

Macs P220/600 Automatic Security Bollard



- Hydraulic pump integrated within bollard for ease of installation and increased reliability and intensive use.
- Sleek design and pleasing aesthetics. 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.

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 soulder provide additional visability and safety

CUSTOM FINISH

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

Bollard Specifications

Moving Cylinder	FE370 Steel - AISI 304 Stainless Steel
Moving Cylinder Diameter	220mm
Moving Cylinder Height	600mm
Moving Cylinder FE370 Steel Thickness	4mm
Moving Cylinder Stainless Steel Thickness	4mm
Moving Cylinder FE370 Steel Finish	Powder Coated – Standard Anthracite
Moving Cylinder Stainless Steel Finish	Powder Coated – Standard Anthracite or Brushed Stainless Steel
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)	30,000J
Breakout Resistance	150,000J
Operating Temperature	-40°C +70°C

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