



P
SERIES



275/P10-600A 275/P10-800A

Reinforced automatic bollards with hydraulic unit



IMPACT RESISTANCE VERIFIED



Maximum protection for companies, warehouses, and logistics

The automatic bollards of the **P10 Series** are designed to ensure **high protection in corporate and private settings** where a higher security level is required.

Perfect for managing access to **warehouses, logistics centers, and industrial facilities**, they ensure strict traffic control and prevent unauthorized intrusions.

- Breakout resistance of **400,000 J**, the highest in the Safety Line
- **Reinforced 10 mm cylinder** for superior security
- **Integrated hydraulic system** for intensive and reliable use
- **Flexible management**, with up to 80m distance between bollard and control unit
- Also available with **biodegradable oil**.

Smart!

With additional protection, **275P10-800A** is also available with **EFO**



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.

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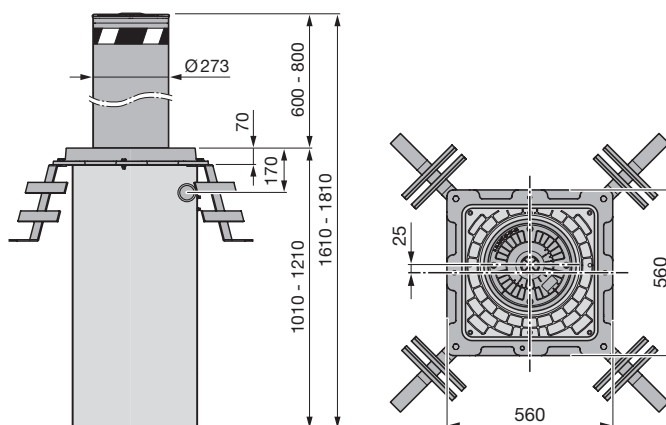
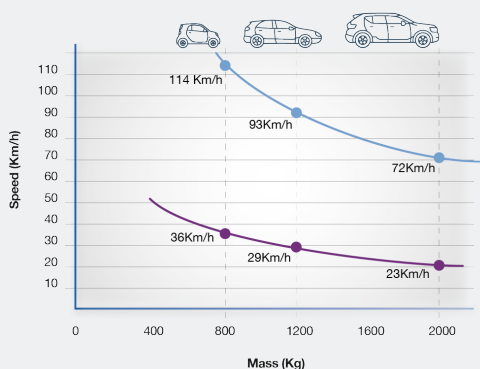
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	275/P10-600A	275/P10-800A
Cylinder material	S235JR normal steel - X5CrNi 18-10 (AISI 304) - X5CrNiMo 17-12-2 (AISI 316) stainless steel	
Cylinder diameter	273mm	
Cylinder height	600mm	800mm
Cylinder thickness	10mm	
Movement principle	Hydraulic	
Cylinder 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	4s	4,5s
EFO rising time	-	1s
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	40.000 J (approved by TÜV Rheinland)	
Breakout resistance	400.000 J	
Nominal operating temperature	-40°C +70°C (for low temperatures see heating resistance)	
Load class (EN124)	D400	



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AUTOMATIC

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TRAFFIC CONTROL



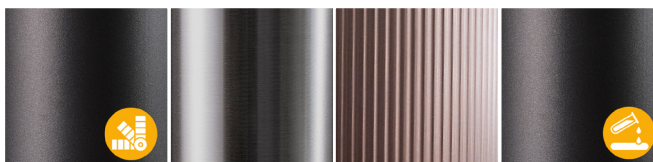
PUBLIC



COMMERCIAL

Pilotat 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



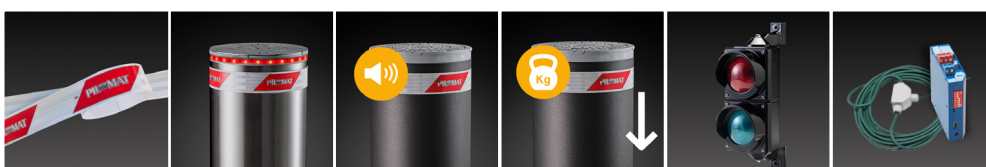
RAL painting

Brushing

Knurling

Anti-corrosion
marine treatment

Safety and visibility



Reflecting strip

LED lighting strip

Warning signal

Safety reverse
function

Traffic light

Induction loops

Special design



Custom cover
plate

RAL painted
cover

Custom
inclination

Frame for paving
stones

Functions



Automatic
lowering

EFO (Fast
emergency
operation)
275P10 800A

Heating element

UPS unit

Sensors: alarm,
crash

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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