



RB
SERIES



RB500

Road blocker with shallow foundation

Anti-terrorism solutions for sensitive areas

The **RB500** Road Blockers are cutting-edge solutions for perimeter protection, combining **high security standards** with **easy installation and maintenance**.

- **Shallow mount** installation, requiring **only 500 mm excavation**
- External 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.

Smart! **Hot climate installations?** Request the **air conditioner** for the control station.



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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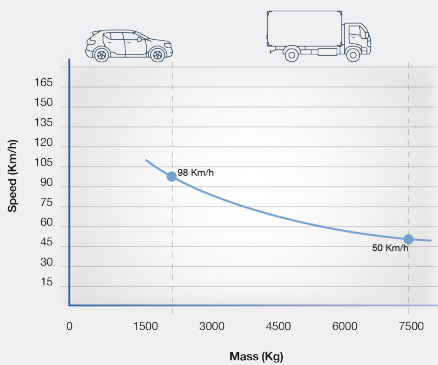
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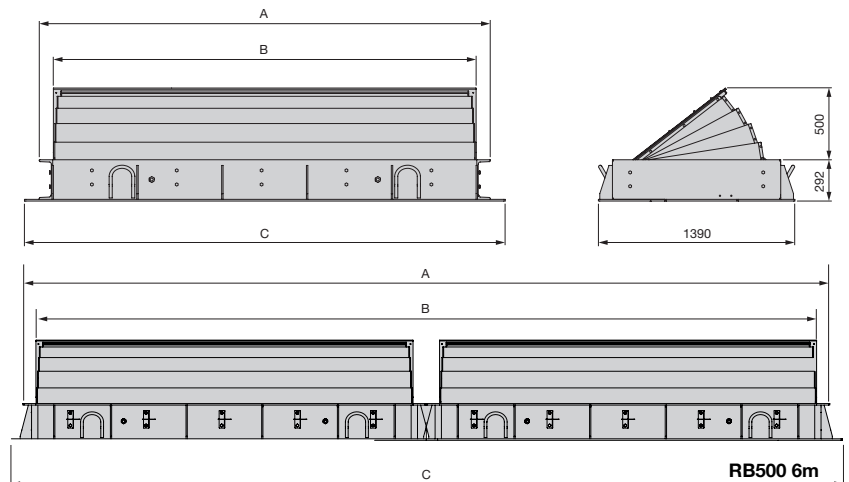
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	RB500
Platform height above ground level	500 mm
Platform length	2 m – 3 m – 4 m – 5 m – 6 m
Platform depth	300 mm
Movement principle	Hydraulic
Moving platform finish	Anti-corrosion treatment - grey anthracite standard painting
Metal plate surface finish	Steel chequered sheet, painted Optional: stainless steel chequered sheet
Reflecting adhesive strip	Standard - height 55mm
Rising time	4,5s
Lowering time	4,5s
EFO rising time	1,5s
Connection line to control unit	Standard 10m (max 30m)
Voltage for control unit	230 VAC (+/- 10%) 50/60Hz
Type of use	2000 Cycles/day
Life units	3.000.000 Cycles
Breakout resistance	750.000 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
In compliance with	PAS68, IWA 14-1, ASTM M30 (K4)



Breakout resistance
● 750,000 J



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 cover sheet

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



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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



Key switch

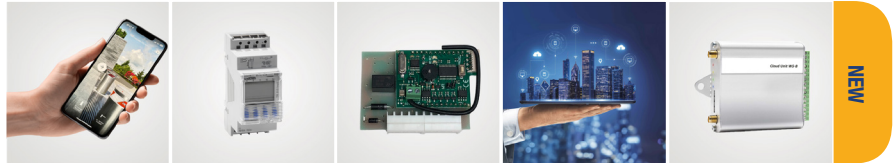
Card reader

Numeric key pad

Finger scan

Hand transmitter

License plate reader



App or Bluetooth

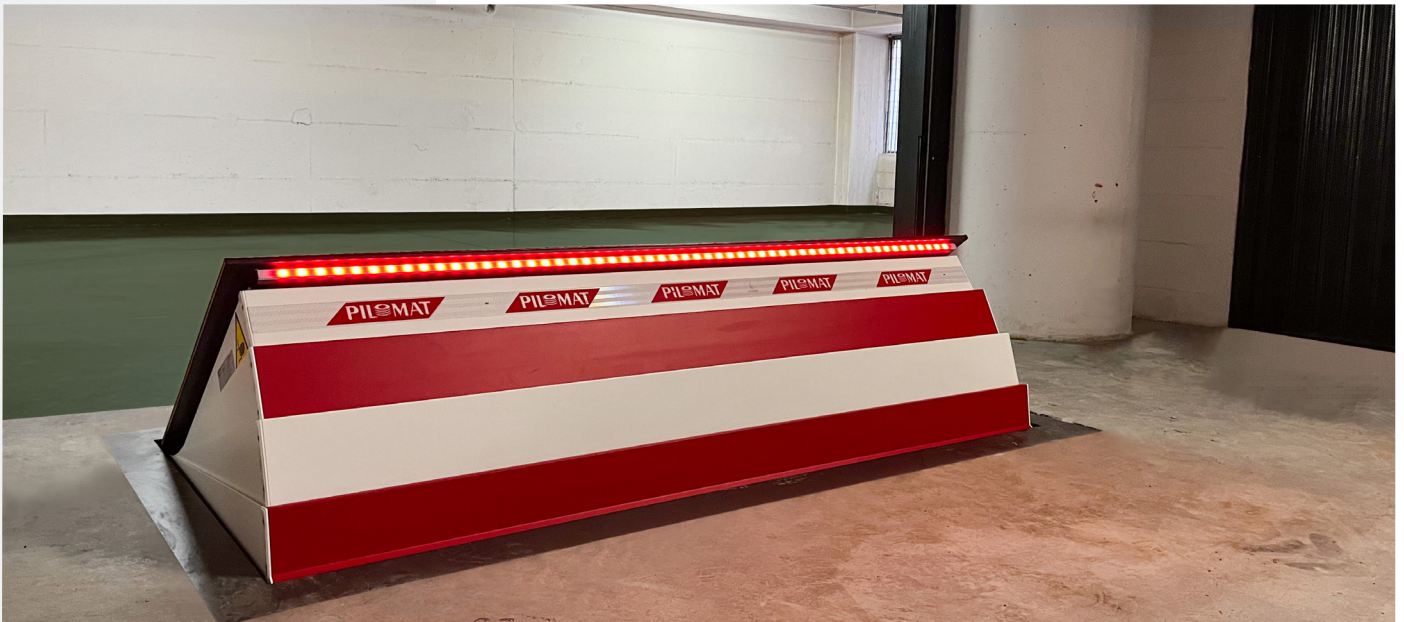
Timer
(week - year)

GSM activator

P-Connect

Cloud Unit W5-B

NEW



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