



# HEALD®

## HT2 MANUAL MATADOR

### Dynamic Bollard

#### Stainless Steel Covers

Available options:

Reflective Bands, Lights,  
Flat, Semi Domed or  
Angled tops

#### Bollard Height

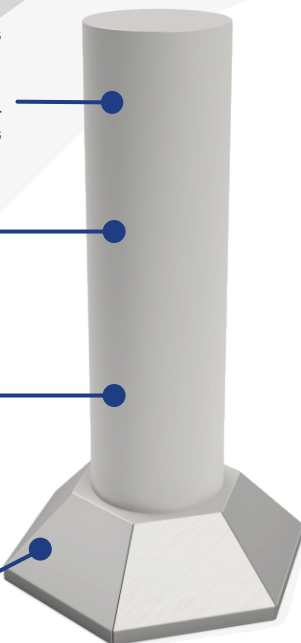
1030mm (Bollard core)  
1050mm (Inc. standard  
cover)

#### Bollard Diameter

219mm (Bollard core)  
254mm (Inc. standard  
cover)

#### Skirts

Hex skirt shown  
Round skirt available



Heald's Manual Matador is the world's first award-winning sliding bollard system. The HT2 model is ideal for high security sites as it has been tested to an impact speed of 64kph (40mph).

The Matador is available in a range of configurations including one, two, three, or four moving bollards with additional fixed bollards that can be bolted onto the Matador to provide protection for an opening of any size.

The dynamic bollards slide diagonally across the Matador base, halting directly behind the static bollards. This provides the maximum opening aperture, whilst maintaining a continuous bollard line (when closed). The advantage to this motion is that the bollards remain visible to all users and pedestrians during operation.

The Matador provides maximum security as a temporary or permanent solution.

### Crash Test Results

Tested at 64kph(40mph)

Continued Operation After Impact.

Classification

HT2

IWA14-1:2013 Bollard V/7200[N2A]/64/90:0.1 (Matador 3)

PAS 68:2013 Bollard V/7500[N2]/64/90:0.7/0.0 (Matador 6)

NPSA Vehicle Attack Delay Rating Standard (VADS) Rating



### Operation

A manually operated system which is perfect for locations where no power is available.

Manually operated, providing advantages over mechanically operated products such as,

- Environmentally Friendly (reduced carbon footprint)
- No Cabinet
- No Hydraulic oil
- No Power Requirements

### Safety Features Available

N/A.

### Operating Speeds

Matador 3/4: 30 seconds per Bollard approx

Matador 5/6: 30 seconds Per Bollard approx

### Options

Architectural Paving System (80mm/110mm), Ramps, Handrails.

**NPSA rated product: Approved for UK Government use, for details contact NPSA.**

### Please contact for further details:

01964 535858

[www.heald.uk.com](http://www.heald.uk.com)

[sales@heald.uk.com](mailto:sales@heald.uk.com)

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Granted US Patent US9,315,956;

Granted US Patent US10,119,230;

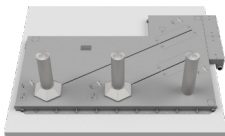
Granted EP Patent EP2776631

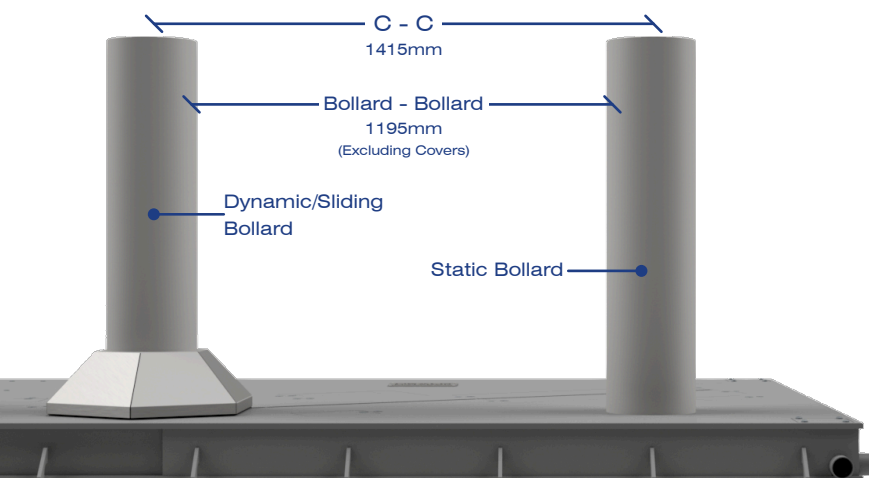
(GB, FR, SE, NO, NL, IT, DE, TR)



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## HT2 MANUAL MATADOR CONFIGURATIONS

<b>Matador 3</b>	Consists of 2 static bollards with a single central sliding bollard, creating an opening of 2610mm approx. Right Hand version shown, Left Hand version available.	
<b>Matador 3 (2DB)</b>	Consists of 1 static bollard with 2 sliding bollards, creating an opening of 4030mm approx. Right Hand version shown, Left Hand version available.	
<b>Matador 4</b>	Consists of 2 static bollards with 2 central sliding bollards, creating an opening of 4025mm approx.	
<b>Matador 5</b>	Consists of 2 static bollards with 3 central sliding bollards, creating an opening of 5440mm approx. Right Hand version shown, Left Hand version available.	
<b>Matador 6</b>	Consists of 2 static bollards with 4 central sliding bollards, creating an opening of 6855mm approx.	



### Bollard Spacing

HT2 Matador Bollards are spaced at 1415mm Centre to centre (C-C), 1195mm Bollard to Bollard excluding covers.

### Axle Loadings

20 tonnes per axle (up to 120 tonnes for a 6 axle vehicle).

### Base Depth / Excavation Depth

155mm base  
305mm excavation

### Foundation Details

Please refer to/request an installation drawing.

### Please contact for further details:

01964 535858  
www.heald.uk.com  
sales@heald.uk.com

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