



CYCLONE™
GLASS FULL HEIGHT
TURNSTILE
(3/4 ARM) - SINGLES & DOUBLES



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 4-Arm (90°)
- Single 3-Arm (120°)
- Double 4-Arm (90°)
- Double 3-Arm (120°)
- Stainless Steel 304
- Stainless Steel 316



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

TYPE	CYCLONE®	LOW	MEDIUM	HIGH	ULTRA SECURE
3-ARM	SINGLE	X	X	X	
3-ARM	DOUBLE	X	X	X	
4-ARM	SINGLE	X	X	X	
4-ARM	DOUBLE	X	X	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?

- Your turnstile comes with a 7 year mechanical warranty, the first in S.A. That is how confident we are in our product.
- You will not pay for any mechanical component in your 7 year warranty period.
- BGS has been manufacturing turnstiles for 16 years.
- 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.
- Mechanical key override for both directions.
- Solenoids are rated 100% duty cycle for trouble free operations.
- Case hardened locking mechanism.
- Maintenance free mechanism.
- Factory tested recorded serial numbers.
- Quiet locking and unlocking mechanism.
- Manufacturers warranty
 - 7 year mechanical warranty, first in S.A.
 - 1 year electrical warranty
- Zinc plated mechanism for corrosive protection.
- 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.



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.





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 arm configurations:	3-arm = 120° 4-arm = 90°
Rotor arms:	38mm Round Tube fixed arms
Weight:	Single 3 wing 180kg Double 3 wing 275kg Single 4 wing 180kg Double 4 wing 275kg
Package Size:	Single 3 or 4 wing Double 3 or 4 wing
Export:	Turnstile arms can be disassembled and packed into purpose made pallets for export. Materials are treated for export.





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 or 316 brushed S/S.

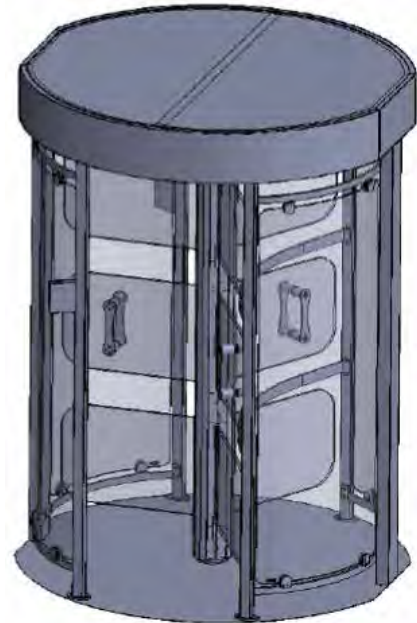
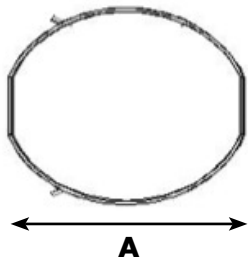
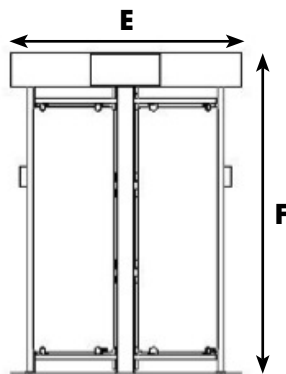
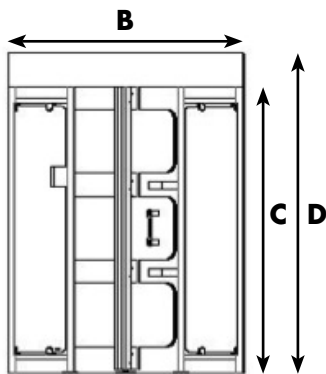




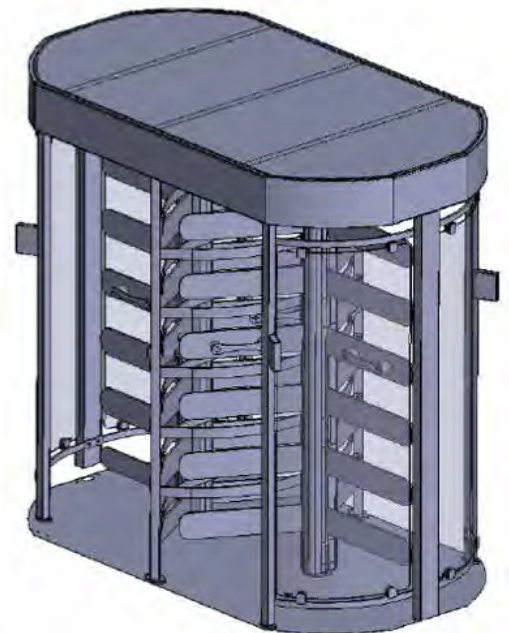
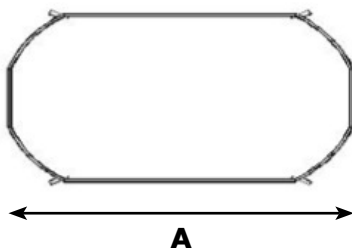
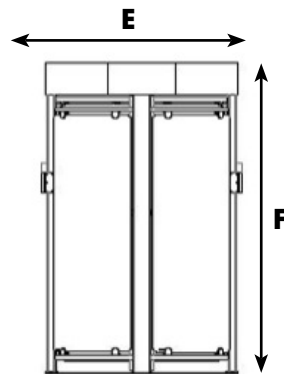
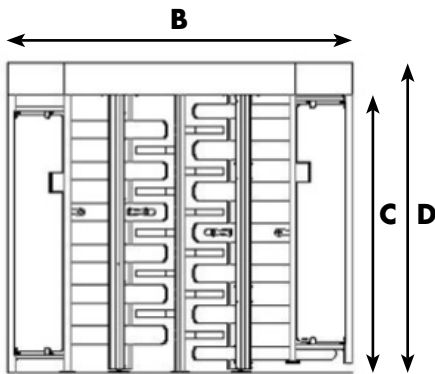
CYCLONE™ GLASS FULL HEIGHT TURNSTILE



CYCLONE™ SINGLE GLASS FULL HEIGHT TURNSTILE



CYCLONE™ DOUBLE GLASS FULL HEIGHT TURNSTILE

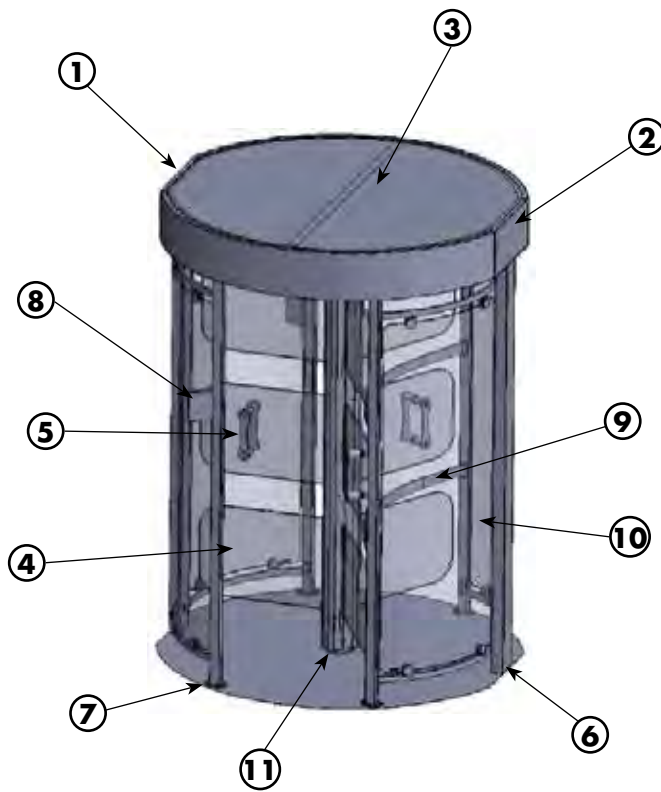


A	Recommended Opening Width	1 430mm	A	Recommended Opening Width	2 180mm
B	Turnstile Width	1 405mm	B	Turnstile Width	2 155mm
C	Headroom	1 990mm	C	Headroom	1 990mm
D	Turnstile Height	2 220mm	D	Turnstile Height	2 220mm
E	Turnstile Depth	1 366mm	E	Turnstile Depth	1 205mm
F	Recommended Opening Height	2 250mm	F	Recommended Opening Height	2 250mm

Due to continuous improvement, products and design are subject to change without notice.



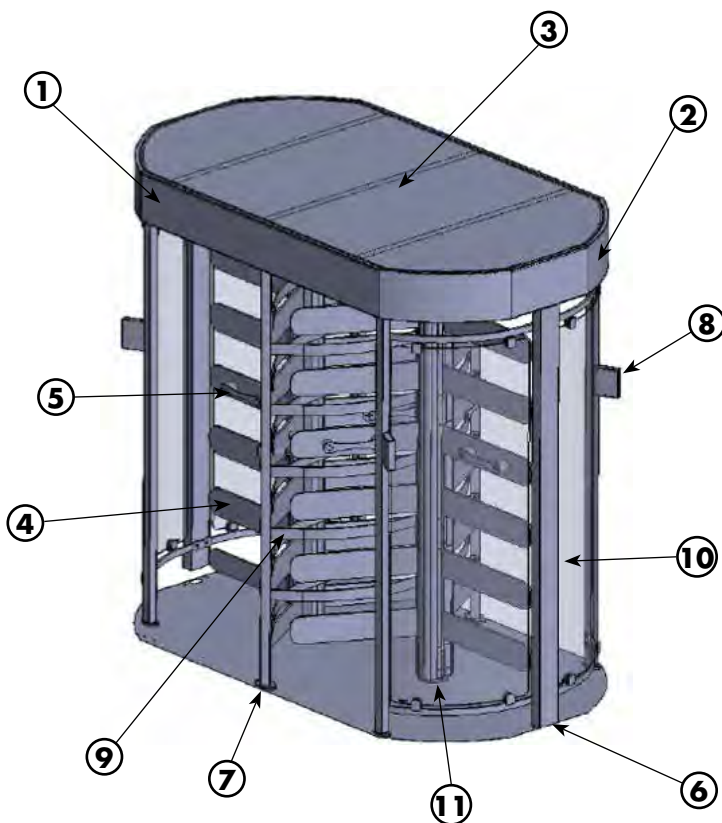
SINGLE 3 LEVER GLASS TURNSTILE - TECHNICAL QUALITY SPECIFICATIONS



- 1 Lockable top channel cover c/w 2 x locks
- 2 Top channel
- 3 New design mechanism c/w
 - a. 7 year warranty
 - b. Unique "keyless square shaft"®
 - c. Suspended rotor
 - d. Dust cover
- 4 10mm Toughened glass wings
- 5 S/S 304 Push handles
- 6 Cable entry
- 7 Floor mounting lugs x 8
- 8 Reader Box
- 9 Restriction Bar
- 10 Glass Side Screen
- 11 Rotor Centre Guide



DOUBLE 3 LEVER GLASS TURNSTILE - TECHNICAL QUALITY SPECIFICATIONS



- 1 Lockable top channel cover c/w 2 x locks
- 2 Top channel
- 3 New design mechanism c/w
 - a. 7 year warranty
 - b. Unique "keyless square shaft"®
 - c. Suspended rotor
 - d. Dust cover
- 4 10mm Toughened glass wings
- 5 S/S 304 Push handles
- 6 Cable entry
- 7 Floor mounting lugs x 12
- 8 Reader Box
- 9 Restriction Bar
- 10 Glass Side Screen
- 11 Rotor Centre Guide





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