



ROAD BLOCKER

RB700 Road Blocker

The Avon RB700 Road Blocker comes in a variety of widths to suit specific site requirements, with a blocking segment height of 700mm and provides an effective method of securely controlling vehicle access to restricted areas.

The blocker is constructed from heavy welded steel section to provide sufficient strength to excess British axel loads.

The heavy duty durbar top plate is coated with safety markings, with removable access covers to enable efficient installation and servicing.

The blocker is operated by a hydraulic ram with the power unit (HPU) positioned locally within an external cabinet. The blocker mechanism is encased in sheet steel enclosure and have access points for onward connection to ducting for hydraulic hoses and control cables.

On installation the entire enclosure is encased by concrete with construction being subject to site ground conditions.

The power requirement is dependent upon the duty cycling requirement, number and size of blockers to be driven by the powerpack.

The blocker comes with a push-button control as standard, however it can be customised to interface with a wide range of access control equipment to suit specific customer requirements (available as options) and many configurations included (but not limited to) inductive loop systems, card readers, communication equipment and manned guard emergency systems can be accommodated.

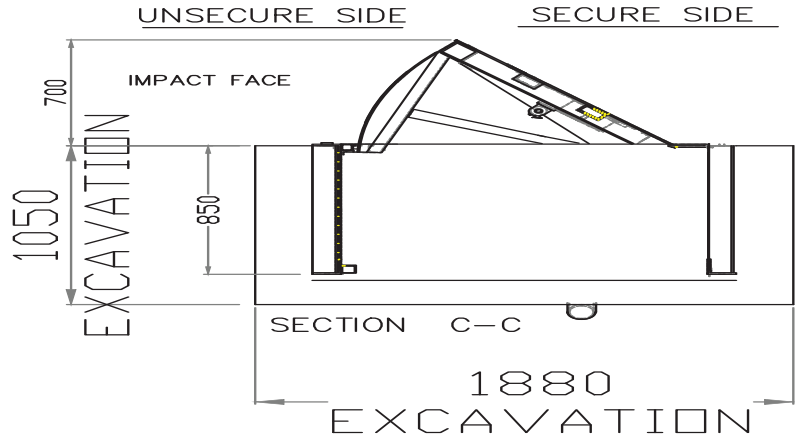
For safety reasons pedestrians, cyclists and motorcycles are advised not to use a blocker controlled roadway, additional safety measures



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PRODUCT SPECIFICATION

RB700 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



FEATURES

- » 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 - 2130mm D - 1100mm H - 1160mm (700mm H Raised)
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 20 Tonnes
Construction	The supporting framework is constructed from fully welded, heavy gauge structural steels completely encased with steel sheets to provide a shelf-shuttered module. Sub-surface fixing points ensure the blocker is completely secured to its foundation.
Operating temperature range available:	-25 - +70
Speed of Operation:	6 - 8 Seconds to raise or lower (other speeds available)

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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