

HEALD®

MANTIS ARRAY SHALLOW MOUNT BOLLARD



Heald's Mantis shallow mount static bollard is an evolution of our Raptor series. Offering high security combined with a rapid, low cost installation the Mantis is often preferable to deep mount static bollards. The Mantis is available with a range of stylish covers, finished in a variety of colours to suit any location. What's more its simple, effective installation means that it is extremely flexible; the Mantis can be installed in an arc, around corners, up and down slopes – virtually any location can be secured with Mantis bollards.

The Mantis Array was designed and tested for installs featuring multiple bollards and boasts a rating of IWA14-1: 2013 Bollard V/7200[N2A]/80/90:3.5. This means that it will halt a 7.2 tonne truck travelling at a speed of 80 kph with a penetration depth of just 3.5 m. It should be noted that the vehicle was completely disabled, with the Mantis capturing the engine block and front axle.

Installation and Integration

The Mantis Array requires a very shallow excavation depth of just 300 mm. This makes it perfect for situations in which a traditional deep mount bollard is impractical or impossible – for example locations with underlying cables or ducting – but where high levels of security are essential.

Installation is extremely quick and simple. Our fitters will excavate a pit, lower in the Mantis bollards and infill with concrete extremely quickly. The Mantis requires no additional rebar or reinforcing of the concrete pit. Our fitters will ensure that everything is installed both to our extremely high standards and to your satisfaction.

Performance Rating	IWA14-1: 2013 Bollard V/7200[N2A]/80/90:3.5
Foundation Depth	300 mm
Bollard Height	1112 mm
Bollard Width	190 mm (exc cover)
Composition	Sectioned mild steel Welding in accordance with BS 4872-1:1982. Manufacturing in accordance with BS 6571.
Finish	Galvanised and available with stylish stainless steel covers.
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.

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