



RB
SERIES



RB1000

Road blocker with shallow foundation

Anti-terrorism solutions for sensitive areas

The **RB1000** Road Blockers are cutting-edge solutions for perimeter protection and vehicle access control, combining **high security standards** with **easy installation and maintenance**.

- **Shallow mount** installation, requiring **only 500 mm excavation**
- Hydraulic system: reliable technology for **intensive and long-term use**
- Available in widths from **2 to 6 meters**
- Optional **biodegradable oil** for the hydraulic unit
- **Maximum protection**, certified **PAS68 at 80 km/h**.

CERTIFICATION
PAS68 a 80Km/h

Smart! **Semi-automatic version also available:**
ideal for installations in absence of electrical power or low-frequency access points.



Standard configuration

The standard configuration of our systems is designed to ensure efficiency, safety and ease of management. The configuration includes:

- **Road blocker**, a device for controlling vehicle access
- **Control unit**, manages the operation of the device.

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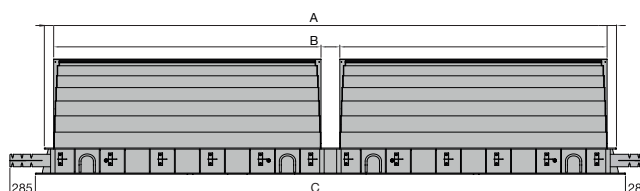
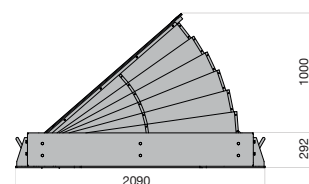
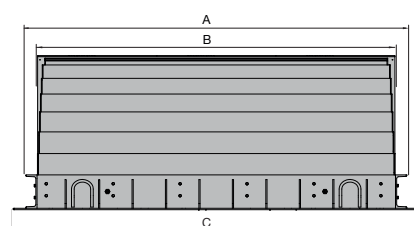
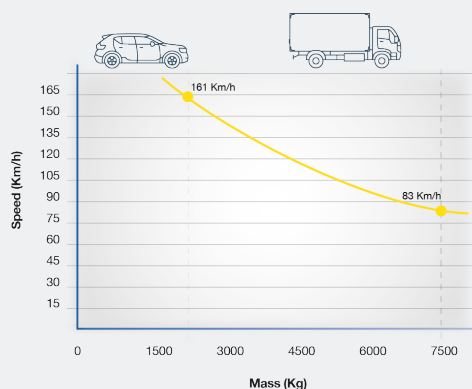
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RB1000	
Platform height above ground level	1000 mm
Platform length	2 m – 3 m – 4 m – 5 m – 6 m
Platform depth	300 mm
Movement principle	Hydraulic
Moving platform finish	Anti-corrosion treatment - grey anthracite standard painting
Metal plate surface finish	Steel chequered sheet, painted Optional: stainless steel chequered sheet
Reflecting adhesive strip	Standard - height 55mm
Rising time	7s
Lowering time	7s
EFO rising time	2s
Connection line to control unit	Standard 10m (max 30m)
Voltage for control unit	230/400 VAC (+/- 10%) 50/60Hz
Type of use	2000 Cycles/day
Life units	3.000.000 Cycles
Breakout resistance	2.000.000 J
Metal skirt for front and sides of road blocker	Standard - colour: white / red
Manual handling device	Optional
LED lighting strips (30 LEDs per metre)	Optional
Protection class	IP 67
Nominal operating temperature	-40°C +70°C (for low temperatures see heating resistance)
Load class (EN124)	D400
Certified to	PAS68
In compliance with	IWA 14-1, ASTM M50 (K12)



RB1000 6m

Model	A	B	C
2,0 m	2190 mm	1990mm	2400mm
3,0 m	3190 mm	2990mm	3400mm
4,0 m	4190 mm	3990mm	4400mm
5,0 m	5190 mm	4990mm	5400mm
6,0 m	6400 mm	6190mm	6600mm

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Pilomat offers **safety accessories** for every installed system: including photocells, flashing lights and acoustic sensors for emergency vehicles. Each device is designed to **ensure maximum efficiency, clear signaling and secure control.**

Available Finishes

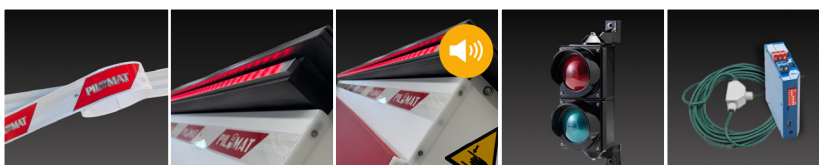


RAL painting

Anti-corrosion
marine treatment

Stainless steel
plate

Safety and visibility



Reflecting strip

LED lighting strip

Warning signal

Traffic light

Induction loops

Functions



Automatic
lowering

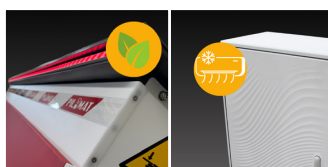
EFO (Fast
emergency
operation)

Heating
element

UPS unit

Sensors: oil level
and temperature

Manual
handling device



Biodegradable
oil

Air conditioner

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Pilomat provide a complete range of **control devices**, designed to make the use of installed systems practical and immediate. Buttons, selector and remote controls allow users to operate the devices with a single gesture, **ensuring immediate, reliable control and intuitive management.**

Control devices



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