

PLATINUM BI-FOLDING GATE



The LPSI 175 Platinum Bi-folding Gate has been forcibility tested to LPSI 175 Security Rating 2 & 3 and is available in single leaf apertures up to 5m.

- Standard height: 2400mm. Max Height 4000mm
- Fully Welded Construction
- LPSI 175 SR2 & 3 rated bar and mesh infill
- Bespoke manufacturing

Benefits & Features

- Successfully Forcibility Tested by BRE to SR2 & 3 resisting an intensive attack test program in accordance with LPSI 175: Issue 7.3.
- Security Rating 2 – series of attacks lasting 3 minutes
- Security Rating 3 – series of attacks lasting 5 minutes
- The popular bi-folding speed gate is a fast acting security gate, which is ideal for sites where there is a limited area for the gate to open and close
- Hinged Gate leaves can be automated with our range of Trojan or Dutyman Actuators

Trojan Actuator

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

Dutyman MkII Actuator

- A surface mounted, self contained electro-mechanical drive mechanism
- The actuator will operate single leaf gates up to 6m, double leaf widths up to 12m and heights up to 6m *
- 100% duty rating – designed for continuous operation

Options

- 100/200mm Traffic Light System
- High Security Cabinet
- Can be interfaced to any access control systems

Safety

- Vehicle detector loops
- Safety photocell beams
- Flashing beacons
- Audible alarm
- Safety Edge

Civil Requirements

Gate post foundation (millimetres)

L: 4920 x W: 600 x D: 400

- Dependent on Automation

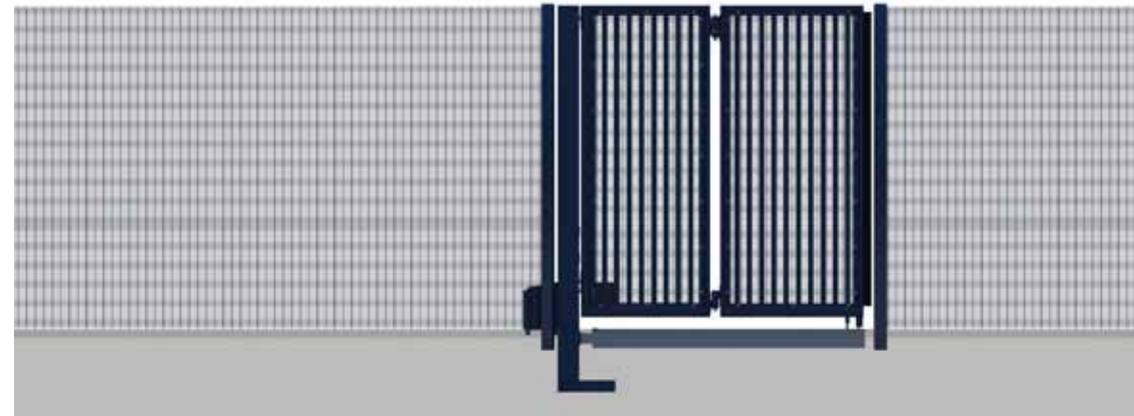
Note: Power and control wiring ducts to be incorporated into foundations

Electrical Requirements **

- Dependent on Automation

* Depending on configuration

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



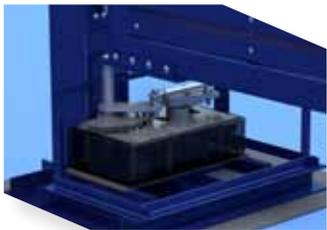
ACTUATORS



DUTYMAN ACTUATOR

A surface mounted, self contained electro-mechanical drive mechanism. The design of the actuator makes it practically invisible when installed and therefore is ideally suited for architectural and decorative styles of new and existing gates.

- Extra High Torque Drives
- 6-10 times more powerful than standard drives available on the market with speed control for extra high torque



TROJAN ACTUATOR

Trojan Actuators are a range of powerful motive units for large, heavy gates.

Specification

DESCRIPTION	DUTYMAN MKI	DUTYMAN MKIII	TROJAN ACTUATORS
Type	Electro-mechanical		Hydraulic
Mounting	Surface mounted, self contained drive mechanism		Underground or Surface Mounted
Torque	Max 1500Nm	Max 880Nm	Max 1500Nm
Safety Torque	Max 400Nm		
Max Angular Speed	12.9°/sec		500mm/second
Manual Override	Hand wind Secure Side		Battery back up
Motor Speed	Continuous for smooth operation		
100% duty cycle	Yes		
Maximum Actuator opening	95°		180°
Maximum Length x Height	6000mm x 2400mm	4200mm x 2400mm	6000mm x 3000mm
IP Protection	IP 54		
Power	three phase - 10 amp, 5 wire, 400v, 50Hz single phase - 6 amp, 3 wire, 230v, 50Hz		
Wind Resistance	Infill dependent		
Temperature	-15 to 55°C		
Control	Electronic drive plus special controller		Hydraulically driven ram
Safety	Motor thermal protection		