

HYDRAULIC SHALLOW ROAD BLOCKER

Hydraulic Shallow Road Blocker



PRODUCT OVERVIEW

The hydraulic surface blocker is a high-level vehicle entry security control system, specifically designed for sites where deep traditional foundations cannot be built or where excavation depth is limited. With an installation depth of about 500mm, this shallow design offers an effective vehicle-entry control solution while reducing the required foundation depth.

The system is designed specifically for controlled entry/exit points requiring enhanced perimeter security. It is manufactured with high-quality materials and modern engineering techniques, ensuring structural durability, reliable performance, and a long service life.

TECHNICAL SPECIFICATIONS

Application	Designed for security control of vehicle entry and exit
Vehicle Impact Resistance	Up to 25 tons at 60 km/h
Axle Load	Up to 60 tons
Structure	Heavy-duty, built for demanding use
Top Plate	Plain steel sheet
Hinges	Heavy-duty, custom-made from hardened steel and brass
Raised Height	800 – 1000 mm
Length	2000 – 6000 mm
Operating Mechanism	Hydraulic
Raise/Lower Speed	3 – 6 seconds
Control System	Raise/lower buttons + Programmable Logic Controller (PLC)
Power Source	380V, three-phase, 50–60 Hz
Motor Power	5.5 / 7.5 HP
On Power Outage	Manual pump for manual operation
Backup Power	DC motor with batteries
Traffic Signals	Red/green LED lights, 200mm diameter, mounted on a powder-coated pole, 2m high
Ground Safety Sensors	Two units, front and rear of the bumper, for safety purposes
Color	Black RAL 9005 / Yellow RAL 1028
Rust-Resistant Coating	Optional