

## Macs P275/500 Automatic Security Bollard

### EXPERT DESIGN

Part of Macs's best selling range of security bollards. The current design is the result of over 20 experience and development.

### VISUAL/AUDIO SAFETY

Optional features such as intergrated flashing LED lights and audio sounder provide additional visability and safety

### CUSTOM FINISH

Available in either stainless steel finish or steel painted to match any RAL colour.



- Hydraulic pump integrated within bollard for ease of installation and increased reliability and intensive use.
- Sleek design and pleasing aestehctics. Suitable for a wide variety of applications, including highways approved schemes.
- High duty cycle, ensuring lasting performance and intensive use.
- Optional blackout solenoid allows for safe automatic lowering in case of power failure.

### Bollard Specifications

Moving Cylinder	FE370 Steel - AISI 304 Stainless Steel
Moving Cylinder Diameter	275mm
Moving Cylinder Height	500mm
Moving Cylinder FE370 Steel Thickness	6mm
Moving Cylinder Stainless Steel Thickness	AISI 304:6mm – AISI 316:4mm
Moving Cylinder FE370 Steel Finish	Powder Coated – Standard Anthracite
Moving Cylinder Stainless Steel Finish	Powder Coated – Standard Anthracite or Brushed Stainless Steel
Other Optional Cylinder Finishes	Ribs on Cylinder Surface
Reflective Adhesive Strip	Yes – Height 55mm
Rising Speed	15cm/sec
Lowering Speed	25cm/sec
Manual Emergency Lowering	Yes
Safety Reversal Pressure Switch	Yes
Connection Cable to Control Unit	Standard 10mt (Maximum 80mt)
Hydraulic Pump	Built-In to Bollard
Power Consumption	Single Bollard 6amp, Double Bollard 10amp
Protection Class	IP67
Type of Use	Intensive – Life Average 3,000,000 – 2,000 Movements Per Day
Impact Resistance (Without Deformation)	40,000J
Breakout Resistance	250,000J
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](mailto:enquiries@macs-bollards.com)  
Web: [www.macs-bollards.com](http://www.macs-bollards.com)