

Hostile Vehicle Mitigation

Following continuous investment in research, design and product development Eagle Automation successfully crash tested their Bi-Folding Speed Gate. The system produced truly outstanding results on its first ever test which were testament to the extensive pre-test stress calculations and CAD design involved in its development.

The Patent Applied for arrestor system utilizes a special fibre that went through pre-test stress calculations and a rigorous selection process.

As a result of the impressive design and test results Eagle were requested to test a N3 vehicle at 50mph. Once again the system produced outstanding market leading results with a penetration of 0.7 meters and zero debris.



PAS 68 Classification

MODEL PAS68 BFG040 Tested at 40mph

PAS 68 Rating: Crash Tested to 7.5T (N2) @ 40 mph:- PAS 68:2010 V/7500(N2)/64/90:0.8/0.0

MODEL PAS68 BFG050 Tested at 50mph

PAS 68 Rating: Crash Tested to 7.5T (N3) @ 50 mph:- PAS 68:2010 V/7500(N3)/80/90:0.7/0.0

KEY FEATURES

In January 2012 Eagle launched its PAS 68 Bi-Folding Trackless Speed Gate. The patent applied for design produced market leading results giving it the best penetration classification in its class.

With shallow foundation and extremely low penetration it provides a superb design engineered solution for protection against hostile vehicle mitigation.

- Patent Applied For Design
- Lowest penetration in its class at 40mph & 50mph
- Lowest debris in its class at 40mph & 50mph
- Shallow Foundation 380mm
- Integrated vehicle arrestor system



Eagle Automation Systems Ltd

Focused on Protection and Security

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riba
product
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Special Features and Benefits

ENGINEERED SOLUTIONS

Eagle Automation Ltd is one of the leading manufacturers of commercial security gates in the UK. Our market leading range of in house manufactured and designed bi-folding speed gates is now specified by some of the leading blue chip organisations in the country.

TECHNICAL SUPPORT

Our maintenance and service back up is second to none. Fully trained engineers with the latest equipment and maintenance software specifically written for the security gate industry ensure services are carried out on a regular and timely basis.

TURNKEY SOLUTIONS

For complete solutions including access control and interface to existing systems. Full CAD drawings provided.

For more information on any of our products or services please visit us on the



Eagle has a program of constant investment in research and development backed up by our experienced in house design engineers.

Eagle Automation has also successfully tested their PAS 68 Cantilever Sliding Gate. at 40mph and 50mph. Tested at 8.0m it is the widest clear opening ever tested to PAS 68:2010.

Designed to prevent hostile vehicle mitigation its flexible lightweight design means that it can be manufactured with different mesh infill to match existing perimeter fencing. Available as fully automated system or manual operation to suit client's specification.

Hydraulic driven power pack and locking system. PLC driven controls with programmable input/output facility enabling interface to any other system.



System Specification

- 240V 16A supply
- PLC design with frequency inverter speed control and encoder
- Hydraulic power pack with locking system
- Tested clear opening width of 4.2m and 2.2m height
- Bespoke gate design available
- Lightweight and cost effective

SERVICES AVAILABLE

Technical Support
Installation and Setup
Maintenance
Application Support
Hardware Support
Guaranteed Warranty

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