



Eagle Automation Systems Ltd

Gate & Barrier Automation, Access Control, Roller Shutters, CCTV & Maintenance Contracts

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EAGSG001 Trackless Speed Gate (Patent Pending)



Summary

The Eagle 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.

The gates are manufactured from 50x50 mm box section with 25mm bars spaced at approx 100mm intervals.

They are installed on 400 x 200mm square posts and can provide as standard for an opening of 6m. The controls are built into the posts allowing quick installation and added security.

The gate leaves are hung on heavy duty hinges incorporating sealed bearings for smooth and long life operation.

Typically the height of the gate is 2.2m but with our in house design team a system can be designed unique to your requirements.

Systems come with the option of various safety systems and manual release in the event of power failure.

The Company

Eagle Automation Systems is a market leader in the supply and installation of gates for the commercial sector. Built on a 20 year reputation of providing unique solutions the company has successfully installed and maintained security solutions for Banks, Hospitals, Schools and Councils.

Specification

Very secure with opening and closing in approx 7 seconds.

Power requirements 240v 20amp.

Controls housed inside the main posts

Heavy duty hydraulic ram with built in slowdown in both opening and closing movement producing smooth quiet operation.

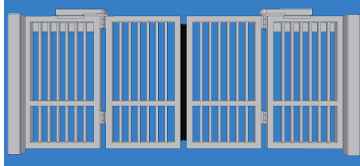
Posts 400mm x 200mm.

Frame 50mm. Galvanised and Powder Coated

Infill bars 25mm every 100mm.

Hinges comprising 25mm shaft with heavy duty sealed for life roller bearings.

Unique drive mechanism.(patent pending)



Standard Operation

Entrance:

On approaching the gates from the outside the vehicle will stop on or near the external safety loop.

Once clearance is given the gates are activated and open.

The gates will stay open until the internal safety is cleared

Exit:

On approaching the gates from the inside the vehicle will drive over the internal safety/exit loop.

The gates are activated and open

The gates will stay open until the external safety is cleared.

Safety Systems

All Eagle Installations are CE Marked and comply with the Machinery Directive and EN 12445.

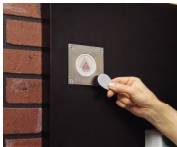
Leading edges are protected by electrical safety edges, which will reopen the gates if activated.

The threshold is protected by a 2 sets of safety photocells

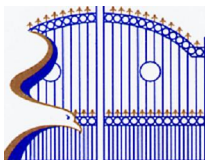
Option of Internal exit loop and safety photocells.

Option of external safety Loop.

Accessories



Complete access control solutions can be provided including bespoke PC based fob controlled systems and video entry. Traffic light solutions and parking control available. CCTV systems with digital recording and motion detection. BT based intercom solutions.



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