

CYCLONE™
GLASS HALF HEIGHT
TURNSTILE
(3 ARM) - SINGLES



BoomGate
Systems (PTY) LTD
Reg.No. 98/23505/07 Engineering Access Control



MARKET LEADER

- High performance ultra quiet rotation.
- Used for reliability, ultra high traffic flow, virtually no maintenance.
- Exported worldwide.



APPLICATIONS:

- To control high volumes at medium risk areas.
- Most suitable: office receptions, colleges, health clubs and stadiums.
- Suitable for interior with abnormal conditions.



CONFIGURATIONS:

- Single 3-Arm (120°)
- Stainless Steel 304
- Stainless Steel 316



SECURITY LEVEL RATING: (LOW / MEDIUM / HIGH / ULTRA SECURE)

TYPE	TWISTER®	LOW	MEDIUM	HIGH	ULTRA SECURE
3-ARM	SINGLE	X			



DEFINITION:

- **Security rating** is based on when the turnstile is in the locked position.
- **Level of security** is based on entry through the turnstile without unlocking the rotor and the use of access control system.

DID YOU KNOW?

- Our turnstile comes with a 15 year mechanical warranty, the first in S.A. That is how confident we are in our product.
- You will not pay for any mechanical components in your 15 year warranty period.
- Our customers range from world renowned blue chip corporations to small single user.
- BGS turnstiles are supplied complete with control panel. The control panel is suitable for battery back up. Batteries are not included. Need 2 x 7.5 amp/hour. Battery back up option comes standard on all our models at no extra cost.
- The control panel also has a 12V output for LED indicators.
- All mechanical components are die cast, CNC machine and laser cut to the highest precision and quality.



SPECIAL FEATURES TO THE CYCLONE™ GLASS HALF HEIGHT TURNSTILE

- Unique "keyless square shaft" design.
- This new design in our shaft is what sets us apart.
- Designed for long-lasting reliability.
- Rotor returns to locked position after every rotation.
- Rotor can't reverse after 60° rotation to ensure entry.
- Modular 11 pin programmable logic with LED indicators.
- Control panel comes standard with 12V and 24V DC output.
- Solenoids are rated 100% duty cycle for trouble free operations.
- Case hardened locking mechanism.
- Zinc plated mechanism for corrosive protection.
- Maintenance free mechanism.
- Factory tested recorded serial numbers.
- Quiet locking and unlocking mechanism.
- Manufacturers warranty
 - 15 year mechanical warranty, first in S.A.
 - 1 year electrical warranty
- Mechanism comes with a dust cover for extra protection, noise reduction.
- No midway locking or trapping in an event of power failure.
- Hydraulic Damping Systems can be fitted with hydraulic damper to slow rotor down before locking.





TECHNICAL SPECIFICATION:

ELECTRICAL REQUIREMENTS

Power:	220V AC \pm 5%
Frequency:	50Hz
Power Consumption:	50w for single turnstile and 100w for double turnstile
Logic Voltage:	24V DC, 12V available on request
Solenoids Voltage:	24V DC, 12V available on request
Turnstile Dimensions:	See drawings
Rotor turning radius:	3-arm = 120°
Rotor arm configurations:	4-arm = 90°
Rotor arms:	10mm toughened glass
Weight:	Single 3 wing S/S / 120kg
Package Size:	Single = 1260 H X 1600 L X 880 W
Export:	Turnstile arms can be disassembled and packed into purpose made pallets for export. Materials are treated for export.

SYSTEM COMPATIBILITY:

Boomgate Systems turnstiles are compatible with any access control system, time and attendance system or ticketing system. Only requires a n/o voltage free input trigger set for half a second.





AVAILABLE OPTIONS:

- Single/Dual Direction Rotation:** Electronic control in one direction and mechanical in opposite direction.
Electronically controlled in both directions. (Std option).
Mechanical control in both directions by means of key lock.
- Power Locking Options:**
Fail secure lock on power failure.
Fail safe unlock on power failure.
- Fire Evacuation Option:**
Rotor will free turn when input is triggered.
(It is not recommended to use a turnstile for emergency evacuation).
- Battery Back Up:**
Battery back up comes standard with all our turnstiles.
Batteries not included. Requires 2 x 7aH batteries to be connected in series. A third battery can be added for 12V back up.
± 1000 transactions on fail secure mode.
± 60 minutes on fail safe mode.
- Indication LED:**
The turnstile can be fitted with red/green walking man to indicate go or stop.
- Accessories available on request:**
Push buttons, coin acceptors for paid access control.
- Material options:**
Frame 304 Brushed S/S.
Granite top cover available on request.

SYSTEM COMPATIBILITY:

- Mechanism and Electronic control panel c/w Hydraulic damping mechanical key override for free turning.
- Removable lid.
- Reader mounting position.
- 10mm toughened glass with Stainless Steel protection covers on corners.
- Removable bottom cabinet covers.
- Cable entry.
- Floor fixing position 4x M12 Rawl Bolts

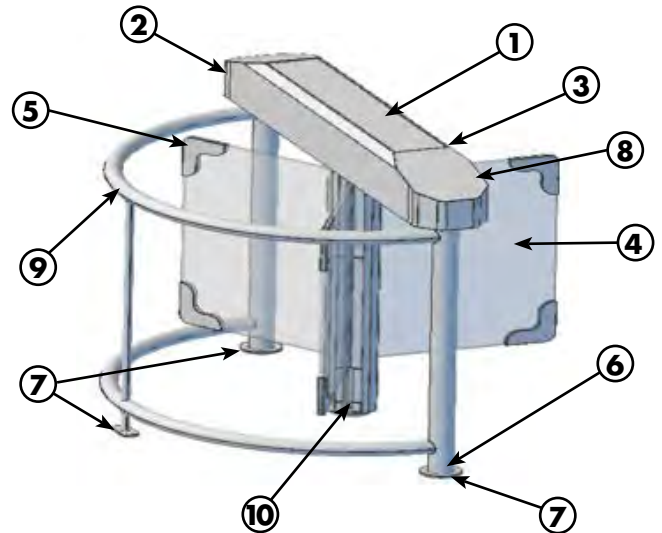
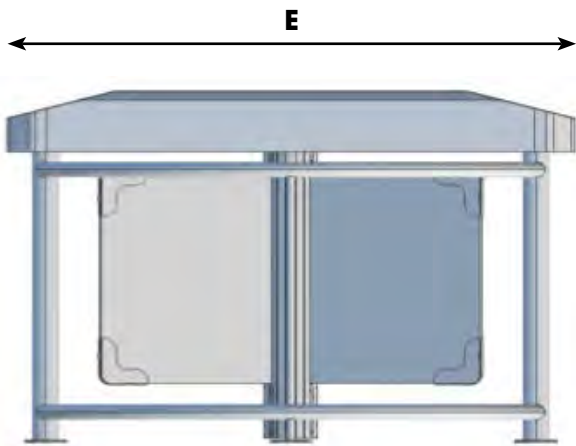
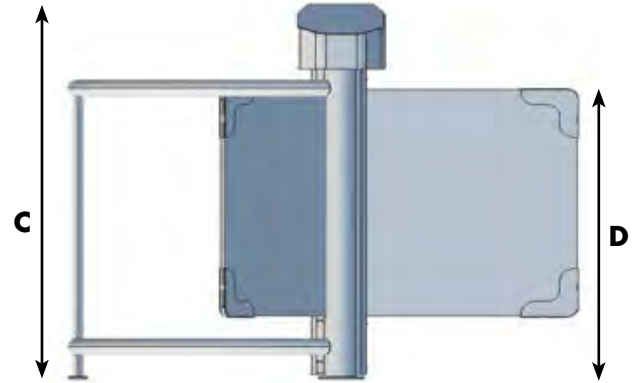
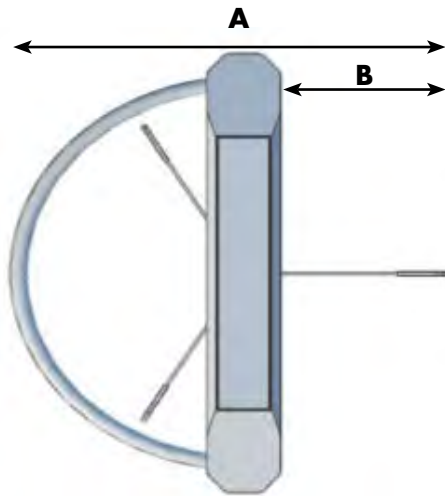




CYCLONE™ GLASS HALF HEIGHT TURNSTILE



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CYCLONE™ GLASS HALF HEIGHT TURNSTILE TECHNICAL SPECIFICATIONS

A	Turnstile Width	1330mm
B	Opening width for glass lever	505mm
C	Overall Height	1160mm
D	Turnstile glass lever height	895mm
E	Turnstile Length	1590mm
1	Mechanism & Electronic control panel c/w hydraulic damping mechanical key.	
2	Removable cover plate.	
3	Top channel.	
4	10mm Toughened glass.	
5	Stainless steel push handles.	
6	Cable entry.	
7	Floor fixing position 8 x M12 rawl bolts for single and 12 x M8 for double turnstiles.	
8	Reader mounting positions.	
9	Restriction bars.	
10	Bottom rotor guide.	

Due to continuous product development, products and designs are subject to change without notice.



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