



'Rapide' Bi-Folding Speed Gate



Product Summary

Eagle is one of the UK's leading providers of PAS68 & IWA-14 tested gates, blockers and barriers with over 25 years experience of designing and delivering practical, cost effective and quality British solutions to thousands of organizations. The Eagle 'Rapide' Trackless Bi-Folding Speed Gate comprises a unique drive mechanism to control the opening and closing of a bi folding set of gates. This mechanism converts and controls both leaves producing a smooth but fast action. This unique design allows the gate to operate without the use of a bottom or top track, thus eliminating any height restrictions and large tracks in the road.

Operation

On activation, the gates open in a quick but safe folding action. The Eagle Bi-Folding Speed Gate is the ideal solution where site has high traffic flow or indeed security is a priority. The gates can integrate to any access control system, can be part of a security



'Rapide' Bi-Folding Speed Gate

network or operate stand alone. They are extremely robust with built in hydraulic locking and offer a lifetime running cost that makes it one of the best commercially viable gates you can install. The gates can be integrated to traffic management systems or Eagle can tailor a design to suit your requirements.

Main Features

- Fully compliant with Machinery Directive.
- Galvanized and powder coated finish.
- Heavy duty hydraulic ram with PLC controlled slowdown in both opening and closing movement.
- Hydraulic design, low maintenance with minimal moving parts.
- Smooth and quiet operation.
- Trackless design, no height restrictions and lower maintenance.
- Very secure with opening and closing in approximately 8 seconds.

Design Specification

- Clear Opening: Max 10000mm x 5000mm
- Posts: 400mm x 200mm.
- Infill: 25mm x 25mm RHS Nominal at 125mm centres
- Hinges: Heavy Duty with needle roller bearings and thrust bearings
- Finish: Hot dip galvanised to BS EN ISO 1461 and powder coated to BS EN13438 and BS EN 15773 to a standard RAL
- Drive: Hydraulic Cylinder & Hydraulic Pump
- Speed of Operation: Approx. 8 seconds
- Manual Override: Manual opening and lock open in event of power failure
- Power Failure: Fail Secure
- Control: Housed in Gate posts. No external cabinets

Controls

- PLC based control system
- Programmable inputs/outputs
- Inverter Speed Control
- CAT 3 Safety Controller
- Loop Detector
- Supply required: 240V 16amp
- Loops: 2 off safety Loops recommended
- Photocells: Dual High and Low
- Safety Edges: CAT3 edges protect edges and fold
- Traffic lights
- Anti-tailgate
- Air lock
- Gate position output
- Timer
- Individual Leaf Control



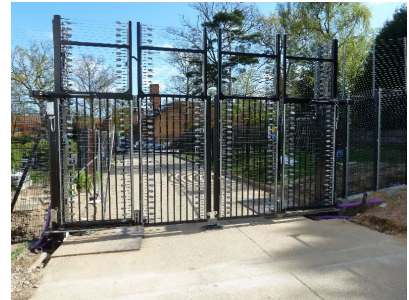
'Rapide' Bi-Folding Speed Gate



Example 3
Bi-Folding Speed Gate Aluminium Clad



Example 1
Bi-Folding Speed Gate (Top Chain)



Example 2
Bi-Folding Speed Gate (Rack and Pinion)