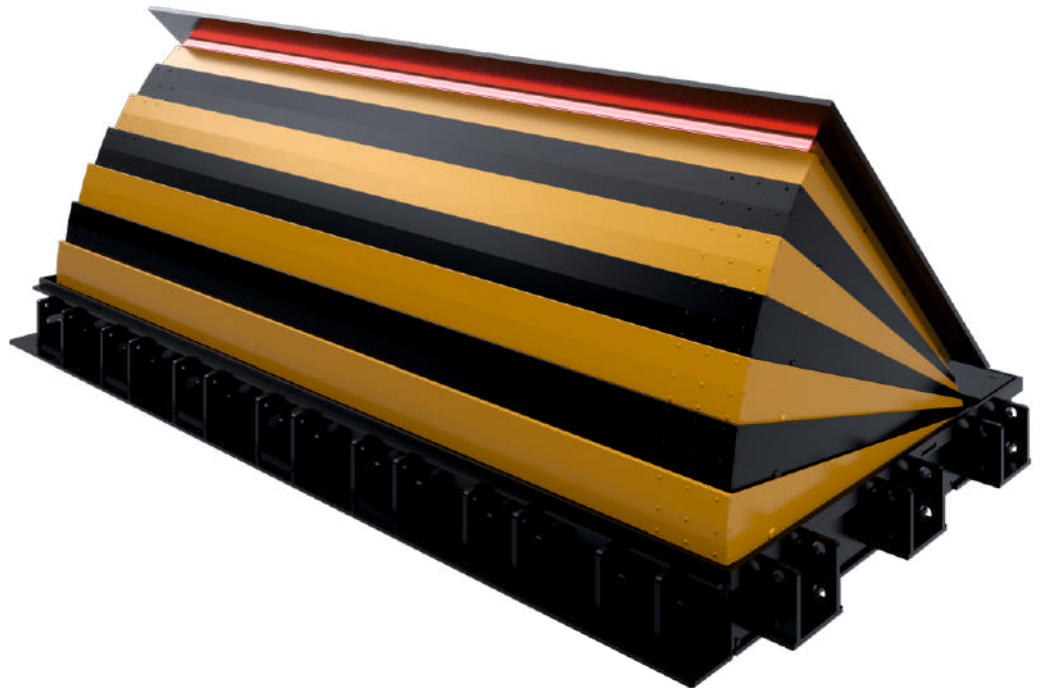


PAS68/IWA14-1 7,5t@80kph ULTRA SHALLOW ROAD BLOCKER

Crash-tested
according to



*safety skirt goes as an option

HIGH SECURITY ULTRA SHALLOW ROAD BLOCKER WITH ZERO PENETRATION

Ultra shallow road blockers were designed to protect the perimeter of the protected area. This blocker can stop a truck of 7 500 kg (7,5 t) mass driving at 80 kph (50 mph) speed. This is confirmed by successfully passed tests BSI PAS 68:2013 and IWA 14-1:2013. Such a blocker fully meets the requirements for the protection of highly classified objects.

In addition to anti-ramming properties, this blocker has another advantage - this is an ultra small installation depth of 200 mm. The completely innovative design of this lock allows you to combine its main anti-ram function with the simplicity and speed of installation.

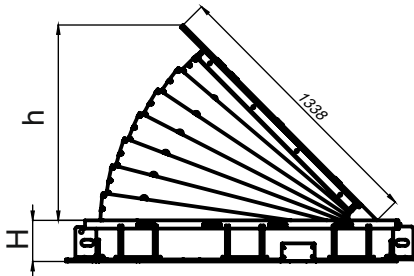
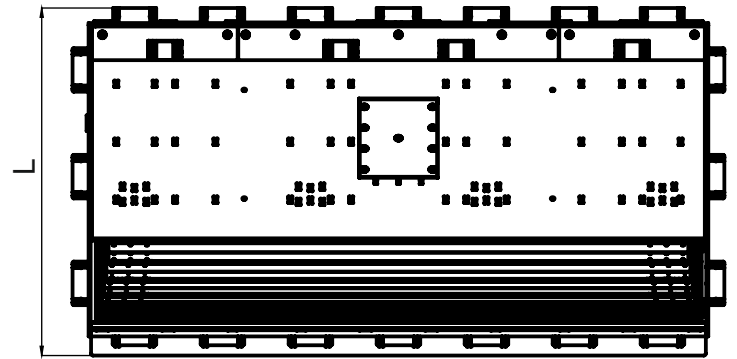
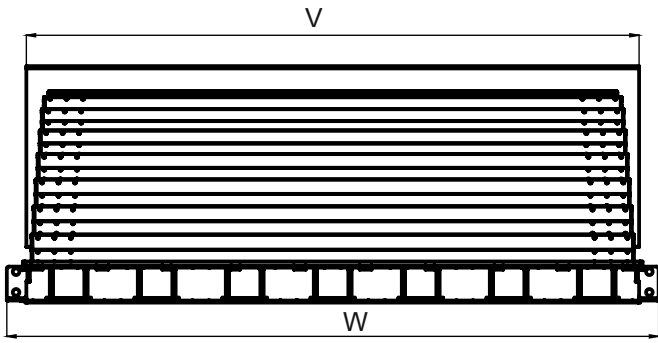
INSTALLATION AREAS

- Governmental Institutions
- Military Bases
- Nuclear Power Plants
- Production sites (Industrial Plants)
- Commercial areas
- Financial institutions
- Airport Premises
- Business (Office) Center
- Hotels
- Sport Complexes
- Recreation areas
- Urban areas
- Education Institutions
etc.



www.tiso.global
+380 (44) 291-21-11
e-mail: sales@tiso.global



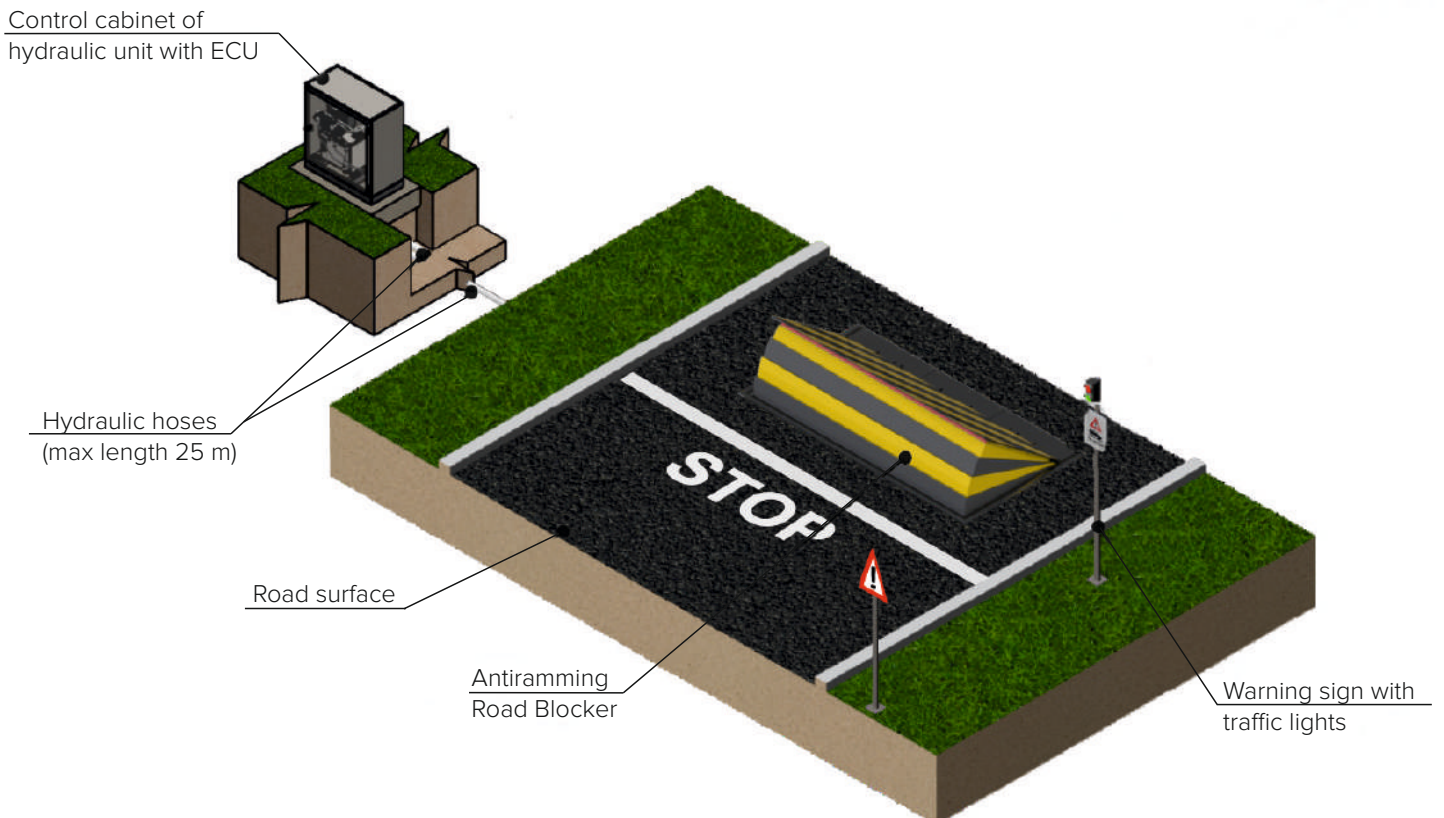


*safety skirt goes as an option

TECHNICAL SPECS:

Model	RB332-01	RB333-01	RB334-01
Security standards	BSI PAS 68:2013 and IWA 14-1:2013		
Impact resistance, J	1 868 000		
Installation type	Shallow mounted		
Drive	Hydraulic (HPU)		
Width, mm	2000	3000	4000
Height, mm	950		
Installation depth, mm	200		
Dimensions, mm			
WxLxH	2170x1690x200	3170x1690x200	4170x1690x200
hxV	950x1980	950x2980	950x3980
Axle load, t	15 (standard) 30/50 (optional)		
Rising time, s (±1)	3,5 (1,5 with EFO)		
Lowering time, s (±1)	3,5		
Operating temperatures, °C	-10 / +40 (standard) -40 / +65 (optional)		
Power supply	3 phases 400 V, 50/60 Hz (standard) 1 phase 230 V, 50/60 Hz (option)		
Protection level	For road blocker: IP 67 For control box: IP 54 (standard); IP 65 (optional)		
Material	Structural steel C22		





KEY FEATURES

- Ultra shallow road blocker has a hydraulic drive.
- Installation is simple and economical, requires only concrete pouring.
- The upper plate on the dynamic part is made of a sheet of structural steel. This enhances the anti-ramming properties of the road blocker. And also provides its long service life when vehicles regularly pass through the blocker.
- The safety skirt could be removed easily, if necessary.
- Provides high protection of the site, which is confirmed by successfully passed crash test PAS68 and IWA 14-1:2013

Certificate

of passed Barrier Testing Programme



Contracting Client:

TISO PRODUCTION LTD
14 Promyslova str.
02088 Kyiv
Ukraine

Certificate No.: TC-11523-3533-19316
03-MAR-2020

Type of Product:

Moveable Blocker, "RB 333-01"

Test Standard:

PAS 68:2013

Test Standard Classification:

IWA 14-1:2013

PAS 68: N3-80 km/h

IWA 14-1: N3C-80 km/h

Test Date:

25-FEB-2020

Vehicle Restrained:

Yes No

Vehicle Immobilized:

Yes No

Test Vehicle Kinetic Energy at Impact:

1868 kJ

Performance classification PAS 68:

Blocker V/7500(N3)/80/90:-1.0/24.1

Performance Rating IWA 14-1:

Blocker V/7200(N3C)/80/90:-0.1

Only valid in connection with CTS-Test Report No.: 11523-3533-19316

If completely changed this certification will be replace by certificate No. TC-11523-3533-19316-2.

Sincerely



crashtest-service.com
Amelienstraße 30 | 48167 Münster
Telefon: +49 (0) 2506 / 7089070
Telefax: +49 (0) 2506 / 7089099
E-Mail: info@crashtest-service.com

Dipl.-Ing. Peter Schimmelplennig (Managing Partner/Head of Laboratory)

crashtest-service.com GmbH | Amelienstraße 30, 48167 Münster, Germany | www.crashtest-service.com



www.tiso.global
+380 (44) 291-21-11
e-mail: sales@tiso.global

