

# TERRA SATURN BOLLARDS



The HVM Rising Saturn Bollard has been successfully impact tested to the British PAS 68 Specification with 7.5t @ 50mph (80kph). The Bollard is fully automatic and hydraulically driven.

- PAS 68 Terra Saturn Bollard 7.5t @ 50mph
- Fully functional after impact
- V/7500[N2]/80/90:5.0/9.2

*Tested dimensions: lifted height 900mm*



## BENEFITS & FEATURES

- Successfully impact tested to PAS 68
- Hydraulically driven
- Fully functional after impacts
- Stainless Steel clad finish
- Designed for ease of installation and maintenance
- Instantly reversible, 100% duty rated motor
- Control cabinet recommended to be installed within 10 metres of unit
- Traffic light system

## OPERATING SPEED

- Typical speeds of 4-6 seconds
- EFO (extra fast operation) in up to 3 second

## OPTIONS

- Accumulator or manual hand pump allow a number of operations in power failure mode
- In event of Power Failure options of Fail secure (remain in raised position) or Fail safe (remain in lowered position)
- High Security Cabinet
- Can be interfaced to any access control systems

## SAFETY

- Vehicle detector loops
- Safety photocell beams

## CIVIL REQUIREMENTS

L: 2080mm  
W: 1000mm  
D: 1500mm

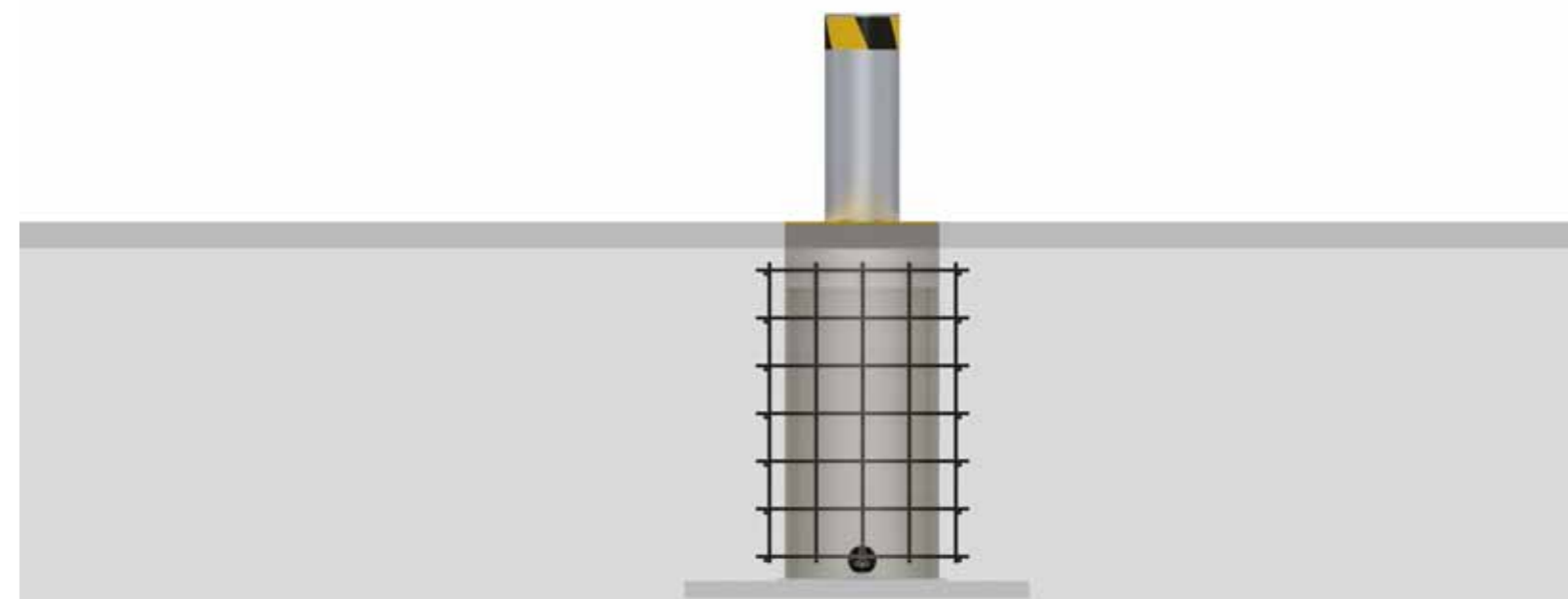
### Control Cabinet foundations

L: 800mm  
W: 80mm  
D: 300mm

*Note:* Power and control wiring ducts may be required

## ELECTRICAL REQUIREMENTS

- Three Phase Supply



**Applications:** Sites that require high security anti ram protection from potential hostile vehicles whilst allowing free access/passage by pedestrians. Ideal solution for crowded place venues. Fully functional after impact

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