



RBS
SERIES



RBS1000

Surface-mounted Road blocker surface

Reliable protection without excavation

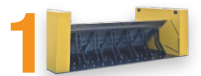
The **RBS1000 surface-mounted Road Blocker** offers effective protection with **fast, non-invasive installation**—ideal for environments where the presence of underground utilities makes excavation difficult. This solution features a **compact design** with integrated components, ensuring reliability for **intensive-use**.

- Available in three widths: **3.5 m, 4.5 m, and 5.5 m**
- Ideal for **high-frequency use** applications (2.000 cycles/days)
- Standard equipment includes anti-crushing safety photocells
- **No excavation** needed thanks to anchoring with chemical anchors
- Certified **IWA-14, PAS68 and ASTM** to stop **7.5 t trucks at 50 km/h**.

Smart! Easy access to the control station thanks to the sliding guide trolley.



TRIPLE CERTIFICATION
PAS68, IWA14, ASTM



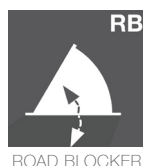
Standard configuration

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

- **Road blocker** - device for controlling vehicle access - with **built-in control unit**, which manages the operation of the device,
- **360° warning light** on each side column, for traffic management,
- **Safety photocells** on each side column,
- **Acoustic warning signal**.

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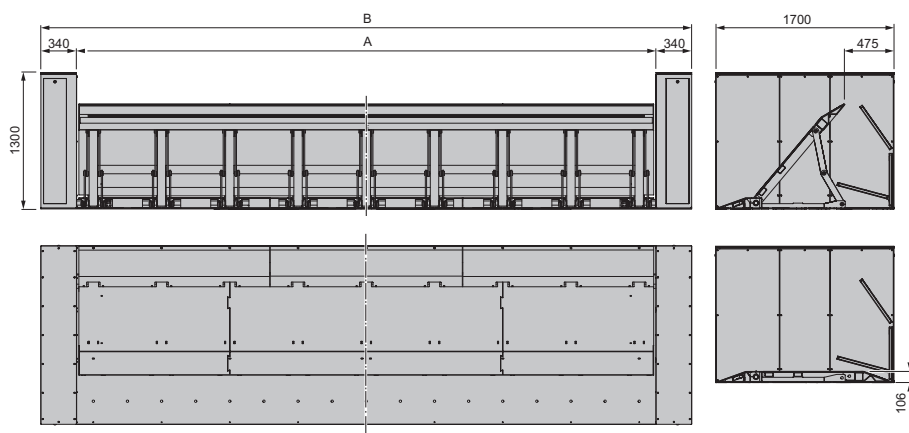
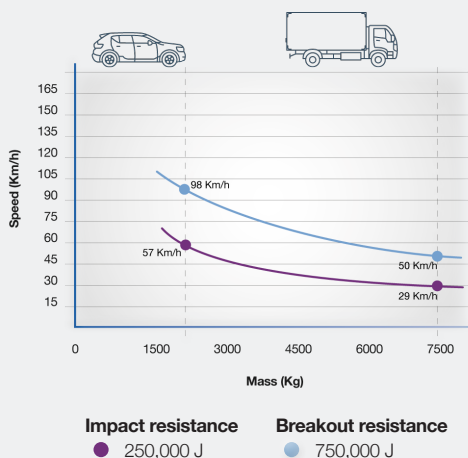
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ROAD BLOCKER SURFACE RBS1000

Platform height above ground level	1000 mm		
Platform length	3,5m	4,5m	5,5m
Overall dimensions	4200x1700x1300 mm	5200x1700x1300 mm	6200x1700x1300 mm
Movement principle	Hydraulic		
Platform surface treatment, steel version	Anti-corrosion treatment - grey anthracite standard painting		
Metal plate surface finish	Anti slip steel sheet, painted Optional: stainless steel chequered sheet		
Side post surface treatment, steel version	Anti-corrosion treatment, standard painting in yellow		
Reflecting adhesive strip	Standard - height 55mm		
Rising time	7s (only for automatic and dead-man version)		
Lowering time	7s (only for automatic and dead-man version)		
EFO rising time	2s (only for automatic and dead-man version)		
Voltage for control unit	230 VAC (+/- 10%) 50/60Hz (only for automatic and dead-man version)		
Type of use	2000 Cycles/day		
Life units	3.000.000 Cycles		
Impact resistance	250.000 J		
Breakout resistance*	750.000 J		
Photocell	Standard (only for automatic version)		
Manual emergency lowering	Standard (only for automatic version)		
2-way warning light	Warning light integrated all-round in both side housings (Road Blocker down: green – Road Blocker moving: flashing red – Road Blocker up: permanent red)		
Nominal operating temperature	-40°C +70°C (for low temperatures see heating resistance)		
Chemical fitting anchors	Optional		
Certificate to	PAS 68 – vehicle weight 7500 kg, speed 50 km/h IWA 14-1 – vehicle weight 7200 kg, speed 50 km/h ASTM M30 (K4) – vehicle weight 6800 kg, speed 50 km/h		
Load class (EN124)	D400		

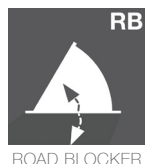
* The information for breakout resistance refers to fitting of the road blocker to solid ground that ensures stable installation of the chemical anchors (e.g. concrete floors).



Model	A	B
3,5 m	3500 mm	4200mm
4,5 m	4500 mm	5200mm
5,5 m	5500 mm	6200mm

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PROTECTION

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

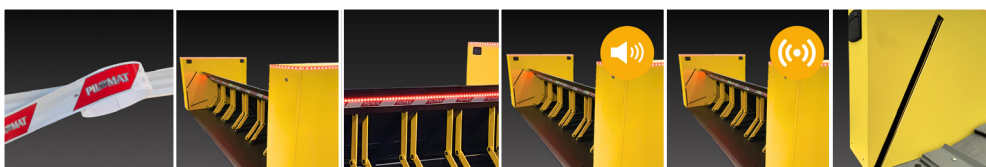


RAL painting

Anti-corrosion treatment

Stainless steel cover sheet

Safety and visibility



Reflecting strip

Warning light

LED lighting strip

Acoustic warning signal

Infrared sensors

Safety photocells

Functions



Manual handling device

EFO function (Fast emergency operation)

Heating element

UPS unit

Sensor: tampering alarm

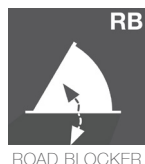
Biodegradable oil

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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



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