

RM
SERIES



PROTECTION



PUBLIC



COMMERCIAL

275/K12RM-900 275/M50RM-1200

Removable bollards with reinforced basement

Certified protection with quick removal

The High Security **removable bollards** combine certified protection with maximum efficiency, ideal for areas with limited or **occasional access**. The **smart unlocking and lifting system** is integrated into the head, ensuring protection against tampering. The cylinder can be **removed quickly** using a forklift or crane.

- **No power is needed**
- Perfect for **mixed systems**, thanks to **matching design** with automatic and fixed models
- **Also available with LED lights** for improved visibility
- **Integrated unlocking and lifting system** for secure handling
- **Withstands impacts** with trucks **at 80 km/h (K12/M50 level)**.

Smart!

Also available in **shallow foundation version** for reduced excavation depth (only 200mm).



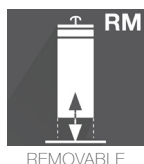
Standard configuration

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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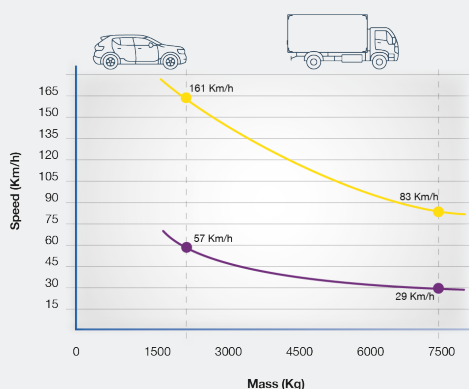


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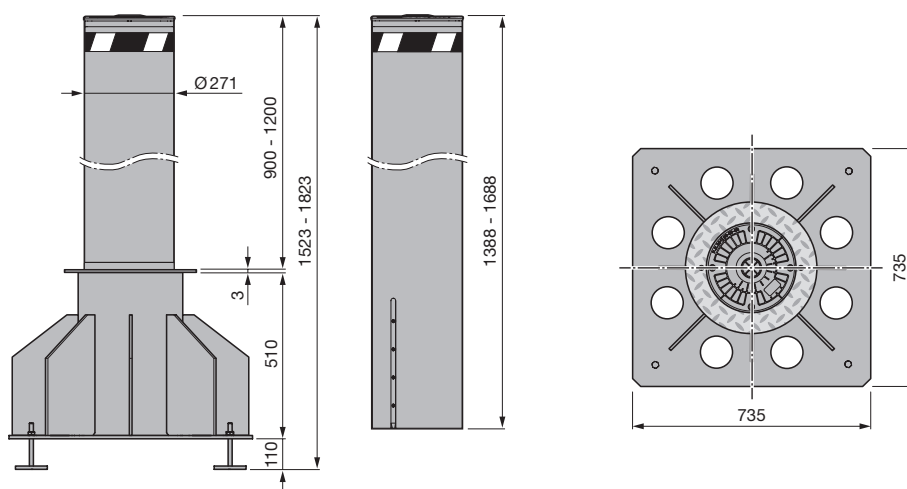
Removable bollards with reinforced basement

	275/K12RM 900	275/M50RM 1200
Cylinder material	S355JR normal steel - X5CrNi 18-10 (AISI 304) - X5CrNiMo 17-12-2 (AISI 316) stainless steel	
Cylinder diameter	271mm	
Cylinder height	900mm	1200mm
Cylinder thickness	23mm	
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)	199 kg	243 kg
Base weight	184 kg	
Security lock	Euro profile cylinder lock incl. 2 keys	
Perimetral crown (circular)	Included in the supply	
Impact resistance	250.000 J	
Breakout resistance	2.000.000 J	
Load class (EN124)	D400	
In compliance with	PAS68, IWA 14-1, ASTM M50 (K12)	



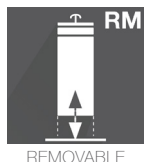
Impact resistance
● 250,000 J

Breakout resistance
● 2,000,000 J



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Removable bollards with reinforced basement

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

Available finishes



RAL painting



Brushing



Stone mantle

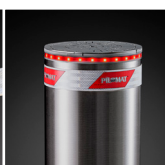


Anti-corrosion
marine treatment

Safety and visibility



Reflecting strip



LED lighting strip

Special design



RAL painted
cover



Custom
inclinations



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