

RM
SERIES



PROTECTION



PUBLIC



COMMERCIAL

275/K12SF-900RM 275/M50SF-1200RM

Removable bollards with shallow foundation

Guaranteed security with only 200mm of excavation

The removable **shallow foundation bollards** offer advanced protection with simplified installation, requiring **just 200 mm of excavation**.

The cylinder can be **quickly removed** using a forklift or crane, and the closed basement ensures maximum stability without leaving openings.

- **Only 200mm excavation** required (300 mm on stone surfaces)
- **Quick removal** via forklift or crane
- **Secure and integrated** unlocking and lifting system
- **Resistant to impacts** with trucks at 80 km/h (**K12/M50 level**)
- Designed in compliance with **ASTM, IWA 14-1, PAS68** standards.
- **More elegant and corrosion-resistant** with the replaceable **stainless steel sleeve**.

Smart! **Modular installation?** The connecting element enhances the system's resistance



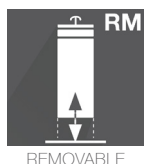
Standard configuration

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,
- **Basement**, an underground structure housing the cylinder.

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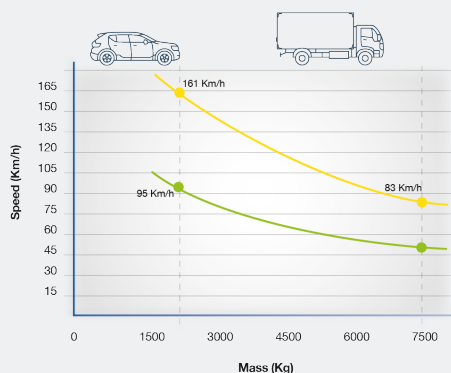


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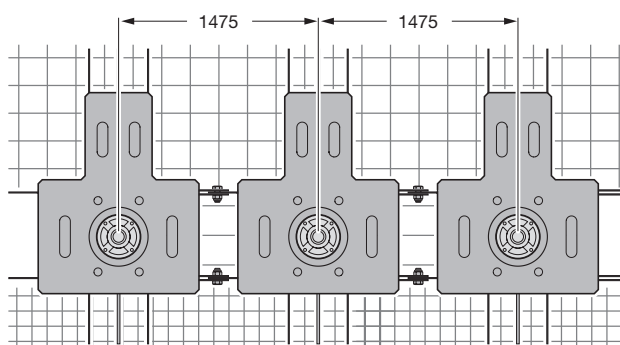
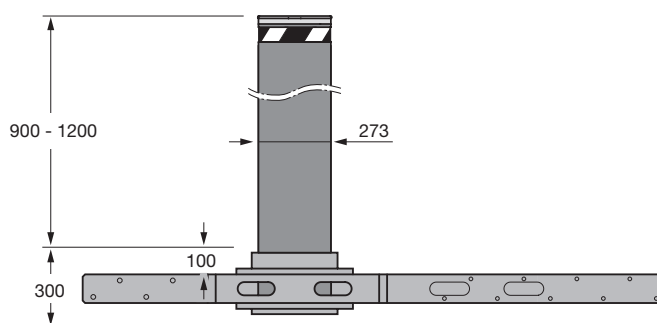
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Removable bollards with shallow foundation

	275/K12SF 900RM	275/M50SF 1200RM
Cylinder material	S235JR normal steel - X5CrNi 18-10 (AISI 304) stainless steel	
Cylinder diameter	273	
Cylinder height	900mm	1200mm
Cylinder thickness	20mm	
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	
Cylinder weight (without base)	170 kg	220 kg
Base weight	184 kg	
Security lock	Euro profile cylinder lock incl. 2 keys	
Perimetral crown (circular)	Included in the supply	
Impact resistance	700.000 J	
Breakout resistance	2.000.000 J	
Load class (EN124)	D400	
In compliance with	PAS68, IWA 14-1, ASTM M50 (K12)	

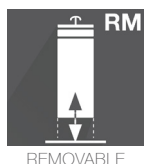


Breakout resistance ● 700,000 J
Impact resistance ● 2,000,000 J



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Removable bollards with shallow foundation

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

Available finishes



RAL painting



Brushing



Replaceable
stainless steel
sleeve



Stone mantle



Anti-corrosion
marine treatment

Safety and visibility



Reflecting strip

Special design



RAL painted
cover



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