



# Security for business & retail

Automatic, fixed and removable bollards, barriers and access control system

**PIL**<sup>o</sup>**MAT**  
**HÖRMANN**

# Pilomat: security, innovation, Made in Italy and...

For **over fifty years**, Pilomat has been a benchmark of expertise and reliability in **vehicle access control** and **perimeter security**.

The production is entirely Italian, defined by **design, technology, quality, and sustainability** — key elements that ensure reliable and long-lasting solutions.

Through a combination of engineering, functional design, and continuous investment in innovation, Pilomat develops **integrated and high-performance solutions** for every context.

## Why choose Pilomat?

### Solutions for Every Context



From residential areas to high-security sites, Pilomat offers the **most complete range** of bollards, barriers, road blockers, mobile systems, and accessories. Protection, aesthetics, and functionality without compromise.

### Fast and Simplified Installation



Products **100% tested**, featuring pre-installed cables, ready-to-use control units, and intuitive interfaces. **Less installation time, fewer errors, lower costs.**

### Maximum Certified Security



**Over 20 crash-rated solutions**, tested according to PAS68, IWA 14-1, ASTM, DIN SPEC, and ISO 22343 standards. High-quality materials and strict quality controls ensure certified and long-lasting protection.

The **Security Line** includes models with TÜV validation — a guarantee of reliability.

### Customized Technology



Thanks to its in-house **Research & Development department**, Pilomat designs tailor-made systems — from a single bollard to the most complex integrated installations.

## Recognized and approved security

### Italian Approval



In Italy, Pilomat bollards were the first to pass the rigorous tests of the Ministry of Transport, obtaining **two official type-approvals** that authorize their installation on public roads throughout the country.

### International Certifications



Our work is based on continuous product evolution, careful material selection, and rigorous safety testing — a commitment that has earned Pilomat prestigious international certifications, **ensuring proven quality and reliability.**



**Public spaces**



***Retail and Business***



**Private spaces**



**Temporary event protection**



# Shopping centers

## 275/P 500-600-800SA

The **semi-automatic bollards** of the P Series are the **ideal solution for occasional use**: safe, practical, and completely independent from electrical power supply. The gas spring system enables **automatic lifting**, while **lowering** is achieved **with a simple foot press**.



Shopping centers require **safe, organized, and easily accessible spaces**. Pilomat solutions protect entrances from unauthorized access and allow vehicle entry to be limited or permitted in a controlled way, even in areas that are normally pedestrian. Their **discreet and functional design** blends seamlessly with the surroundings, enhancing the **aesthetics of commercial areas** without compromising accessibility.



### Energy series

The multifunctional stations can be installed indoors and outdoors to provide **electricity, compressed air, telephone, and water** in a practical and organized way. Ideal for exhibitions, **temporary shops**, or maintenance operations, they deliver services without causing obstructions or affecting the aesthetics of the environment.



### PL series

**Fixed bollards** are perfect for **defining** the surrounding areas of shopping centers. They provide effective protection against intrusions and are aesthetically coordinated with the automatic and semi-automatic versions.

# Flexible access control

## Location

Cavenago, Italy

## Project

The main entrances of the “Il Gigante” supermarket are normally reserved for pedestrian use but must **occasionally be opened** to allow the passage of equipment or bulky items. The customer therefore required a system that combined safety and practicality, **allowing the area to be secured without compromising full accessibility when needed.**

## Pilomat Solution

To meet these requirements, Pilomat installed semi-automatic bollards model **275/P-800SA**, an ideal choice to secure access points **without electrical connections or complex works.** The system allows the lane to be **fully opened when needed** while ensuring maximum security during closure periods. All bollards are **operated with the same key**, simplifying daily management and making operations **quick and intuitive** for the shopping center staff.

# Shopping streets

## 127/P 600-800A

The automatic bollards of the P Series are the **ideal solution to protect shops and safeguard storefronts**, ensuring both security and practicality. Thanks to their **automatic lifting system**, they allow quick and safe access management whenever needed.



Commercial streets and historic city centers require solutions that **protect businesses without compromising their aesthetics**. Pilomat systems **prevent ram-raiding and unauthorized access**, ensuring safety and visual harmony even in the most refined urban environments. **Versatile solutions**, suitable for every need, from occasional use to continuous operation.



### RM series

**Removable bollards** provide effective protection for shopfronts, outdoor areas, and access points of shops or restaurants, ensuring both **safety and flexibility**. Easy to remove without the use of tools, they are ideal for spaces that may need to be converted into **passageways** or loading and unloading zones.



### Design series

The **Design fixed bollards** stand out for their **refined aesthetics**. Installed in front of retail stores, they provide **protection** against impact and can be used to **separate pedestrian paths** from the roadway, blending seamlessly with urban surroundings.

# Protection against ram-raiding

## Location

Lugano, Switzerland

## Project

A high-end watch boutique required effective **protection against potential vehicle intrusions**, without compromising the refined image of its storefront. The goal was to combine **security and design**, ensuring full accessibility during opening hours.

## Pilomat Solution

Pilomat responded with a custom system consisting of **fixed Design Series bollards** and an automatic **127/P-800A** bollard installed in front of the main entrance. This configuration protects the most exposed access point while maintaining an elegant appearance consistent with the surrounding urban environment. The **hydraulic technology** of the 127/P-800A model ensures **smooth, quiet, and reliable** operation, ideal for high-end commercial settings.

# Companies and dealerships

**275/P10 600-800A**

The automatic bollards of the P10 Series offer **high impact resistance thanks to their reinforced cylinder**. Ideal for **managing access** in industrial facilities and logistics areas, they ensure reliable **protection and control** of entry points even under high traffic conditions.



Pilomat **solutions** ensure safety and control at the access points of **commercial premises, industrial facilities, and dealerships**. They prevent intrusions and **unauthorized entries, protecting assets, people, and operational areas** from theft or damage.



## **FB series**

The **fixed bollards** of the FB Series provide a high level of protection with a **reinforced structure and foundation**. Installation is quick and can include **LED lighting** for improved night-time visibility.



## **Park series**

Parking barriers **protect reserved parking spaces**. **Compact and easy to use**, they allow private areas to be managed safely and efficiently. The **anti-tamper alarm** makes them a simple yet effective solution.

# Proactive access point security

## Location

Varese, Italy

## Project

The dealership required a solution to **prevent the theft of vehicles and equipment**, securely manage access for employees and suppliers, and maintain **perimeter protection even during closing hours**, when the risk of intrusion is higher.

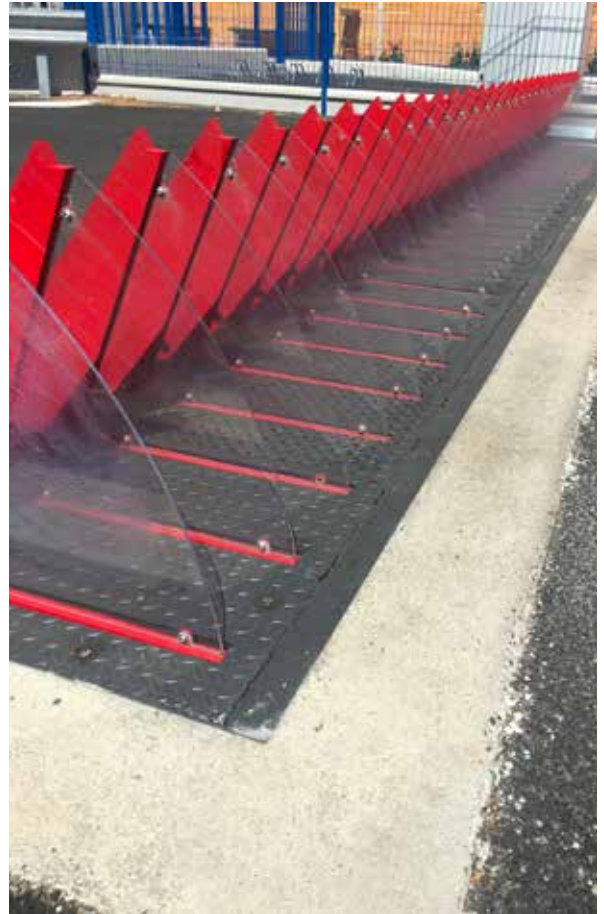
## Pilomat Solution

To meet the customer's needs, Pilomat proposed the automatic bollard **275/P10 800A** which, thanks to its **10 mm reinforced cylinder**, offers the **highest level of impact resistance within the Security Line**. It drastically reduces the risk of theft, protecting the access point against intrusions without slowing down the company's daily operations. When needed, the gate can remain open while the bollards stay raised, allowing safe pedestrian passage only. A **solid and reliable solution** that combines protection, automatic control, and operational flexibility in a single system.

# Security solutions for critical areas

## Tyre Killer Big

The Tyre Killer Big features high-strength steel blades that **puncture tires** in the event of an **attempted intrusion**, ensuring an **immediate and irreversible response**. In the automatic version, it can be **integrated with bollards** or other **access control devices**, providing complete and synchronized protection.



For Pilomat, High Security means **protecting every access point with high-performance systems**. Bollards and barriers designed for **sensitive sites ensure maximum strength**, advanced technology and long-term reliability, all while maintaining seamless **aesthetic integration** with the surrounding environment.



### K4/M30 series

When sites become more **sensitive and vehicles heavier**, it's best to choose certified High Security bollards:

- automatic,
- semiautomatic,
- removable,
- fixed,

They ensure maximum resistance and protection for every requirement.



### Barrier

Automatic closing system **designed for intensive use**, capable of **securing passages up to 6 meters wide** in both directions. Equipped with photocells and prepared for traffic light integration on the covers, ensuring **maximum visibility** and **safety**.

# Infrastructures and critical areas

## Location

Bordeaux, France

## Project

Within the company site, dedicated to the management of high-value goods, there were critical areas accessible only to **specific vehicles and authorized staff**. In these zones, a **faster yet highly effective security system** was required, one that would avoid the need for an additional gate. The goal was clear: provide **immediate and reliable protection** capable of **stopping any unauthorized access attempt**, without hindering the transit of permitted vehicles.

## Pilomat Solution

Pilomat installed the **Tyre Killer Big** system, a High Security barrier designed to ensure **immediate response** and **absolute reliability**. In the event of unauthorized access, **the steel spikes rise and puncture the vehicle's tires**, stopping it instantly. Integrated with the company's access control system, it allows selective management of **authorized vehicles while maintaining maximum security** at all times.

# ...respect for the environment

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## Environmental protection and safety: a perfect balance

At Pilomat, safety goes beyond access control, it is a principle that also extends to **environmental protection**. We have taken a concrete step toward sustainability, becoming the first company in the world to obtain **EPD (Environmental Product Declaration)** certification for our automatic bollards: 275/K12EMB-900A and 275/K12-900A.

This certification confirms **our commitment** to assessing and communicating the environmental impact of our products throughout their entire life cycle, in accordance with the international ISO 14025 standard.



## A shared commitment with the Hörmann Group

Since 2016, Pilomat has been an integral part of the Hörmann Group, Europe's leading company in the civil and industrial door and closure sector. Together, we pursue a shared vision of sustainability based on three key principles: **calculation, reduction, and compensation** of CO<sub>2</sub> emissions.

Each year, we analyze the CO<sub>2</sub> balance of our facilities — including the products we manufacture — to identify the main sources of impact and implement targeted measures to reduce them. Residual emissions are offset through certified projects, contributing to the **production of climate-neutral products**.

## Sustainable innovation for a better future

Sustainability is at the core of every stage of our production process — from material selection to the design of efficient and long-lasting solutions. We work closely with qualified partners to ensure that every Pilomat product meets the highest environmental standards while maintaining outstanding performance and security.



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