

Macs K12 271/900 HVM Automatic Security Bollard



- HVM security bollard, with integrated hydraulic pump for ease of installation, increased reliability and intensive use.
- Sleek design and pleasing aesthetics. Suitable for a wide variety of HVM applications,
- High duty cycle, ensuring lasting performance and intensive use.
- CERTIFIED TO
DOS SD-STD-02.01 K12 L1

EXPERT DESIGN

Part of Macs' HVM security bollard range. Specifically designed for use in hostile vehicle mitigation.

VISUAL/AUDIO SAFETY

Optional features such as integrated flashing LED lights and audio sounder provide additional visibility and safety

CUSTOM FINISH

Available in painted or stainless steel finish.

Bollard Specifications

Moving Cylinder	FE510 Steel, 304 Stainless Steel, 316 Stainless Steel
Moving Cylinder Diameter	271mm
Moving Cylinder Height	900mm
Moving Cylinder Thickness	23mm
Moving Cylinder FE510 Steel Finish	Powder Coated – Standard Anthracite
Moving Cylinder Stainless Steel Finish	Powder Coated Grey Anthracite or Brushed Stainless Steel
Other Optional Cylinder Finishes	Ribs on Cylinder Surface (FE510 Only)
Reflective Adhesive Strip	Yes – Height 55mm
Rising Speed	22cm/sec
Lowering Speed	22cm/sec
Manual Emergency Lowering	Yes
Connection Cable to Control Unit	Standard 10m (Maximum 80m)
Hydraulic Pump	Built-In to Bollard
Protection Class	IP67
Type of Use	Intensive – Life Average 3,000,000 – 2,000 Movements Per Day
Impact Resistance (Without Deformation)	700,000J
Breakout Resistance	2,000,000J
Operating Temperature	-40°C +70°C

Macs Automated Bollard Systems Ltd
Unit 8.1b Tameside Business Park
Windmill Lane, Denton
Manchester, M34 3QS

Tel: 0161 3206462
Email: enquiries@macs-bollards.com
Web: www.macs-bollards.com