


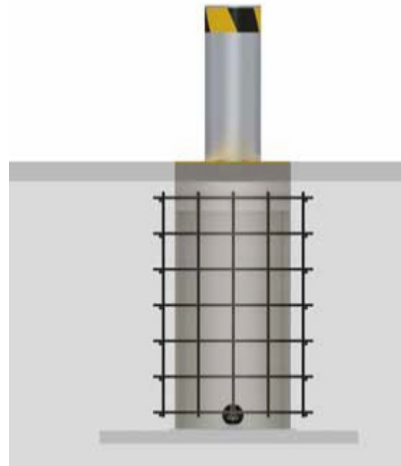
Terror Stopper Rising Bollards

Applications:

-  Industrial
-  Transport & Infrastructure
-  Utilities
-  Construction
-  High Security

Drawings:

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Features & Benefits:

- Successfully impact tested to PAS 68
- Hydraulically driven
- Fully functional after impacts
- Stainless Steel clad finish
- Designed for ease of installation and maintenance
- Instantly reversible, 100% duty rated motor
- Control cabinet recommended to be installed within 10 metres of unit
- Traffic light system

Description:

The Terror Stopper PAS 68 Automatic Crash Bollards are a retractable rising bollard system. Successfully crash and impact tested to stop a 7.5t vehicle travelling at speeds of up to 50mph. This counter terrorist bollard, hydraulically driven for reliability and strength. Successfully impact tested as single and dual unit systems. Both impacts resulted in the automatic rising bollards stopping the vehicle within the aperture and remaining fully functional.

Both static and rising bollards are required to be installed at 1.2 metres between the upright bollard faces to meet the PAS 69 guidelines. Manufactured with a stainless steel clad as standard, with optional painted powder coating. Fabricated from S355 structural steel plate which is a high-strength low-alloy European standard structural steel.

The retractable automatic crash bollards have an industrial hydraulic pump drive unit and are designed for ease of installation and maintenance. The system can be interfaced to any access control systems and a traffic light system is included as standard on all automatic bollard systems. These automatic bollards have been crash rated and tested to achieve BSI PAS 68:2010 V/7500[N2]/80/90:5.0/9.2.

Designed with a bollard lift height of 900mm and an overall diameter of 356mm. A nominal operating speed of 6-10 seconds (fast operation also available) and 100% duty rated. Finished in a stainless steel clad and also available with a wide range of options. Including; accumulator, fast operation, manual hand pump, high security cabinet and anti-tamper alarms. Additional safety options also include; vehicle detector loops, safety photocells, LED traffic light heads, flashing beacon and audible alarms.

Details:

PAS 68 Classification Code: V Bollard/7500[N2]/80/90:5.0/9.2

Lift Height: 900mm

Bollard Diameter: 356mm

Axle Loadings: 30 tons

Bollard Construction: S355 structural steel plate is a high-strength low-alloy European standard structural steel

Foundation: Type C

Finish: Stainless Steel clad

Options: Accumulator - allows a number of operations in power failure mode, EFO(Extra Fast Operation), Manual Hand pump, High Security Cabinet, Anti-tamper alarms

Safety: Vehicle Detector Loops, Safety Photocells, LED Traffic light heads, Flashing beacon, Audible alarm

Normal Operating Speed/Time: 6-10 seconds (Depending on configuration)

EFO Speed: Up to 3 second (Depending on configuration)

Duty Cycle: 100% duty rating

Durability: Fully functional after PAS 68 impact test

Controls: The programmable logic controller (PLC) with built in safety features will accept inputs from access control systems including access card, voice, etc. Push button as supplied as standard

Drawings:

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Technical Support

Should you require any help or assistance in your requirement please contact

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Turnkey Solutions

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