

S8 BOLLARD

Swaraj Secutech presents Asia's first M40/ K8 bollard that has been singularly impact tested in accordance to IWA 14-1:2013 by HORIBA MIRA, UK .The bollard was hit by a fully laden 7.2-ton truck at 64 km/h which resulted in complete dead stop of the vehicle and P1 penetration. Further the bollard remained fully operational after impact.

S8 bollard has been manufactured keeping in mind the corrosive nature of the tropical 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 optionally come with an aesthetically pleasing stainless steel sleeve and LED top plate that 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

Customized PLC based control unit that can be integrated to all access control devices.

TECHNICAL SPECIFICATIONS

MODEL NO.	S8 (1000)
DRIVE UNIT	HYDRAULIC
CYLINDER DIAMETER	270 MM /275 MM(SS SLEEVED)
CYLINDER LENGTH	1000 MM
CYLINDER MATERIAL	HIGH TENSILE CARBON STEEL
RATING	IWA 14:2013 BOLLARD V/7200 [N2A] /64/90:1
IMPACT LOAD	7.2 TON @ 64 KMPH WITH 1m DYNAMIC PENETRATION (P1)
RAISING & LOWERING TIME	5-6 SEC. (CUSTOMISABLE)
EMERGENCY FAST OPERATION	2 SEC. (OPTIONAL AND CUSTOMISABLE)
POWER SUPPLY	420 V (AC), 50 Hz
PROTECTION CLASS	IP 68
DUTY CYCLE	100%
OPERATING TEMPERATURE	-20 DEG. CELSIUS TO +65 DEG. CELSIUS
ILLUMINATION	RED LED / REFLECTIVE BANDS
FINISH	RAL PAINTED OR SS 304/316 (Optional) SLEEVE
MTBF	50,00,000
MANUAL LOWERING OPERATIONS	AVAILABLE
SAFETY FOR VEHICLE	LOOP DETECTOR
SAFETY FOR HUMAN TRAFFIC	PHOTO SENSOR
CONTROL UNIT	PLC BASED CONTROL UNIT WITH TAILOR MADE INTEGRATION WITH ALL ACCESS CONTROL DEVICES



P1 PENETRATION



OPERATIONAL AFTER IMPACT

“PROUDLY MADE IN INDIA”