



Automatic Bi-folding Speed Gates

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Detailed description

Automatic bi-folding speed gates are fast acting security gates designed to provide a high degree of security. The gates are available in a wide range of styles to complement both contemporary and traditional architectural designs. They are custom made to match a company's specific requirements.

Tracked and trackless models are also available. Compliant with BS EN 13849.

A choice of automation available with Frontier Pitts own designed and manufactured actuators depending on the size of the gate: Gate back Actuators (hydraulic), Dutyman Actuators (electro-mechanical) and underground Trojan Actuators (hydraulic). Heavy duty rams with PLC controlled slowdown to ensure quick and safe operation. 100% duty rated.

Applications:

Designed for controlling vehicle access in applications such as factories and commercial premises, banks, embassies, warehouses and distribution centres, hospitals, airports and transport terminals.

Product guidance - As Standard

Finish:

Shotblasted, hot zinc sprayed, primed and finished with a final coat of polyurethane paint to a BS or RAL number. This process provides a 20-year corrosion protection system for exterior, industrial polluted inland sites to BS 5493.

Operational speed:

Drive dependent. Contact manufacturer for details.

Options

Size:

- Height: 2400/4500 mm (standard/ maximum).
- Length: Available up to 10 000 mm.

Product specification

Manufacturer

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Frontier Pitts Ltd



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Product reference Bi-folding Speed Gates

- Size (h x l) []

Colour []

Operation

- Type Automatic; electro-mechanical, bottom track
Automatic; electro-mechanical, overhead track
Automatic; electro-mechanical, trackless
Automatic; hydraulic, bottom track
Automatic; hydraulic, overhead track
Automatic; hydraulic, trackless
Manual

- Actuation/ Safety Not applicable - For manual operation.
Audible alarms
Dutyman actuators (electro-mechanical)
Flashing beacons
Gate back actuators (hydraulic)
Induction loop/ Vehicle detector loop system
Lasers
Manual release valve
Pedestrian guard rail, 2000 mm high - To prevent the gate closing on a person or vehicle.
Safety edge
Safety photocell
Signage
Surface mount trojan actuators (hydraulic)
Traffic light system
Ultrasonic sensors
Underground trojan actuators (hydraulic)

Access control ANPR - Automatic number plate recognition
Audio intercom
Digital keypad
GSM intercom
HMI - Human machine interface
Push buttons
VHF Radio control system

Gate

- Guide Overhead Gantry (Trackless)
Underground track

- Infill Bar
Bar and Weldmesh Infill
Ornate



	Palisade Perforated steel sheet Sheet Weldmesh Wooden clad gate
- Top protection	Not required Anti-climb rotating strip Anti-climb serrated edges
Accessories	[None] [100 mm diameter red/ green LED traffic light head with monitored safety circuit] [Biodegradable oil] [Control pedestal - dual height] [Control pedestal - HGV height] [Control pedestal - standard height] [Hydraulic oil] [Locking bolt] [Signage]