



RBS
SERIES



RBS500

Surface-mounted Road blocker



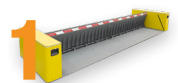
DOUBLE CERTIFICATION
PAS68 & IWA14

Reliable protection without excavation

The **RBS500 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 barrier 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 (2000 cycles/day)
- **No excavation** needed thanks to anchoring with chemical anchors
- **RBS500** is certified to stop **vehicles up to 3.5 t**
- **Safety photocells.**

Smart! The **integrated 360° warning light** acts like a real **traffic light**, managing vehicle flow and enhancing safety.



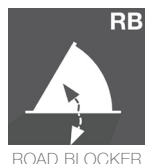
Standard configuration

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

- **Road blocker** - for controlling vehicle access - with **built-in control unit**, which manages the operation of the product.

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Pilomat S.r.l.
Via Zanica 17/P, Grassobbio (BG) Italia
pilomat@pilomat.com www.pilomat.com



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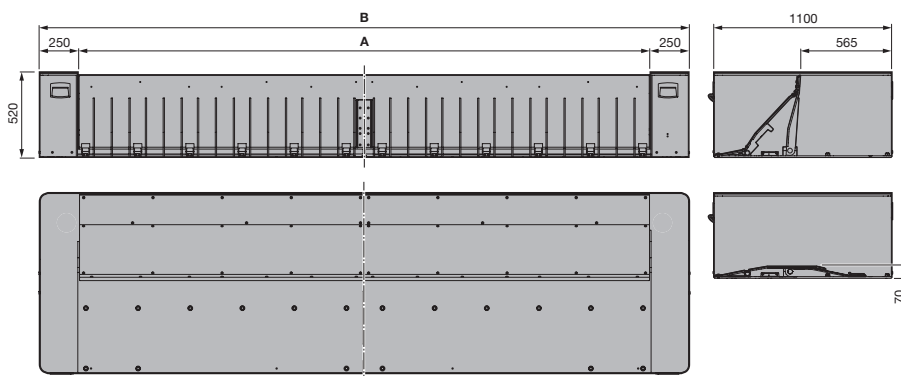


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RBS500			
Platform height above ground level	500 mm		
Platform length	3,5m	4,5m	5,5m
Overall dimensions	3980x1100x520 mm	4980x1100x520 mm	5980x1100x520 mm
Movement principle	Hydraulic		
Platform surface treatment, steel version	Anti-corrosion treatment - grey anthracite standard painting		
Metal plate surface finish	Steel chequered 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	5,5s		
Lowering time	7s		
Voltage for control unit	230 VAC (+/- 10%) 50/60Hz		
Type of use	2000 Cycles/day		
Life units	3.000.000 Cycles		
Breakout resistance*	140.000 J		
Photocell	Standard		
Manual emergency lowering	Standard		
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	PAS68, IWA 14-1 (vehicle weight 3500 kg, speed 32 km/h)		

* 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	3520 mm	3980mm
4,5 m	4520 mm	4980mm
5,5 m	5520 mm	5980mm

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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

360° warning
light

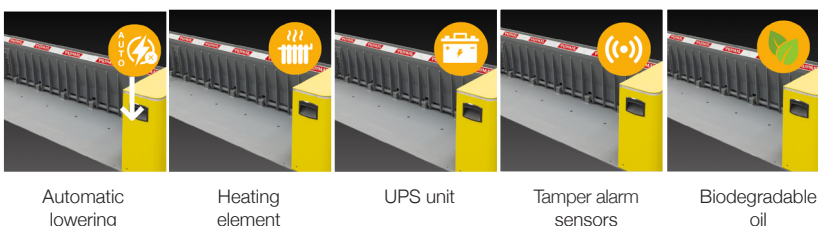
Warning signal

Safety reverse
function

Traffic light

Induction loops

Functions



Automatic
lowering

Heating
element

UPS unit

Tamper alarm
sensors

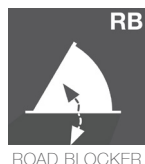
Biodegradable
oil

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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



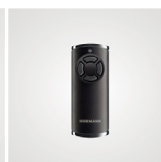
Card reader



Numeric key pad



Finger scan



Hand transmitter



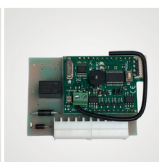
License plate reader



App or Bluetooth



Timer
(week - year)



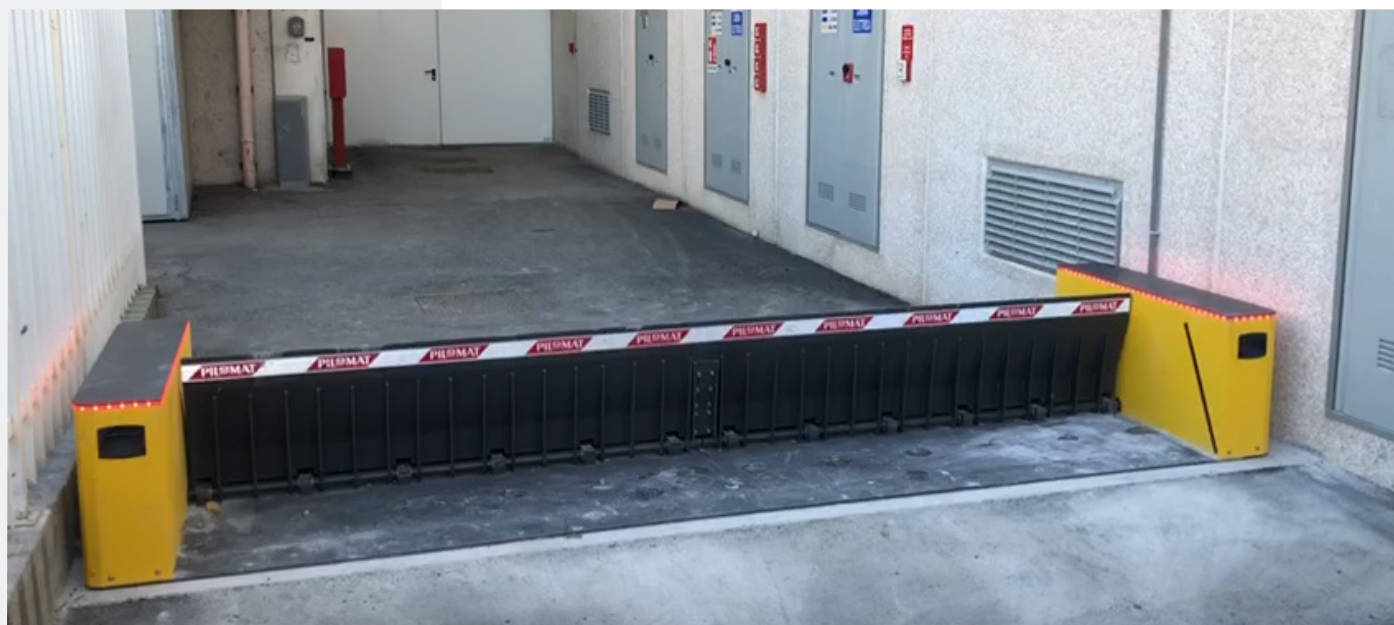
GSM activator



P-Connect



Cloud Unit W5-B



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