



FEG-100

**BLOCK
PEDESTAL**

FOCCA[®]
SMART MOBILITY



BLOCK PEDESTAL

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The Block Pedestal FEG-100 was projected for use in environments with limited space and access of medium flow of people. It is made to guarantee reliability in the control and safety in the pass of the users. Developed with a focus on innovation, functionality and quality, it allows interface to various electronic systems of access.

APPLICATIONS: Schools, gyms, clubs, commercial buildings, bus terminals, among others.

TECHNICAL FEATURES

- Cabinet and top cover in brushed stainless steel;
- Calotte in polished aluminum for fixing arms;
- Brushed stainless steel arms with closed ends with the same material;
- External edges of the electronic turnstile rounded;
- Modulate and customizable top cover to accommodate components, like displays, readers, keyboard, among others;
- Pedestal of the electronic turnstile with front door and internal space to accommodate components or various electronic systems;
- Complete access and removal of the mechanical and electrical sets through the top cover;
- Internal components with treatment against oxidation;
- Mechanism comprising damping system rotating arms;
- Electromechanical control of both directions (bidirectional);
- Electromechanical interface with any control system (similar validator);
- Seven operating modes selected via the keyboard controller board or remotely:

Module 1: controlled entry and blocked exit;

Module 2: blocked entry and controlled exit;

Module 3: entry and exit controlled;

Module 4: controlled entry and free exit;

Module 5: free entry and blocked exit;

Module 6: free entry and exit;

Module 7: entry and exit blocked.

- PI (Protection Index): 53;
- Supply voltage: 110/220 VAC, 50/60 Hz;
- Maximum power consumed: 30 W;
- Maximum relative humidity for operation: 95% non-condensing;
- Operation temperature: -10°C ~ 55°C.

OPERATION FEATURES

For operating modes that access input and / or output is controlled, the device will keep the passage blocked until the system control (validator) send an enable signal. The lock can operate, receiving individual signal for each direction of passage.

Once performed the passage, the arms' spin returns to be blocked, waiting for a new release signal. If the user does not start the passage within a period of a pre determined time (time-out), the access returns to be blocked.

Performed for each access (entry or exit), the electronic interface of the block sends an individual signal for the end of the spin.

During the passage of the user, the electromechanical system prevents the movement of the arms in the opposite direction of the authorized passage, besides guaranteeing the return to the locked position after the end of the access. Access control is performed with only one solenoid for locking both directions, being energized only in attempt to passages unauthorized – avoiding unnecessary power consumption. In the absence of electricity, the passage will remain released for both direction.

OPTIONAL

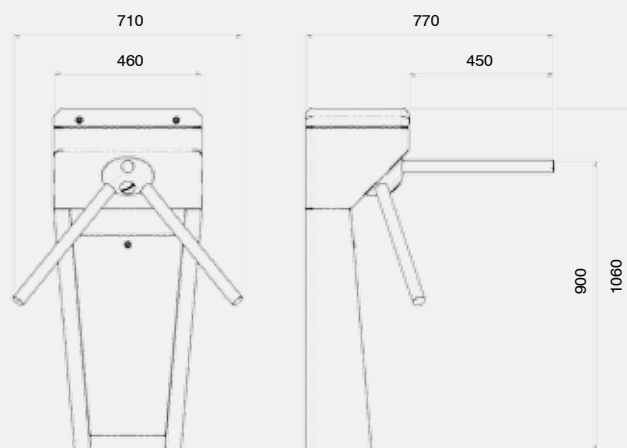
- **Painted electronic turnstile:** Electronic turnstile and frame of the top cover in carbon steel, coated with electrostatic powder paint, in the color black;
- **Stainless Steel electronic turnstile:** Electronic turnstile in carbon steel, coated with paint electrostatic powder coating in black top cover and brushed stainless steel;
- **Antipanic system (fall arms):** In a lack of electric energy or through an appropriate electrical pulse, the lock arm will automatically articulate to the vertical position, undoing the passage's barrier. To restore the standard operating state, the articulated arm must be manually returned to the lock position;
- **Operational pictograms:** Luminous indicated signal of authorization of the access (released or blocked);
- **Electromechanical counter:** Component registrant of the numbers of passages of entry and/or exit;
- **Collector box:** Receptacle lodged in the interior of the electronic turnstile that collects the user's cards;
- **Mechanical control of access:** Unidirectional or bidirectional way of passage, without electrical interface of control.



FOCA has its own engineering and manufacturing departments and many customizations can be developed upon request.

Dimensions

The exposed dimensions are from the standard Foca's model, possible alterations can be evaluated, according to the customer's needs.



• FOCA reserves the right to make changes to its products without prior notice.