



## ROAD BLOCKER

# RB780CR Chieftain

### **Avon RB780CR Chieftain High Security Road Blocker**

designed to withstand direct impact forces in excess of 1,852 KJ, the RB780CR road blocker is a Hostile Vehicle Mitigation (HVM) solution providing protection to sites from extreme Vehicle Borne Improvised Explosive Device (VBIED) attack.

It has been independently, structurally evaluated by the Transport Research Laboratory (TRL) and has also been physically tested in a number of full scale crash tests conducted in accordance with PAS 68 by the Motor Industry Research Association (Horiba MIRA).

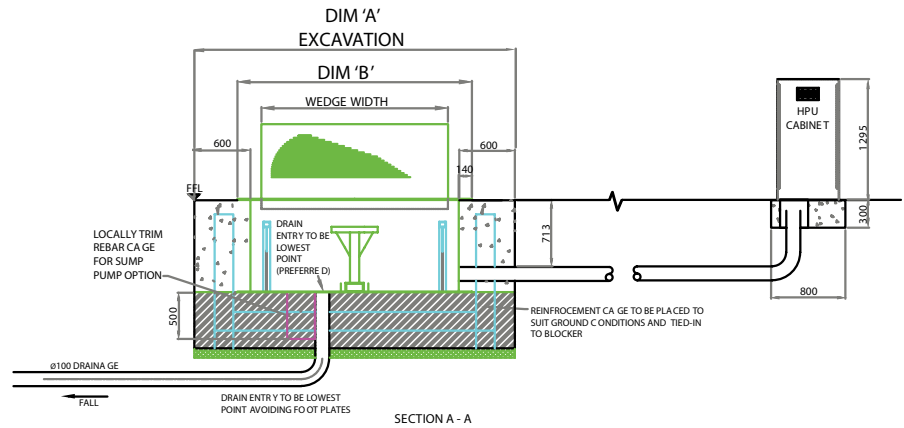
The RB780CR is an electro-hydraulically operated blocking system with segment widths available from 2m to 6m (in 500mm increments) and 800mm height when fully raised.



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# PRODUCT SPECIFICATION

RB780CR CHIEFTAIN ROAD BLOCKER WIDTH OPTIONS		
WEDGE WIDTH	DIM 'A'	DIM 'B'
2M	3430	2510
2.5M	3930	3010
3M	4430	3510
3.5M	4930	4010
4M	5430	4510
4.5M	5930	5010
5M	6430	5510
5.5M	6930	6010
6M	7430	6510



## FEATURES

- » Multiple testing (5 different / independent physical tests)
- » Independently structurally evaluated
- » Physically impact tested to PAS 68 criteria
- » Manufactured from heavy gauge materials
- » Manual hand pump facility
- » Programmable logic control system
- » 100% duty cycling
- » Fully clad base

## BENEFITS

- » Comprehensive understanding of attack resistance
- » Protection from multi-direction impact approach
- » Confidence in proven performance
- » Strong and durable
- » Operational under power failure conditions
- » Flexibility to interface with all forms of access control
- » Reliable and dependable
- » Simple to install

### Physical Dimensions of 2m Road Blocker (Single):

W - 2510mm | D - 1770mm | H - 1000mm

### Physical Dimensions of HPU Cabinet (Single):

W - 640/940mm | D - 670mm | H - 1300mm

### Basic Power Requirements:

3-Phase 415v AC, 50Hz,  
(other voltages are available)

### Control Voltage:

S.E.L.V 24v

### Performance:

Loading 30 Tonnes

### PAS 68 Classification:

V/7500(N2)/80/90:0/17  
(fully operational immediately after impact)

### Tested Model:

800mmHx2.0mW

### Speed of Operation:

6 Seconds to raise or lower  
(other speeds available)

### Emergency Fast Operation (EFO) (option):

<1.5 seconds to raise

### Operating temperature ranges available (option):

-25°C - +70°C

## OPTIONS AVAILABLE

- » Emergency fast raise system
- » Emergency buttons with lock down
- » LPS 1175 cabinets available for HPU
- » Access and intercom systems
- » UPS backup for the electrical system
- » Alternative operating temperatures & environments
- » Interlocking systems to give air-lock type protection on sites with higher threat levels
- » Inductive loop systems
- » Traffic lights and back-indications systems
- » Integral inset warning lights in blocking segment
- » Accumulator systems (fail secure) for hydraulic operation in power failure conditions



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Avon Barrier reserve the right to change or amend the specification of its products.  
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