

NEW

FIT-AND-FORGET

5 YEAR GUARANTEE

ON ALL TURNSTILES



SPEEDGATE EXPRESS



INDUSTRIAL TURNSTILES



REVOLVING DOORS



PRESTIGE TURNSTILES



SPEEDGATE EXPRESS

TURNSTAR 
RELIABLE ★ DURABLE ★ GUARANTEED

GERAN®
physical access control products
DISTRIBUTED EXCLUSIVELY IN EUROPE BY GERAN



COMPANY PROFILE

Established in 1990, Turnstar provides a total solution for all physical access control and time & attendance applications.

Turnstar operates from a modern 8 700m² factory in Johannesburg, South Africa, and manufactures some of the world's most reliable and durable entrance control products. Products manufactured by Turnstar include a full range of turnstiles, speedgates, revolving doors, man-trap cubicles, vehicle barriers, high security spike barriers and anti-terror rising bollards & road blockers.

A full research, design and development team is able to assist Turnstar clients from project conception, all the way through to on-site installation.

Customers range from global mining companies and financial service providers, to single-site retailers.

The company is driven to provide products that are a fit-and-forget solution. State of the art production processes and machinery combine to produce products of the highest quality which are trusted worldwide.

All Turnstar products offer fully integrated performance. All access control, ticketing and time & attendance systems are compatible with Turnstar products.



ROBOTIC WELDER



CNC MACHINING CENTRE



CNC LATHE



POWDER COATING PLANT WITH AUTOMATED PRETREATMENT



160 TON PRESS BRAKE

INDUSTRIAL TURNSTILES

FULL HEIGHT



TITAN FULL HEIGHT INDUSTRIAL TURNSTILE

- Provides a high level of perimeter security.
- Aesthetic choice for any entrance.
- Severe operating conditions.
- Available in single and double.
- 3 arm (120°) and 4 arm (90°).
- Interior and exterior installations.
- No routine maintenance or lubrication required.
- 5 year mechanical guarantee, 1 year electrical guarantee.



TRIUMPH FULL HEIGHT INDUSTRIAL TURNSTILE

- Suited for applications requiring high volume access and high levels of security.
- Available in single and double.
- 3 arm (120°), 4 arm (90°) and 5 arm (72°).
- Interior and exterior installations.
- No routine maintenance or lubrication required.
- 5 year mechanical guarantee, 1 year electrical guarantee.



TRIBUNE FULL HEIGHT ULTRA SECURE SINGLE READER TURNSTILE

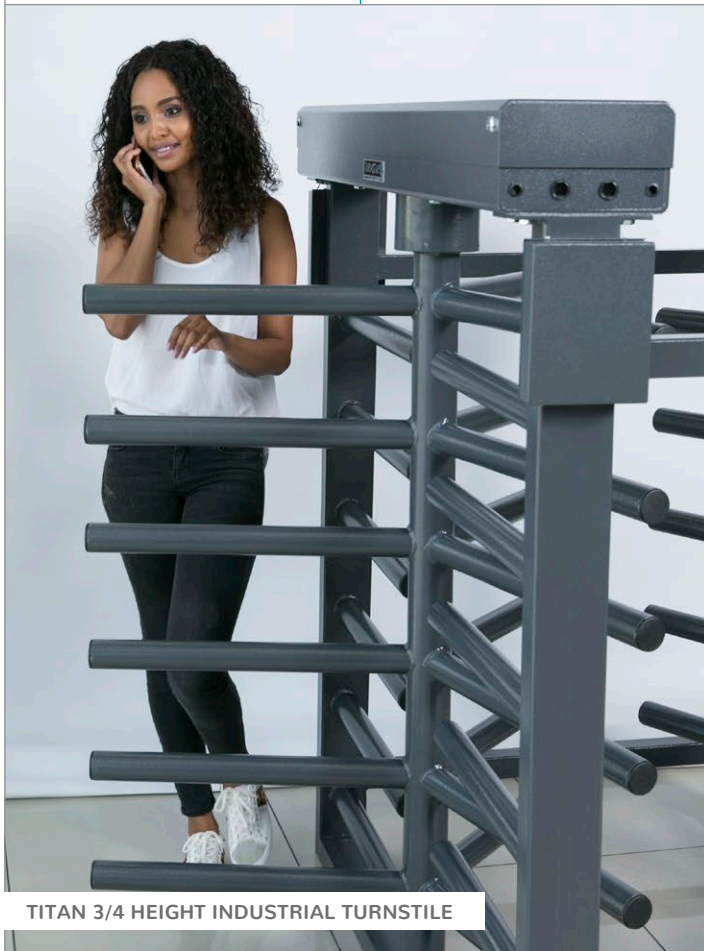
- Provides the highest levels of security.
- Allows for 100% validated entry and exit transactions.
- Ideal for integration with any biometric reader system.
- Available in single.
- 4 arm (90°).
- Interior and exterior installations.
- Can integrate with a breathalyser.
- No routine maintenance or lubrication required.
- 5 year mechanical guarantee, 1 year electrical guarantee.



COIN ACCEPTOR TURNSTILE

- Multiple coin acceptor.
- Can be set to any amount e.g R1, R2, R5, or R10 etc.
- Lockable secure coin hopper.
- Built in counter with reset function for audit purposes.
- Can work with tokens
- Coin acceptor can be fitted to any turnstile in the Turnstar range.

NEW
FIT-AND-FORGET
5 YEAR GUARANTEE
ON ALL TURNSTILES



TITAN 3/4 HEIGHT INDUSTRIAL TURNSTILE



TITAN FULL HEIGHT INDUSTRIAL TURNSTILE

INDUSTRIAL TURNSTILES

1/2 HEIGHT



TITAN HALF HEIGHT INDUSTRIAL TURNSTILE

- Medium security aesthetic choice.
- Suited for applications requiring high volume access and medium levels of security.
- 3 arm (120°) and 4 arm (90°)
- Available in single and double.
- Interior and exterior installations
- 5 year mechanical guarantee, 1 year electrical guarantee.

3/4 HEIGHT



TITAN THREE QUARTER HEIGHT INDUSTRIAL TURNSTILE

- Medium security aesthetic choice.
- Suited for applications requiring high volume access and medium levels of security.
- 3 arm (120°) and 4 arm (90°)
- Available in single and double.
- Interior and exterior installations
- 5 year mechanical guarantee, 1 year electrical guarantee.

FULL HEIGHT PORTABLE



TRIUMPH PORTABLE FULL HEIGHT TURNSTILE

- Perfect solution for any event or construction site.
- Suited for applications requiring high volume access and high levels of security.
- Suitable for use on any indoor or outdoor surface.
- Available in single and double configurations.
- Forklift channels for ease of movement.
- 5 year mechanical guarantee, 1 year electrical guarantee.

WAIST HEIGHT PORTABLE



TOURNAMENT PORTABLE WAIST HEIGHT SINGLE TURNSTILE

- Perfect solution for any event.
- Suited for applications requiring high volume access and medium levels of security.
- Suitable for use on any indoor or outdoor surface.
- Compatible with any access control or ticketing system.
- Forklift channels for ease of movement
- 5 year mechanical guarantee, 1 year electrical guarantee.

PRESTIGE WAIST HEIGHT TURNSTILES



TRIDENT WAIST HEIGHT SINGLE TURNSTILE

- Designed for high speed ultra quiet operation.
- Suited for applications requiring high volume access and medium levels of security.
- Available in powder coated mild steel and brushed stainless steel.
- Granite and stainless steel tops.
- 5 year mechanical guarantee, 1 year electrical guarantee.



TRIDENT WAIST HEIGHT DOUBLE TURNSTILE

- Designed for high speed ultra quiet operation.
- Suited for applications requiring high volume access and medium levels of security.
- Available in powder coated mild steel and brushed stainless steel.
- Granite and stainless steel tops.
- 5 year mechanical guarantee, 1 year electrical guarantee.



STREAMLINE WAIST HEIGHT SINGLE TURNSTILE

- Designed for high speed ultra quiet operation.
- Suited for applications requiring high volume access and medium levels of security.
- Available in powder coated mild steel and brushed stainless steel.
- Granite and stainless steel tops.
- 5 year mechanical guarantee, 1 year electrical guarantee.

NEW PRODUCT



DROP ARM BARRIER

- Suited for applications requiring medium volume access and medium levels of security.
- Optical safety sensor.
- Brushed stainless steel arm (optional polycarbonate skirt)
- Cabinet manufactured from brushed stainless steel.
- Granite and stainless steel tops.
- 12 month guarantee.



SPECIAL NEEDS GATE FRAMED

SEMI-AUTOMATIC 180°

- Suited for applications requiring low volume access and low levels of security.
- Provides controlled access and unassisted closing for any need, be it trolley, wheelchair or baby buggy.
- 90° left hand and right hand options also available.
- Framed glass.
- 12 month guarantee.



SPECIAL NEEDS GATE FRAMELESS

SEMI-AUTOMATIC 180°

- Suited for applications requiring low volume access and low levels of security.
- Provides controlled access and unassisted closing for any need, be it trolley, wheelchair or baby buggy.
- 90° left hand and right hand options also available.
- Frameless glass.
- 12 month guarantee.



PULSE

AUTOMATIC GATE 180°

- Suited for applications requiring medium volume access and low levels of security.
- Provides controlled access and unassisted opening and closing for any need, be it trolley, wheelchair or baby buggy.
- 12 month guarantee.



STAINLESS STEEL AND GLASS BARRIERS

- 38mm 304 grade brushed stainless steel frame.
- Brushed 304 grade stainless steel glass clamps.
- 6mm toughened glass.
- Manufactured in lengths of up to 1 500mm.



SUPERMARKET HELICOPTER TURNSTILE WAIST HEIGHT UNI-DIRECTIONAL TURNSTILE

- Suited for applications requiring one way free rotating access.
- Used extensively in supermarkets and retail stores.
- Swing away feature for delivery trolleys and special needs.
- Chrome plated barrier rails and screens also available.



SUPERMARKET TRIPOD TURNSTILE WAIST HEIGHT UNI-DIRECTIONAL TURNSTILE

- Suited for applications requiring one way free rotating access.
- Used extensively in supermarkets and retail stores.
- Chrome plated barrier rails and screens also available.



STAINLESS STEEL AND CHROME PLATED BARRIER RAILS

- End posts, corner posts, centre posts and rails.
- Rails are manufactured in lengths up to 1 500mm long.
- Available in chrome plated mild steel or 304 grade brushed stainless steel.



TRITON HALF HEIGHT TURNSTILE

- Suited for applications requiring high volume access and medium levels of security.
- Ideal for prestige installations.
- Solenoid operated locking mechanism.
- 3 arm (120°).
- Brushed stainless steel.
- Toughened safety glass.
- Top cover with granite inlay.
- 5 year mechanical guarantee, 1 year electrical guarantee.



TRITON HALF HEIGHT TURNSTILE

PRESTIGE FULL HEIGHT TURNSTILES

FULL HEIGHT GLASS



TRITON SINGLE FULL HEIGHT CURVED GLASS TURNSTILE

- Form: Curved.
- Suited for applications requiring high volume access and high levels of security.
- An aesthetic access control solution.
- Pressure mat to prevent entry from wrong direction.
- Available in single.
- 3 arm (120°).
- Interior installations.
- Available in powder coated mild steel and brushed stainless steel.
- 5 year mechanical guarantee and 1 year electrical guarantee.



TRITON SINGLE FULL HEIGHT OCTAGONAL GLASS TURNSTILE

- Form: Octagonal.
- Suited for applications requiring high volume access and high levels of security.
- An aesthetic access control solution.
- Available in single and double.
- 3 arm (120°).
- Interior installations.
- Available in powder coated mild steel and brushed stainless steel.
- 5 year mechanical guarantee and 1 year electrical guarantee.



TRITON DOUBLE FULL HEIGHT OCTAGONAL GLASS TURNSTILE

- Form: Octagonal.
- Suited for applications requiring high volume access and high levels of security.
- An aesthetic access control solution.
- Available in single and double.
- 3 arm (120°).
- Interior installations.
- Available in powder coated mild steel and brushed stainless steel..
- 5 year mechanical guarantee and 1 year electrical guarantee.



FUSION FULL HEIGHT OCTAGONAL GLASS TURNSTILE

- Form: Octagonal with Titan rotor
- Suited for applications requiring high volume access and high levels of security.
- An aesthetic access control solution.
- Available in single and double.
- 3 arm (120°).
- Interior installations.
- Available in powder coated mild steel and brushed stainless steel..
- 5 year mechanical guarantee and 1 year electrical guarantee.



TRITON OCTAGONAL DOUBLE

SPEEDGATES



SPEEDGATE EXPRESS

- Winner of SASDA's best stainless steel product of the year 2012.
- Operation: Glass wings retract into cabinet.
- Suited for applications requiring ultra high speed access and medium levels of security.
- Available lane sizes:
 - Narrow lane (550mm)
 - Standard lane (650mm)
 - Wide lane (900mm)
- Unlimited number of lane configurations.
- Optical safety sensor array.
- Sophisticated anti-tamper and anti-tailgate detection.
- No routine maintenance required.
- **3 year mechanical guarantee, 1 year electrical guarantee.**



SPEEDGATE SECURE

- Operation: Glass wings retract into cabinet.
- Suited for applications requiring ultra high speed access and high levels of security.
- Available lane sizes:
 - Narrow lane (550mm)
 - Wide lane (900mm)
- Unlimited number of lane configurations.
- Optical safety sensor array.
- Sophisticated anti-tamper and anti-tailgate detection.
- No routine maintenance required.
- **3 year mechanical guarantee, 1 year electrical guarantee.**



SPEEDGATE MOTION

- Operation: Glass wings retract into cabinet.
- Suited for applications requiring ultra high speed access and medium levels of security.
- Available lane sizes:
 - Narrow lane (550mm)
 - Standard lane (650mm)
 - Wide lane (900mm)
- Unlimited number of lane configurations.
- Optical safety sensor array.
- Sophisticated anti-tamper and anti-tailgate detection.
- No routine maintenance required.
- **3 year mechanical guarantee, 1 year electrical guarantee.**



SPEEDGATE KINETIC

- Operation: Glass wings open away from the pedestrian.
- Suited for applications requiring ultra high speed access and medium levels of security.
- Available lane sizes:
 - Narrow lane (550mm)
 - Standard lane (700mm)
 - Wide lane (900mm)
- Unlimited number of lane configurations.
- Optical safety sensor array.
- Sophisticated anti-tamper and anti-tailgate detection.
- No routine maintenance required.
- **3 year mechanical guarantee, 1 year electrical guarantee.**



SPEEDGATE EXPRESS

MAN-TRAPS



MAN-TRAP SEMI-AUTOMATIC FULL HEIGHT CUBICLE

- Doors opened by hand and close automatically.
- Suited for applications requiring high volume access and high levels of security.
- Three sizes allowing for various levels of security and comfort.
- Optical sensors to detect multiple occupancy.
- Designed for integration with any access control system and for various double door configurations.

- Zero maintenance.
- 12 month guarantee.



MAN-TRAP AUTOMATIC FULL HEIGHT CUBICLE

- Doors opened by hand and close automatically.
- Suited for applications requiring high volume access and high levels of security.
- Three sizes allowing for various levels of security and comfort.
- Optical sensors to detect multiple occupancy.
- Ideal for unassisted wheelchair access.
- Designed for integration with any access control system and for various double door configurations.

- Zero maintenance.
- 12 month guarantee.



CITADEL SECURITY PORTAL

- Practical and stylish, suitable for applications requiring medium volume access.
- Used often in banks, government buildings, embassies and vaults.
- Self-contained built-in metal detector option.
- Volumetric single passage checking system.
- Digital display, menu-guided command and setting console.
- Intercom, voice messages and traffic-lights for easy passage.
- Designed for integration with any access control system and for various double door configurations.
- Rotating curved glass cabin for stylish aesthetic appearance.
- Available in standard RAL colours or stainless steel finish.

- 12 month guarantee.



MAN-TRAP FULL HEIGHT CUBICLE

REVOLVING DOORS



ATLAS MANUAL REVOLVING DOOR

- Suited for applications requiring high volume access.
- Creates a draft block between internal and external environments.
- 3 wing (120°) and 4 wing (90°).
- 1.6m diameter up to 3m diameter.
- Available in powder coated mild steel and brushed stainless steel.
- Available in access controlled configuration.

- GREEN STAMP OF APPROVAL.

- Zero maintenance.
- 2 year guarantee.



ATLAS AUTOMATIC REVOLVING DOOR

- Heavy duty servo motor and gearbox.
- Optical safety edges.
- Suited for applications requiring high volume access.
- Creates a draft block between internal and external environments.
- 3 wing (120°) and 4 wing (90°).
- 1.6m diameter up to 3.6m diameter.
- Available in powder coated mild steel and brushed stainless steel.

- GREEN STAMP OF APPROVAL.

- Safety first.
- Zero maintenance.
- 2 year guarantee.

BOLLARDS



AUTOMATIC BOLLARD

- Hydraulic automatic raising and lowering.
- 127mm, 220mm and 275mm diameters.
- Manufactured from FE370 steel or 304 grade stainless steel.
- Available with a powder coated or brushed finish.
- Optional LED light ring at top of bollard.



SEMI-AUTOMATIC BOLLARD

- Single effect gas actuator for automatic rising.
- Gently pushed down for lowering.
- Raising and lowering can only be down with the key supplied.
- 127mm, 220mm, 275mm and 355mm diameter.
- 500mm, 600mm and 800mm raised heights.



FIXED BOLLARD

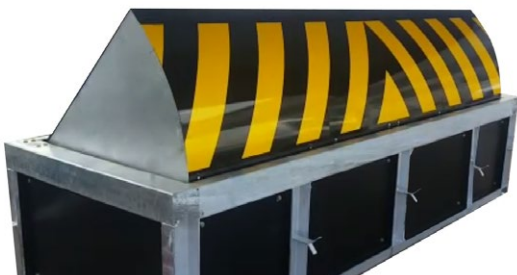
- Fixed security and anti-terror bollards.
- 127mm, 220mm, 275mm and 355mm diameter.
- 500mm, 600mm and 800mm heights.



ANTI-TERROR AUTOMATIC BOLLARD

- Hydraulic automatic raising and lowering.
- 275mm diameter.
- 700mm, 900mm and 1200mm raised heights.
- Manufactured from FE510 steel.
- Available powder coated or with a 304/316 grade stainless steel sleeve.
- M30, M50, K4 and K12 crash certifications.

BLOCKERS



SHIELD ROAD BLOCKER

- Suited for applications requiring high volume access and high levels of security.
- Constructed from hot dip galvanised mild steel.
- Heavy duty hydraulics, designed for intensive use.
- PLC controller with a number of customisable options.
- Available in lengths of 1.5m up to 5m.
- 600mm lift.
- 12 month guarantee.

PARKING



MYPARKING RESERVED PARKING BLOCKER

- Available 600mm and 1000mm heights.
- Hot dip galvanised and standard powder coated option.

VELOCITY

VELOCITY



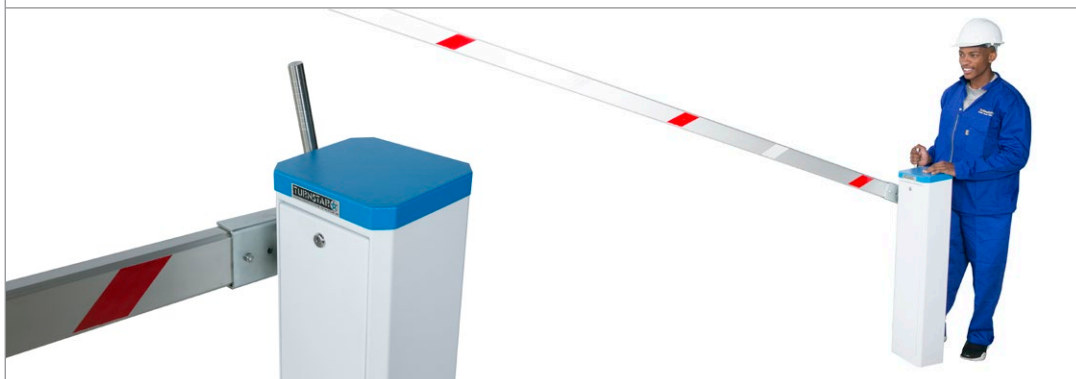
VELOCITY® AUTOMATIC INDUSTRIAL VEHICLE BARRIER WITH SWIFTDRIVE®

- Suited for applications requiring high volume access.
- Benefits from the reliability of the latest SWIFTDRIVE® technology.
- High speed operation with low power consumption.
- Integrated OPTIC LED light strip for maximum visibility, safety and aesthetics.
- Compact cabinet design.
- Counter balance compression springs.
- Articulated arm kit fitted below barrier arm for maximum height clearance.
- 3m up to 6m barrier arm.
- 100% duty cycle.
- Available in mild steel, stainless steel and a variety of colours available on request.
- **24 month guarantee.**



VELOCITY® RAPTOR

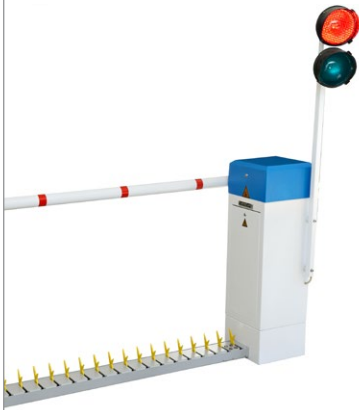
- High security road spike barrier.
- High speed patented double sided spike.
- Benefits from the reliability of the latest SWIFTDRIVE® technology.
- High speed operation.
- Integrated OPTIC LED light strip for maximum visibility, safety and aesthetics.
- Compact cabinet design.
- 3m up to 6m barrier arm.
- 100% duty cycle.
- Available in mild steel, stainless steel and a variety of colours available on request.
- **24 month guarantee.**



VELOCITY® MANUAL VEHICLE BARRIER

- Suited for applications requiring low volume access and low levels of security.
- 3m up to 4.5m barrier arm.
- Available in standard RAL colours or stainless steel finish.
- **12 month guarantee.**

TRAFFIC MASTER



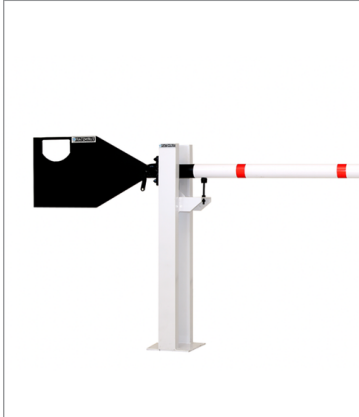
TALON TYRE-SPIKE AUTOMATIC VEHICLE BARRIER

- High security road spike barrier.
 - Patented double sided spikes offer protection for traffic in any direction.
 - 100% duty cycle.
 - Available from 2.5m up to 6m.
 - Recessed and surface mount design options.
 - Complete with combined logic and loop detector.
 - Electronic interlock lowers the spikes first, then raises the barrier arm.
- 12 month guarantee.



TALON TYRE-SPIKE MECHANICAL VEHICLE BARRIER

- One way road spike barrier.
 - Available in 1m and 0.5m sections.
 - Recessed and surface mount design options.
 - Patented heavy duty spike return mechanism.
 - Each pair of spikes is connected to its own return mechanism, preventing an accomplice from lowering all the spikes by foot.
- 12 month guarantee.



TRAFFIC MASTER MANUAL VEHICLE BARRIER

- The ideal solution for controlled manual vehicular access.
 - Suited for applications requiring medium volume access and low levels of security.
 - 2.5m up to 8m barrier arm.
 - Round or octagonal powder coated aluminium barrier arm.
- 12 month guarantee.



TRAFFIC MASTER WITH BATTERY BACKUP

- Africa's preferred solution for vehicular access control.
 - Suited for applications requiring high volume access and medium levels of security.
 - 100% duty cycle.
 - 2.5m up to 6m barrier arm.
 - Round or octagonal powder coated aluminium barrier arm.
 - Complete with combined logic and loop detector.
- 12 month guarantee.



AC TORQUE MOTOR GEARED MOTOR

- For vehicle barriers and boomgates, drop arm barriers, speedgates and bi-folding gates.
 - Single phase.
 - Maintenance free.
 - Continuous rated torque output.
 - Robust extruded housing with mounting feet.
 - Supplied with capacitor (4 µF capacitor).
 - No need for an inverter.
 - Special high torque version available.
 - Aluminium link arm for shaft coupling (90mm standard, 80mm and 60mm also available).
 - Steel cast link arm for shaft coupling (90mm).
- BL100BT controller available for motor control with built-in loop detector.



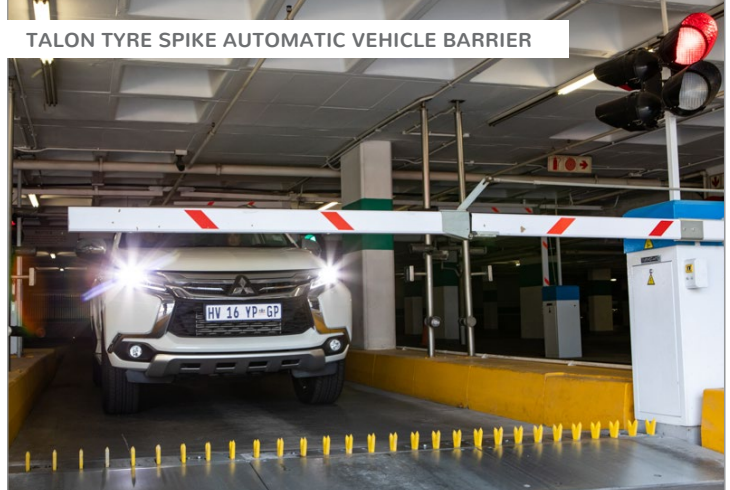
BLDC TORQUE MOTOR GEARED MOTOR

- For vehicle barriers and boomgates, drop arm barriers, speedgates and bi-folding gates.
 - 12V/24VDC with provision for battery backup operation.
 - Maintenance free.
 - Speed and torque control available.
 - Robust extruded housing with mounting feet.
 - No need for an inverter.
 - Collision detection and accurate position monitoring.
 - Aluminium link arm for shaft coupling (90mm standard, 80mm and 60mm also available).
 - Steel cast link arm for shaft coupling (90mm).
 - Energy efficient BLDC technology.
- BL1003B controller available for motor control with built-in loop detector.



ULTRAFORCE TURNSTILE SOLENOID PUSH OR PULL ACTION

- Heavy duty 100% duty cycle linear solenoid
- Extreme performance and life expectancy
- Push or Pull solenoid with fast switching and low power consumption
- Smooth operation with up to 70N force
- Encapsulated coil for heat dissipation and moisture control
- Maintenance free precision bearings
- Available with 24VDC (standard) and 12VDC coil winding



TALON TYRE SPIKE AUTOMATIC VEHICLE BARRIER



SPEEDGATE KINETIC



MANUFACTURER

EUROPEAN DISTRIBUTOR

PARTNER



JOHANNESBURG HEAD OFFICE
 18 6th Street, Wynberg, Sandton, 2090
 T: +27 (0)11 786 1633 | F: +27 (0)11 440 5839
 E: info@turnstar.co.za | W: www.turnstar.co.za



DISTRIBUTED EXCLUSIVELY IN EUROPE BY GERAN
 Butaanstraat 23, 7463 PG Rijssen
 T: +31 (0) 548-543000 | F: +31 (0) 548-541130
 W: www.geran-access.com