

Bi-Folding Fastgates

High security access control for vehicles and pedestrians

Bi-folding Fastgates are the ideal answer for areas where high security is a main concern, and speed of opening and closing is critical. The bi-folding action serves to provide a very high speed of operation. This may be important to minimise waiting times for people and cars passing through, or to ensure that security is not compromised.

The bi-folding action provides the most versatile gate to date. With no requirements for a 'top box drive' or ground track, the trackless bi-folding gate offers a low cost option but highly effective solution to vehicular access control.



Applications:

For high security access control

- High security sites such as airports, prisons, military bases
- Perimeter fencing
- Car parks at risk from car thieves and vandals
- Sealing buildings
- Can be combined with other APT products for ultra high-security

Why choose APT Controls?

We are the UK's leading provider of traffic management systems and can design a solution for any situation. We offer the broadest range of products, including every type of access control system.

APT Controls (of which APT Security Systems is a subsidiary) is a registered ISO 9001 company and all products are manufactured and tested under our stringent quality control system. All products comply with relevant CE directives and are covered by a full 12 month warranty.

We have the largest service organisation in the industry and can provide a fast, efficient and cost effective response to both routine and emergency situations.

All relevant products are Highways Agency Approved.

Features:**High speed operation**

- Opens and closes within 2 – 4 seconds depending upon size
- Standard speed is one meter per second

Trackless with no requirement for 'top-box drive'

- Height restrictions are not imposed
- Cost of concrete foundations reduced as no requirement for ground track

Robust construction for effective security

- Gates are built entirely of steel, cut on high precision CNC controlled plasma cutting machine

Safe in use

- Safety photo cell as standard; safety edges optional

Each gate is custom built for a perfect seal

- Each unit is built to project specifications so that any entry can be perfectly sealed, up to a maximum internal width of 7 meters

Accurate positioning sensing

- Provided by four proximity switches

**Options**

- Any RAL colour can be specified
- Company logos or wording can be mounted on the wings of the Fastgate
- Solid door panels can be provided as an alternative to grill gates
- Control via push button, handheld transmitter, card reader or virtually any control method
- Traffic lights or detection loops
- System for hand operation in the event of a power failure
- Emergency control system to allow the gates to be operated several times after the onset of power failure
- Sabotage switches to detect the door being opened; can be connected to an alarm

Technical Specifications

Fabrication	Quality steel. Wings and columns are galvanised to a thickness of 60 microns. Top drive casing is zinc-plated to thickness of 80 microns. All parts have 2 powder coatings to thickness of 80 microns in choice of colour.
Drive Unit	Normally a 750W motor is used, but larger gates may need 1100W or 1500W motor. Speed of operation depends on type of unit used but standard is 1 meter per second.
Control	Control via push button, handheld transmitter, card reader or virtually any control method.
Power Supply	230V – 50Hz single phase.
Mounting	Bolted to a concrete foundation, sufficiently strong to withstand wind pressure under all climatic conditions. If floor is not sufficiently strong, it may be necessary to insert a reinforced concrete block before mounting the gate.
Dimensions	According to requirements, up to maximum internal width of 7 metres. No height restriction.



APT Security Systems are part of the steering committee for PAS 68, the BSi Standard for Impact Test Specification for Vehicle Security Barriers.

APT Security Systems - Part of the APT Group of companies

APT Controls Limited, The Power House, Chantry Place, Headstone Lane, Harrow. HA3 6NY
Tel: +44 (0)20 8421 2411 Fax: +44 (0)20 8421 3951
Email: sales@aptcontrols.co.uk www.apcontrols-group.co.uk



APT has a policy of continual improvement, we therefore reserve the right to change specifications without notice.

ISO 9001 Cert N° QM 1112