



TK
SERIES



TYRE KILLER BIG

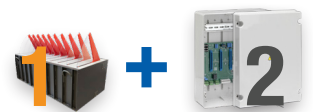
Automatic tyre killer vehicle barriers

Integrated solutions for sensitive areas

Tyre Killers stop unauthorized vehicles using high-strength **steel spikes** that damage tires. In the automatic version, they provide **maximum protection** for critical infrastructures and are **designed to integrate** with other access control systems.

- Hydraulic technology for **intensive and long-term use** (2,000 cycles/day)
- Withstands **impacts up to 50 km/h** by 7.5-ton trucks
- **Available with EFO** for fast emergency operation
- Equipped with **safety anti-crushing panels**.

Smart! Available with **biodegradable** oil to ensure a **more sustainable solution**.



Standard configuration

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

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

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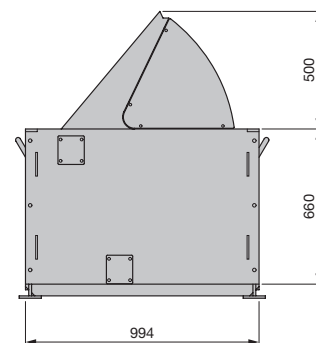
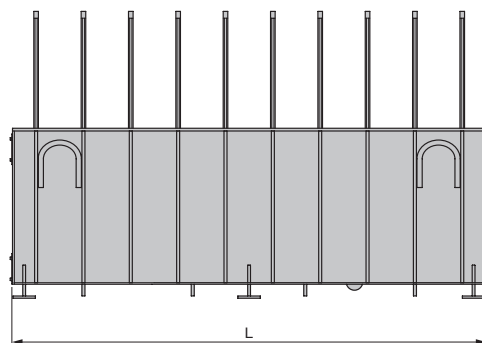


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Height of spikes above ground level	500 mm
Length	2 m – 3 m – 4 m – 5 m – 6 m
Spacing between spikes	200 mm (example: Tyre Killer Big, length 2 m = 10 spikes)
Thickness of spikes	20mm
Movement principle	Hydraulic
Frame surface finish	Anti-corrosion treatment - grey anthracite standard painting
Spikes surface finish	Anti-corrosion treatment - red standard painting
Rising time	4,5s
Lowering time	4,5s
EFO rising time	1,5s
Emergency lowering	Standard
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	750.000 J
Nominal operating temperature	-40°C +70°C (for low temperatures see heating resistance)
Load class (EN124)	D400



Model	L
2,0 m	2000 mm
3,0 m	3000 mm
4,0 m	4000 mm
5,0 m	5000 mm
6,0 m	6000 mm

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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.**

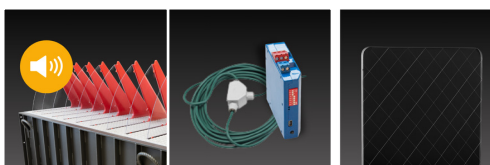
Available finishes



RAL painting

Anti-corrosion
marine treatment

Safety and visibility



Warning signal

Induction loops

Anti-crushing
panels

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



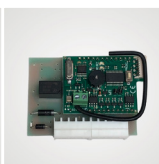
License plate reader



App or Bluetooth



Timer
(week - year)



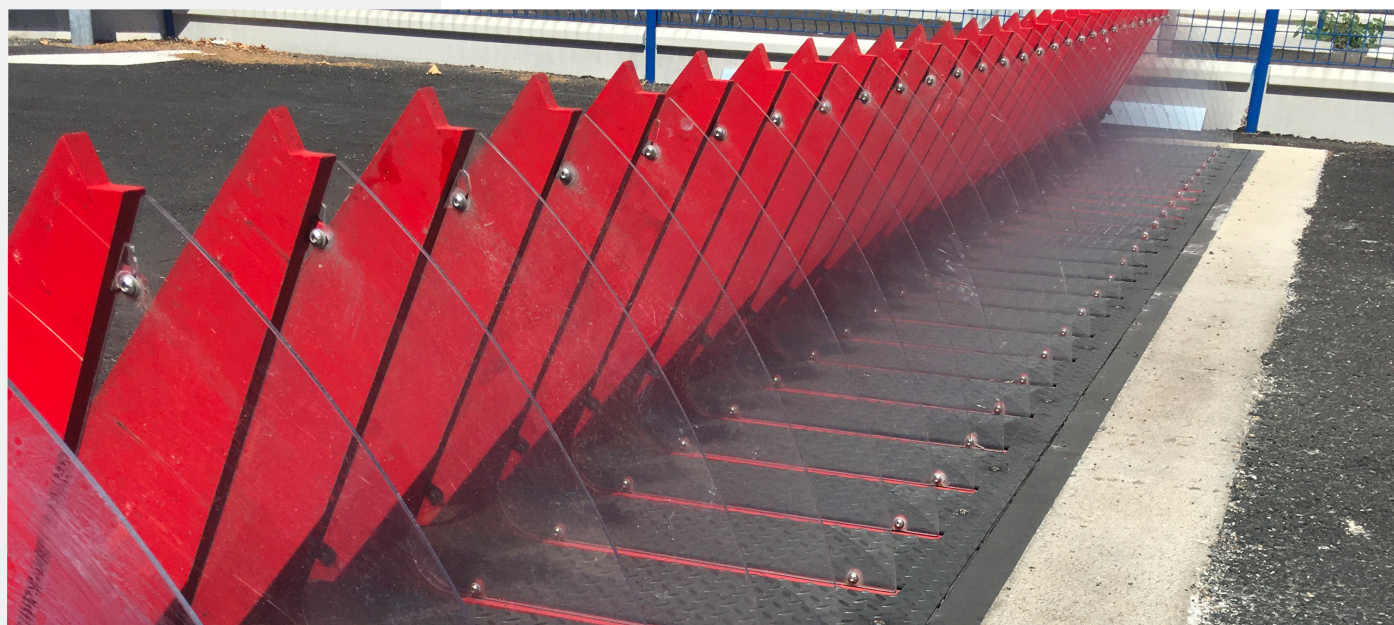
GSM activator



P-Connect



Cloud Unit W5-B



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