

S4 BOLLARD



Swaraj Secutech presents India's first manufactured and physically crash tested indigenously designed bollard. Our bollards have been impact tested by Horiba, MIRA. U.K. wherein the bollard was hit at 48 km/h by a fully laden 7.2-ton truck and achieved a penetration of only 0.1 m.

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, which easily merges with the environment.

SAFETY

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

- Safety against vehicle: Loop Detector
- Safety against human traffic: Photo Sensor

CONTROL UNIT

Plc based control unit which can be tailor made to your use and can be integrated to all access control devices.

SPECIFICATION

MODEL NO.	S4
DRIVE UNIT	ELECTRO-HYDRAULIC (S4-H)
CYLINDER DIAMETER	223 MM
CYLINDER LENGTH	900 MM
CYLINDER MATERIAL	HIGH TENSILE CARBON STEEL
RATING	IWA 14:2013 BOLLARD V/7200 [N2A] 49/90/0.1
IMPACT LOAD	7.2 TON @ 48 KMPH WITH 0.1M STATIC PENETRATION AND 0.1M DYNAMIC PENETRATION (P1)
RAISING & LOWERING TIME	4 SEC FOR LOWERING & 6 SEC FOR RAISING
EMERGENCY FAST OPERATION	2 SEC.
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
MTBF	50,00,000
MCBF	15,00,000
DRAINAGE PROVISION	SUMP PUMP ACCORDING TO SITE CONDITION
MANUAL LOWERING OPERATIONS	AVAILABLE
SAFETY AGAINST VEHICLE	LOOP DETECTOR
SAFETY AGAINST HUMAN TRAFFIC	PHOTO SENSOR
CONTROL UNIT	PLC BASED CONTROL UNIT WITH TAILOR MADE INTEGRATION WITH ALL ACCESS CONTROL DEVICES

ON SITE CRASH TEST PICTURES



“PROUDLY MADE IN INDIA”