

Macs 275/K4 900A

**Certified IWA 14-1:2013 V/7200(N3)/48/90:1.0 And
PAS68:2013 V/7500(N3)/48/90:1.0/2.5**

The Macs 275/K4 900A automatic bollards are the top of the line products of the Macs range. The current models are the result of the development of more than 40 years of experience. Certified to IWA and PAS standards.



General Features

- **Hydraulic Movement:** The Most reliable technology for most intense use at all temperatures and weather conditions.
- **Built in hydraulic pump in the bollard:** This philosophy has many advantages, particularly in installations in locations with severe winter temperatures or when the installation requires a considerable distance (Up to 80m) between the Macs bollard and the control unit.
- **Patented system for the protection of handling:** to maximise the reliability of operations due to impact by vehicles on the cylinder that is in motion
- **Wide range of optional configuration:** custom colours, flashing lights integrated into the head, intermittent sound signal and blackout solenoid (in case of power failure)

Moving Cylinder	FE 510 Steel (Iron)
Moving Cylinder Nominal Diameter	275mm
Moving Cylinder Height	900mm
Moving Cylinder Thickness	10mm
Moving Cylinder FE510 Steel Finish	Anti-Corrosion Treatment – Standard Grey Anthracite
Moving Cylinder Stainless Steel Finish	Brushed – AISI 316 Stainless Steel Brushed Covering
Other Moving Cylinder Finish	Ribs on Cylinder Surface
Reflective Adhesive Strip	Yes – Height 55mm
Rising Speed	10cm/sec
Lowering Speed	25cm/sec
Manual Emergency Lowering	Yes
Connection Line to Control Unit	Standard 10mt (Maximum 80mt)
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	250,000J
Breakout Resistance	750,000J
Operating Temperature	-40°c +70°c