

Pedestrian Control Gates & Turnstiles

LPS 1175 & Security Ranges





FP2
Security Sliding Gates



FP2.1
Barricade Beams



FP3
Hinged/Swing Security Gates



FP4
Automatic Drop/Rising Arm Barriers



FP5
Road Blockers & Rising Kerbs



FP5.1
Rising & Static Bollards



FP6
Manual Perimeter Security



FP7
Pedestrian Gates & Turnstiles

Also available:

[Corporate Brochure](#)

[Your Guide to PAS 68](#)



Why Use Frontier Pitts Ltd? 4
Road Blocker Summary 6



Pedestrian Swing Gates 8
The manual Wicket Gate 10
The automatic Qwicket Gate



Pedestrian Sliding Gates "Bouncer" 12
The automatic or manual sliding Bouncer Gate



Pedestrian Turnstiles 14
Full height Turnstiles Model FPT1 and FPT2



Half Height Turnstiles 18



LPS 1175 Terra Diamond Turnstile 20

Why Use Frontier Pitts?



From our UK HQ
in Crawley, West Sussex



Frontier Pitts is more than just a Manufacturer:

90 years experience & accredited to BSi ISO 9001

National & International. Installations in over 90 countries

95 directly employed personnel, including multi-lingual staff & personnel that have been Frontier Pitts for 30+ years

Technical Consultants based at regional offices will visit any site within the British Isles, without charge or obligation, offering technical advice on the most appropriate & effective perimeter security solutions. Including BSi PAS 68 & CEN CWA 16221 standards.

Directly employed sales & support staff

Large product portfolio to suit all budgets & requirements

Standard product specifications are complimented by our bespoke design service. Previous accomplishments include a sliding gate system which secures a 70 metre aperture

Full 3D CAD Design. Site specific drawings issued to clients

British Engineering - Designed & built to last

Mechanical & Electrical Engineering Research & Development Programs

Comprehensive Training Program; ensures the client always receives the very best of our technical expertise

Dedicated Project Manager for each project. All work is executed under the strict control of our specially trained PMs

Fleet of vehicles including HGV's to ensure the equipment is safely delivered to site, with full ID tracking for security



Highly skilled, dedicated Mechanical & Electrical Field Engineers

Installation, Commissioning, Service & Maintenance

24hr / 7days a week manned UK Call Centre & Nationwide Breakdown Service

A range of Maintenance Contracts available to suit individual site requirements

Maintenance Contracts with response times in as little as 4 hours
Comprehensive Customer Service

Highly skilled, directly employed engineers located nationally.
Frontier Pitts do not use Sub Contractors

Full Installation & Commissioning Service

Civil, Electrical & Ground Works Team

BSi ISO 9001 Accredited and LPCB approved to LPS 1175

Verified and Founder member of the PSSA - Perimeter Security Suppliers Association - with the aim to raise the standards of the industry.

In house resources & skills - IT, Engineering, Fabricating, Maintenance & Installation - to overcome any possible obstacle

Spares Department, holding on average £200K of stock

Frontier Pitts is highly recommended by our existing & previous customers

Extra Fast Repair & Refurbishment for existing customers.

Total customer care for your peace of mind

In house secure IT servers, latest software and hardware

Experience of 'List X' regulations and data security.

Accreditations



Frontier Pitts manufacture a large portfolio of pedestrian gates and turnstiles.

The DDA (Disability Discrimination Act) came into force in 1995. Section 3 of the Act (which specifically mentions site accessibility) came into force in 2002. "The Act makes it unlawful for a service provider to discriminate against a disabled person by refusing to provide them any service which it provides to members of the public." - Code of Practice, DDA (Disability Discrimination Act)

Whether the requirement is for a simple, manually operated pedestrian gate, only used a few times a day, or a completely automated turnstile system with adjacent pedestrian gate used continuously, Frontier Pitts will design and manufacture a system designed to meet the sites exact needs. There are five options to consider when specifying your pedestrian control system, including:

1. LPS 1175 (Security Rating 3 or 4) or Security Range Pedestrian Turnstile and/or Pedestrian Gate
2. How many times per day will the gate/turnstile be operated?
3. Automatic or Manual? Type of Automation
4. Style of fenceline & other accessory requirements

Frontier Pitts Pedestrian Swing/Hinged Gates manual model is called the 'Wicket' and the automatic model is called the 'Qwicket'.

Frontier Pitts Pedestrian Sliding Pedestrian Gate is called the 'Bouncer' Gate, and is based on our vehicle sliding gate the LoTracker and Sliding Cantilevered Gate.

Frontier Pitts has a large portfolio of turnstiles, including half height and full height models.

Full height turnstiles also have the option of 90 or 120 degree rotors.

As a vehicle security gate should not be used by pedestrians for health and safety reasons, Frontier Pitts recommends a separate access point in the form of a pedestrian gate or turnstile adjacent to the vehicle gate within the fenceline.

Frontier Pitts also has a wide selection of half height turnstiles to suit all specifications and requirements.



Hinged (Swing) Pedestrian Qwicket Gate



Full Height Turnstile with Wicket Pedestrian Gate system

Terra Diamond Turnstile
LPS 1175: Issue 6.1 Security Ratings 3 & 4



Certified to LPS 1175: Issue 6.1
Security Rating 3 & 4
Certificate Number: 1059a/01 &



Approved for UK Government Use

The Terra Diamond Turnstile which has been successfully tested to LPS 1175 Grade 3 and 4.

This is the only turnstile in the World to be accredited to LPS 1175* and is an ideal pedestrian solution to operate alongside the vehicle perimeter security solutions.

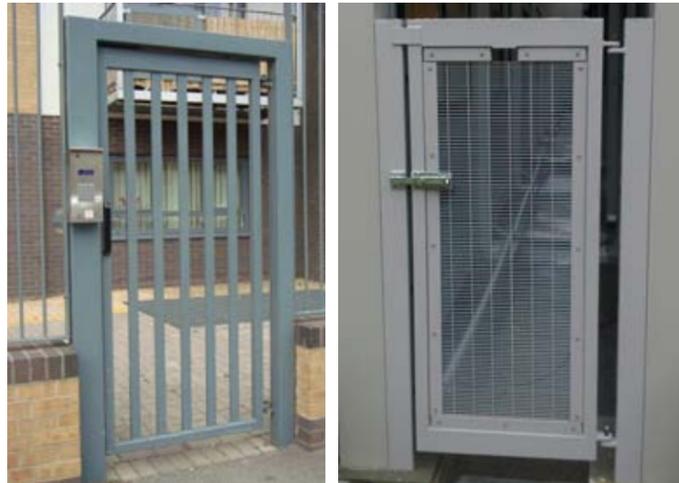
**correct at time of print*



Pedestrian Wicket Gate

Manual Hinged/Swing Pedestrian Gate.
Bespoke available

Applications: For sites requiring pedestrian access control within the fenceline
Depots | Cargo Parks | Ports | Car Parks | Warehouses
Delivery entrances | Utility | Heavy Industrial & Commercial Premises



Wicket Gate available in a range of styles



Wicket gate installed adjacent to a vehicle gate.



Wide range of infills available.

The Wicket Pedestrian Gate is a manual hinged/ swing gate which provides safe access for pedestrians.

The Wicket Gate is available in a wide range of styles to compliment both contemporary and traditional architectural designs. The Wicket can also be custom-designed to match a company's specific requirements and/or vehicle access gate.

Accessories: Signage, cowled exit switch (pictured below).

The manual 'Wicket' gates security can be increased with a hydraulic closer or an electric closer, and a maglock. With this option, a wide range of access control systems are available.

Finish. Various options available, including: Shotblasted, hot zinc sprayed, primed & finished with a final coat of polyurethane paint. Client to advise RAL paint number. This process provides a 20-year corrosion protection system for exterior, industrial polluted inland sites to BS5493, 1977 (Revised 1984). Alternatively, acid dipped then hot galvanized.

**This is subject to a risk assessment to ensure the automatic equipment complies to BS EN 12453*



Accessories include Cowled Exit Switches (as pictured left)



The Wicket gate can be specified to open 180 degrees for disabled access

Standard internal height: 2050mm
Standard gateleaf width: 750mm or 1000mm

Colour: Any colour in the RAL colour range.

Construction

The gate leaf is a fully welded construction of rectangular hollow section, low carbon steel to BS4848 Pt.2.

Infill - various infills available, including bar, solid sheet, weldmesh, etc. Standard bar infill: Vertical 50mm x 25mm ERW bar infill at approximately 180mm centres, backed by 8 gauge x 50mm square galvanised weld mesh, painted to match

CIVIL REQUIREMENTS

Gate leaf Foundation:

L: 1100mm x W: 600mm x D: 450mm

(Note: If power/control is required, wiring ducts need to be incorporated into foundations)

ELECTRICAL REQUIREMENTS

If the Wicket is to be installed with a closer or maglock mechanism:

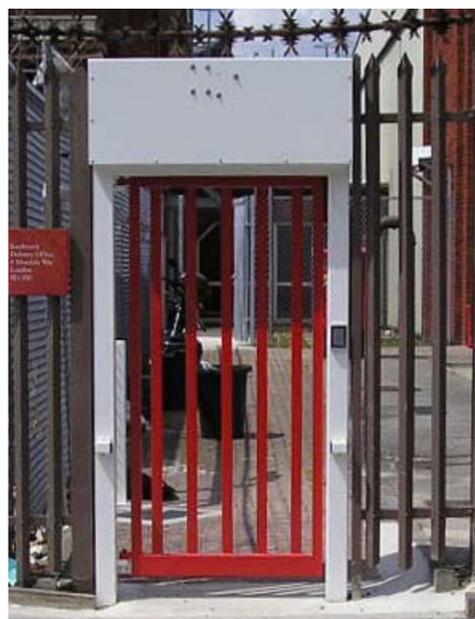
6 amp, 3 wire, 230v, 50hz, single phase



Pedestrian Qwicket Gate

Automatic Hinged/Swing Pedestrian Gate
Bespoke available.

Applications: For sites requiring pedestrian access control within the fenceline where there is sufficient room for runback
Depots | Cargo Parks | Ports | Car Parks | Warehouses
Delivery Entrances | Utility | Heavy Industrial &



The Qwicket Pedestrian Gate is an automatic hinged/swing gate which provides safe access for pedestrians.

When it comes to controlling the flow of people, Frontier Pitts' renowned quality comes to the fore in pedestrian gates. Whether required for security or safety reasons, our pedestrian gates have been proven to deliver reliable performance in installations around the world.

The motorised "Qwicket" (which can be operated by card reader, push-button, etc.) will open 90°, close and rebolt within a standard 15-second* operating cycle. It is ideal for secure sites, where personnel access needs to be restricted or controlled.

Like the Wicket Gate, the Qwicket is available in a wide range of styles to compliment both contemporary and traditional architectural designs. The Qwicket can also be custom-designed to match a company's specific requirements and/or vehicle access gate.

Accessories: Signage, cowled exit switch (please see page 8)

Finish. Various options available, including: Shotblasted, hot zinc sprayed, primed & finished with a final coat of polyurethane paint. Client to advise RAL paint number. This process provides a 20-year corrosion protection system for exterior; industrial polluted inland sites to BS5493, 1977 (Revised 1984). Alternatively, acid dipped then hot galvanized.

**This is subject to a risk assessment to ensure the automatic equipment complies to BS EN 12453*



On receipt of a signal from a push-button, card reader etc, the Qwicket gateleaf unbolts and opens automatically by 90°, and then closes, rebolts and switches off in a standard 15-second* operating cycle

Standard internal height: 2050mm
Standard gateleaf width: 750mm or 1000mm
Colour: Any colour in the RAL range

Construction
The gate leaf is a fully welded construction of rectangular hollow section, low carbon steel to BS4848 Pt.2.

Infill - various infills available, including bar, solid sheet, weldmesh, etc. Standard bar infill: Vertical 50mm x 25mm ERW bar infill at approximately 180mm centres, backed by 8 gauge x 50mm square galvanised weld mesh, painted to match

CIVIL REQUIREMENTS

Gate leaf Foundation:
L:1100mm x W:600mm x D:450mm
(Note: Power and control wiring ducts to be incorporated into foundations)

ELECTRICAL REQUIREMENTS

6 amp, 3 wire, 230v, 50hz, single phase

**This is subject to a risk assessment to ensure the automatic equipment complies to BS EN 12453*





Pedestrian Sliding 'Bouncer' Gate
Automatic Sliding Pedestrian Gate
Bespoke available.

Applications: For sites requiring pedestrian access control within the fenceline where there is sufficient room for runback
Depots | Cargo Parks | Ports | Car Parks | Warehouses
Delivery Entrances | Utility | Heavy Industrial & Commercial Premises



The 'Bouncer' Pedestrian Gate is an automatic sliding gate which provides secure controlled access for pedestrians.

The high security unit is based on the design of the larger Sliding Cantilevered Gate for vehicles.

The motorised Bouncer (which can be operated by card reader, push-button, etc.) will slide open fully and slide back within a standard 20 second* operating cycle. It is ideal for secure sites, where personnel access needs to be restricted or controlled.

Like all Frontier Pitts sliding gates, the Bouncer is available in a wide range of styles, and can be custom-designed to match a company's specific requirements and/or vehicle access gate.

Accessories: Signage, safety edges, photocells etc.

Finish. Various options available, including: Shotblasted, hot zinc sprayed, primed & finished with a final coat of polyurethane paint. Client to advise RAL paint number. This process provides a 20-year corrosion protection system for exterior, industrial polluted inland sites to BS5493, 1977 (Revised 1984). Alternatively, acid dipped then hot galvanized.

**This is subject to a risk assessment to ensure the automatic equipment complies to BS EN 12453*



Sliding Gate Safety Accessories
We highly recommend the following safety features are fitted to your pedestrian sliding gate:

Safety Photocell



Safety Edge

Pedestrian Guard Rail



Flashing Beacon & audible alarm

Standard gate height: 2400mm
Standard gateleaf width: 1250mm

Colour: Any colour in the RAL range

Construction

The gate leaf is a fully welded construction of rectangular hollow section, low carbon steel to BS4848 Pt.2.

Infill - various infills available, including bar, solid sheet, weldmesh, etc. Standard bar infill: Vertical 50mm x 25mm ERW bar infill at approximately 180mm centres, backed by 8 gauge x 50mm square galvanised weld mesh, painted to match

CIVIL REQUIREMENTS

Gate leaf Foundation:

L:2775mm x W:1000mm x D:300mm

Receptor post Foundation:

L:600mm x W:1000mm x D:300mm

(Note: Power and control wiring ducts to be incorporated into foundations)

ELECTRICAL REQUIREMENTS

6 amp, 3 wire, 230v, 50hz, single phase

**This is subject to a risk assessment to ensure the automatic equipment complies to BS EN 12453*

For more information, please contact
Technical Sales on 01293 422800



FPTI Full Height Pedestrian Turnstile

Semi- Automatic Turnstile
Bespoke available

Applications: For sites requiring pedestrian access control within the fenceline

Depots | Cargo Parks | Ports | Airports | Car Park |
Warehouses | Delivery Entrances | Utility |
Heavy Industrial & Commercial Premises



Frontier Pitts Full Height FPTI model of pedestrian turnstile is designed for perimeter use and often used in conjunction with sliding or hinged gates.

Designed for perimeter use, Frontier Pitts turnstiles are normally used adjacent to sliding or hinged gates, thus providing both pedestrian and vehicular control

Full height turnstiles are available in single and twin cage versions, with a single rotor for left or right handed installations, or twin rotors where two turnstiles are required

Accessories: Signage, cowled exit switch

Finish. Various options available, including: Shotblasted, hot zinc sprayed, primed & finished with a final coat of polyurethane paint. Client to advise RAL paint number. This process provides a 20-year corrosion protection system for exterior, industrial polluted inland sites to BS5493, 1977 (Revised 1984). Alternatively, acid dipped then hot galvanized.



Left: FPTI Turnstile installed adjacent to a Speed Gate System



Right: FPTI Turnstile installed adjacent to a Qwicket Pedestrian Gate



Stainless Steel finish also available

On receipt of a signal from a push-button, card reader etc, the turnstile will release the rotor rotor, then closes and reboots.

Standard internal height: 2050mm
Standard walkway width: 520mm or 610mm
Colour: Any colour in the RAL range

CONSTRUCTION

Cage - Combination of 32mm dia vertical bars with 50mm x 50mm columns. To form a short walkway. Columns are used to mount card readers etc

Canopy - Metal canopy with anti-drip guttering, lifts off for access

Rotor - Horizontal 32mm diameter steel tubes mounted into steel column. Column mounted in sealed bearing bolted to foundation.

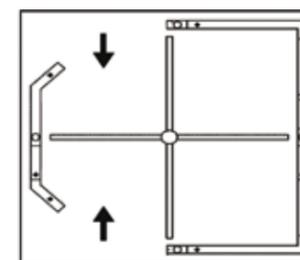
Optional - Stainless Steel Rotor

CIVIL REQUIREMENTS

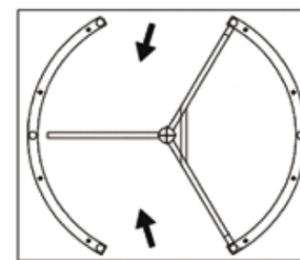
Single Rotor Turnstiles
90° - L:1500mm x W:1500mm x D:300mm
120° - L:1500mm x W:1300mm x D:300mm

Twin Rotor Turnstiles
90° - L:2200mm x W:1499mm x D:300mm
120° - L:2200mm x W:1300mm x D:300mm
(Note: Power and control wiring ducts to be incorporated into foundations)

ELECTRICAL REQUIREMENTS
6 amp, 3 wire, 230v, 50hz, single phase



Single 90° rotor



Single 120° rotor



FPT2 Full Height Pedestrian Turnstile
 "Securistyle" Turnstile &
 "Sportstyle" Turnstile
 Bespoke available

Applications: For sites requiring pedestrian access control within the fenceline

Depots | Cargo Parks | Ports | Airports | Car Park |
 Warehouses | Delivery Entrances | Utility |
 Heavy Industrial & Commercial Premises



Securistyle

Frontier Pitts Full Height FPT2 model of pedestrian turnstile, or the 'Securistyle' as it is commonly known is designed for perimeter use and often used in conjunction with sliding or hinged gates.

Accessories: Signage, lighting, flooring.

Finish. Various options available, including:
 Shotblasted, hot zinc sprayed, primed & finished with a final coat of polyurethane paint. Client to advise RAL paint number. This process provides a 20-year corrosion protection system for exterior; industrial polluted inland sites to BS5493, 1977 (Revised 1984). Alternatively, acid dipped then hot galvanized.

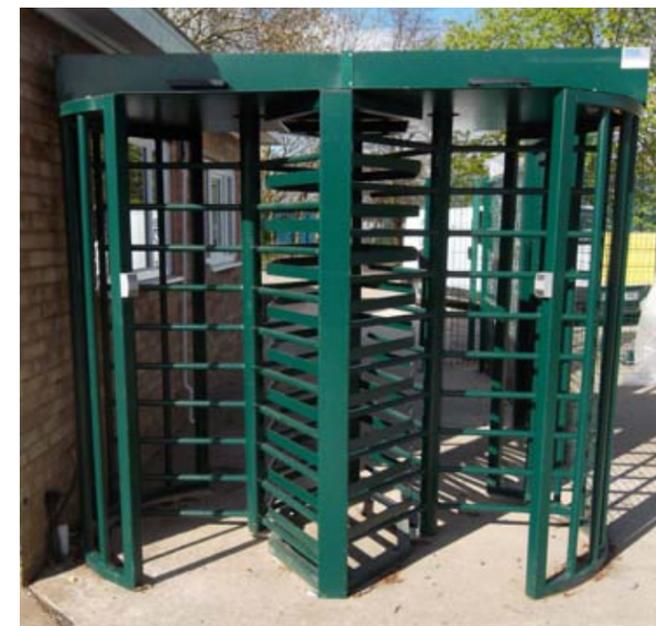


Sportstyle

The Frontier Pitts 'Sportstyle' turnstile is available in single or twin forms, but differs to the other full height turnstiles - a kiosk is incorporated into the design

The kiosk is fitted into the turnstile with a viewing window cut into the secure passageway. Access can therefore be controlled easily.

Designed for applications where persons entering have to pay or report to a guard, e.g. an entrance to a stadium



On receipt of a signal from a push-button, card reader etc., the turnstile will release the rotor rotor, then closes and reboots.

Standard internal height: 2050mm
 Standard gateleaf width: 750mm or 1000mm
 Colour: Any colour in the RAL range

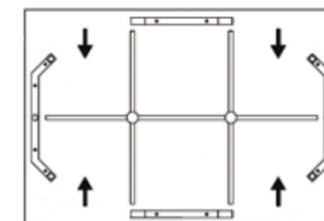
CONSTRUCTION

Cage - Combination of 32mm dia vertical bars with 50mm x 50mm columns. To form a short walkway. Columns are used to mount card readers etc

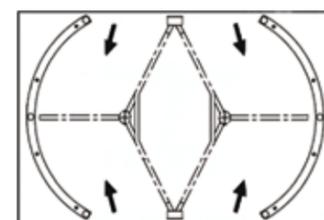
Canopy - Metal canopy with anti-drip guttering, lifts off for access

Rotor - Horizontal 32mm dia steel tubes mounted into steel column. Column mounted in sealed bearing bolted to foundation.

Optional - Stainless Steel Rotor



Twin
90° rotor



Twin
120° rotor

CIVIL REQUIREMENTS

Single Rotor Turnstile
 90° - L:1500mm x W:1500mm x D:300mm
 120° - L:1300mm x W:1500mm x D:300mm

Twin Rotor Turnstiles
 90° - L:2200 x W:1500mm x D:300mm
 120° - L:2200mm x W:1300mm x D:300mm
 (Note: Power and control wiring ducts to be incorporated into foundations)

ELECTRICAL REQUIREMENTS

6 amp, 3 wire, 230v, 50hz, single phase



Half Height Pedestrian Turnstile

Semi-Automatic Turnstiles
Bespoke available

Applications: Internal Use
Leisure Centres | Shopping Centres
Airports | Libraries | Sport Facilities | Stadiums |
For sites requiring internal pedestrian access control



Half height iTurnstiles

Controls the entry and exits of pedestrian traffic at places such as swimming pools, parks, shops,

High duty rating with ease of installation and low maintenance

Stainless steel finish

Arm Height: 800mm x Arm Length: 500mm



iTripod Turnstiles

Controls the entry and exits of pedestrian traffic at places such as swimming pools, parks, shops,

High duty rating with ease of installation and low maintenance

Stainless steel or powder coated paint finish

Arm Height: 800mm x Arm Length: 500mm

Twin
90° rotor



Half Height Turnstile installed at a leisure centre



Frontier Pitts Ltd has become the first company to achieve LPS 1175 Issue 6 for the full height Terra Diamond Turnstile Grade 3 and Grade 4.



Terra Diamond Turnstile

LPS 1175: Issue 6.1 Security Rating 3 & 4

Applications: High Security Pedestrian Control Access

Security Rating 3 - Certificate Number 1059a/01

Security Rating 4 - Certificate Number 1059a/02



CPNI®

Centre for the Protection of National Infrastructure

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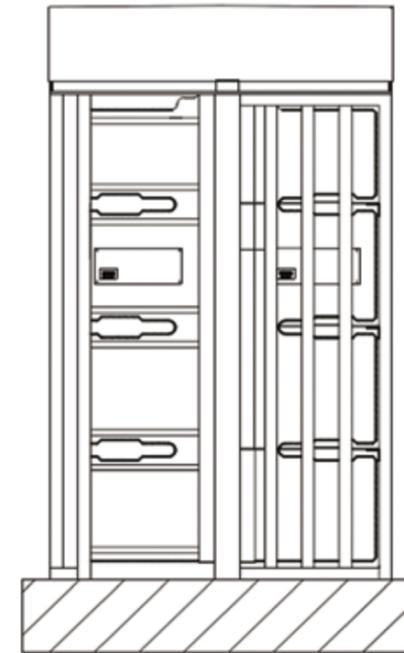


Certified to LPS 1175: Issue 6.1
Security Rating 3 & 4
Certificate Number: 1059a/01 & 1059a/02

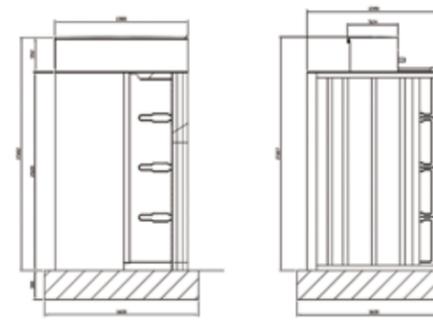
The Terra Diamond Turnstiles successfully resisted an intensive attack test programme in accordance with LPS 1175: Issue 6.1. These involved a series of attack tests each lasting at least 10 minutes using a wide array of hand tools and battery powered tools.

The Terra Diamond Turnstiles are the only turnstiles currently on the market that are approved to LPS 1175 Security Ratings 3 and 4.
*correct at time of print

- Design Features**
- Heavy duty, high security turnstile
 - Robust steel 90 degree rotor
 - In filled rotor arms prevent climbing
 - Allows only single file authorised access
 - Metal reinforced high security lid
 - Painted to clients choice of BS/RAL colour
 - AC Interface and microprocessor control board
 - Status indicator with red & green light
 - Heavy duty, vandal resistant head mechanism
 - Anti return solenoid lock
 - Fail secure – turnstile will remain secure during power failure.



VIEW FROM SECURE SIDE



VIEW FROM NON-SECURE SIDE

VIEW FROM SIDE

On receipt of a signal from a push-button, card reader etc., the turnstile will release the rotor; then closes and relocks. The park assembly has a positive action lock which prevents the arm rotating in reverse after 60°

Standard internal height: 2020mm
Standard gateleaf width: 500mm
Colour: Any colour in the RAL range

CONSTRUCTION

Cage - Fully welded steel cage backed with high security sheet steel forms a short walkway. Columns are used to mount card readers etc

Canopy - Metal canopy with anti-drip guttering, with reinforced high security lid which lifts off for access

Rotor - 90° High-strength sheet steel blades. (Grade 4 has additional reinforcing for increased resistance to attack)

CIVIL REQUIREMENTS

L:1260mm x W:1600mm x D:300mm
(Note: Power and control wiring ducts to be incorporated into foundations)

ELECTRICAL REQUIREMENTS POWER

10 Amp, 3 wire, 240v 50hz - Single phase supply

**This is subject to a risk assessment to ensure the automatic equipment complies to BS EN 12453*



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for details please contact CPNI



Certified to LPS 1175: Issue 6.1
Security Rating 3 & 4
Certificate Number: 1059a/01 & 1059a/02

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