

FB C60

Technical datasheet

Rev. 03 • Update 04/2023



(Non contractual illustration)

The **FB C60** High Security fixed bollards are obstacles to the passage of vehicles preserving freedom of access for pedestrians.

With a major deterrent effect, they are designed to provide, among other things:

- Security and access control to sensitive sites.
- Management of pedestrian zones and urban traffic, by providing a dissuasive marking for vehicles but without constraint for pedestrians.
- Protection of shop windows and building façades.
- Harmonious combination with the automatic and manual bollards of the range, due to their identical characteristics (dimensions, finishing, resistance).

The bollards are available in two different cylinder heights off the ground:

- **FB C60_600** = 600 mm above ground height.
- **FB C60_800** = 800 mm above ground height.

DESCRIPTION

1. Fixed obstacle with a diameter of 273 mm and a cylinder thickness of 10 mm.
The obstacle is available in three finishes*: powder coated steel, powder coated stainless steel or brushed stainless steel (standard powder coat colour: anthracite grey).
2. 30 mm thick casted powder coated aluminium upper crown.
The upper crown is also available with LED lighting strip on the perimeter of the crown; flashing with or without warning before movement of the neighbouring terminal*.
3. 55 mm reflective strip with Automatic Systems logo.
4. Adjustment bases (4) for anchoring in the ground.
5. Reinforced cover plate.

* Product configuration to be specified when ordering.



STANDARD TECHNICAL SPECIFICATION

Impacts resistance certifications:		
Rated in compliance with	PAS68:2013 V/3500(N1)/48/90 IWA 14-1:2013 V/3500(N1)/48/90 ASTM C60	
Breakout resistance (type of vehicles)	1,5T at 80 km/h 3,5T at 48 km/h	
Breakout resistance	400.000 joules	
Impact resistance (without deformation)	40.000 joules	
	FB C60_600	FB C60_800
Obstacle height	600 mm	800 mm
Cylinder diameter	273 mm	
Foundation dimensions	1000 x 1000 mm	
Foundation depth	400 mm	
Total weight	85 kg	102 kg
Ambient operating temperature	-40°C +70°C	
IP rating	IP 67	
Complies with European standards		

OPTIONS

FOUNDATION BOX

- Square cover plate (for aesthetic floor finish similar to automatic bollards) with kit of anchors for chemical fixation.

AESTHETICS

- Finely structured matt powder coating (any RAL colour on request) of cylinder.
- Cylinder in brushed stainless steel AISI 316 instead of AISI 304 - Extra charge per bollard .
- Cylinder in powder coated knurled steel for bollards.
- Cylinder in knurled stainless steel for bollards.

CONTROL

- Lighting strip power supply (Max 8 units).*

* When semi-automatic / fixed bollards ordered alone w/o automatic bollards.

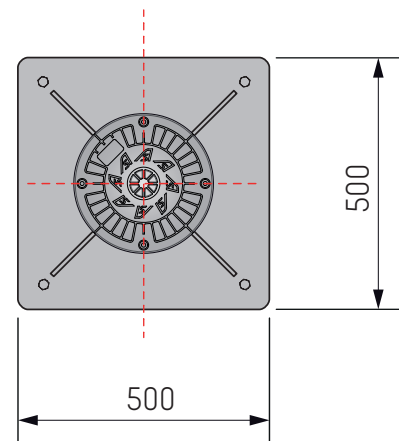
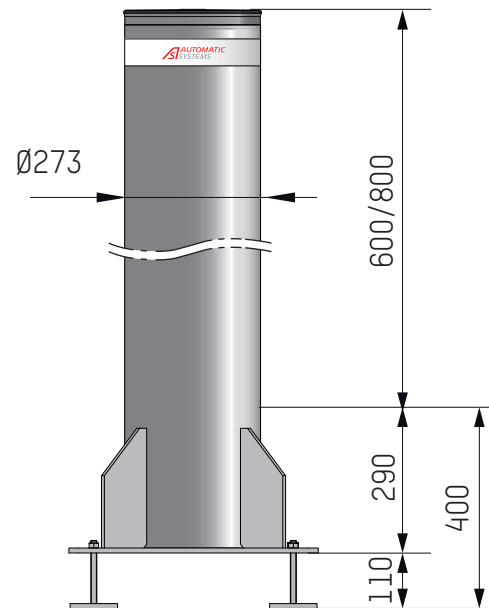
Note: For restrictions on options, please contact us.

WORKS TO BE PROVIDED BY THE CUSTOMER

- Embedding casing in a concrete foundation.
- Power supply (if LED lighting strip configuration is required).
- Drainage or connection to mains drainage.

Note: Follow the installation plan.

STANDARD DIMENSIONS



Headquarters
Avenue Mercator, 5
1300 Wavre - Belgium

✉ sales.asgroup@automatic-systems.com

☎ +32.(0)10.23.02.11

🌐 www.automatic-systems.com



FB C60-FT-EN-03