



## HT2-EM MATADOR



Heald's Electro Mechanical Matador is the latest addition to Heald's product range. The HT2-EM Matador is an award-winning, sliding bollard system which is operated electro mechanically and has many additional benefits.

The HT2-Electro Mechanical Matador has been IWA crash tested to halt a 7.2 tonne truck travelling at 64 kph (40 mph). After the impact, the HT2-EM Matador continued to function, offering on-going protection and ensuring emergency services have continued access.

Available with either three or four bollards, the HT2-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.

There is no need for hydraulic runs or large power units as this system runs off a single phase 13 AMP supply. The HT2-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.



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



# HT2-EM MATADOR



|                        |                                                                                                                                                                                                    |
|------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Crash Testing          | IWA 14-1: 2013 Bollard V/7200[N2A]/64/90:0.1                                                                                                                                                       |
| Bollard Height         | 1100 mm                                                                                                                                                                                            |
| Foundation Depth       | Please refer to fitting drawings                                                                                                                                                                   |
| Base Dimensions        | 5315 mm length x 2140 mm depth x 155 mm height                                                                                                                                                     |
| Composition            | Welding in accordance with BS 4872-1:1982.<br>Manufacturing in accordance with BS 6571.                                                                                                            |
| Options                | Emergency Fast Operation (EFO), LED Lighting, Architectural Paving System, specialist cover options, Hydra Control and trace heating                                                               |
| Normal Operating Speed | 6 seconds approx                                                                                                                                                                                   |
| EFO Speed              | 2.5 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<br>Top surface finished with anti-slip coating<br>Bollards galvanised with stainless steel covers                                    |
| Sitework               | No pre-cast pit required.<br>Various levels of installation service available.<br>Please contact Heald for further details.<br>Detailed drawings, technical guidance and full maintenance offered. |
| Matador                | © Heald Ltd 2010<br>Granted US Patent US9,315,956;<br>Granted US Patent US10,119,230;<br>Granted EP Patent EP2776631 (GB, FR, SE, NO, NL, IT, DE, TR)                                              |

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