

# Bi-folding Fastgates



*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 or cars passing through, or to ensure that security is not compromised. The imposing appearance forms an effective and impressive entry/exit barrier.*

## Applications:

### For high security access control

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

## Features:

### High speed operation

- Opens and closes within 2 to 4 seconds depending on size
- Standard speed is one metre per second

### Robust construction for effective security

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

### Safe in use

- Electronic safety devices ensure that pedestrians cannot be trapped or injured
- 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 maximum internal width of 8 metres and maximum clear height of 5 metres

### Accurate position sensing

- Provided by four proximity switches



High security  
access control  
for vehicles  
and  
pedestrians

## 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 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.

We are a founder member of the British Parking Association and have Highways Agency Approval for all relevant products.



British Parking Association



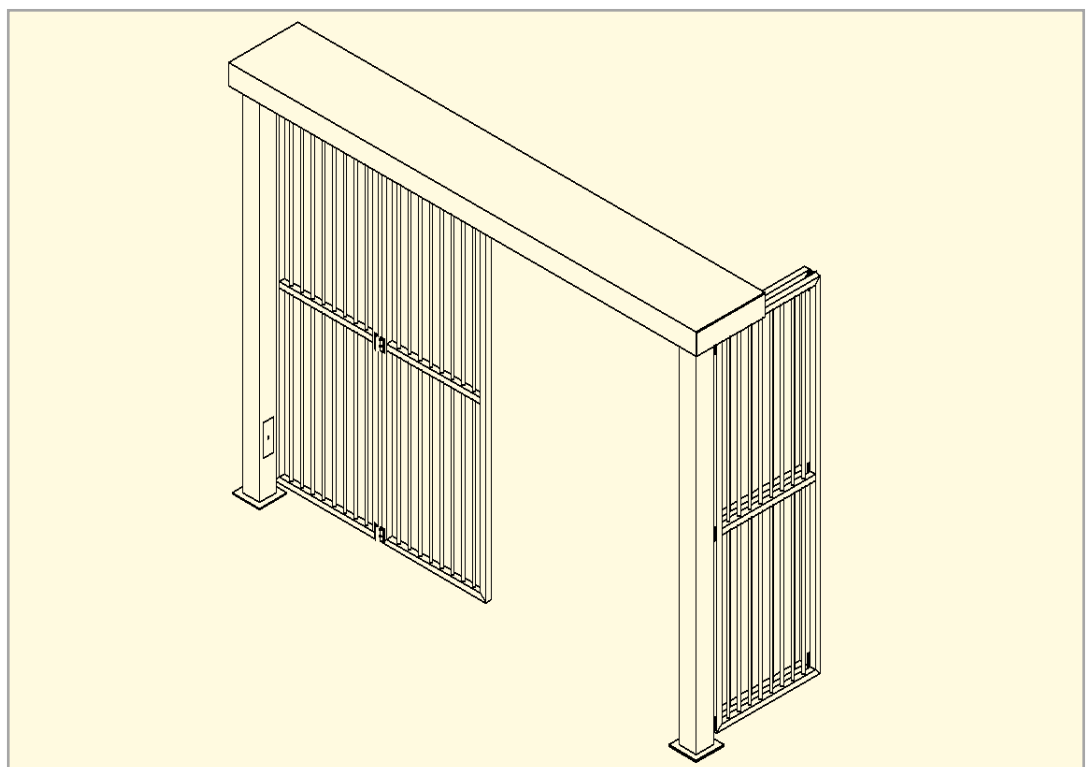
ISO 9001 Cert N° FM 10241

## Options

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

## Technical specifications

- Fabrication:** Quality 37 steel. Wings and columns finished with hot-dip galvanisation to thickness of 60 microns. Top drive casing is zinc-plated to thickness of 80 microns. Other parts are die-cast using a special aluminium-bronze mixture. All parts have 2 powder coatings to thickness of 80 microns in choice of colour.
- Drive unit:** Normally a 750 Watt motor is used, but larger gates may need 1100 Watt or 1500 Watt motor. Alternatively, can be pneumatic. Speed of operation depends on type of unit used, but standard is 1 metre per second.
- Control:** Control via push button, handheld transmitter, card reader or virtually any control method
- Power Supply:** 230V, 50 Hz, single phase for electric motor; 380V, 50Hz, three phase for pneumatic drive units. Consumption depends on drive unit.
- Mounting:** Bolted to a concrete foundation, sufficiently strong to withstand wind pressures under all climatic conditions. If floor is not sufficiently strong, it may be necessary to inset a reinforced concrete block before mounting the gate.
- Dimensions:** According to requirements, up to maximum internal width of 8 metres and maximum clear height of 5 metres.



For more information, contact us on:

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