



AUTOMATIC

P
SERIES



TRAFFIC CONTROL



PUBLIC



COMMERCIAL



PRIVATE

220/P-600A / 220/P-800A

Automatic bollards with integrated hydraulic unit



Perfect for managing urban and commercial access

The automatic bollards of the **P Series** are the ideal choice for managing urban traffic and controlling access in **historic centers, residential areas, corporate parking lots, and commercial zones**. Thanks to the **integrated hydraulic technology**, they ensure **continuous and safe operation even under heavy traffic conditions**.

- **Smart access control** for historic centers and Limited Traffic Zones (ZTL)
- **Protection** for private and commercial parking areas with high flow
- **Resistance up to 150,000 J** to meet urban requirements
- **Simultaneous management of multiple bollards**
- Various configurations for **perfect integration in urban settings**.

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:

- **Anthracite grey painted steel bollard**, a device for controlling vehicle access
- **Steel foundation box with aluminium zinc coating**, an underground structure housing the bollard
- **Control unit**, manages the operation of the bollard.

PILMAT
HÖRMANN

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



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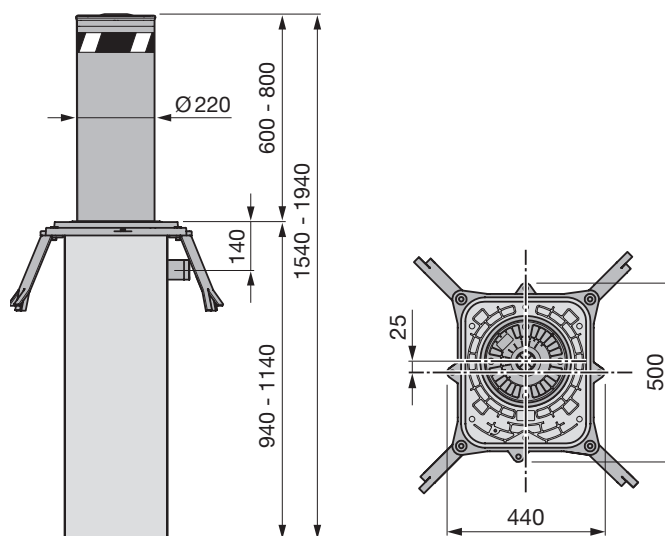
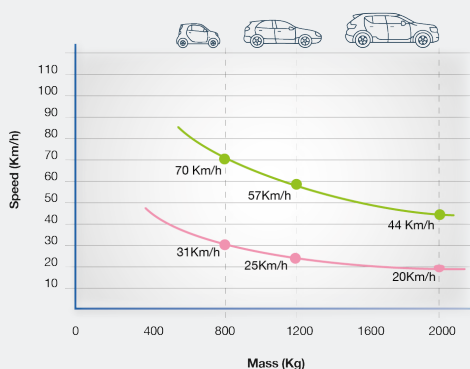


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Automatic bollards with integrated hydraulic unit

	220/P-600A	220/P-800A
Cylinder material	S235JR normal steel - X5CrNi 18-10 (AISI 304) stainless steel	
Cylinder diameter	220mm	
Cylinder height	600mm	800mm
Cylinder thickness	4mm	
Movement principle	Hydraulic	
Cylinder normal steel finish	Anti-corrosion treatment - grey anthracite standard painting	
Cylinder stainless steel finish	Grey anthracite standard painting or brushing	
Reflecting adhesive strip	Standard - height 55mm	
Rising time	3s	3,5s
Lowering time	2s	2,5s
Emergency lowering	Standard (optional: automatic lowering)	
Safety reversal	Standard	
Connection line to control unit	Standard 10m (max 80m - with heating element max 50m)	
Voltage for control unit	230/400 VAC (+/- 10%) 50/60Hz	
Hydraulic pump	Built-in the bollard	
Protection class	IP 67	
Type of use	2000 Cycles/day	
Life units	3.000.000 Cycles	
Impact resistance	30.000 J	
Breakout resistance	150.000 J	
Nominal operating temperature	-40°C +70°C (for low temperatures see heating resistance)	
Load class (EN124)	D400	



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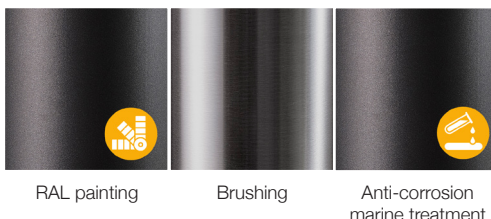


220/P-600A / 220/P-800A

Automatic bollards with integrated hydraulic unit

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

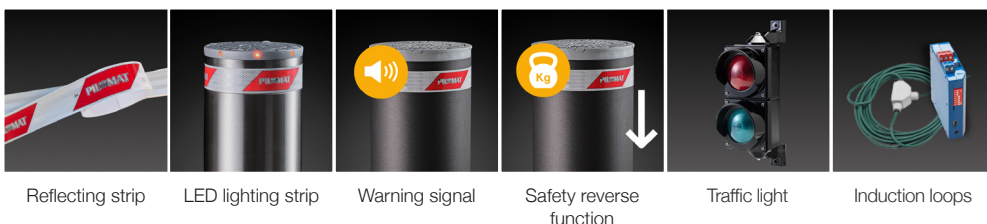


RAL painting

Brushing

Anti-corrosion
marine treatment

Safety and visibility



Reflecting strip

LED lighting strip

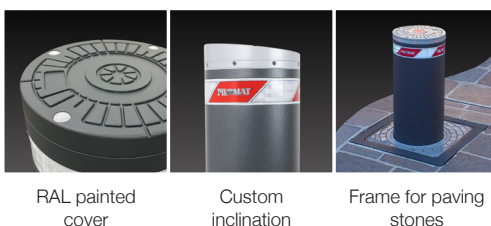
Warning signal

Safety reverse
function

Traffic light

Induction loops

Special design



RAL painted
cover

Custom
inclination

Frame for paving
stones

Functions



Automatic
lowering

Heating element

UPS unit

Sensors: alarm,
crash

Biodegradable
oil

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Pilotmat 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



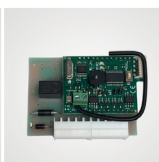
License plate reader



App or Bluetooth



Timer
(week - year)



GSM activator



P-Connect



Cloud Unit W5-B



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