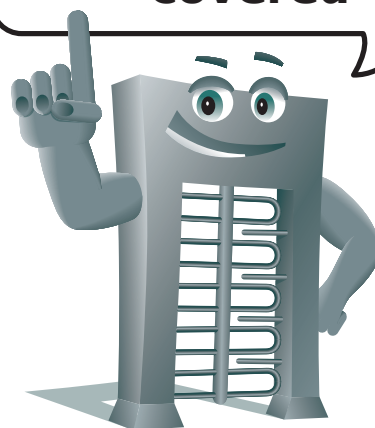


TITAN

HALF HEIGHT INDUSTRIAL TURNSTILE



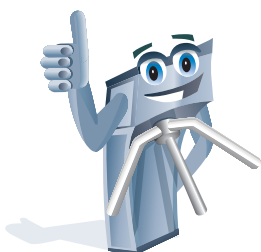
**We've got you
covered**



Turney™ is a member of the Turnstar family

- The TITAN Half Height is a medium security, aesthetic choice for your entrance
- Designed for high speed ultra quiet operation
- Exported worldwide

APPLICATIONS	<ul style="list-style-type: none">• Suited for applications requiring high volume access and medium levels of security• Used extensively in applications such as mines, factories, warehouses, universities and stadiums
DESIGNED FOR	<ul style="list-style-type: none">• Interior and exterior installations• Severe operating conditions
AVAILABLE CONFIGURATIONS	<ul style="list-style-type: none">• 3 arm (120°) and 4 arm (90°)• Single and Double



Tridey™ and Traffey™ are members of the Turnstar family

TURNSTAR 
RELIABLE ★ DURABLE ★ GUARANTEED

Unique features of the TITAN Half Height turnstile range

ROTALOK® ROTATION LOCKING MECHANISM

- Fitted to all TITAN 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

- Suspended rotor technology – eliminating stress on the base bearing
- Self-centering rotation system – rotor returns to starting position after every rotation
- Shock absorbing rubber coupling system
- Anti-trap® safety system - no mid-rotation locking or trapping in the event of a power failure
- 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 TITAN 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

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	Single turnstile:	• 1 335mm wide x 1 400mm long x 1 195mm high
	Double turnstile:	• 1 950mm wide x 1 400mm long x 1 195mm high
ROTOR DIAMETER	1 200mm	
ROTOR ARM CONFIGURATION	• 3 arm (120°)	
	• 4 arm (90°)	
ROTOR ARMS	50mm diameter tube arms	
WEIGHT	Single turnstile (4 arm)	130kg
	Double turnstile (4 arm)	210kg
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 & 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	<ul style="list-style-type: none"> Free rotation when triggered indefinitely (logic programmed for either direction of 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"> Turnstile screen (in matching finish) Card / Proximity reader mounting brackets Biometric / Fingerprint reader mounting brackets Single / Double pushbutton in plastic housing LED red cross & green arrow indicator light Multiple coin acceptor for pay-for-entry systems LCD transaction counter with reset key switch Random search device
FINISH OPTIONS	<ul style="list-style-type: none"> Mild steel with UV resistant polyester exterior powder coat finish (charcoal blue hammertone) □ Mild steel with hot dip galvanised finish △ Mild steel hot dip galvanised with UV resistant polyester exterior powder coat finish (charcoal blue hammertone) △ □ 304 grade brushed stainless steel 316 grade brushed stainless steel △
	<p>△ suitable for corrosive environments (details available on request)</p> <p>□ other colours available on request</p>



TITAN RANGE

TITAN SINGLE RANGE			TITAN DOUBLE RANGE		
A	Turnstile width	1 335mm	A	Turnstile width	1 950mm
B	Walkthrough width	525mm	B	Walkthrough width	525mm
C	Overall height	1 195mm	C	Overall height	1 195mm
D	Arm height (1)	860mm	D	Arm height (1)	860mm
E	Arm height (2)	N/A	E	Arm height (2)	935mm

TITAN SINGLE	TITAN DOUBLE

Note: The turnstile screen shown below is an optional extra.

Due to our policy of continuous improvement, products are subject to change without notice.

Custom designs available on request

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STAR QUALITIES

- 1 Rotalok® rotation locking mechanism and electronic control panel
- Incorporates:
 - Anti-Trap® safety system
 - Suspended Rotor technology
- 2 Lockable top cover
- 3 Mechanical key override
- 4 Shock absorbing rubber coupling
- 5 50mm diameter tube arms
- 6 Access control reader mounting position
- 7 Rotarun® perpetual base bearing
- 8 Wiring entry point
- 9 Optional turnstile screen



- 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, Soccer City, Ellis Park, Loftus Versveld, Royal Bafokeng, Bloemfontein, Nelspruit and Polokwane South African National Football Stadiums

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RELIABLE ★ DURABLE ★ GUARANTEED