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TRIDENT

WAIST HEIGHT SINGLE AND DOUBLE TURNSTILE



- 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



APPLICATIONS

DESIGNED FOR

- 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

SECURITY RATING

AVAILABLE CONFIGURATIONS

- TRIDENT Single
- TRIDENT Double



Interior and exterior installations Severe operating conditions



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

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

- 5 year mechanical guarantee
- 2 year electrical guarantee

ROTASLO® HYDRAULIC DAMPING SYSTEM

• Fitted to all TRIDENT turnstiles

RELIABLE 🦙 TE

TECHNOLOGY

- Consistently smooth rotation
- Ultra quiet operation

DURABLE 🥋 FEATURES

• Low mechanical stress

GUARANTEED 🦙

MANUFACTURED TO LAST

• 1 year guarantee

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 | See overleaf |
| ROTOR ARMS | 38mm diameter stainless steel fixed tube arms |
| WEIGHT | STREAMLINE Single 82kg |
| | STREAMLINE Single 82kg |
| DESIGN | Modular bolt-together design for ease of transport and installation. Components can pas through a standard door. Can be packed in broken-down form either onto a pallet or into a crate for transport |
| SYSTEMS | Integrates with all access control and time and attendance systems |
| INTEGRATION | Unlocking for entry / exit rotation controlled through normally open dry contact Transaction / rotation complete output |
| | Integral wireways with drawwyires in place, persymptoted wires. |

• 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 direction or rotation on request) |
| POWER OPTIONS | Battery backup with two 12 volt 7Ah batteries connected in series • Up to 1 000 transactions in fail-safe mode • Up to 60 minutes operation in fail-safe mode |
| ACCESSORY OPTIONS | 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 | Mild steel with UV resistant polyester exterior powder coat finish (charcoal blue hammertone) 304 grade brushed stainless steel 316 grade brushed stainless steel suitable for corrosive environments (details available on request) other colours available on request |
| TOP COVER OPTIONS | Rustenburg granite top coverStainless steel top cover |

TRIDENT WAIST HEIGHT TURNSTILE RANGE

TRIDENT SINGLE Image: state st

STAR QUALITIES



- 1 Rotalok® rotation locking mechanism and electronic control panel
 - Incorporates: Rotaslo® hydraulic damping
 - Mechanical key override (for free rotation)
 - Lockable Rustenburg granite or stainless steel top cover
- 3 Lockable side door

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- 4 38mm diameter stainless steel fixed tube arms
- **5** Access control reader mounting position
- 6 Wiring bottom entry point
- 7 Floor bolting positions

MANUFACTURER



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