



**MOTORIZED GATE PORTAL FOR ACCESS CONTROL**

GATE BOX is a product thought to meet the needs of innovative banks that want to be safe, easily accessible and cosy. It is made by very thin profiles and an elliptic base to lean it directly on the already existing floor and avoid any building works. Easy to be installed it has large doors and lateral walls together with curved glasses too. Besides it is provided with some solid uprights for fixing to the structures already existing on the installation site. It is available in a lot of versions, including the disassembled one. It can be supplied in various kinds of colours and finishing such as embossed or painted finishing, RAL/different colours (on demand), smooth finishing, stainless steel, or bronze or aluminium coating and so on.

**FEATURES**

- Functioning by interlocking doors
- 3rd lateral door for clerks' safety entry/exit (optional)
- ATM/CARD reader for functioning in self areas
- Door releasing system for external door provided with functioning certification in self areas
- Programming remote console with interphone system
- Light signalization system
- Sensors for door opening
- Vocal digital communications for guide of users in transit
- Closing security block by mechanical key
- First entry/night closing key
- Security sensors
- Predisposition for access control by card readers, fingerprint readers, face readers, connections (RS 232 RS 485).
- Self management to check the internal space by a SUN sensor to detect the objects left inside (optional)
- Metal detector inside the structure (optional)
- Internal micro camera (optional)
- PBS exclusive weight system to allow the transit of only one person at a time (optional)



**Electrical System**

- Power Supply : 220V +/- 10%, 50Hz
  - Maximum power absor. 200 W
  - Working temperature: -10 °C / +55 °C
  - Buffer battery for functioning in case of lack of power
  - Motors: n° 2 – 24 Vcc for door movement with security closing block.
- Opening of both doors allowed in case of emergency
- Programming logic management with micro-processor through n. 3 lines RS232 (n. 1 RS232 reserved line )
  - Metal detector: placed out of the structure, (option)
  - Console: to manage the booth by interphone system
  - Light: spot placed in the internal space
  - Safety for accident prevention: security sensors on the doors upright both in enter and exit, and check system to grant the adjustment of the motor torque

**Structure**

- Frame: section bar in pressed steel 3mm thick
- Curved glass 21/22mm thick P7B (EN 356) – BR2 (EN1063)
- Frame structure painted in smooth or embossed RAL colours or stainless steel /aluminium coating

**Performances**

Kind of reset: Automatic reset after the alarm of metal detector (optional)  
 Weight system: electronic security system placed in the internal space of transit to avoid the entrance of two people at the same time  
 Speed of transit: 6 passages/minute in entry/exit

**Dimensions and Weights**

Dimensions:  
 Height 2400 mm  
 Diameter 1485 mm  
 Passage Dimensions:  
 Height 2075 mm  
 Width 1900 mm  
 Manual door width 555mm  
 Weight: 780 kg

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**Technical Features**

