

Frontier Pitts Ltd has become the first company to achieve LPS 1175 Issue 6.1 for the full height Terra Diamond Turnstile Grade 3 and Grade 4.



Terra Diamond Turnstile

LPS 1175: Issue 6.1 Security Rating 3 & 4



CPNI[®]

Centre for the Protection
of National Infrastructure

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Certified to LPS 1175: Issue 6.1
Security Rating 3 & 4
Certificate No. 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.



Secured by Design

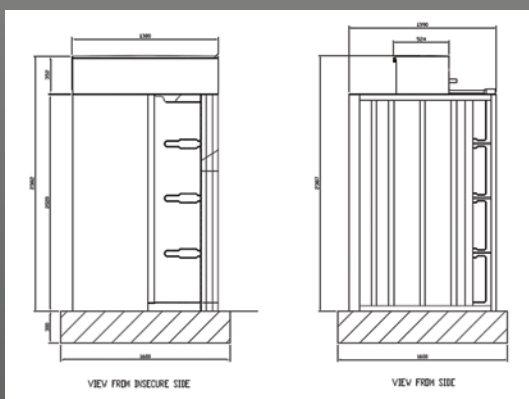
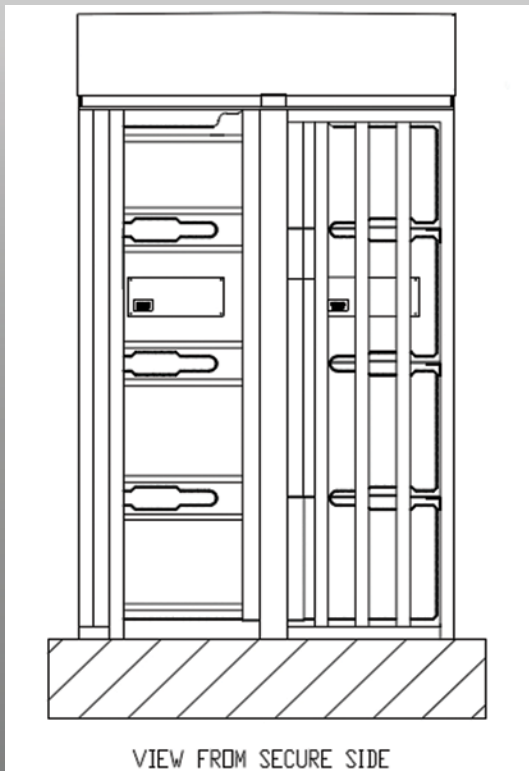


Official Police Security Initiative

Applications: High Security Pedestrian Control Access

Security Rating 3 - Certificate Number I059a/01

Security Rating 4 - Certificate Number I059a/02



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

230v 50Hz 2amp - Single phase supply

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



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