

The high security anti terrorist
Bavak Crash Rated RB650STHH – 3000

The crash rated Road Bocker is the ultimate Roadblocker system of Bavak. It provides high security protection for a range of applications, to combat today's increasing threats.

Bavak Crash Rated Road Blocker RB650STHH - 3000



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- PLC control unit
- Optional E.F.O.
- Height is 3000mm
- Width is 3000mm
- Hydraulic operated
- Hot dip galvanized to BS EN ISO 1461

The Bavak Security Group has 25 years of experience in Road Blocking technology.

The Bavak Road Blocker® is crash rated by an independent testing agency to withstand high impacts and still operate, therefore maintaining security at all times.

The first company worldwide to achieve this new rating. The crash rated Road Blockers from Bavak have a final raise height of 850mm.



With no vehicle penetration, the Road Blocker was still fully functional after impact. The Road Blocker comprises of a hydraulically powered reinforced steel barrier which lies flush to the road surface when at rest. When raised it provides a formidable barrier against potential attack.



All fabrications are undertaken "in-house" therefore manufacture can be to exact requirements. The crash rated system is 3 meters wide x 650mm. The Road Blocker can be quickly and easily operated by a site's security personnel or by individual drivers through a choice of access systems.

The Road Blocker can be fitted with an accumulator and push button for (E.F.O.) Emergency Fast Operation if required.



SECURITY GROUP

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Technical specification **Bavak Crash Rated Road Blocker**

Product description	: High Secure Crash Rated Road Blocker
Crash Rating	: 6.8 tonnes @ 64 kph
Axle Weight	: 20 tonnes (test certificate)
Materials	: Framework: 10mm steel plate reinforced with steel sections to evenly distribute impact offering unparalleled strength. Welded in accordance with BS4872. Metal outer box sealed into concrete pit Radius reinforced throughout Additional reinforcement on internal wedge. 6mm steel sections Increased concrete anchorage points to secure wedge in the event of high impact. Unique internal locking bars to retain wedge and ensure system remains operational after high impact. Cabinet: 900mm wide x 1200mm high x 600mm deep manufactured from 3mm zintec sheet Locking devise: Cabinets are fitted with a high security integral lock
Finish	: Hot dip galvanised to BS 1461. Etch primed and painted black and yellow (alternative colours available)
Height	: 650mm (final raised height of 850mm)
Width	: 3000mm (example, a 3000mm Blocker will secure an opening of 5800mm)
Function	: Passage in both directions electronically controllable by Mitsubishi PLC logic controls
Mechanism	: The Road Blocker is operated via a heavy duty hydraulic power pack. Motor size: 2.2 KW Immersed pump. Extra heavy duty solenoid valves for reliability and safety in operation. Approximate running pressure 25 bar. Approximate maximum running pressure 100 bar.
Power failure	: option of remaining raised or lowering in the event of a power failure
Fire alarm	: connection to fire alarm – option available to automatically lower in event of fire alarm signal
Interface	: can interface with all access control systems
Duty Cycle	: 100%
Operating speed	: 5 seconds
E.F.O.	: an accumulator can be offered to increase operating speed
Power supply	: to suit application
Power rating	: 2.5 KW
PLC Control Voltage	: 110 VAC
PLC logic voltage	: 24 VDC
Delivery	: the crash rated Road Blocker range is delivered in two elements – Road Blocker and Cabinet
Standard accessories	: Traffic Lights, Card system, fobs, transponder, transmitter, keypad, cash/coin acceptors, touch card, push button etc.
Safety/Security	: option of loops and photo beam for extra high security automated systems. As standard each unit is supplied with security cover to prevent unauthorised access to hydraulic systems.