

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

Crash-tested  
according to



\*safety skirt goes as an option

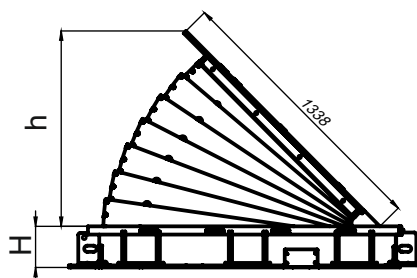
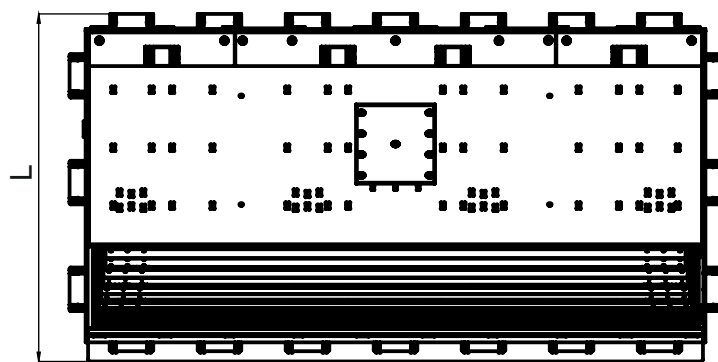
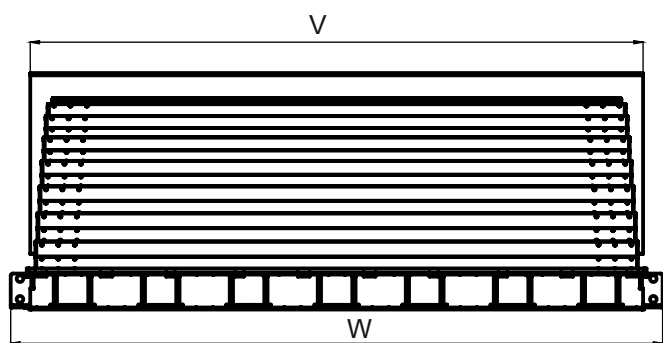
## HIGH SECURITY ULTRA SHALLOW ROAD BLOCKER WITH ZERO PENETRATION

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.



\*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		
Rising time, s (±1)	3,5 (1,5 with EFO)		
Lowering time, s (±1)	3,5		
Operating temperatures*, °C	-40 /+60		
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 (option)		
Material**	Epoxy Polyurethane RAL 9005 Black / RAL 1003 Yellow		

\*for temperatures lower than -10 °C use the heating device; for temperatures higher than +40 °C use the cooler device

\*\*hot dip galvanization is available as an option

## 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.

## Crash test confirmation



### Test Conditions

Standards:	BSI PAS 68:2013 and IWA 14-1:2013
Type of test:	N3/N3C – 80 km/h
Test inertial mass:	7492 kg
Impact angle:	90°
Actual impact speed:	80,4 km/h

### Test results

Vehicle penetration (static):	PAS: -1,2 m / IWA: -0,3 m
Vehicle penetration (dynamic):	PAS: -1,0 m / IWA: -0,1 m
Vehicle restrained and immobilized:	Yes
Performance classification:	Blocker V/7500[N3]/80/90:-1.0/25.0
Penetration rating:	Blocker V/7200[N3C]/80/90:-0.1
Kinetic energy at impact:	1868 kJ