



## IWA 14 HVM Automatic Rising Terra Galaxy Bollard - 7.2t At 30 mph

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### Detailed description

The automatic rising bollard has been impact tested to the International IWA 14 Specification, stopping a 7.2 tonnes vehicle travelling at 30 mph. Hydraulically driven Hostile Vehicle Mitigation (HVM) Bollard. IWA 14 Classification Code: V/7200[N2A]/48/90:0.0.

The fully automatic, easy glide hydraulically driven rising bollard provides protection from the threat of VBIED's. The bollard has been designed to complement the Static Terra Venus Bollard diameter.

The system includes a hydraulic control cabinet, which is recommended to be installed within 10 m of the Bollard system.

All made to order with size and safety system options available depending on individual site risk assessments. Compliant with BS EN 13849, A PSSA Verified Product, Secured by Design and are listed on the CPNI List of IWA 14 and PAS 68 products.

### Applications:

Suitable for high security sites such as banks, embassies, bullion depots, cargo parks, ports and lorry parks. Terra Bollards have been proven to stop vehicles, providing HVM, counter terrorist, impact-resistant barriers preventing vehicle as a weapon attack.

### Product guidance - As Standard

#### Distance between uprights (maximum):

For the International IWA 14-1 Impact tested bollards to be installed in accordance with IWA 14-2, bollards should be installed with 1200 mm between upright bollard faces.

#### Lifted height/ height above ground:

1000 mm.

#### Diameter:

219 mm.

#### Foundation requirements:

Depth: 1495 mm.

### Options

#### Finish:

Frontier Pitts Ltd



**Frontier Pitts Ltd**  
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Stainless steel clad

## Product specification

### Manufacturer

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- Address: Crompton House, Crompton Way, Manor Royal Industrial Estate, Crawley, West Sussex RH10 9QZ

<b>Product reference</b>	IWA 14 HVM Automatic Rising Terra Galaxy Bollard
<b>Finish</b>	Stainless Steel Clad
<b>Sleeve</b>	Stainless Steel 1.4303 (308) grade Stainless Steel 1.4401 (316) grade Stainless steel bead blasted
<b>Reflective Banding</b>	None Single/ Double Surface
<b>Lift height</b>	1000 mm
<b>Actuation/ Safety</b>	Audible alarms Flashing beacons Hydraulically driven Induction loop/ Vehicle detector loop system Laser Light curtain Photocell Signage Ultrasonic sensors
<b>Power fail operation</b>	Accumulator - Allows a number of operations in power failure mode. Manual hand pump - Standard.
<b>Access control</b>	ANPR - Automatic number plate recognition Audio intercom Card reader Digital keypad GSM intercom



HMI - Human machine interface  
Push button control  
VHF Radio control system

**Accessories**

[None]  
[100 mm diameter red/ green LED traffic  
light head with monitored safety circuit]  
[Anti-tamper alarms]  
[Bollard lighting]  
[Extra fast operation] - Contact  
manufacturer for details.  
[High Security Cabinet]  
[Warning sign]