

Auto Bollard

Product Code: 3040-14

Key Features



Unobtrusive



Single or Multiple Bollards



Manufactured from Heavy Gauge Materials



Manual Hand Pump Facility



100% Duty Cycling



Programmable Logic Control System

Overview

Westminster's Auto Bollard provides a high level of security against unauthorised vehicle access without the need for an outwardly aggressive appearance.

A Hostile Vehicle Mitigation solution designed to withstand direct impact forces in excess of 1,800 KJ, the bollard provides protection from extreme Vehicle Borne Improvised Explosive Device attack to sites where aesthetics and public perception are a consideration.

Designed and manufactured by engineers with significant experience in the fields of high security and access control, the Auto Bollard is a highly dependable and yet unobtrusive security product that will easily interface with a wide range of control equipment.

Units are assembled in our fabrication facilities using heavy gauge materials to give maximum strength and durability. This makes the Auto Bollard an ideal product to provide low profile yet fully effective protection for high security establishments, iconic buildings and critical infrastructure.

The Auto Bollard is an electro-hydraulically operated bollard system with a 1000mm height when fully raised. Optional raised/lowered back indication signalling can be provided to enable remote monitoring of the bollard status on a real time basis.

The hydraulic power pack is controlled by a programmable logic controller. The HPU can provide outputs for a number of bollards for simultaneous operation. In the event of power failure a manual pump is provided to ensure operator control is maintained.



Features

Multiple testing (single bollard / multiple bollards)

Physically impact tested to PAS 68 criteria

Unobtrusive appearance

Manufactured from heavy gauge materials

Manual hand pump facility

Programmable logic control system

100% duty cycling

Specification

Physical Dimensions	<p>HPU Cabinet - 640/940mm W x 670mm D x 1300mm H</p> <p>Single Bollard - 610mm W x 610mm D x 2000mm H</p>
Basic Power Requirements	3-Phase 415V AC, 50Hz, 20 Amps (other voltages are available)
Control Voltage	S.E.L.V 24v
Performance	Loading 30 Tonnes
Impact Absorption	<p>Single-1852KJ (fully operational immediately after impact)</p> <p>Dual- 1852KJ (fully operational immediately after impact)</p>
Full PAS68 Classification	V/7500(N2)/80/90:0/25
Tested Model	990mmH x 322mm
Speed of Operation	6 second to raise or lower (other speeds available)
Operating Temperature Range Available	-25°C - +70°C
Construction	<p>The unit is comprised of a static sub-surface mounting tube and impact tube The supporting framework is constructed from fully welded, high strength, structural steel completely encased with steel sheets to provide a self-shuttered module. The 323.9mm (+/- 1%) diameter bollard is constructed using hi-tensile structural steel.</p>