

ProxerGate Carousel

revolving gate at your request



The ProxerGate Carousel is the largest member of the Procontrol-produced revolving gates. This elegant and exclusive access gate are suggested for office buildings, hotels, halls with heavy pedestrian traffic as well.

The ProxerGate Carousel is a heat-insulated, three-wing (optionally four-wing) revolving gate for outdoor entrances, even for unique clear width. It has high-gloss, polished steel frame, with safety glass cylinder wall and tempered glass wings. The touch-free, non-contact operation is ensured by the motion sensors and the servo electronic gear. The revolving gate can be installed inside and outside as well.

In case of fire or ER, it becomes freely rotating.

The basic type is 2700 x 2725mm (2225mm traffic height + 500 mm cylinder for the air curtain)

A free hand for architectures and designers

- The ProxerGate Carousel can be ordered according to the architect's consignment, in a wide range of sizes, with surface design and even in the requested colours

- Dimensions can be selected between 1000-3000mm path width and 2100-2800mm height
- The cylinder wall of the door can be glass, brushed stainless steel, even mixed in sections
- The wings are made of glass with stainless steel or aluminium alloy frame
- The wings' arrangement can be 3 x 120° or 4 x 90°

Thermal and noise insulation

- The ProxerGate Carousel gates are made with three-layer, argon-filled, UV-protected glazing that meets the most stringent energy-saving architectural standards (three-layer glass with 16mm spacers, sun protection - 6-16Ag-4-16Ag-4PVB4)
- The wings close with multiple seals in the home position and run tightly in the cylinder wall, blocking draft, external cold or heat, and noise
- An efficient hot air curtain against the cold weather can be installed as an option
- The walking surface of the gate is a special dirt mat, which is easy to clean and replace

Ergonomics and accident prevention

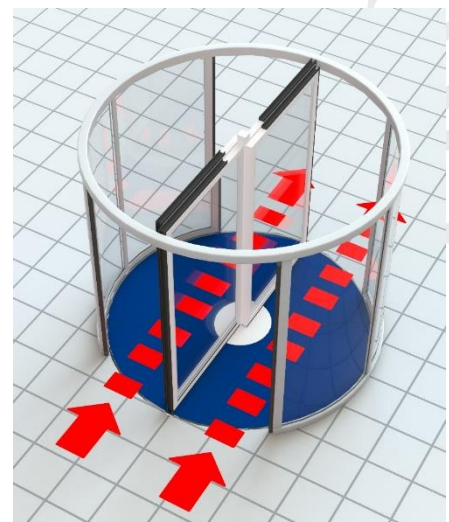
The gates are designed for comfortable, safe passage and have multi-level protection:

- Full height, flexible pressure sensors at the inlet edges of the gate posts
- Emergency stop pushbuttons installed on the gate posts
- Emergency stop sensors on both sides of the gate ceiling
- Secondary jam protection with torque limitation: maximum torque can be set between 70-120 Nm.
- Vandal-proof blocking: the gate can be braked or locked in any position

Optional, complementary ER equipment

Break Out System: fire alarm control, free escape routes

- The gate provides an unobstructed, two-lane free escape route by folding the rotary wings in case the fire alarm goes off
- At basic type, in case of emergency or fire, the door wings can be rotated by hand
- If there is no possible detour, the folded wings allow transporting long objects, large pieces of furniture through the gate
- There are obstacle detection profiles along the entire length of the lower edge of the door wings for jam protection
- There are obstacle detection profiles along the entire length of the upper edge of the door wings for jam protection



High quality solutions

- Highly advanced, fast-response servo electric drive
- Intelligent solution, it can be connected into the building management system (Ethernet, RS485, Scada)

Supervised passage

- The system identifies the person wishing to pass through the gate, checks for authorization, allows or prohibits passing through and keeps a log (as part of an access control system)
- Identification can happen
 - with RFID card
 - mobile phone, Bluetooth or NFC communication
 - with fingerprint
 - with face recognition
 - with a palm vein scanner
- With the four-wing version, a sluice-gate system can also be set

Free passage

- Usual at the main entrances of office buildings and hotels
- Sensors detect the person and open the gate
- The gate wings turn in front of the person at the right speed, they do not have to touch them



Installation examples



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