



P
SERIES



PUBLIC



COMMERCIAL



PRIVATE

275/P 500SA
275/P 600SA
275/P 800SA

Semi-automatic bollards with gas spring



IMPACT RESISTANCE VERIFIED



Simple and intuitive access control

The **P Series** semi-automatic bollards are the ideal solution for those seeking a reliable security system for **occasional use**. Perfect for restricted traffic areas, **private driveways**, corporate **parking lots**, and **residential zones**, they offer effective protection without the need for electrical power.

Thanks to the gas spring, the bollard **rises automatically**, while **lowering is performed manually** and intuitively with light foot pressure.

- **No electrical power required**
- **Manual lowering** and **automatic rising** via gas spring
- **Guaranteed safety** with integrated lock compliant with UE standard DIN 18252
- **Low costs** of installation and maintenance
- **Available with LED**.

Smart! Installation with more bollards?
Request for an identical key!



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
- **Foundation box**, an underground structure housing the bollard.

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



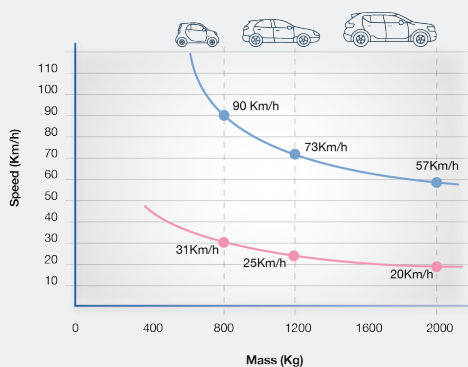
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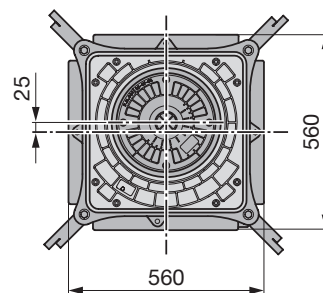
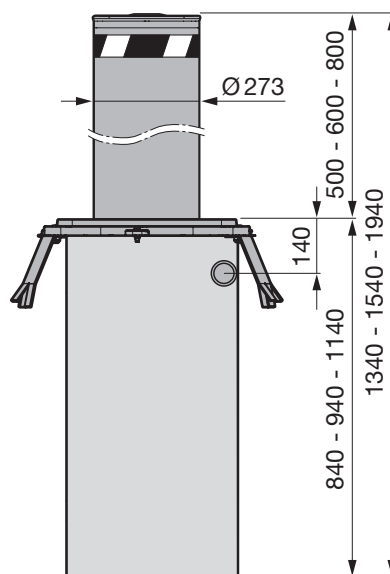
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Semi-automatic bollards with gas spring

	275/P-500SA	275/P-600SA	275/P-800SA
Cylinder material	S235JR normal steel - X5CrNi 18-10 (AISI 304) stainless steel		
Cylinder diameter	273mm		
Cylinder height	500mm	600mm	800mm
Cylinder thickness	6mm		
Movement principle	Semiautomatic with gas actuator		
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	2,5s	3s	4s
Lowering time	Manual (by pushing down with foot)		
Connection line for LED lighting strips/ heating element (optional)	Standard 10m (max 80 - with heating element max 50m)		
Protection class	IP 67		
Impact resistance	30.000 J (approved by TÜV Rheinland)		
Breakout resistance	250.000 J		
Lock	Standard - triangular lock 11mm		
Nominal operating temperature	-40°C +70°C (for low temperatures see heating resistance)		
Load class (EN124)	D400		



Impact resistance 30,000 J
Breakout resistance 250,000 J



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Semi-automatic bollards with gas spring

Pilomat offers **safety accessories** for every installed system: reflecting strip, LED lighting strip. Each device is designed to **ensure maximum efficiency, clear signaling and secure control.**

Available finishes



RAL painting



Brushing



Knurling



Anti-corrosion
marine treatment

Functions



Heating element

Safety and visibility



Reflecting strip



LED lighting strip

Special design



RAL painted
cover



Custom
inclination



Frame for paving
stones



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