

Road Blocker KRB1
Road Traffic Vehicle Road Blocker

Technical Specification

- Drive:** Motorised
- Materials:** Framework 10mm steel plate reinforced with RHS steel sections to evenly distribute impact offering unparalleled strength.
Welded in accordance with BS EN287 (288) BS4872
Designed to take an axle weight of 20 tonnes (Test Cert)
- Cabinet 900mm wide x 1200mm high x 600mm deep
- Finish:** Hot dip galvanised to BS 1461
Etch primed and painted black and yellow bands
- Height:** 340mm, 540mm, 650mm, 800mm
- Width:** 1000mm - 4000mm
For example, a 2000mm blocker will secure an opening of 4200mm
Alternative widths available on request.
- Function:** Passage in both directions, electronically controllable.
- Mechanism:** The Road Blocker is operated via a heavy duty electro-hydraulic Power pack
Motor size ranges from 1.1KW - 3.0KW
Immersed pump with an approx running pressure of 80-100 bar
Extra heavy duty solenoid valves (24V DC) for reliability and safety in Operation
- Power Failure:** In the event of a power failure the blocker may be configured to fail secure (raised position) or fail safe (lowered position). If fail secure is chosen, a manual override is fitted as standard to allow the blocker to be fully lowered to allow access.
- Fire Alarm:** Input facility available for 0V contact supplied by others to effect the fail state.
- Interface:** The Blocker is controlled via a programmable logic controller. The controller can be interfaced with the following as standard;
- 0V access control systems
 - 0V remote operation
 - 0V emergency signal
 - Road induction loops
- Duty Cycle:** 100%
- Operating Speed:** 2 - 5 seconds
- Power Supply:** 240V, 50Hz, 1Ph or 415V, 50Hz, 3Ph.
- Power Rating:** 1Ph rated at 16amp or 3Ph rated at 10 amp
- Logic Voltage:** 24V DC
- Delivery:** The Road Blocker range is delivered in two elements, the blocker framework and control housing, both of which require lifting gear for off loading.



Product Description

Gunnebo Mayor vehicle Road Blockers are designed for continuous use in situations where it is imperative that unauthorised vehicles are stopped or where barriers do not provide a high enough deterrent.

Users include

- BBC
- Xerox
- Astra Zeneca
- Tate & Lyle
- NCM
- Yorkshire Water



Models Available

Electrically Controlled Vehicle Blocker:

- 340mm lift Ideal for traffic control and limitation of vandalism.
- 540mm & 650mm lift Designed for use in high security areas.
- 800mm lift Recommended for military and very high security establishments

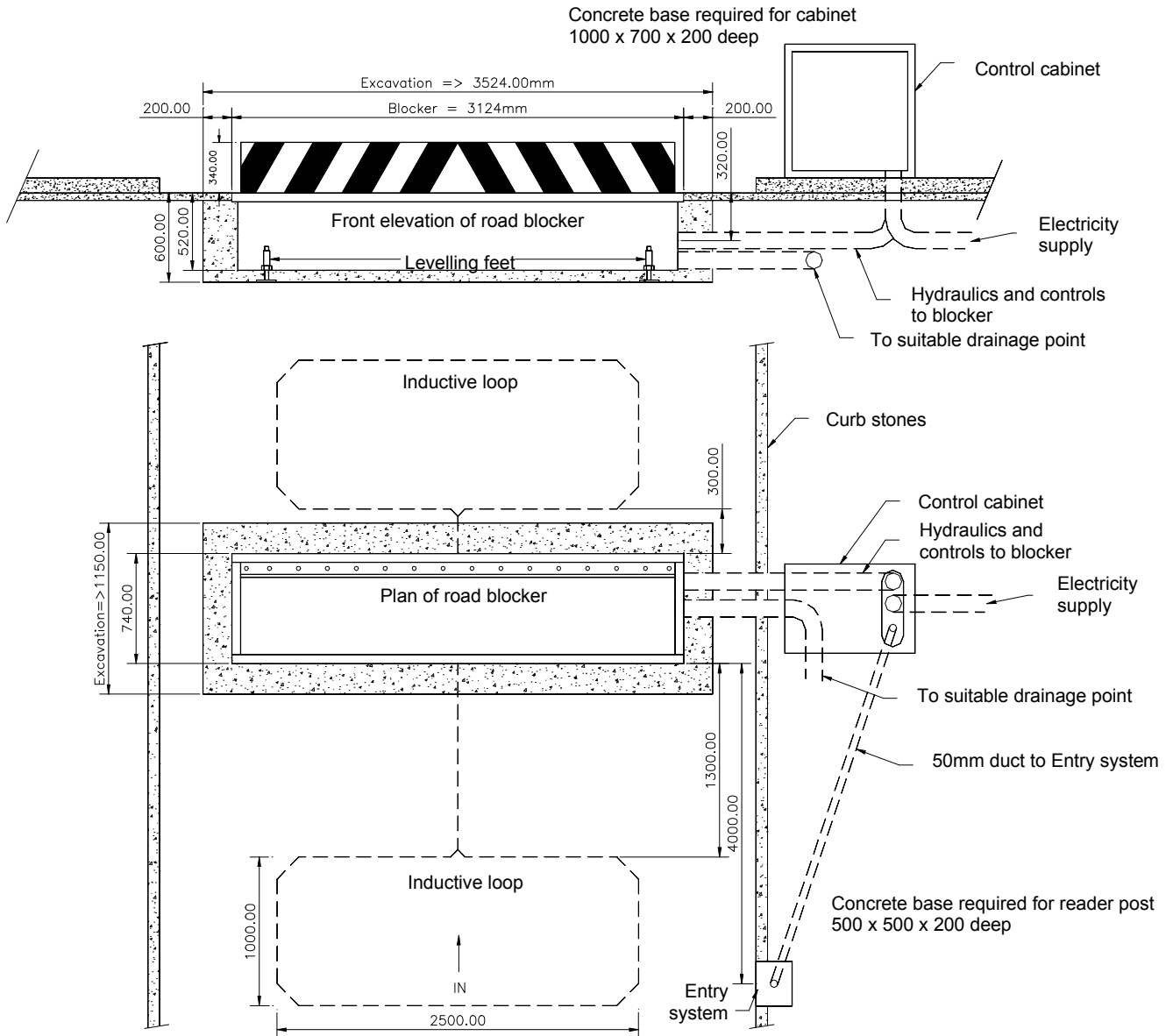
Standard Accessories and Optional Extras

- Remote Push Button Console
- Free entry or free exit roadway induction loops
- Safety roadway induction loop installed either side of Blocker
- Card reader pedestals (Card readers customer supplied)
- Intercom pedestals (Intercom customer supplied)
- Red Green traffic lights.

Installation Example



Site Preparation Road Blocker KRB1



Safety Note

- The majority of installations use a system of induction loops for safety and/or activating the opening and closing of the blocker. They identify a change in the magnetic field of the loop circuit when a metallic presence is detected, however with modern vehicle construction it is not always possible to detect their presence. It is therefore recommended that additional safety must be considered for lorries, motor bikes and trailers etc.

Please consult Gunnebo Mayor Technical Department for further assistance.

- It is always recommended that traffic safety lights and warning signs are used in conjunction with the blocker. The traffic lights are a true indication to the user that the blocker has fully lowered and is therefore safe to proceed

GUNNEBO MAYOR

ENTRANCE CONTROL SOLUTIONS

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Note: In pursuit of its policy of continuous refinement and improvement, Gunnebo Mayor Inc. reserves the right to modify design and details.

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