



MINI VIPER SURFACE MOUNT ROADBLOCKER



The Mini Viper is a surface mount, anti vandal system, offering a flexible security solution for locations where excavation is not possible e.g an underground car park. The product is also ideal for temporary installations in areas where a permanent fixture is not required. Designed, manufactured and installed by Heald, the Mini Viper is an innovative roadblocker, presenting high reliability and easy installation. The product can be bolted directly to the ground's surface or flush mounted with only 110 mm excavation.

The Mini Viper's blocking element stands at 340 mm when raised, however other heights are available. The product can be used for many purposes, ranging from simple traffic control to acting as an imposing security barrier, deterring potential attackers. Custom colour options are available to ensure full integration with site architecture and surroundings.

Raised and lowered by a remote push-button control system, the Mini Viper is also operational with Heald's Hydra control and monitoring system which offers unprecedented levels of interaction through a simple, streamlined interface. It can also be supplied with an EFO (Emergency Fast Operation) system where required.

The Mini Viper is fitted with a steel skirt which provides additional safety and ensures minimal debris build up. The product is hot-dip galvanised to guarantee durability and performance. The Mini Viper can also be used in conjunction with LED traffic lights, safety loops and a safety photo beam.



Due to a continuous program of development Heald reserve the right to change specifications at any time.



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Axle Loadings	12 tonne (120 kN)
Raised Height	340 mm - 450 mm
Width	Various widths available
Foundation Depth	Surface mounted or 110 mm excavation depth
Composition	Steel plate reinforced to evenly distribute any impact giving unparalleled strength. Welding in accordance with BS 4872-1:1982 Roadblocker movement has hard steel lock to resist impact during collision.
Motor	0.25 KW motor Electro-hydraulic pump Extra Heavy duty solenoid valves (24 V DC) for reliability in operation Manual release and hand pump Includes protective cover for hydraulic unit
Power	415 V 3 phase or 230 V single phase or 50 Hz Alternatively, power can be supplied to suit customer requirements.
PLC Control Voltage	24V DC
Options	Vehicle ramps and handrails, photocells, large size LED traffic light, Emergency fast operation (EFO) and Hydra Control
Normal Raise Speed	2 - 3 seconds approx
Control Panel	Can be placed as required.
Duty Cycle	100% rated.
Finish	Galvanised then primed and painted black and yellow. Other colours available on request.
Cabinet	Cabinet size dependant on specific product and site requirements. Finished in white (alternative colours available on request).
Sitework	Unique design does not require steel reinforcement of concrete for fitting No pre-cast pit required. Various levels of installation service available. Please contact Heald for further details. Detailed drawings, technical guidance and full maintenance offered.