

MPS

Wing gate

mAGNETIC®
ACCESS TO PROGRESS



For sophisticated settings

The visible elements of the MPS are reduced to a minimum. Because the control system and drive are fully integrated, users only see the movable stainless steel cylinder and the barrier element. As a result, the MPS is the ideal choice for sophisticated settings with low to medium visitor frequencies – for museums, exhibition rooms and modern offices.

Despite its minimalist design, the MPS offers extremely flexible use. Its wide opening angle of 300° and bidirectional operation enable the implementation of access and exit control with a

single barrier. The combination of two MPS units also allows a wider passage to be set up for wheelchair users and the transport of materials.

The sensitive impact detection of the innovative MHTM™ drive always ensures maximum personal safety. The opening and closing speeds can be adapted to the particular intended purpose. The barrier itself can consist of stainless steel tubing, a safety glass wing or customer-specific materials.



Versatile design

Development of the MPS focused on its use in sophisticated settings. The reduced design of the MPS offers simple integration in modern office buildings, museums and exhibition rooms.



Innovative drive technology

The MHTM™ drive unit operates without maintenance, energy-efficiently and quietly. Sensitive impact detection ensures maximum personal safety.



Secure interlocking

An electromagnetic toothed coupling prevents the barrier from being pushed out of its end position or moved against the selected direction of passage.



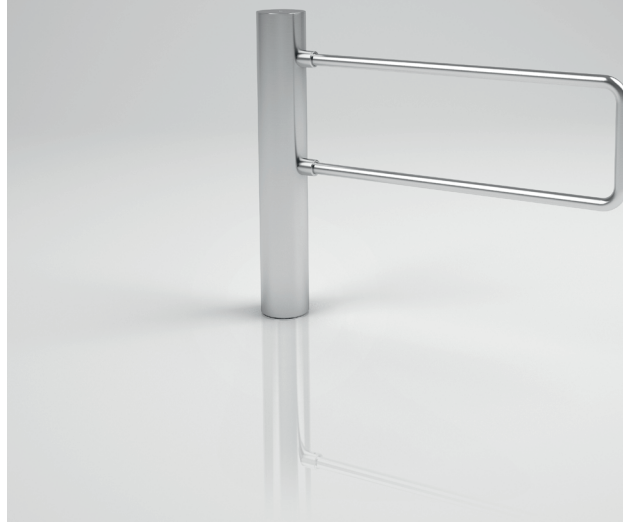
Easily accessible components

All the control and drive components necessary for operation are accommodated in the stainless steel cylinder – considerably simplifying commissioning and maintenance.

MPS

Wing gate

- › Compact accommodation of drive and control system in stainless steel cylinder
- › Flexible integration of customer-specific barrier elements
- › Low impact forces for maximum personal safety
- › Freely rotating in case of power failure
- › As a double door, suitable for wheelchairs, bicycles and the transport of materials
- › Designed for 10 million opening and closing cycles



Technical data	MPS
Passage width	max. 1800 mm with barrier tubes, max. 926 mm with glass wing
Opening/closing time	1.5–4 s, depending on dimensions of barrier element
Opening angle	Adjustable from 0 to 300°
Drive technology	MHTM™
Voltage	110–240 VAC, 50/60 Hz
Power consumption	max. 45 W
Duty cycle	100 %
Housing material	Stainless steel V2A
Housing height	1000 mm
Housing diameter	159 mm
Enclosure rating	IP 44
Temperature range	–25 to +45°C (with activated static heating system)

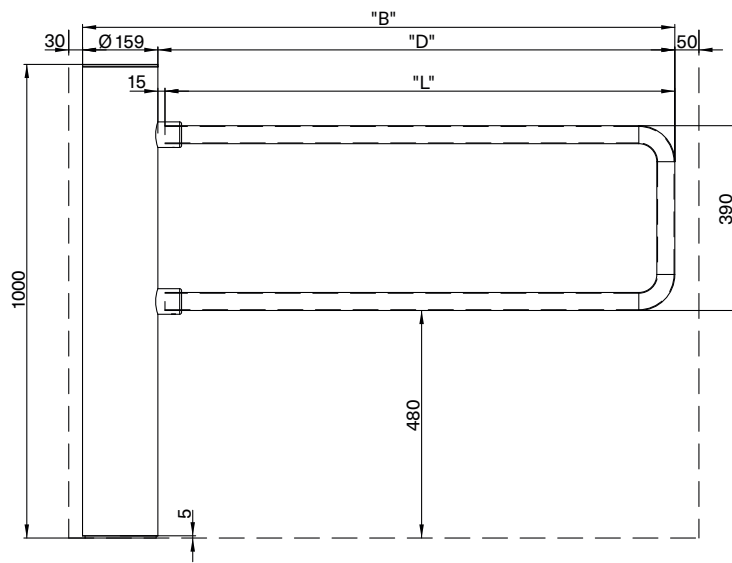
Options	Potential applications
Barrier elements	Stainless steel tubes; stainless steel tubes with inlay; glass wing made of tempered safety glass, laminated safety glass or acrylic glass; customer-specific barrier elements
Approvals	Approved for escape and rescue routes
Expansions	Railings, railings with glass sheet, railings with knee rail



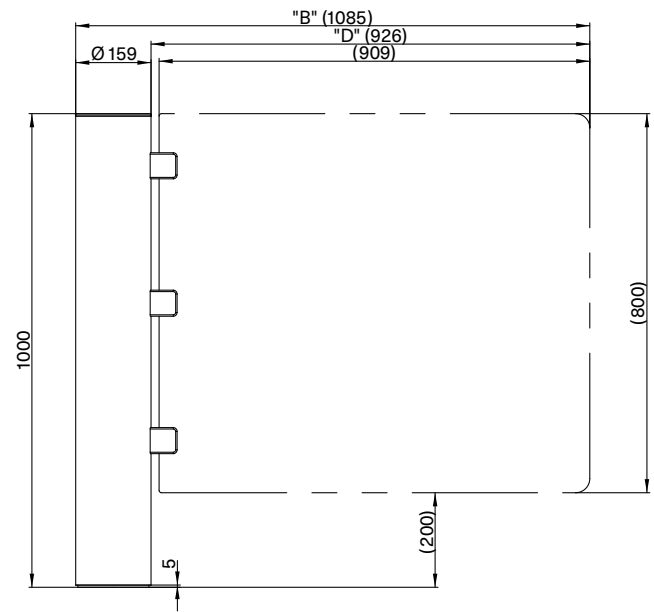


Dimensional drawings

MPS 122 with barrier tubing

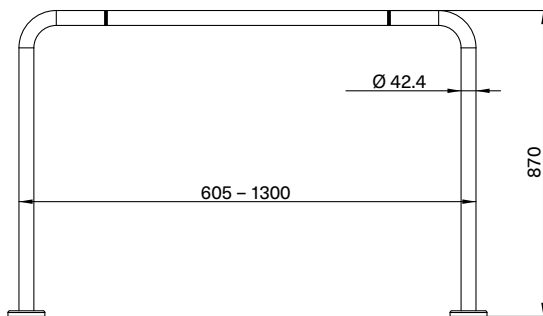


MPS 122 with glass wing

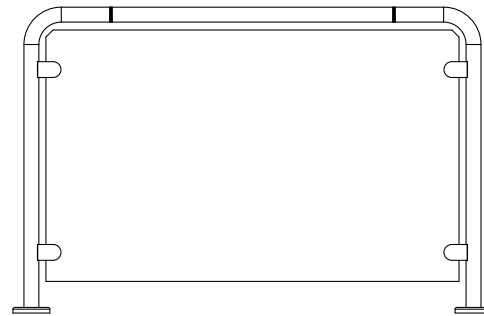


Railings

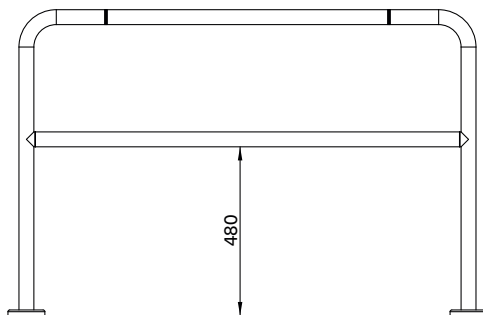
Railings



Railings with glass sheet



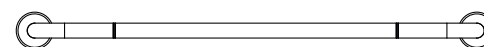
Railings with knee rail



Railings from below



Railings from above



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?



Vehicle barriers

Access barriers
Parking barriers
Toll barriers
Special barriers



Pedestrian gates

Turnstiles
Swing gates
Tripod gates
Retractable gates
Wing gates



Terminals

Cars
Trucks

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