



## AUTO BOLLARDS

# SB970CR Scimitar

Avon's SB970CR Scimitar Security Bollard is a PAS 68 impact tested bollard, that is hydraulically operated. It stands 1000mm in its fully raised position and retracts to road level to allow authorised vehicles access. It can be integrated with our other PAS 68 or IWA 14-1 static bollards to create a cohesive protective perimeter around an area or building.

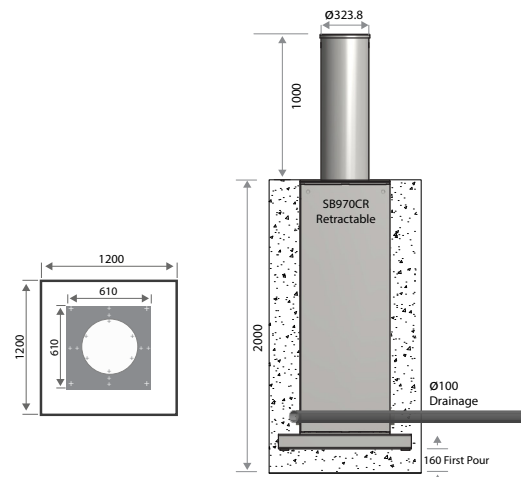
A Hostile Vehicle Mitigation (HVM) solution designed to withstand direct impact forces in excess of 1,800 KJ, the bollard provides protection from extreme Vehicle Borne Improvised Explosive Device (VBIED) attack to sites where aesthetics and public perception are a consideration.

The automatic bollard comes with a push button control and is painted black with a yellow reflective band as standard but optional decorative sleeves are available and LED lights can be incorporated into the top of the bollard for illumination.



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# PRODUCT SPECIFICATION



## FEATURES

- » Multiple testing (single bollard / multiple bollards)
- » Unobtrusive appearance
- » Physically impact tested to PAS 68 criteria
- » Manufactured from heavy gauge materials
- » Manual hand pump facility
- » Programmable logic control system
- » 100% duty cycling

## BENEFITS

- » Comprehensive understanding of attack resistance and confidence in individual bollard performance
- » Aesthetically acceptable
- » Ease of installation
- » Confidence in proven performance
- » Strong and durable
- » Operational under power failure conditions
- » Flexibility to interface with all forms of access control
- » Reliable and dependable

<b>Physical Dimensions of Single Bollard:</b>	W - 610mm   D - 610mm   H - 2000mm
<b>Physical Dimensions of HPU Cabinet (Single):</b>	W - 640/940mm   D - 670mm   H - 1300mm
<b>Raised Height of Bollard:</b>	1000mm
<b>Basic Power Requirements:</b>	3-Phase 415v AC, 50Hz, 20 Amps (other voltages are available)
<b>Control Voltage:</b>	S.E.L.V 24v
<b>Performance:</b>	Loading 30 Tonnes
<b>Impact Absorption:</b>	Single SB970CR -1852KJ (fully operational immediately after impact) Dual SB970CR - 1852KJ (fully operational immediately after impact)
<b>Full PAS 68 Classification:</b>	V/7500(N2)/80/90:0/25
<b>Tested Model:</b>	H - 990mm x W 323.9mm (+/-1%)
<b>Speed of Operation:</b>	6 Seconds to raise or lower
<b>Operating temperature range available (option):</b>	-25°C - +70°C

## OPTIONS AVAILABLE

- » Traffic lights and back-indication systems
- » Integrated LED Lighting in sleeve
- » Emergency buttons with lock down
- » Inductive loop systems
- » Access and intercom systems
- » Interlocking systems to give air-lock type protection on sites for higher threat levels
- » Decorative sleeves (stainless steel)
- » UPS backup for the electrical system
- » LPS 1175 cabinets available for HPU