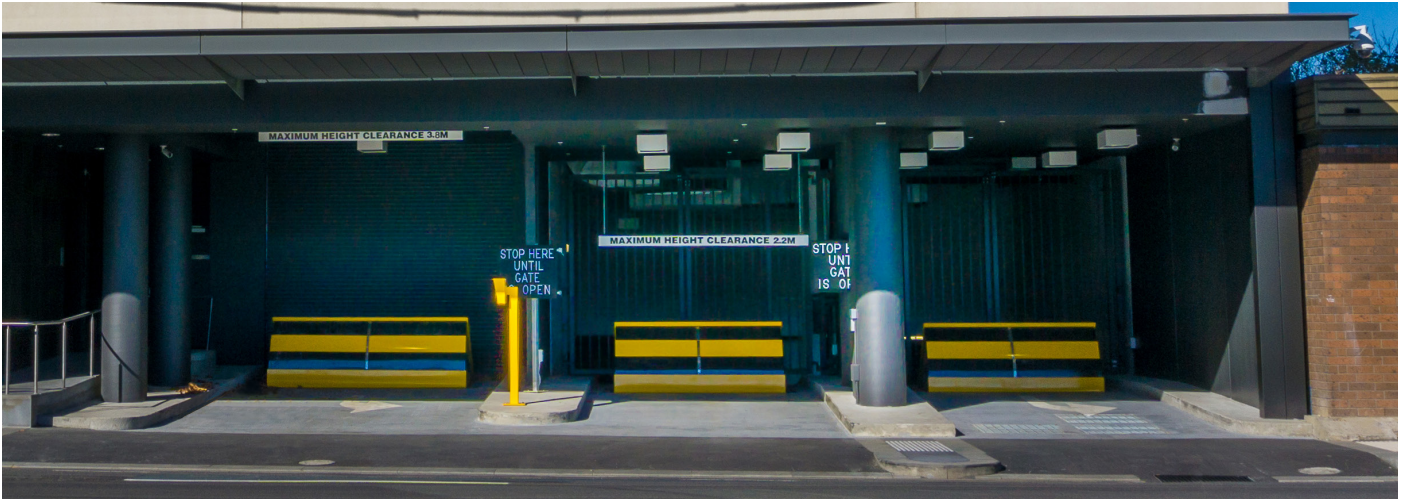


# HT1-VIPER

## SHALLOW MOUNT ROAD BLOCKER



Heald's HT1-Viper offers PAS68 and ASTM tested security in an imposing shallow mount solution. Not only will it halt a 7.5 tonne truck travelling at a speed of 80 kph and continue to function afterwards, it also requires an excavation depth of just 400 mm.

Available in a range of widths, the Viper stands 1050 mm tall when fully raised. It is controlled by a simple push button interface, and is also compatible with Heald's Hydra control and monitoring system which allows for more complex user interaction with the Viper. It can be supplied with an EFO (Emergency Fast Operation) system where required. Unlike many other products on the market, the Viper uses a clever linkage to open and close; not only does this provide much smoother, quieter operation than chain driven blockers, it also protects the potentially vulnerable hydraulic ram during impact.

The Viper has been tested by MIRA to both PAS68 and ASTM standards. Its PAS68 rating is PAS 68:2010 V/7500[N3]/80/90: 0 /24.6 and its ASTM rating is ASTM 2656-07 M50:P1.

Raised and lowered remotely by a push button interface the Viper is also available with Heald's Hydra control and monitoring system, which allows for more detailed interaction with the unit than any other system currently on the market. It can also be supplied with an EFO (Emergency Fast Operation) system where required.

### Installation and Integration

Despite its PAS68 and ASTM tested security, the HT1-Viper requires an excavation depth of just 400 mm. Its unique design means that no pre cast pit or additional rebar is required, ensuring that installation is as simple and efficient as possible.

The Viper will also require the installation of a control cabinet, detection loops and ducting to allow the unit to function and communicate. Our fitters will ensure that everything is installed both to our extremely high standards and to your satisfaction.

The Viper is designed to present an imposing barrier to any would-be attackers. Already a large structure, as standard it comes finished in bright yellow and black stripes for extremely high visibility.

It is intended for sites where high profile security is desired; if a more unobtrusive but still secure unit is required, our HT1-Matador or HT1-Raptor may be more appropriate. For the ultimate in security, our 30 tonne tested HT1-Commander is the only option.



# HT1-VIPER

## SHALLOW MOUNT ROAD BLOCKER



### Performance Rating

PAS 68:2010 V/7500[N3]/80/90:0.0/24.6  
ASTM 2656-07 M50:P1

### Axle Loadings

Will withstand any road vehicle (In-house test certificate).

### Raised Height

1050 mm

### Width

3 metres; will secure an opening of up to 5.4 metres  
2.5 metres and 4 metres also available.

### Composition

Skirt manufactured from specialist steel; 3 mm front and 5 mm sides, in four sections.  
Welding in accordance with BS 4872-1:1982.

### Motor

Spec dependant on site requirements and may be altered after consultation with client.  
Heavy duty motor.  
Immersed pump.  
Extra Heavy duty solenoid valves (24 V DC) for reliability in operation.  
Manual hand pump.  
30 litre tank.

### Power

415 V/3ph and neutral/50 Hz. Alternatively, power to suit customer requirements.

### PLC Control Voltage

24 V DC

### PLC Logic Voltage

24 V DC

### Options

Emergency Fast Operation (EFO)

### Normal Operating Speed

6 seconds approx

### EFO Speed

1.5 seconds approx

### 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.

### Product Code

2500 mm: HTR-VIP-A-2.5-80  
3000 mm: HTR-VIP-A-3.0-80  
4000 mm: HTR-VIP-A-4.0-80