

# FAAC CITY



## concealed traffic bollard



■ **We have solved the problem of accesses to old town centres or to restricted traffic zones**

In cities, especially in old town centres, traffic is becoming more and more difficult to manage. FAAC launches a new range of devices specifically studied to offer solutions for this type of problem.

■ **A valid city traffic controller**

FAAC City 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 dissuade traffic and/or parking. FAAC City offers help and an intelligent solution as an alternative to fixed stations, railings, barriers, chains and the like, by regulating entry of cars in given zones and preventing abusive parking.

The bollard therefore has a multiplicity of uses: it delimits pedestrian islands during the most crowded hour bands or permanently, it allows entry to certain zones to authorized vehicles only (tradespeople, residents, hotel or garage guests, taxis and chauffeured driven cars, holders of reserved parking permits), it delimits car parks, squares or pavements and can also be used as a safety protective device.

■ **City mobility and respect for urban decor**

FAAC City's strong point is that it best exploits available space, thanks to its mobile, concealed structure.

The bollard not only guarantees smooth pedestrian flow, but also manages vehicle traffic and restricted parking, with the following advantages:

- Does not disfigure the characteristics of the environment because it is a mobile, concealed element with minimum environmental impact.
- Ensures greater protection of pedestrian areas in old town centres.
- Allows access to authorized vehicles only.
- Reduces and optimises the use of human resources engaged in access control activities.
- Customisable colour selection for blending in with the urban context.
- Operation can be highlighted by buzzer or indicator light, according to position.
- Available with a large range of accessories.
- It is a deterrent

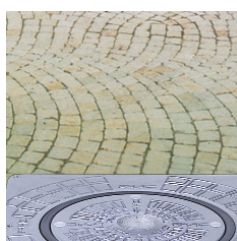


# FAAC CITY automatic



we advise installing FAAC City Automatic when many transits per day are necessary or expected.

It can be activated or disabled automatically by commands executed by authorized persons (holders of smart cards, remote controls, etc.) or by pre-set time-based automatic commands (hourly programmer). The device has double-acting hydraulic activation and a hydraulic unit (built into the device) to motorise the bollard



■ In its low position, it allows vehicle traffic



■ At the lifting stage

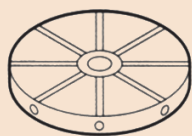


■ In its high position, it prevents vehicle traffic

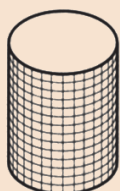
| Technical specifications FAAC CITY 275 AUTOMATIC | H 600  | H 800           |
|--|--|-----------------|
| Motion criterion                                 | Hydraulic  |                 |
| Driven cylinder                                  | Fe37 steel - thickness 6 mm                          |                 |
| Treatment of drive cylinder                      | Polyester powder paint, dark grey metallised colour  |                 |
| Driven cylinder diameter                         | 275 mm   |                 |
| Driven cylinder stroke                           | 600 mm   | 800 mm          |
| Cylinder top part (head)                         | Anticorodal case hardened aluminium                  |                 |
| Cylinder surface treatment                       | Polyester powder paint, light grey metallised colour |                 |
| Descent time                                     | 9 sec  | 12 sec          |
| Rise time  | 9 sec  | 12 sec          |
| Hydraulic pump                                   | Power supply 230 vac +6% -10% 50 Hz                  |                 |
| Protection class                                 | IP 67  |                 |
| Absorption                                       | 220 W  |                 |
| Work frequency                                   | Intensive use  |                 |
| Refracting adhesive band                         | Standard height 80 mm                                |                 |
| Manual lowering operation                        | YES(*)   |                 |
| Impact resistance                                | 6,000 joule (FE steel - thickness 6 mm)              |                 |
| Crashing resistance                              | 75,000 joule (FE steel - thickness 6 mm)             |                 |
| Dimensions of pit to be walled in                | 560x560x1020 mm                                      | 560x560x1220 mm |
| Standard length of connected cable               | 10 mt  |                 |

(\*) The "Up" bollard position is guaranteed. Even in case of power failure, by the hydraulic lock integrated into the system. As optional, available an "Automatic release device" in case of lack of power.

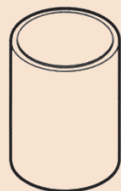
## Accessories



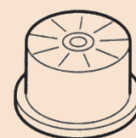
Integrated light



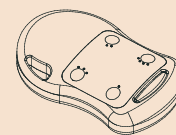
Reflective tape or customised painting for cylinder



Stainless steel cylinder



Acoustic intermittent device



DL4 868 SLH four-channel transmitter

# FAAC CITY semiautomatic



this type of bollard should be used when accesses are restricted, or be combined with the Automatic version of FAAC City. It solves transit and/or parking problems without high costs and without the need for electrical energy. In fact, thanks to the single-acting gas actuator, automatic-manual lifting with the aid of a key is possible



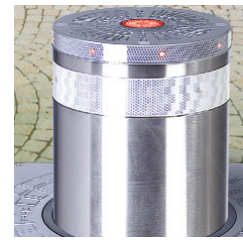
■ Turn the key to activate the release command



■ Lower by lightly pressing downward

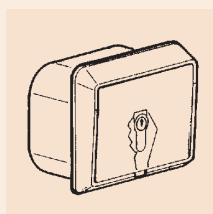


■ Turn the key to activate the release command

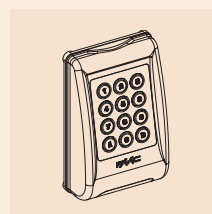


■ FAAC City lifts automatically

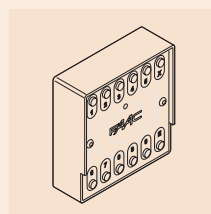
| Technical specifications FAAC CITY 275 SEMIAUTOMATIC | H 600  |
|--|--|
| Motion criterion                                     | Single effect gas piston                             |
| Cylinder   | Fe37 steel - thickness 6 mm                          |
| Treatment of cylinder                                | Polyester powder paint, dark grey metallised colour  |
| Cylinder diameter                                    | 275 mm   |
| Cylinder stroke                                      | 600 mm   |
| Cylinder top part (head)                             | Anticorodal case hardened aluminium                  |
| Cylinder surface treatment                           | Polyester powder paint, light grey metallised colour |
| Refracting adhesive band                             | Standard height 80 mm                                |
| Manual lowering operation                            | YES  |
| Impact resistance                                    | 6,000 joule (FE steel - thickness 6 mm)              |
| Crashing resistance                                  | 75,000 joule (FE steel - thickness 6 mm)             |
| Dimensions of pit to be walled in                    | 560x560x1020 mm                                      |



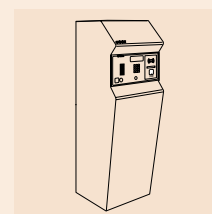
Key operated push-button



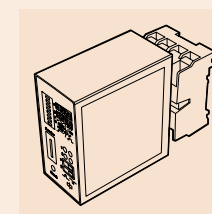
Radio keypad



Resit TPS-SA stand alone reader



CAR MP vehicle access control unit



Inductive metal detectors FG 2