

ROAD BLOCKER

RB880CR Defender

The **RB880CR Defender Road Blocker** offers a high level of protection where deeper foundations are not possible / practical. The shallow foundation blocker has a 1000mm high blocking segment and can withstand direct impact forces of 1,852 KJ, providing shallow mounted protection to sites from extreme Vehicle Borne Improvised Explosive Device (VBIED) attack.

The RB880CR Road Blocker has been independently physically tested in a number of full scale crash tests conducted in accordance with PAS 68 by the Transport Research Laboratory (TRL).

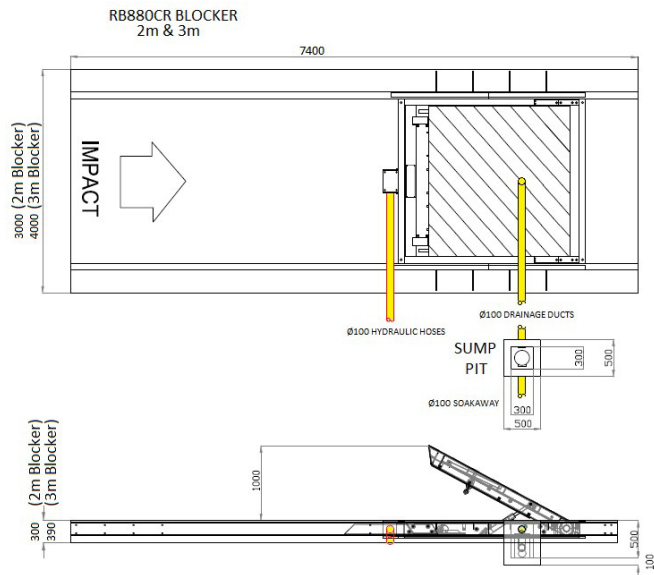
The RB880CR is an electro-hydraulically operated blocking system with a standard segment width of 2m or 3m.

The blocker can also be fitted with an optional debris protection skirt.



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PRODUCT SPECIFICATION



FEATURES

- » Multiple testing (4 different independent tests)
- » Road blockers shallow foundation / mounting from 300mm overall depth
- » 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
- » Overcomes site depth restrictions
- » Confidence in proven performance
- » Strong and durable
- » Operational under power failure conditions
- » Flexibility to interface with all forms of access control
- » Reliable and dependable

Physical Dimensions of Road Blocker (Single):	(2m) W - 2520mm D - 2210mm H - 240mm (3m) W - 2520mm D - 3210mm H - 320mm
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
Impact Absorption	1852KJ (fully operational immediately after impact)
Full PAS 68 Classification:	V/7500(N2)/48/90:0/0 & V/7500(N2)/80/90:0/0
Tested Model:	1m H x 2m W
Speed of Operation:	6 Seconds to raise or lower
Emergency Fast Operation (EFO) (option):	<1.5 second to raise
Operating temperature range available (option):	-25°C - +70°C

OPTIONS AVAILABLE

- » Debris protection skirt
- » 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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