

MPW Pro

Stainless Steel Pedestrian Wing Gates



Secure Access Control

The robust stainless steel MPW Pro wing gates are the ideal solution for access control, steering visitors, and rapid management of passage into secured areas. Variants include enlarged passage widths to accommodate wheelchairs, prams, and material transport. The passage process is fundamentally contactless, with optical sensors in the housings that reliably detect users, open the gates before they come into contact with them, and then rapidly close automatically after passage.

The sensitive impact detection of the MHTM™ drive ensures maximum personal safety. The light sensors also enhance security by registering attempts to tail-gate, incorrect passage direction, or lack of authorisation, triggering an alarm. The energy-efficient MHTM™ drive unit delivers best-in-class service life and maximum reliability. The motors are driven directly by the new MGC Plus Magnetic controller, which meets the highest standards in operation, interface, and functionality.



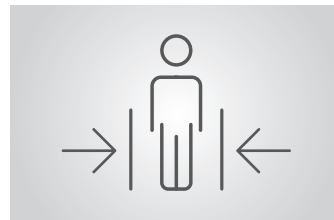
Large Visitor Numbers

At just 0.6 seconds per opening, the MPW Pro Wing Gate is perfect for handling large numbers of people in areas requiring medium to high security.



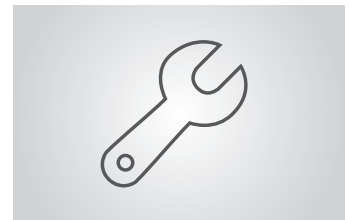
Innovative Drive Technology

The MHTM™ drive unit is maintenance-free, energy-efficient and quiet. Sensitive impact detection ensures maximum personal safety.



Reliable Processes

Light barriers in the passageway reliably detect people and objects, enabling contactless throughput, and triggering of an alarm in the event of unauthorised use.



Easily Accessible Components

All control and drive components are housed in a lockable central segment, significantly simplifying commissioning and maintenance.

MPW Pro

Wing Gate

MPW Pro Standard Features

- > Rapid door opening and closing times ensure high passage efficiency.
- > High-quality motors in the core control system ensure precise movement.
- > The shaftless design, with an LED running display light, offers a simple and smooth overall appearance.
- > German quality is assured, with all core components manufactured at Magnetic's factory in Germany.
- > Designed for durability, the MPW Pro guarantees over 10 million trouble-free operations
- > LED floor illumination
- > Crawl-under and Climb-over detection
- > Narrow physical footprint

MPW Pro Integration Options

- > Biometric readers
- > QR code readers
- > Elevator access interface



Technical data	MPW Pro
Application	Indoor
Passage width	600mm (standard), 900 mm (wide) (more on request)
Height of barrier elements	Standard: 900 mm, High: 1800 mm (other heights on request)
Opening/closing time	0.6 – 1 seconds, adjustable
Throughput (number of persons per min.) ¹	Approx. 40
Voltage	100 – 240 VAC, 50/60 Hz
Power consumption	Maximum 45 W
Drive technology	MHTM™
Transducers	With high and low level sensors: 14 infrared pairs
Housing dimensions (L x W x B)	1700 x 130 x 1064 mm
Temperature range	-30 to +55 °C

¹ Depending on reader, lock setting, person behaviour

Features	
Direction of passage	Uni- or bi-directional
Emergency release	On power outage or closing of alarm contacts
Random generator	Integrated in control system
Throughput data acquisition and event log	Integrated in control system
Control system inputs and outputs	8 digital inputs, 4 digital outputs, and 6 relay outputs

Options	
Barrier elements	Olefin glass or toughened safety glass
Accessories	Customer-specific access control systems
Colour scheme	Brushed Stainless Steel / Metallic White / Metallic Black

Potential applications				
				

Features

- 10 million trouble-free operations (MTBF)
- Maintenance-free
- Energy efficient
- Silent operation
- High torque
- Developed and produced entirely in-house by Magnetic Autocontrol in Germany



MGC Plus Controller

Features

- Highly advanced embedded controller with algorithms for complex passage situations
- Easy connection, setup, and control via self-contained network interface and RS485
- Simple commissioning with a built-in GUI display for easy menu navigation
- High performance and flexible expandability with four additional plug-in modules for future requirements



Colour Scheme



Metallic White

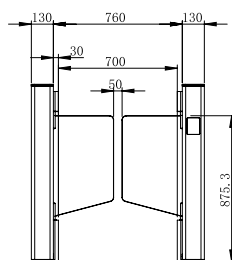


Brushed Stainless Steel Colour

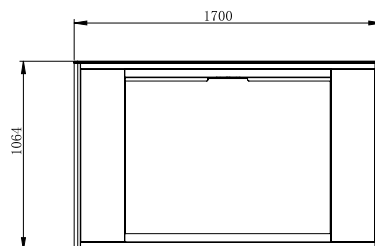


Metallic Black

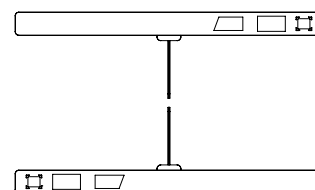
Dimension Drawing



MPW Pro - front view



MPW Pro - side view



MPW Pro - top view

* Subject to technical modifications

Access to Progress

Magnetic stands for pioneering products – in every way. Our access control systems for vehicles or pedestrians clear the way for thousands of people every day – at car parks, toll gates, stations, airports and in buildings. Our technology is also pioneering, however: with innovative drives, intelligent control systems and well thought-out details it provides maximum safety and longevity. Are you also on the path to Magnetic?



mWing-Bosch Siemens R&D Centre



MPW - Nanjing Foreign Language



MPW/MPT-Maracana Stadium



MPR - Kuala Lumpur Twin Towers



Barriers - Frankfurt Airport



mWing - ADEVA Security - EMF Gyms