul style="list-style-type: none"> <li>Rustenburg granite</li> </ul>	

## Manufacturing options

<b>ROTATION OPTIONS</b>	<ul style="list-style-type: none"> <li>Electrically controlled bi-directional rotation (factory standard)</li> <li>Mechanically controlled uni-directional rotation by means of key override</li> <li>Free rotation</li> </ul>
<b>LOCKING OPTIONS</b>	<ul style="list-style-type: none"> <li>Fail-secure auto-lock on power failure (factory standard)</li> <li>Fail-safe auto-unlock on power failure</li> <li>Each direction of rotation configurable for either fail-secure or fail-safe operation</li> </ul>
<b>FIRE ALARM OPTIONS</b>	<ul style="list-style-type: none"> <li>Free rotation when triggered indefinitely (logic programmed for either direction of rotation on request)</li> </ul>
<b>POWER OPTIONS</b>	<ul style="list-style-type: none"> <li>Battery backup with two 12 volt 7Ah batteries connected in series               <ul style="list-style-type: none"> <li>Up to 1 000 transactions in fail-secure mode</li> <li>Up to 60 minutes operation in fail-safe mode</li> </ul> </li> </ul>
<b>ACCESSORY OPTIONS</b>	<ul style="list-style-type: none"> <li>Single / Double pushbutton in plastic housing</li> <li>LED red cross &amp; green arrow indicator light</li> </ul>

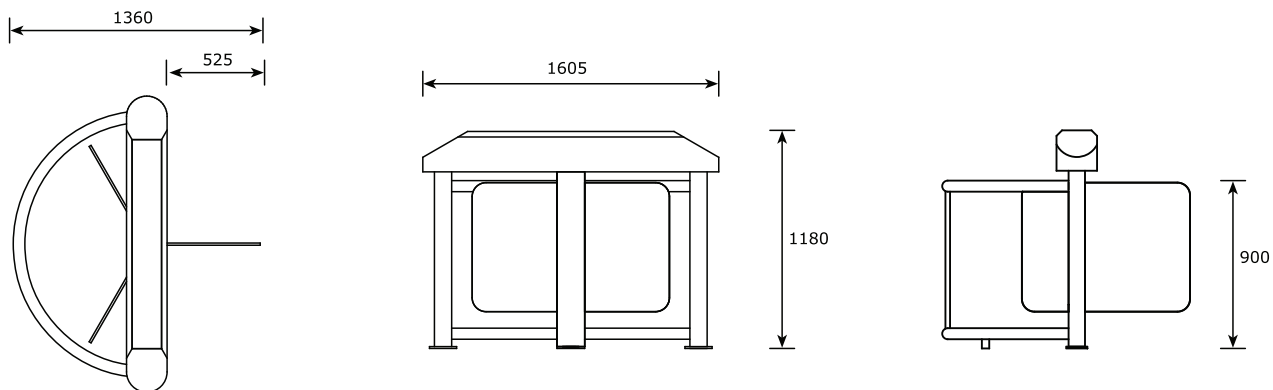


## STAR INSTALLATIONS





## TRITON RANGE



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## STAR QUALITIES

- 1 Rotalok® rotation locking mechanism and electronic control panel  
- Incorporates:
  - Rotaslo® hydraulic damping
  - Mechanical key override (for free rotation)
- 2 Suspended rotor technology
- 3 Stainless steel top cover with Rustenburg granite inlay
- 4 Access control reader mounting position
- 5 8mm toughened glass wings
- 6 Rotarun® perpetual base bearing
- 7 Wiring bottom entry point



- Sole supplier of turnstiles to the ICC Cricket World Cup 2003
- Sole supplier of turnstiles to the CAF African Cup of Nations, Ghana 2008
- Sole supplier of turnstiles to the Green Point, Spccer City, Ellis Park, Loftus Versveld, Royal Bafokeng, Bloemfontein, Nelspruit and Polokwane South African National Football Stadiums

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