

# IWA EVO BOLLARD

## CRASH TESTED BOLLARD



The unique design of the Hostile Vehicle Mitigation (HVM) bollard means it can be installed at a depth only slightly greater than the height of the actual bollard itself with no loss of protection.

THE IWA EVO BOLLARD CAN OPERATE WITH NO POWER SUPPLY!!

TESTED AS A SINGLE UNIT.

The one metre rising bollard requires an excavation depth of just 1.1 metres but is strong enough to stop a 7.2 tonne truck travelling at 64 kph (40 mph). That was what the HT1-Evolution achieved in the stringent new IWA crash test and it carried on working afterwards. The HT1-Evolution can also be operated with in an EFO (Emergency Fast Operation) where required.

Unusually, there is no central cylinder inside the rising bollard, contributing to its strength and durability. It is raised and lowered by incredibly strong belts and easily operated by a variety of methods including manually/battery drill/electro mechanical or hydraulically – You choose the method, all of these options are available with the new Heald Crash Tested 'Evolution' Bollard.

No deep excavation is required for the IWA EVO bollard and it has a very small footprint, installation requirements are only 1.4 metres x 1.4 metres x 1.1 metres deep

Where automatic operation is required the IWA EVO bollard is available with the usual variety of access control options including Heald's Hydra control and monitoring system which offers unprecedented levels of interaction through a simple streamlined interface and can also be accessed by mobile phone, tablet or computer.

The IWA EVO bollard is available with stylish bollard outer covers, in a range of colours or stainless steel to blend in with any environment, making it an ideal choice for locations where high security is needed but a low profile solution preferred.

The baseplate can also be supplied in a variety of finishes including Granite and Stone to blend in with the installation site, making the IWA EVO bollard ideal for Heritage and Stately Home surroundings as well as this we also have ultra-modern finishes that would look sleek in the Inner City or for any Corporate or Industrial Company.

All Heald products are available with a range of options and configurations. For more information, get in touch with our friendly, knowledgeable sales team via email or by calling +44 (0)1964 535858.

### Installation and Integration

Heald's EM Evolution bollard is ideal for sites where high security is required whilst offering more sympathetic integration with modern architecture. It is available in a range of colours and finishes, as well as with reflective strips for high visibility.

Where an even higher level of security barrier is required, or where deep excavation is not possible, our HT1-Raptor shallow mount bollard and HT1-Matador surface mount sliding bollard may be more suitable. Like all Heald automated products, Crash Tested Automatic Bollards can be supplied with our Hydra remote control and monitoring system.

### Performance Classification

IWA 7200kg 64kph 40mph  
Tested as a single unit.

### Raised Height

1000mm

### Bollard Diameter

273mm

### Normal Operating Speeds

6 second operation

### Power

3 phase / 1 phase / Manual

### Options

EFO (Emergency Fast Operation)  
LED lights available  
Battery back up generator

### Finish

Galvanised then primed and painted black with red reflective band. Alternative finishes and covers 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.

### Patent Application Number

GB1514970.1