

City Bollard

The FAAC City is a metal cylinder with a piston mechanism enabling it to be raised and lowered by command



Reliable. Affordable. Dependable.

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Excellence in Automation

City Bollard

The FAAC City bollard is a metal cylinder with a piston mechanism enabling it to be raised and lowered by command. These cylindrical elements are highly resistant to impact and atmospheric agents. They are housed inside compartments set into road surfaces and control the use of space behind the bollard. FAAC City bollard offers an intelligent solution as an alternative to fixed stations, railings, barriers, chains and the like, by regulating entry of cars in given zones and controlling parking.

There are 2 versions for different use needs.

Semi-Automatic

The bollard is raised by turning the release key and its gas actuator pushes the bollard up. It can then be locked in the up position. To lower the bollard disengage the lock and manually push it down. This recharges the gas actuator for the next operation.

This type of bollard can be used when access is restricted, or be combined with the automatic version of FAAC City bollard.

It solves transit and/or parking problems without high costs and without the need for an electrical supply. In fact, thanks to the single-acting gas actuator, automatic manual lifting with the aid of a key is possible.

Automatic

The automatic version has double acting hydraulic activation (powers the bollard up and down) and a hydraulic unit (built into the device) to motorise the bollard.

It can be activated or disabled automatically by commands executed by authorised persons (holders of smart cards, remote controls etc.) or by preset time-based automatic commands (hourly programmer).

A new addition in the automatic version is the **FAAC CITY bollard K275 H700**, which was specifically designed to meet increasingly frequent security requirements. The possible impact of a vehicle against this bollard can produce 2 types of deformation. With an impact energy value of 15000 Joules, 2,000kgs at 14km/h elastic deformation occurs, the impact of the object neither disables or damages the moving parts of the structure. The FAAC CITY continues to operate normally. 350000 Joules, 2,000kgs at 67km/h causes permanent deformation which means that the bollard is disabled due to permanent damage to the moving parts and structure, but FAAC CITY stops the vehicle within one meter of the collision point. This bollard is distinguished by its very high impact and breaking resistance.

The FAAC CITY bollards not only allow smooth pedestrian flow, but also manage vehicle traffic and restricted parking, with the following advantages:

- The unit is concealed underground hence, minimal visual impact in sensitive environments
- Promotes protection of pedestrian areas in town centres.
- Allows access to authorised vehicles only.
- Reduces and optimises the use of human resources engaged in access control activities.
- Customisable colour selection for blending in with the urban surroundings.
- Safety of operation can be highlighted by buzzer and/or indicator light, according to position.
- Available with a large range of accessories.

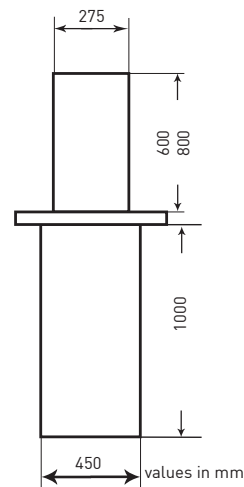
Technical Specifications

Bollard	Automatic H600	Automatic H800	Automatic K275 H700	Semi automatic H600
Cylinder	steel Fe 37 6mm or 10mm	steel Fe 37 6mm	steel Fe 510 10mm	steel FE37 6mm
Cylinder height	600mm	800mm	700mm	600mm
Cylinder diameter	275mm	275mm	275mm	275mm
Raising/lowering speed	9 secs	12 secs	9 secs	N/A
Manual release device as standard	yes	yes	yes	yes
Auto release device	optional	optional	N/A	N/A
Security (*) pressure switch as standard	yes	yes	yes	N/A
Connection cable for control unit	10 mt	10 mt	10 mt	N/A

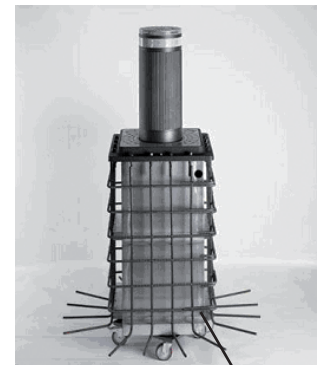
30 mt lengths are available and need to be requested at time of order

* Only works with the FAAC CITY Controller

Dimensions



K275 Foundation pit

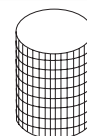


Foundation pit with log bolts

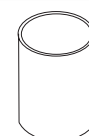
Accessories



Integrated Light



Reflective tape or customised painting for cylinder



stainless steel cylinder



Acoustic intermittent device

