

# HEALD® MATAGATE

The World's first surface mounted crash tested gate system. A revolution within the HVM gate space.

The Matagate is an adaptation of our highly successful Matador product meaning it's crash rated to arrest a vehicle travelling at both 40mph & 50mph with a foundation as shallow as 150mm.

## Crash Test Results

### HT2

Dual tested at 64kph(40mph)

Continued Operation After Impact.

#### Classification

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

NPSA Vehicle Attack Delay Rating Standard (VADS) Rating

### HT3

Dual tested at 64kph(40mph) & 80kph(50mph)

Continued Operation After Impact.

#### Classification

IWA14-1:2013 Bollard V/7200[N2A]/80/90:3.2 (Matador 4)  
IWA14-1:2013 Bollard V/7200[N3C]/64/90:1.3 (Matador 4)

NPSA Vehicle Attack Delay Rating Standard (VADS) Rating



## Operation

A motor & gearbox driven mechanism with manual hand wind & UPS for power fail.

Electromechanically operated, providing advantages over Hydraulically operated products such as,

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

240V Single phase (415V Three phase with neutral optional)  
Alternatives available upon request.

## Safety Features Available

Induction Loops, Sounders & Beacons.

## Operating Speeds

Matador 3/4: 6 seconds approx (EFO 3s approx)

## Options

Architectural Paving System (80mm/110mm), Heat Trace, Emergency Fast Operation (EFO), LED Lighting, Ramps, Various Access Control options.

## Please contact for further details:

01964 535858  
www.heald.uk.com  
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)

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

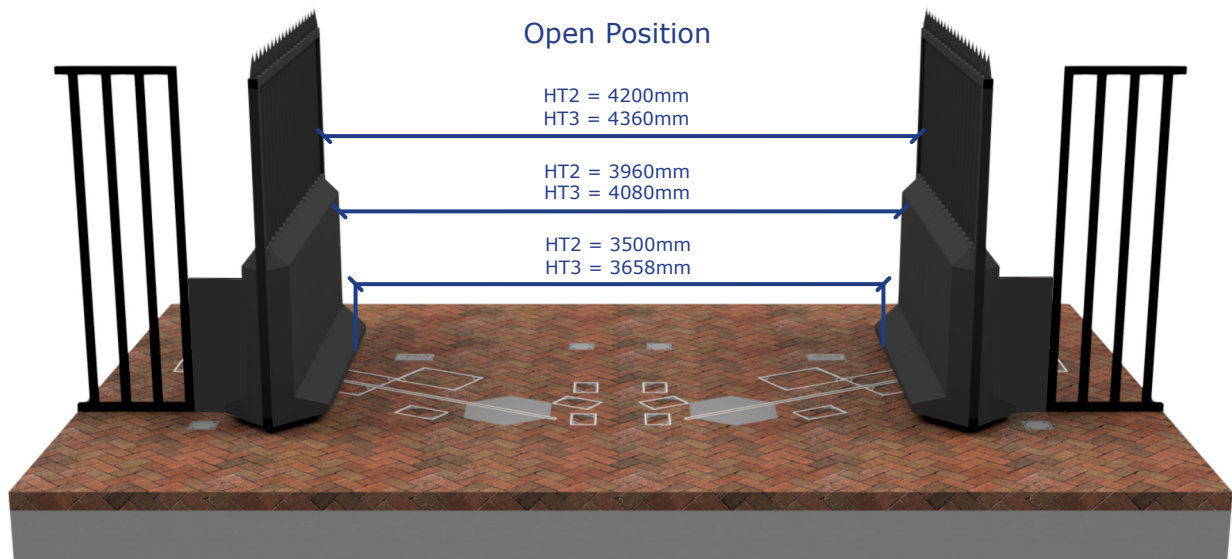


# HEALD<sup>®</sup> MATAGATE

Closed Position



Open Position



HT2 = 4200mm  
HT3 = 4360mm

HT2 = 3960mm  
HT3 = 4080mm

HT2 = 3500mm  
HT3 = 3658mm

### Axle Loadings

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

### Base Depth / Excavation Depth

155mm / 160mm base (Dependant on Model)  
305mm / 310mm excavation depth (Dependant on Model)

### Foundation Details

Please refer to/request an installation drawing.

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