

HYDRAULIC FLUSH-MOUNT ROAD BLOCKER

Hydraulic Flush Mount Road Blocker



PRODUCT OVERVIEW

The flush-mounted hydraulic road blocker is a high-level vehicle-entry security system, designed specifically for sites where traditional underground installation is not possible, or where the available excavation depth is very limited. With a design that requires an installation depth of only 100 mm, the blocker offers an effective vehicle-entry control solution with minimal foundation requirements.

The system is designed specifically for entry and exit points that require an advanced level of vehicle movement control and enhanced perimeter security. The flush-mounted road blocker is manufactured using high-quality materials and modern engineering techniques, ensuring structural durability, reliable performance, and a long operating life.

TECHNICAL SPECIFICATIONS

Application	Designed for security control of vehicle entry and exit
Vehicle impact resistance	Up to 30 tons at 60 km/h
Axle load	Up to 50 tons
Structure	Heavy-duty, built for rugged use
Top plate	Plain steel plate
Hinges	Heavy-duty, specially designed from hardened steel and brass
Rise height	800 – 1000 mm
Length	2000 – 6000 mm
Operation mechanism	Hydraulic
Rise/fall speed	3 – 6 seconds
Control system	Rise/fall buttons + PLC control unit
Power supply	380V, three-phase, 50-60Hz
Motor power	5.5 or 7.5 HP
On power outage	Manual hydraulic hand pump
Backup power	DC motor with batteries
Traffic signals	Red/green LED, 200mm diameter, mounted on a 2m powder-coated steel pole
Ground safety sensors	Two units, front and rear of the blocker, for safety purposes
Color	Black RAL 9005 / Yellow RAL 1028
Rust-resistant coating	Optional