



S4 Bollards

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.

Our bollards are fast and are ideal for infrastructure which has least depth to the point of impact and at the same time requiring continuous operation.

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:

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.

S.NO	DESCRIPTION	SPECIFICATION
1	Model No.	S4
2	Drive Unit	Hydraulic (S4-H) Pneumatic (S4-P)
3	Cylinder Diameter	223 mm
4	Cylinder Length	900 mm
5	Rating	IWA 14-1:2013 Bollard V/7200 [N2A] 48/90/0.1
6	Cylinder Material	High Tensile Carbon Steel
7	Rising Time (EFO)(Optional)	1 sec.
8	Rising & Lowering Time (normal)	3 sec.

9	Hydraulic Drive Unit	420 V AC, 50 Hz
10	Protection Class	IP 68
11	Duty Cycle	100%
12	Illumination	Red LED/ Reflective Bands
13	Manual Lowering Operations	Available
14	Operating Temperature	-20 ⁰ C to +60 ⁰ C
15	Total Weight	200 kg
16	MTBF	50,00,000
17	MCBF	15,00,000
SAFETY PARAMETERS		
18	Safety against Vehicle	Loop Detector
19	Safety against Human Traffic	Photo Sensor
20	Control Unit	PLC based Control unit with tailor made integration with all Access Control Devices.