

# Avon 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 area.

The blocker is constructed from heavy welded steel section to provide sufficient strength to exceed british axle 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 externally rated cabinet. The blocker mechanism is encased in a sheet steel enclosure and has 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 power pack.

### **Features**

Vandle resistant
Complies with BS6571 Part 4
High quality coating system
Manual hand pump facility
3 Phase 50Hz supply 415V

### **Benefits**

- Reliability
- 🚯 Durability
- Service spares
- Ease of installation
- Manual operation in the event of power failure

Vehicle Access Solutions

## **Technical Specification RB700 Road Blocker**



WEDGE WIDTH	DIM 'A'	DIM 'B'
2M	2810	2410
2.5M	3310	2910
3M	3810	3410
3.5M	4310	3910
4M	4810	4410
4.5M	5310	4910
5M	5810	5410





### **Technical Details**

Physical Dimensions:	2m Road Blocker - 2130mm Wx 1100mm D x 1160mm H (700mm H raised)	
Basic Power Requirements:	3-Phase 415VAC, 50Hz 20 Amps (other voltages are available)	
Control Voltage:	S.E.L.V 24v	
Performance:	Loading 20 Tonnes	
Speed of Operation:	6-8 Seconds to raise or lower	
Operating temperature range available:	-25°C - +70°C	
Construction:	The supporting framework is constructed from fully welded, heavy gauge structural steels completely encased with steel sheets to provide a self-shuttered module. Sub-surface fixing points ensure the blocker is completely secured to its foundation.	

#### **Options Available**

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 any configuration including (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 can be incorporated into the blocker system if required. Where the road blocker control point is remote from the installation, we strongly recommend the fitting of a recordable CCTV system, traffic lights and safety inductive loop systems.

- Access control and intercom systems
- Emergency buttons with lock down
- UPS backup for the electrical system



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Stop / No Entry warning signs

Accumulator systems for hydraulic operation in power failure conditions

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- Inductive loop systems
- Traffic lights and back-indications systems
- Integral inset warning lights in blocking segment

Avon Barrier reserve the right to change or amend the specification of its products from time to time in furtherance of its policy of continued improvements. Ref Avon RB700 Road Blocker version 2 7\_14



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