

## ST - 4 : AUTOMATIC BOLLARD

Swaraj Secutech ST-4 series Automatic Bollard are ideal for creating a secure but unobtrusive, pedestrian friendly environment without compromising on the aesthetics of the surrounding. The bollard offers customizable design with superior aesthetics and functionality.

The bollard has been manufactured keeping in mind the corrosive nature of the tropical climate. All parts of bollards are galvanized to prevent corrosion. To give a fine balance between aesthetics and security, all bollards have an optional aesthetically pleasing stainless steel sleeve which easily merges with the environment. Our bollards are fast and ideal for properties negotiating heavy volume of traffic.



### 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.

## SPECIFICATION

|                              |  |
|------------------------------|--|
| MODEL NO.                    | ST - 4   |
| DRIVE UNIT                   | HYDRAULIC  |
| CYLINDER DIAMETER            | 219 MM (ST4 A) / 273 MM (ST4 B)  |
| CYLINDER LENGTH              | 800/ 900/1000 MM   |
| 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  |
| DUTY CYCLE                   | 100%   |
| OPERATING TEMPERATURE        | -20 DEG. CELSIUS TO +70 DEG. CELSIUS   |
| ILLUMINATION                 | RED LED / REFLECTIVE BANDS   |
| FINISH                       | RAL PAINTED OR SS 304/316 COVER(OPTIONAL)  |
| MTBF                         | 50,00,000  |
| MCBF                         | 15,00,000  |
| DRAINAGE PROVISION           | SUMP PUMP ACCORDING TO SITE CONDITIONS   |
| MANUAL LOWERING OPERATIONS   | AVAILABLE  |
| SAFETY AGAINST VEHICLE       | LOOP DETECTOR  |
| SAFETY AGAINST HUMAN TRAFFIC | PHOTO SENSOR   |
| CONTROL UNIT                 | PLC BASED CONTROL UNIT WITH TAILOR MADE<br>INTEGRATION WITH ALL ACCESS CONTROL DEVICES |

“PROUDLY MADE IN INDIA”