



HT3-EM MATADOR N3C VEHICLE TEST



Heald's Electro Mechanical Matador is the latest addition to Heald's product range. The EM Matador is an award-winning, sliding bollard system which is operated electro mechanically and has many additional benefits.

The HT3-EM Matador has been dual crash tested to IWA 14-1 standards. The HT3-EM Matador was firstly crash tested to halt an 18 tonner N3C vehicle travelling at 64 kph (40 mph). After the impact, the HT3-EM Matador continued to function, offering on-going protection and ensuring emergency services have continued access. The HT3-EM Matador has also been IWA crash tested to halt a 7.2 tonne truck travelling at 50 mph (80 kph). In addition, this product holds a CPNI Vehicle Attack Delay Standard (VADS) rating.

Available with either four or six bollards, the EM Matador has many additional benefits including using 80% less electricity to operate, plus a smaller cabinet to house controls, meaning the EM Matador reduces the carbon and space footprint.

The HT3-EM Matador is supplied in two sections joined in the middle. This allows for easy handling procedures, shipping and also any road camber adjustments.

There is no need for hydraulic runs or large power units as this system runs off a single phase 13 AMP supply. The EM Matador can also operate from a generator where no power supply is available, or for temporary events management. The drive system is IP69 rated and is only 0.37 KWT, which is contained in the Matador base.

The new model has the ability to be surface mounted, or alternatively can be installed flush with a shallow foundation depth. The installation process is very quick, causing minimal disruption.



Chapman Brown Photography

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



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Crash Testing	IWA 14-1:2013 Bollard V/7200[N3C]/64/90:1.3 (N3C 18 tonner vehicle) IWA 14-1:2013 Bollard V/7200[N2A]/80/90:3.2
Bollard Height	1100 mm
Bollard Diameter	273 mm
Foundation Depth	Please refer to fitting drawings
Composition	Welding in accordance with BS 4872-1:1982. Manufacturing in accordance with BS 6571.
Options	LED Lighting, Architectural Paving System, specialist cover options, Hydra Control and trace heating
Normal Operating Speed	6 seconds approx
Duty Cycle	100% rated
Motor	0.37 KWT (1 per dynamic bollard)
Finish	Base shot blasted and applied with special hard wearing resin Top surface finished with anti-slip coating Bollards galvanised with stainless steel covers
Sitework	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.
Matador	© Heald Ltd 2010 Granted US Patent US9,315,956; Granted US Patent US10,119,230; Granted EP Patent EP2776631 (GB, FR, SE, NO, NL, IT, DE, TR)

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