

TRIDENT HALF

MULTI-PURPOSE TURNSTILE



Applications

- Suited for applications requiring high volume access and medium levels of security
- Used extensively in applications such as office reception areas, health clubs, colleges, libraries, leisure parks and stadiums

Designed for

- Interior and exterior installations
- Severe operating conditions

Configurations

- TRIDENT Single
- TRIDENT Double

Security Level



With a wide range of applications, the TRIDENT is the biggest selling waist height turnstile in Africa

Suitable for both prestige and industrial installations

Designed for high speed ultra quiet operation

Exported worldwide

UNIQUE FEATURES OF THE TRIDENT TURNSTILE RANGE



ROTALOK® ROTATION LOCKING MECHANISM

- Fitted to all TRIDENT 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

— Reliability

- 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)

— Durability

- 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

— Guarantee

- 10 year mechanical guarantee
- 1 year electrical guarantee

ROTASLO® HYDRAULIC DAMPING SYSTEM

- Fitted to all TRIDENT turnstiles

— Reliability

- Consistently smooth rotation
- Ultra quiet operation

— Durability

- Low mechanical stress

— Guarantee

- 1 year guarantee

TECHNICAL SPECIFICATION

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	See overleaf
ROTOR ARMS	38mm diameter stainless steel fixed tube arms
WEIGHT	Single 68kg Double 114kg
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

MANUFACTURING OPTIONS

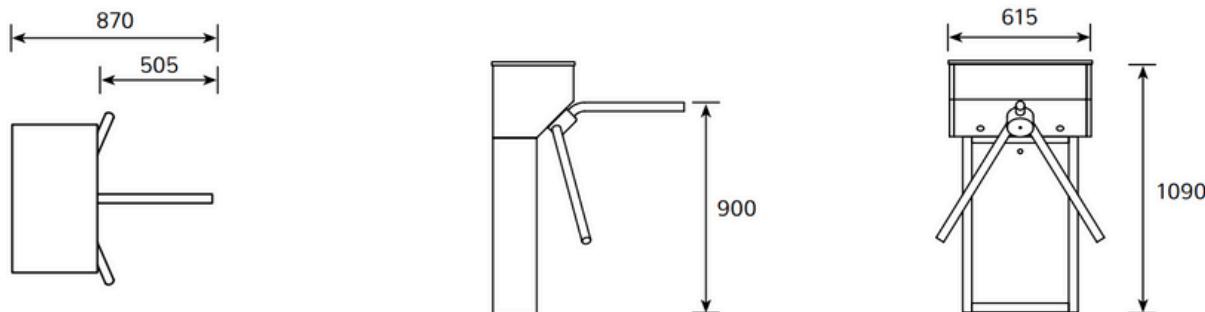
ROTATION OPTIONS	<ul style="list-style-type: none"> Electrically controlled bi-directional rotation (factory standard) Mechanically controlled uni-directional rotation by means of key override Free rotation
LOCKING OPTIONS	<ul style="list-style-type: none"> Fail-secure auto-lock on power failure (factory 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	<ul style="list-style-type: none"> Battery backup with two 12 volt 7Ah batteries connected in series <ul style="list-style-type: none"> Up to 1 000 transactions in fail-secure mode Up to 60 minutes operation in fail-safe mode
ACCESSORY OPTIONS	<ul style="list-style-type: none"> 600mm stainless steel and glass turnstile screen Single / double pushbutton in plastic housing LED red cross and green arrow indicator light Multiple coin acceptor for pay-for-entry systems LCD transaction counter with reset key switch Random search device
CABINET FINISH OPTIONS	<ul style="list-style-type: none"> Mild steel with UV resistant polyester exterior powder coat finish (charcoal blue hammertone) 304 grade brushed stainless steel 316 grade brushed stainless steel
	<ul style="list-style-type: none"> suitable for corrosive environments (details available on request) other colours available on request
TOP COVER OPTIONS	<ul style="list-style-type: none"> Rustenburg granite top cover Stainless steel top cover

STAR QUALITIES



1. Rotalok® rotation locking mechanism and electronic control panel
- a. Incorporates:
 - i. Rotaslo® hydraulic damping
 - ii. Mechanical key override (for free rotation)
2. Lockable Rustenburg granite or stainless steel top cover
3. Lockable side door
4. 38mm diameter stainless steel fixed tube arms
5. Access control reader mounting position
6. Wiring bottom entry point
7. Floor bolting positions

TRIDENT SINGLE



TRIDENT DOUBLE

