

# TERRA V GATE PAS 68 7.5t at 80kph



The PAS 68 Terra V Gate, a robust bi-parting hinged gate system impact tested to stop a 7.5-ton vehicle traveling at 80kph (50mph). With its unique shallow 'V' shape and shallow foundation of only 500mm, this gate ensures zero penetration and remains fully functional after the impact. Designed for easy installation and maintenance, it can be manually operated or automated with Trojan Actuators and interfaced with any access control system.

## BENEFITS & FEATURES

- PAS 68 Classification Code: V Hinged Gate 7500(N3)/80/90:0.0/0.0
- Impact Tested at 7.5t at 80kph
- Maximum width: 7000mm
- Standard Height: 2400mm
- Variable heights available up to 4000mm
- PAS 68 Tested dimensions : width 4500mm, height 3000mm
- This Manual bi-parting pair of hinged gate leaves with heavy duty impact crash beam and heavy-duty support posts.
- Hinged Gate leaves can be automated with our range of Trojan Actuators.
- The Terra V Gate can be interfaced to any access control systems.
- Manual Terra V Gate Foundation Type B: Shallow foundation depths of only 500mm required
- Automatic Terra V Gate Foundation: Dependent on Actuator and size of gate.

The Terra V Gate is PSSA Verified. The Perimeter Security Suppliers Association has introduced a verification scheme to provide confidence to clients of the perimeter security industry and ensure that the associations members conform to internationally recognized quality standards, providing assurance that:

- Product is fit for purpose – designed to meet customer, market and regulatory requirements
- Products are consistently manufactured and supplied conforming to their agreed specification
- Products, when in use, produce the intended performance outcomes specified by the manufacturing

- Successfully Crash tested in the UK to PAS68 specification.
- Terra V-Gate has been designed for wider entrances covering 6m width of counter Terrorism protection.
- Heavy duty posts support the gate leaf during operation and crash test and absorb the impact energy and divert it into the ground.
- No track or support required across the road width, minimal excavation.
- Designed for easy of installation and maintenance
- Can be interfaced to any access control systems.
- Hydraulically driven by Underground Trojan actuators
- Manual disengaging lever arm for emergency use
- Advance drive mechanism with acceleration and deceleration velocity to preserve the driving mechanism.
- Unique locking mechanism to prevent the gate being open with force.
- Operating temperature of -20 to + 60C
- Operating Voltage: Three phase 415V AC at 50Hz
- Accreditations: TRL, Secured by Design
- Infill options: Bar infill, Weldmesh infill 358mm , Sheet infill (Solid), Square mesh infill 50x50mm and Special infill.



## TROJAN ACTUATOR

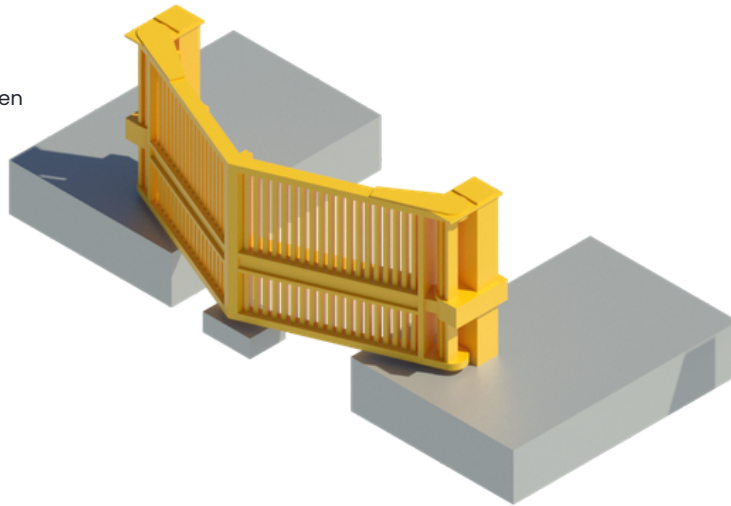
- Designed to automate larger, heavier gates
- 100% duty rating – designed for continuous operation
- Underground and surface mounted models available

## OPTIONS

- In event of Power Failure options of Fail secure (remain in closed position)
- 200mm Traffic Light System
- High Security Cabinet SR Rated
- Can be interfaced to any access control systems
- Various infills available including, bar, mesh and sheet

## SAFETY

- Vehicle detector loops
- Safety photocell beams
- Flashing beacons
- Audible alarm
- Safety Edge
- Stop push button
- Traffic lights Red/Green



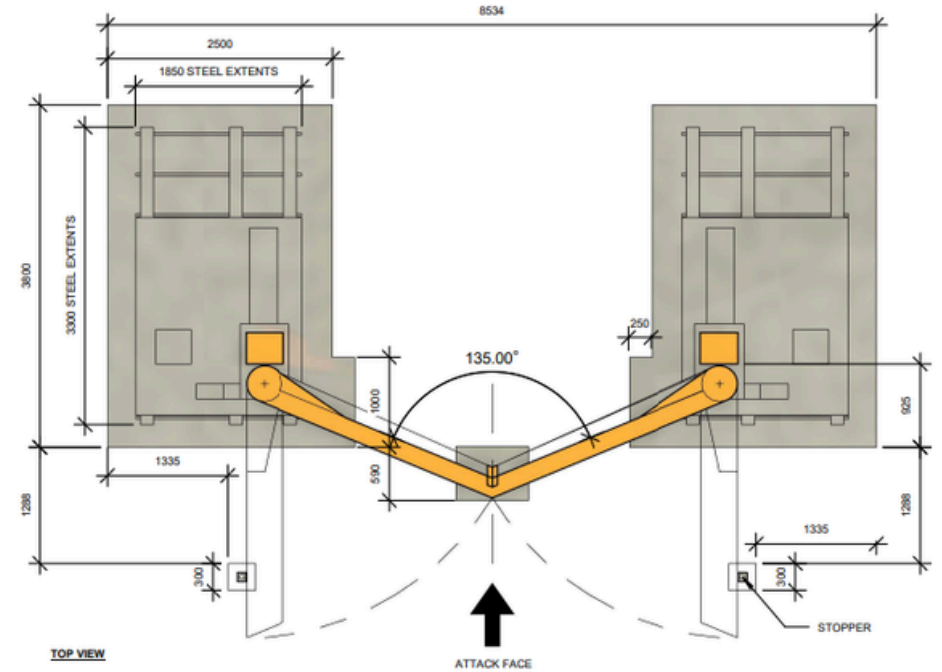
## CIVIL REQUIREMENTS

Manual Gate base (millimetres)  
L: 4000 x W: 2000 x D: 340 Receptor  
post foundations (millimetres)  
L: 4000 x W: 2000 x D: 340

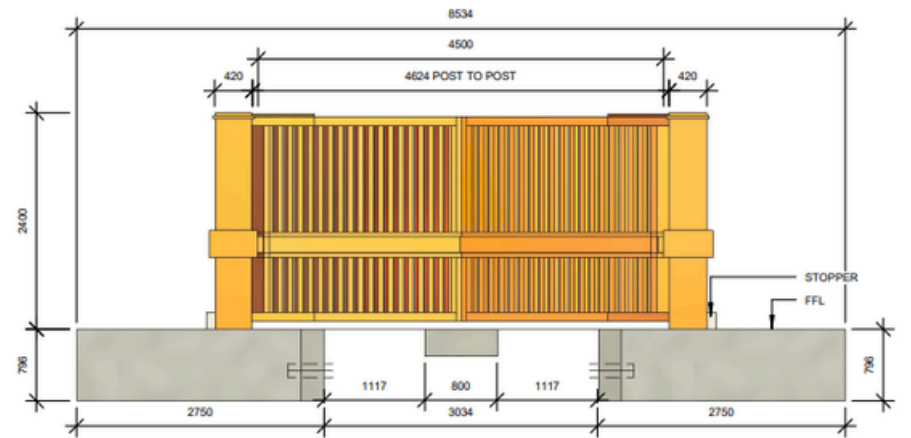
Automatic Gate foundations  
dependent on actuator Power and  
control wiring ducts may be  
required.

## ELECTRICAL REQUIREMENTS\*

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



TOP VIEW



FRONT VIEW



VISIT US:  
SCAN QR CODE

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