



**RBS**

SERIES



ROAD BLOCKER



TRIPLE CERTIFICATION  
**PAS68, IWA14, ASTM**

**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.**



### 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.**

**PILOMAT**  
**HÖRMANN**

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ROAD BLOCKER

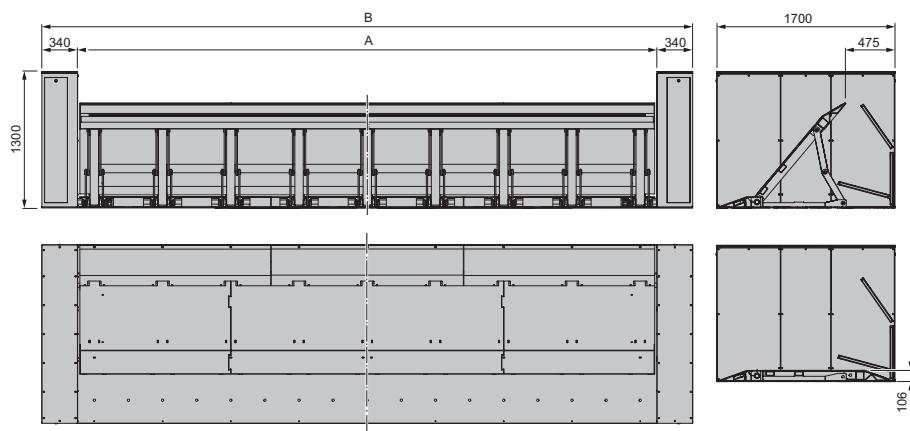
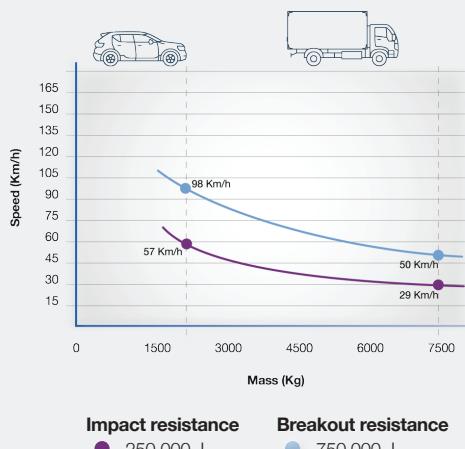
**RBS1000**

Surface-mounted Road blocker surface

**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		
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).



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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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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.**

# RBS1000

## Surface-mounted Road blocker surface

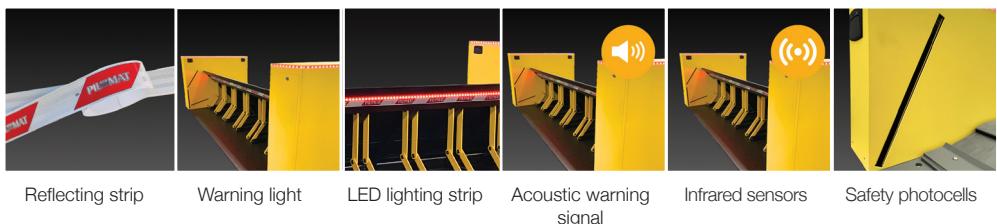
### Available finishes



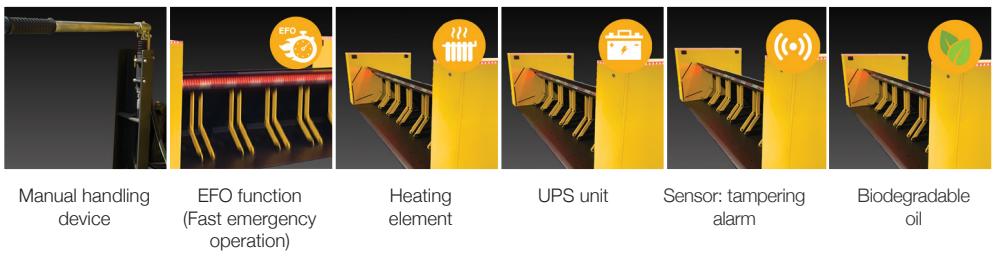
RAL painting

Anti-corrosion treatment

### Safety and visibility



### 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.**

# RBS1000

## Surface-mounted Road blocker surface

### Control devices



Key switch

Card reader

Numeric key pad

Finger scan

Hand transmitter

License plate reader



App or Bluetooth

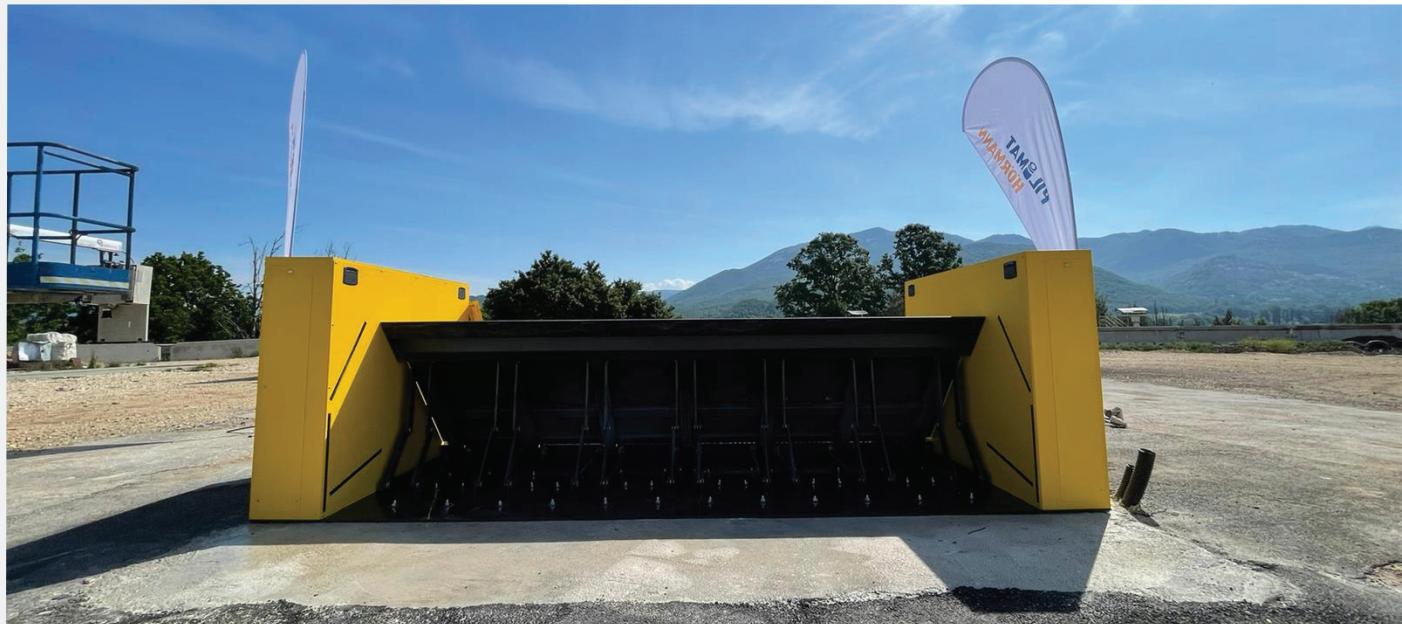
Timer  
(week - year)

GSM activator

P-Connect

Cloud Unit W5-B

NEW



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