

# ANTI-TERROR HIGH SECURITY ROAD BLOCKER **K12** TESTED

## *STOP RBT-1 100 Series*

**STOP** GRUP



ASTM INTERNATIONAL



Stopgrup Anti-terror Road Blocker is designed for long term operations to ensure the safety and control where the entries-exits must be made in a controlled and safe manner against any heavy vehicle attacks. The system's case is designed to prevent being hit by vehicles, and all relevant components of the systems are strengthened against any attacks. Stopgrup Road Blocker Systems work uninterruptedly even at the highest-density places thanks to the hydraulic operation system. This system can also be synchronized with the rising bollard and other safety systems, and keeps the defenses at the maximum level in case of possible attacks, and thus ensures the secure entrance of the vehicles into relevant areas.

### Installation areas

- Nuclear Power Plants
- Military Bases
- Commercial Areas
- Hotels
- Nuclear Power Plants
- Production Areas
- Urban Areas
- Airports
- Financial Institutions
- Recreation Facilities

**Safety First**

T: +90 212 868 08 90  
F: +90 212 868 08 87  
Email: [Export@stopgrup.com](mailto:Export@stopgrup.com)

# ANTI-TERROR HIGH SECURITY ROAD BLOCKER **K12** TESTED

Stopgrup road blockers impact test to PAS 68, IWA 14-1 & ASTM 2656-18 M50 P1 classification provide high security protection from vehicle borne hostile attack and are the ultimate deterrent to unauthorized vehicles entering a site. They are formidable visual and their robust and heavy-duty structure provides durable and reliable means of controlling vehicles into a secure area. Our RBT-model was strong enough to demolish a 7500kg truck incoming with The nominal impact speed of 80km/h, as a result it has proved safety standards by K12 certifications.



## Technical Specifications

Road Blocker Height	1100mm
Width Options	2000 - 6000mm
Wall Thickness	Side 30 mm, Topsheet 15 mm, Front sheet 5 mm
Material of the Moving Part	ST 37/44 (10/20mm)
Hinges	40 mm Cr20Mn5
Finish	Epoxy paint - Yellow - Black
Load-carrying per axle	80 Tons
Road blocker weight	3500 kg
Drive Movement	Hydraulic Driven
Engine Power	3-4- 5.5 kw 1500rpm
Power Supply	415 VAC, 50HZ
Hydraulic hose resistance	Min 300 Bar
Operating time	4-8 sec.
Impact Resistance	1800 KJ
Control Panel	PLC (Programmable Logic Controller)
System Protection	Loop Detector
EFO(	1-2 sec
Remote Control Operating	433,92 MHz
Operating Temperature	-20°C - +70°C
Manual Lifting	Hand Pump
Protection Class	IP 68



## Optional Specifications

Hydraulic System Heating - Cooling	Available
Warning Equipment	Flasher - Traffic Light
System Security Support	Safety Photocell
UPS (Back-up Power System)	In Case of Power Failure
Compatibility with Access Control Systems	License Plate Recognition, Card Reader, Finger Print etc.

**Maximum Penetration: -1.3m (P1)**



**Safety First**

T: +90 212 868 08 90  
F: +90 212 868 08 87  
Email: [Export@stopgrup.com](mailto:Export@stopgrup.com)

# ANTI-TERROR HIGH SECURITY

## ROAD BLOCKER **K12** TESTED

### Technical Drawing

