

TURNSTAR



RELIABLE ★ DURABLE ★ GUARANTEED

TRITON

HALF HEIGHT GLASS TURNSTILE



- 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

- Suited for applications requiring high volume access and medium levels of security
- Used extensively in applications such as office reception areas, commercial buildings and universities

DESIGNED FOR

- Interior installations
- Harsh operating conditions

AVAILABLE CONFIGURATIONS

- 3 arm (120°)
- Single

SECURITY RATING



ISO 9001:2015

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 over 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 anti-clockwise directions (fail-secure)

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

- 10 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
- 10 year guarantee

TECHNICAL SPECIFICATIONS

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

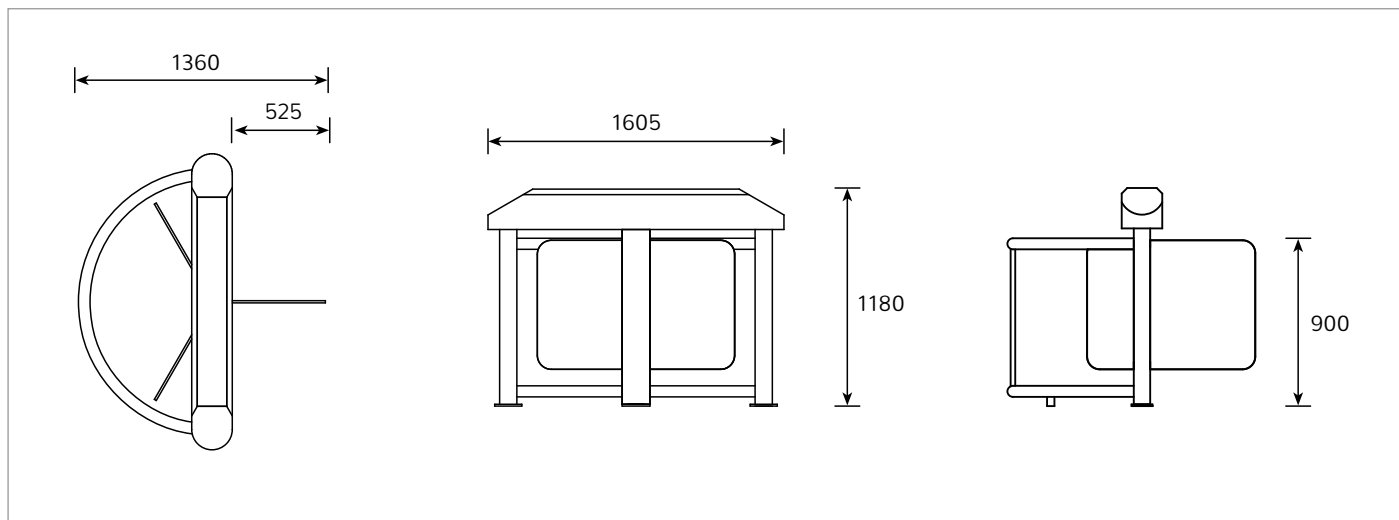
MANUFACTURING OPTIONS

ROTATION OPTIONS	<ul style="list-style-type: none">• Electrically controlled bi-directional rotation (factory standard)• Mechanically controlled uni-directional rotation by means of key override• Free rotation
LOCKING OPTIONS	<ul style="list-style-type: none">• 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 direction or rotation on request)
POWER OPTIONS	Battery backup with two 12 volt 7Ah batteries connected in series <ul style="list-style-type: none">• Up to 1 000 transactions in fail-safe mode• Up to 60 minutes operation in fail-safe mode
ACCESSORY OPTIONS	<ul style="list-style-type: none">• Single / double pushbutton in plastic housing• LED red cross and green arrow indicator light

STAR INSTALLATIONS



TRITON HALF HEIGHT RANGE



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

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