**Semi automatic rising bollard integrated pump into the controller**

**PILOMAT 275/PL 500SA**



PILOMAT 220/PL 500SA semi automatic bollard uses gas piston and have been created on the manufacturing process to be the same appearance and technical features as the moving PILOMAT in order to combine the two version. The current design is the result of more than 15 years of continuous development

**Recommended applications**

Pedestrian street – Private parking – Parking companies – Private roads – industrail roads

**General Features**

* The aim of development the semi automatic rising bollard of PILOMAT, release in the trafic temporarly to the pedestrian streets and private areas in order to pass over and stay there. The semi automatic PILOMAT bollard recommended for limited daily use. (in other case suggest to use the automatic rising PILOMAT bollard).

**Operation**

* **Raising:** a mechanical key opens the lock and thanks to the gas piston the column automatically rises; when it reaches the top position, the system is automatically locked to prevent unauthorized usege.
* **Sinking:** the lock have to open with the mechanic key, and push the bollard toward the ground;when it sank completely, the system will be closed in order to stop the rising of the bollard**.**
* **Opcional options:**
	+ FE370 or AISI 304 stainless steel bollard
	+ Unique color
	+ Light signal
	+ Unique mechanic key

**Technical specification**

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| Bollard material |  | FE 370 steel (iron) – AISI 304/316 stainless steel |
| Nominal Diameter of Bollard |  | 275 mm |
| Nominal High of Bollard |  | 500 mm |
| Cylinder thickness (FE 370 steel) / (stainless steel) |  | 6 mm / 6 mm |
| Surface treatement (FE 370 steel) |  | Polyester powder painting – standard painting: grey anthracite |
| Surface treatement (stainless steel) |  | Polyester powder painting – standard painting: grey anthracite - brushed |
| Reflective athesive strip |  | To have - 55 cm high |
| Impact resistance (without deformation) |  | 40.000 J (1.200 kg @ 29 km/h – 2.000 kg @ 23 km/h) |
| Breakout resistance |  | 250.000 J (1.200 kg @ 73 km/h – 2.000 kg @ 57 km/h) |