



EVO BOLLARD

IWA 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 Evo bollard is the most resistant bollard of its type on the market due to its internal reinforcement which other bollards simply don't have.

The one metre rising bollard requires an excavation depth of just 1100 mm but is strong enough to stop a 7.2 tonne truck travelling at 64 kph (40 mph). That was what the Evo Bollard achieved in the stringent new IWA crash test and it carried on working afterwards.

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.

The EM (Electro Mechanical) Evo Bollard offers the same excellent standard as our automated Evo Bollard, but with added benefits, one being a reduced carbon and space footprint due to requiring on average, over 60% less electricity to operate.

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 Evo Bollard is available with stylish bollard outer covers, including the Architectural Paving System to blend with historic or contemporary architecture. Covers are available 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.

Heald's Evo bollard is also patent protected due to its unique design, meaning you will find nothing else like it on the market.



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Performance Rating	IWA14-1:2013 Bollard V/7200[N2A]/64/90:1.3
Bollard Diameter	273 mm
Raised Height	1000 mm
Foundation Depth	1100 mm
Power	415v/3 Phase (Hydraulic and if EFO is required) 230v/Single Phase (Electro Mechanical operation only) Or to suit country regulations
Operation	Electro Mechanical, Hydraulic or Manual
Options	LED lights available, battery back up generator, Hydra Control, Architectural Paving System and Cover options
Normal Raise Speed	3 - 4 seconds approx
Duty Cycle	100% rated.
Finish	Galvanised then primed and painted black with red reflective band. Alternative finishes and covers available on request.
Sitework	Bollard must be fitted level. 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	GB Application Number: GB1514970.1 International Patent Application: PCT/GB2016/000140 US Patent Number: US 10, 385, 528

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