

TITAN FULL HEIGHT INDUSTRIAL TURNSTILE

— 10 YEAR —
GUARANTEE
INDUSTRY LEADER

- A high security, aesthetic choice for your entrance
- It provides a high level of perimeter security
- Exported worldwide



FLAT PACK VERSION
(FOR LOW COST SHIPPING)



ULTRA LOW
POWER CONSUMPTION
0.25W

APPLICATIONS

- Suited for applications requiring high volume access and high levels of security
- Used extensively in applications such as mines, factories, warehouses, colleges, building sites and stadiums

DESIGNED FOR

- Interior and exterior installations
- Severe operating conditions

AVAILABLE CONFIGURATIONS

- 3 arm (120°) and 4 arm (90°)
- Single and double

SECURITY RATING

- 4 / 5

UNIQUE FEATURES

ROTATION LOCKING MECHANISM

- CE conformity
- 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

- 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 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

PERPETUAL BASE BEARING

- Fitted to all TITAN 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 mechanical guarantee

TECHNICAL SPECIFICATIONS

POWER	120 Volt AC (220 Volt AC on request)	
FREQUENCY	50Hz / 60Hz	
POWER CONSUMPTION (STANDBY)	0.25W (single turnstile) 0.5W (double turnstile) - fail-secure mode	
POWER CONSUMPTION (STANDBY)	50W (single turnstile) 100W (double turnstile) - fail-safe mode	
SOLENOID VOLTAGE	24 Volt DC (12 Volt DC on request)	
LOGIC VOLTAGE	24 Volt DC	
DIMENSIONS	Single turnstile:	<ul style="list-style-type: none">• 1 400mm wide x 2 125mm high• 1 430mm wide x 2 250mm high – recommended minimum opening size
	Double turnstile:	<ul style="list-style-type: none">• 2 150mm wide x 2 125mm high• 2 180mm wide x 2 250mm high – recommended minimum opening size
ROTOR DIAMETER	1 200mm	
ROTOR ARM CONFIGURATION	3 arm (120°) 4 arm (90°)	
ROTOR ARMS	50mm diameter tube arms spaced 120mm apart	
WEIGHT	Single turnstile (4 arm): 160kg Double turnstile (4 arm): 255kg	
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. Flat pack version allows for greater space saving during 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	Free rotation when triggered indefinitely
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 5 500 transactions in fail-secure mode• Up to 270 minutes operation in fail-safe mode• Solar panel with charge controller and battery system
FLAT ROOF CANOPY OPTION	<ul style="list-style-type: none">• Provides protection from the elements• Anti-climb protection• Low energy light on underside of canopy
SPECIAL PHYSICAL DESIGN OPTIONS	<ul style="list-style-type: none">• Restrictor tubes for increased security (4 arm turnstile only)• 180° rotation setting for extra walkthrough space (4 arm turnstile only)• Special narrow single turnstile design for 1 200mm wide opening• Special split cover for low ceilings• Special internal mechanism dust cover for dirty environments• Heavy-duty base for portability (with forklift channels)
ACCESSORY OPTIONS	<ul style="list-style-type: none">• Card / proximity reader mounting bracket• Biometric / fingerprint reader mounting brackets• Single / double pushbutton in plastic housing• 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 ▲• 304 grade brushed stainless steel• 316 grade brushed stainless steel ▲ <p>▲ suitable for highly corrosive environments (details available on request) ■ other colours available on request</p>

STAR QUALITIES



- 1 Rotation locking mechanism and electronic control panel - incorporates:
 - Anti-Trap® safety system
 - Suspended Rotor technology
 - Mechanical key override
 - Shock absorbing rubber coupling
- 2 Lockable top cover
- 3 50mm diameter tube arms spaced 120mm apart
- 4 Access control reader mounting position
- 5 Rotarun® perpetual base bearing
- 6 Wiring side entry point
- 7 Wiring bottom entry point
- 8 Floor bolting positions - 7 off
- 9 Wall bolting positions - 2 off

THE TITAN RANGE



TITAN 3 SINGLE



TITAN 3 DOUBLE



TITAN 4 SINGLE

TITAN RANGE

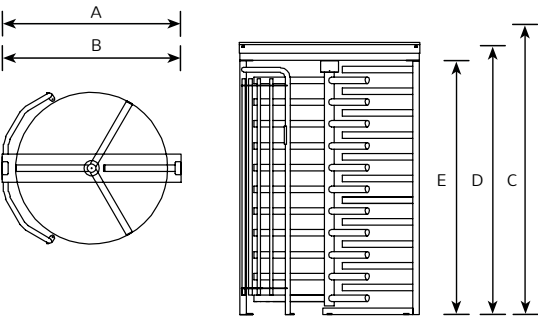
TITAN SINGLE RANGE

A	Recommended opening width	56.3" / 1430mm
B	Turnstile width	55.12" / 1400mm
C	Recommended opening height	88.58" / 2250mm
D	Turnstile height	83.66" / 2125mm
E	Headroom	78.19" / 1986mm

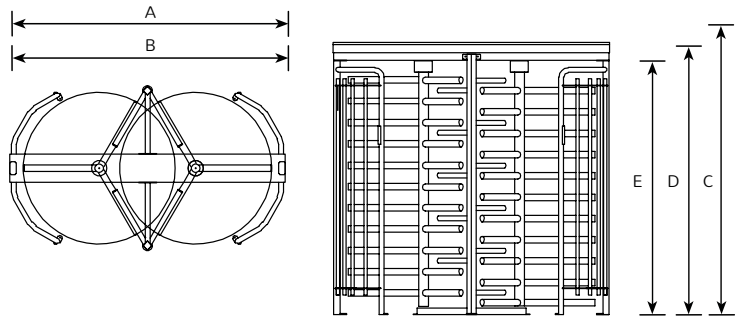
TITAN DOUBLE RANGE

A	Recommended opening width	85.8" / 2180mm
B	Turnstile width	84.6" / 2150mm
C	Recommended opening height	88.5" / 2250mm
D	Turnstile height	83.6" / 2125mm
E	Headroom	78.2" / 1986mm

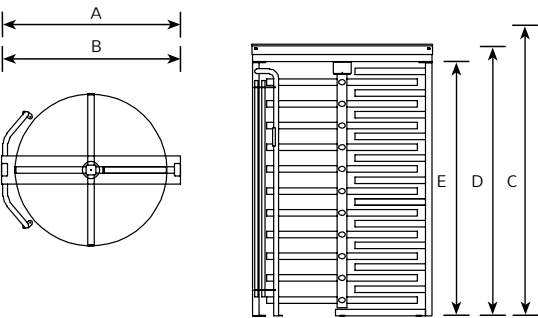
TITAN 3 SINGLE



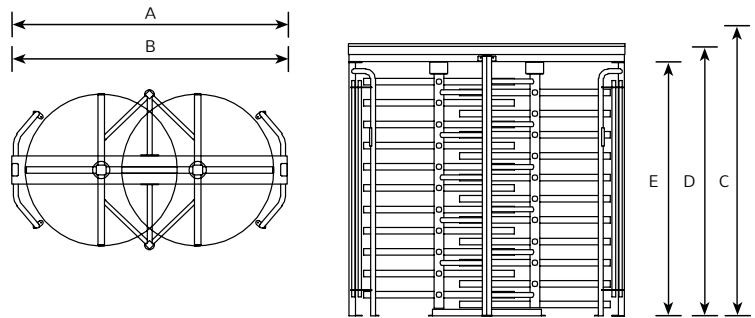
TITAN 3 DOUBLE



TITAN 4 SINGLE



TITAN 4 DOUBLE



Due to our policy of continuous improvement, products are subject to change without notice.
Custom designs available on request