



Security for public

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

PILMAT
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



Historic centers and limited traffic areas

275/P 600-800A OM8

The **OM series** automatic bollards, approved for use on public land in Italy, are a safe and **secure solution for managing traffic** in restricted traffic zones, pedestrian areas and historic town centers.



Remote control with
P-CONNECT
SMART ACCESS CONTROL



Pilomat bollards are the ideal solution for **regulating access** to restricted traffic areas and in historic centers. Designed to integrate with the surrounding environment, they guarantee **safety** and **control** without altering the aesthetics of the places, preserving the architectural heritage and improving daily liveability.



RM series

Removable bollards are the practical and safe solution for areas with **occasional** traffic: they can be removed without tools and guarantee protection and **safety** for use in **any context**.



PF series

Fixed bollards offer **permanent protection** for squares, buildings and pedestrian areas, with simple installation and **guaranteed** protection **over time**.



School area

Location

Villa d'Almè, Italy

Project

Ensuring **safe entry and exit** from school is a priority for the municipality of Villa d'Almè, achieved through careful **regulation of traffic flows without interfering with the daily activities**. A solution that ensures order, protection and functionality in a context that requires the highest level of attention, like school area.

Pilot solution

In the context of a school environment, where student **safety** and **access regulation** are top **priorities**, the most suitable solution is the automatic bollard 275/P 600A OM8. Completely **compliant with public land regulations** and equipped with all the **accessories required for the approval**, the system ensures rapid and reliable **opening and closing**, managed by a **centralized control unit**. The integration of the **timer** allows for automated access management, perfectly **synchronized** with school hours. The bollards are raised **only** during entry and exit times, ensuring an orderly and safe flow for students.

Squares and pedestrian areas

Citygate

City Gates are the sliding mobile barriers that regulate access to pedestrian areas with **discretion** and **elegance**. **Approved** for the public use, they do not require excavations and integrate **planters** harmonize with the urban environment.



Squares and pedestrian areas are the heart of the city. Pilomat solutions ensure **safety without compromising the urban aesthetic**, they regulate traffic and protect citizens and visitors.

Harmonious, reliable, and safe solutions to make the city more livable.



SA series

Ideal for **occasional** use, these **semi-automatic** bollards guarantee safety **without electrical power**. Lifting is automatic by a gas spring, and lowering is manual and intuitive.



Design series

Design **fixed** bollards are engineered for those effective seeking yet visually **harmonious** protection. **Quick installation** by fixing in concrete or with a screw-on flange.



Waterfront redevelopment

Location

Limone sul Garda, Italy

Project

Enhance the area as a pedestrian zone, while maintaining occasional vehicular access. A solution designed to guarantee safety, order and livability without compromising urban aesthetics.

Pilomat solution

City Gate the mobile sliding barrier approved for public use in its single-sided version with integrated planter is ideal for this urban context. Installation without excavation allows for quick setup and reduced activation times, while the presence of additional planters along the route ensures the solution is perfectly coordinated with the existing environment. Access control is simple and functional, even via remote control or license plate reading.



Tourism and transport

220/EM 600-800A

The EM Series automatic bollards combine advanced **technology and sustainability**, ensuring smooth, silent movement and energy efficiency. Ideal for high- frequency installations, they offer low maintenance, centralized control of up to nine units and **simplified installation**.



The Pilomat solutions offer safety and order in every **tourist context**, from accommodation facilities to museums and even stations. They **regulate** vehicular flows and **protect spaces** with discreet and elegant, integrating into the urban environment without compromising accessibility.



P series

Automatic bollards ensure **resistance, durability** and high **performance** for areas and infrastructures with high tourist flow.



Energy series

Energy stations, provide electricity, telephony, compressed air and water, **integrating discreetly** into urban spaces, campsites and parks.



Natural Science Museum

Location

Barcelona, Spain

Project

In a context that requires high standards of **sustainability and environmental respect**, it is necessary to effectively protect the museum entrance for visitors, while ensuring safety, **usability and accessibility of the spaces**. All this must be achieved without compromising architectural harmony.

Pilomat solution

Pilomat provides a solution that combines protection, efficiency and sustainability: the **220/EM 800A** model is an oil-free, **low-energy system** that integrates harmoniously into the museum area, **safely managing visitor access** and helping to preserve the tranquillity of the spaces.

Infrastructure and critical areas

275/K12 900A

The automatic hydraulic bollards offer **high performance**, long life and resistant to **intensive cycles**, making them ideal for more sensitive sites. The hydraulic control unit, guarantees **reliability and consistent performance over time**.



Protecting buildings and critical infrastructure is essential. The High Security line offers the **maximum level of protection for sensitive public access**, combining **resistance, reliability and advanced technology** to ensure the safety of citizens and urban spaces.



Road blocker series

Road Blockers guarantee **maximum perimeter protection** with simplified installation and **shallow foundation**. They block the passage of any type of vehicle, **ideal for high-security environments**.



SF series

The **SF Series** bollards guarantee **certified protection** even in critical contexts. Easy to install, with only **200mm of excavation**. Available in **fixed or removable** versions, both customizable with **stone cladding**.

St. Peter's Square - Vatican

Location

Vatican City

Project

In view of the **Jubilee** and the expected **high influx** of faithful and tourists, it is essential to provide effective perimeter protection for St. Peter's Square and the surrounding areas, able to ensure safety in a **high-risk** context and to prevent potential act of terrorism.

Pilomat solution

The objective is to ensure optimal, effective and continuous protection, in line with the requirements of a context with symbolic value. To meet this need, Pilomat offers automatic bollards **275/K12 900A**, designed to withstand **intensive operating cycles** and offer **high performance** in all conditions. These devices are installed at main and frequently used entrances, where secure and **intelligent transit management is required**. To ensure complete closure of the gates and guarantee continuous of perimeter protection, the system is integrated with shallow foundation removable bollards **275K12SF 900RM**. Also installed at secondary or less frequently access points, they are designed to remain closed on a daily basis but can be **removed when necessary** to allow access only in exceptional situations or during controlled interventions. Their structure allows for quick and simple removal, offering flexibility without compromising overall security.



...respect for the environment

Reg. EPDITALY0412
Valid. 25.05.2028
www.epditaly.it



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 CO₂ emissions.

Each year, we analyze the CO₂ 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.

