

# Hydraulic BOLLARD



**Optional Features:**

- Traffic Lamp Red / Green / Yellow on a Post and a Warning Lamp with Siren 120Db.
- Integration with Long Range R.F.I.D. System for Vehicular Management and Access Control.
- Safety features available with safety sensor and loop detector.
- Optional Manual Operation Control Panel as required.
- Integration with ALPR & UVSS System for extra security feature.

SPECIFICATION	S-HB100
Unit	Single
Drive Unit	Hydro-Static
Power Supply Type or use	Single Phase/Three Phase 230 VAC / 440 VAC & 50/60 Hz
Electric Motor Capacity	2.0kw to 4.0kw
Protection Class	IP55
Bollard Height	600-1200mm
Bollard Diameter	220-273mm
Wheel Load	100 KN
Impact Load	Appox. 1000KN
Vertical Load	100 KN Vertically (20 T / Axle)
cylinder material	st37 or complete ss304 or 316
Surface Protection	Galvanized & Plastic Coated
Operation Time	Raising 4-6 second & Lowering 4-5 second
Operating Panel	1.From both side of Bollard through Push Button with key switch control 2.From Remote Control up to 10 meter range
Operating Temperature Range	5° C to +65° C
Power Failure/Emergency Operation	1. By hand through hand-pump 2. By U.P.S. Power for uninterrupted 2 operations-Up-Down
Electric Controls, Inside Outdoor Enclosure	Steel or Glass fiber reinforced cabinet, SS BOLLARDS ALSO.
Material of Construction	Carbon steel with powder coated finish or stainless steel in Grade 4 finish
Integration	Capable of Integration with the overall architecture of Surveillance & Access Control System
RATING	K4 PAS 68,K8,K12

