



ProxerGate 5 is a full height turnstile, a steel structure entrance gate with sensor and touchless, motor-driven operation. It can be connected to any access control system.

Structure

The gate is built of bent, welded steel frame structure, caulked-closed, openable mechanism and robust steel bar turnstile. The electro mechanic device is placed on the top part of the gate. Passing can be set in both directions. The lock-mechanism ensures that only one person can enter at the time of "go" signal.

The steel frame is protected against corrosion inside and outside with hot dip galvanization or made of brushed stainless steel,

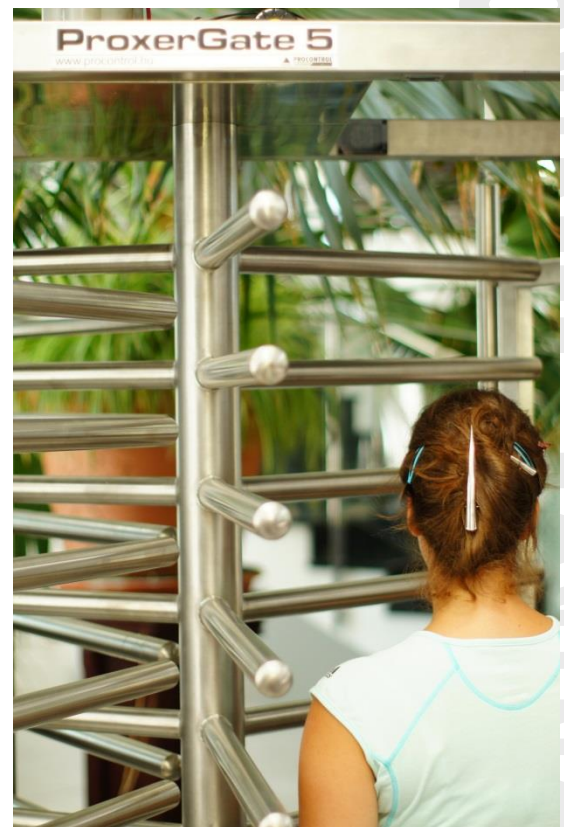
The central rotating column holds the 3x120° (or 4x90°) arranged, high re-enforced, steel tube bars and has long lasting, strong, axial and radial bearing. Separated safety system indicates the attempts of sabotage, straining, penetrating with loud siren alarm and/or silent alarm.

Operation

The turnstile operates with touch free, motor-driven automatic. As the authorized person passes through, the turnstile turns in front of him and closes behind him.

Properties

- top and side panels
- stainless steel rotating column
- UPS batteries are enough for 500 functional operations or 4 hours
- can be set as bi-directional
- vandal-proof design
- ensures controlled access



Options

- can be connected to access control system
- can be connected to worktime and attendance system
- RFID card reader or fingerprint reader for identification
- remote control
- panic system
- emergency mode
- can be integrated into alarm system



Types

In the base model: every part is made of hot dip galvanized steel. The gate optionally can be ordered from brushed stainless steel.

The ProxerGate 5 can be ordered in 90-degree or 120-degree turnstile variants. The part assembled structure offers a great freedom of selecting the side- or top panels.

PG5-TT-120

- 1 passageway, 3 x 120'
- hot dip galvanized steel
- flow rate: approx. 18 persons/ min



PG5-SS-120:

- 1 passageway, 3 x 120'
- brushed stainless steel
- flow rate: approx. 18 persons/ min

PG5D-TT-120 (twin gate):

- 2 passageways, 3 x 120'
- hot dip galvanized steel
- flow rate: approx. 35 persons/ min

PG5D-SS-120 (twin gate):

- 2 passageways, 3 x 120'
- brushed stainless steel
- flow rate: approx. 35 persons/ min



The operation modes of the rotating gate

1. Open in both directions: everybody can pass through without authorization and event logging
2. Closed in both directions: nobody can pass through
3. Open for "IN": the gate lets every person in without authorization and event logging
4. Open for "OUT": the gate lets every person out without authorization and event logging
5. Authorization and event logging in both ("IN" and "OUT") directions
6. The gate let the person go "IN" after the authorization and then event logging; and closed for "OUT" direction
7. The gate let the person go "OUT" after the authorization and then event logging; and closed for "IN" direction
8. Emergency mode

Emergency mode

In case of emergency, at the base model, it is possible to switch the gate into "Open in both directions" mode by hand or automatically from the building management system. In this mode, the gate lets everybody pass through. There is an optional extension for providing escape route of the Proxer Gate 5 for ER case, see PANIC system, Option 3.

Panic system

There is one panic-switch on each side of the gate. In case of emergency this switch has to be used or the building-management system set the gate into panic mode by the command of fire, gas flow, emergency, escape or evacuation. Two seconds after the hand-operated or automatic command, the gate turns into panic mode: the rotor fully pulls the bars in at one side of the rotating column and fastens it. In this position the gate is permeable. The panic mode will be logged.

Integrated into building management system

The ProxerGate 5 has intelligent communication system and can be connected to RS485 or IEE 802 Ethernet computer network.

Thus the gate is able to receive real time operation mode commands sent from the centre: e.g. automatically ensure escape way, query the event log or the movement log.

Application areas

- entrances without human control
- industrial parks
- airports
- military institutions
- sport arenas
- private parking lots, etc.



