

HEALD

HT2-MATADOR 3 SURFACE MOUNT SOLUTION



Heald's HT2-Matador 3 has revolutionised the perimeter security industry. It offers an unmatched combination of IWA-14 tested security, automatic operation and surface mount installation. The Matador is the most resistant bollard of its type on the market due to its internal reinforcement which other bollards don't have. It is the only surface mount automatic sliding bollard system available to have been tested to halt a 7.2 tonne truck travelling at 64 kph. Not only did the Matador arrest the test vehicle with a zero penetration rating, it also continued to function following the impact with no repairs.

The Matador consists of two fixed bollards on a plate, with a single central sliding bollard. Heald's engineers have redesigned the system to offer not only enhanced security but also an even lower profile base plate and a reduction in visible moving parts. This makes it perfect for use in areas where constant pedestrian access is required.

Its surface mount installation is not only extremely fast and efficient, it also allows for fitting in areas where shallow mount is impossible; for example, where underground ducting runs extremely close to the surface. It can be installed with a minimum of disruption to the road surface, making it ideal for short term or temporary installations.

The Matador's bollard configuration allows constant pedestrian access even whilst it is closed, and its stylish stainless steel blocking elements make it perfect for locations where integration with modern architecture is essential.

As well as the Matador, Heald can also offer the Fixed Matador, which features three or more static bollards and offers surface mounted static PAS 68 security.



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

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**MADE IN
BRITAIN** 

Product Code
HTB-MAT3-A-64
Test Report No: N0092
Test Item: Heald Ltd Matador S3R
Sliding Bollard

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Performance Rating	IWA 14-1: 2013 Bollard V/7200[N2A]/64/90:0.1
Axle Loadings	Will withstand any road going vehicle (In-house test certificate). Axle weight 120 tonnes or more.
Bollard Height	1100 mm
Base Dimensions	3900 mm length x 2140 mm depth x 110 mm height
Opening Aperture	2575 mm
Foundation Depth	Surface mounted (240 mm if recessed)
Composition	Welding in accordance with BS 4872-1:1982. Manufacturing in accordance with BS 6571.
Mechanism	Special design and patent pending mechanism. Spec dependant on site requirements and may be altered after consultation with client. 3 kW motor; 4 kW with EFO function. Immersed pump (optional addition). Extra Heavy Duty solenoid valves for reliability and safety in operation.
Recommended Oil	HVI Grade 22
Power	415 V/3ph and neutral/50 Hz. Alternatively, power to suit customer requirements.
PLC Control Voltage	24 V DC
Options	Emergency Fast Operation (EFO), Architectural Paving System, specialist cover options, trace heating, battery backup, Hydra Control and LED lighting
Normal Operating Speed	5 - 6 seconds approx
EFO Speed	2 seconds approx
Duty Cycle	100% rated.
Finish	Base shot blasted and applied with special hard wearing resin. Top surface finished with anti-slip coating. Bollards galvanized with stainless steel covers. Optional cover plates to inset stone or granite on base to blend with surroundings
Cabinet	Cabinet size dependant on specific product and site requirements. Finished in white (alternative colours available on request).
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.

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