

## ST - 4 : AUTOMATIC / FIXED BOLLARD

Swaraj Secutech presents India's first indigenously designed and manufactured Automatic Hydraulic Bollard. The bollard has been manufactured keeping in mind the corrosive nature of the tropical Indian climate. All parts of bollards are galvanised to prevent corrosion and smooth functioning even when submerged in water.

To give a fine balance between aesthetics and security, all bollards come with an aesthetically pleasing stainless steel sleeve and stainless steel top plate which easily merges with the environment. Our bollards are fast and ideal for properties negotiating heavy volume of traffic. With Spare kit a part of our standard supply, after sales service is always our priority.



### SAFETY

Safety is most important to us and we provide dual safety mechanism:

**Infrared Sensors for human safety:** If the bollards are coming up and a human or animal crosses the sensor, the bollard will go down.

**Magnetic Loop Detectors:** For Safety against cars in a way that if the bollards are coming up and a car crosses the sensor line, the bollard will immediately go down, thereby preventing damage.

## TECHNICAL SPECIFICATIONS

MODEL NO.	ST – 4
DRIVE UNIT	HYDRAULIC /PNEUMATIC - ST4 (A/B)(H/P) FIXED/REMOVABLE - ST4 (A/B)(F/R)
CYLINDER DIAMETER	220 MM (ST4 A) / 275 MM (ST4 B)
CYLINDER LENGTH	700/900 MM (ST4 A) / 900-1000 MM (ST4 B)
CYLINDER MATERIAL	HIGH TENSILE CARBON STEEL
RAISING & LOWERING TIME	5-6 SEC. (CUSTOMISABLE)
EMERGENCY FAST OPERATION	2 SEC. (OPTIONAL & CUSTOMISABLE)
POWER SUPPLY	420 V (AC), 50 Hz
PROTECTION CLASS	IP 68
DUTY CYCLE	100%
OPERATING TEMPERATURE	-20 DEG. CELSIUS TO +60 DEG. CELSIUS
ILLUMINATION	RED LED / REFLECTIVE BANDS
FINISH	RAL PAINTED OR SS 304/316 COVER
MCBF	50,00,000
MANUAL LOWERING OPERATIONS	AVAILABLE
SAFETY AGAINST VEHICLE	LOOP DETECTOR
SAFETY AGAINST HUMAN	PHOTO SENSOR
CONTROL UNIT	PLC BASED CONTROL UNIT WITH TAILOR MADE INTEGRATION WITH ALL ACCESS CONTROL DEVICES

“PROUDLY MADE IN INDIA”