

S4 BOLLARD



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

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 as we provide dual safety mechanism

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

CONTROL UNIT

Customisable External HPU or Integrated Sabotage Proof HPU along with Plc based control unit can be tailor made to the customer's requirement . It is ready to be integrated to all access control devices.

INDIA

Survey No. 1427, Chhatral-Mehsana Highway, Rajpur Jhulasan Road, Dharpura Chokdi, Jhulasan- 382705, Ahmedabad.
(T) +91 88826 64055,
Email - info@swarajsecutech.com,
Website: www.swarajsecutech.com

UAE

Swaraj Secutech Equipment & Machinery Trading LLC,
Warehouse-1, Plot No 1228. Sector 5, New Industrial Area, Umm Al Thaoob, UAQ, UAE (T) +971 508641797,
Email: rashid@swarajsecutech.com
Website: www.swaraj.ae

NORTH AMERICA

Swaraj Secutech Canada INC
2300 Yonge street, 1600, Toronto, ON, M4P 1E4
(T) +1 (647) 242-6738
Email: mona@swarajsecutech.com,

SPECIFICATION

MODEL NO.	S4
DRIVE UNIT	HYDRAULIC (S4-H), PNEUMATIC (S4-P)
RATED DIAMETER	223 MM
RATED HEIGHT	900 MM
CYLINDER MATERIAL	HIGH TENSILE CARBON STEEL
PRODUCT RATING	IWA 14:2013 BOLLARD V/7200 [N2A] 49/90/0.1
IMPACT LOAD	7.2 TON @ 48 KMPH WITH 0.1M PENETRATION (P1)
RATED IMPACT ENERGY	694 KJ
RAISING & LOWERING TIME	5-6 SEC. (CUSTOMISABLE)
EMERGENCY FAST OPERATION	2 SEC. (OPTIONAL AND CUSTOMISABLE)
POWER SUPPLY	415 V (AC), 50 HZ / 220V AC , 60HZ
PROTECTION CLASS	IP 68
DUTY CYCLE	100%
OPERATING TEMPERATURE	-30 DEG. CELSIUS TO +65 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 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”

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