

Introducing “MicroDrive” Barrier Series



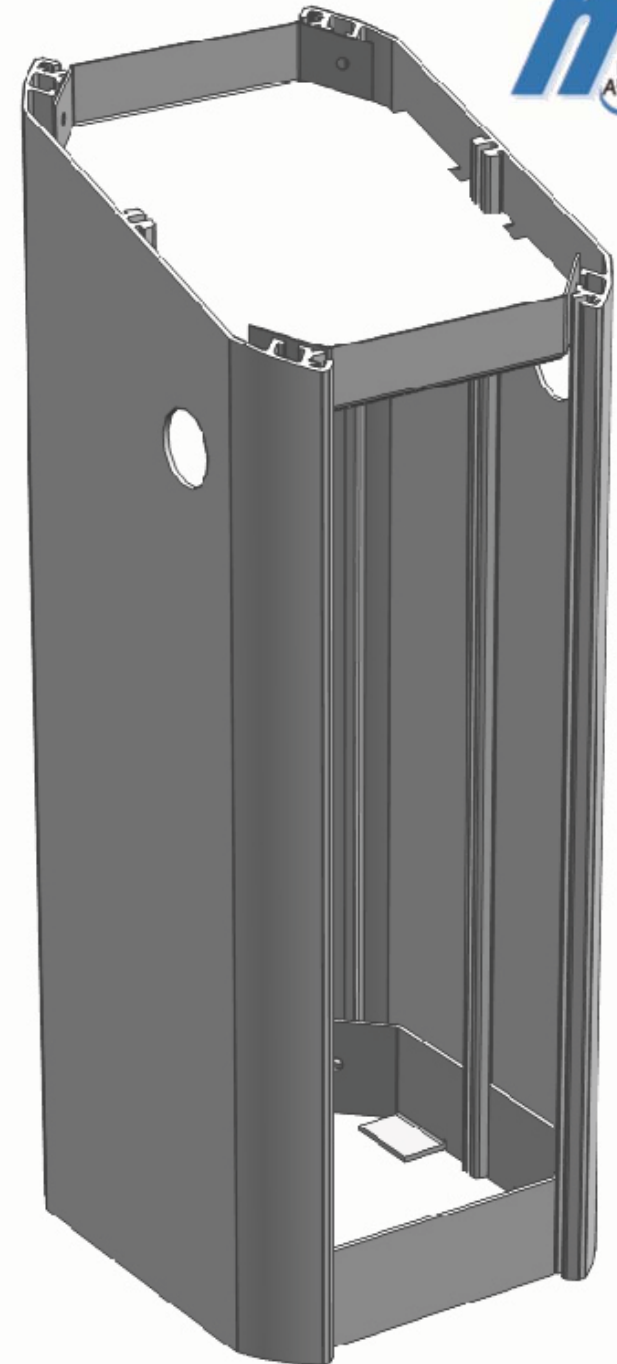
The Next Generation of Magnetic Barriers



Magnetic is raising the bar. Again.

Housing

- Modular
- Aluminum housing
- Attractive design
- Best corrosion protection
- Very strong construction



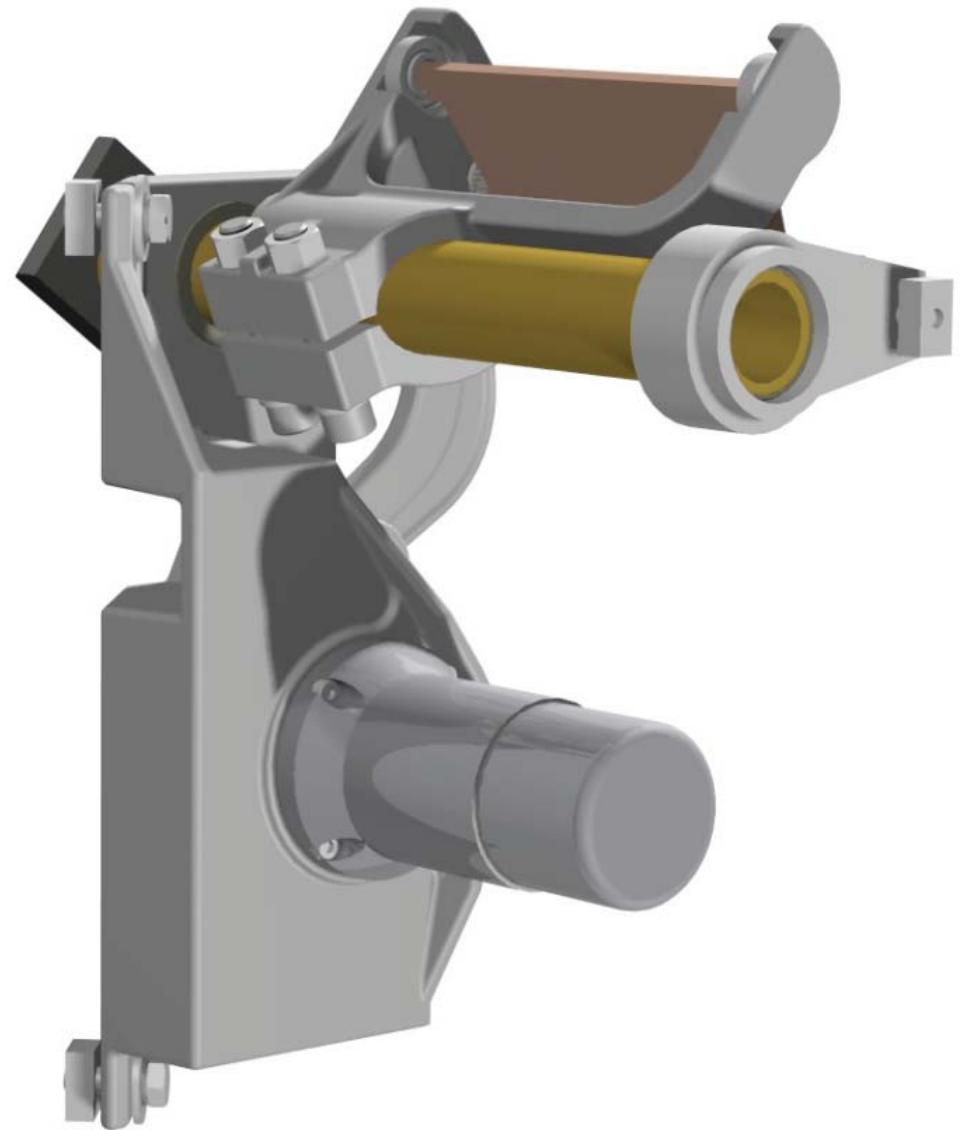
Housing Parts

- Extruded aluminum profiles
- Stainless steel base frame
- Top frame doubles as part of housing and mounting plate for controller
- Two doors (front + back) - allows for simple multi-color designs
- Top surface finishing (anodized + powder coating)
- Multifunctional



Drive Unit

- Aluminum cast frame
- High performance in a small footprint
- Spring balanced
- Multiple length barrier arm options from same design
- Heavy duty construction



Motor + Gearbox

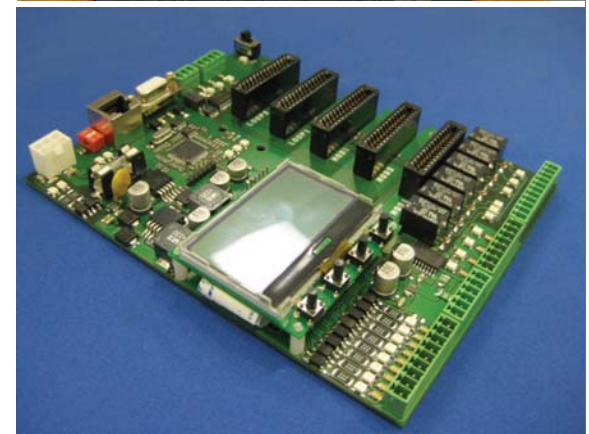
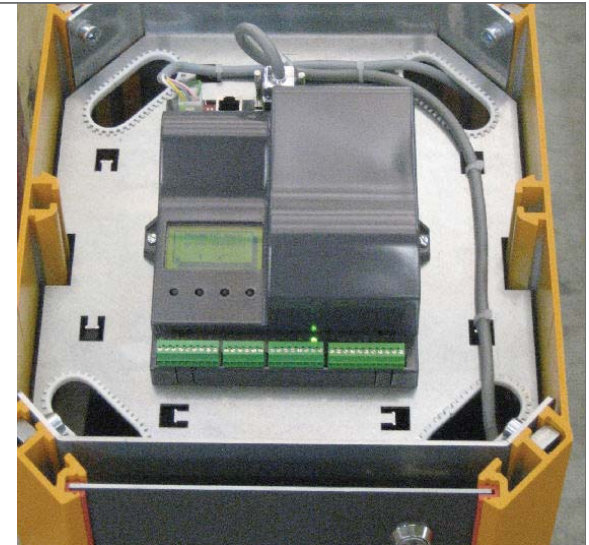
- MHTM MicroDrive
- Innovative motor technology
- Best energy efficiency
- Motor + Gearbox integrated in one compact unit
- High torque
- 24V DC operating voltage - allows for more power options





Barrier Controller

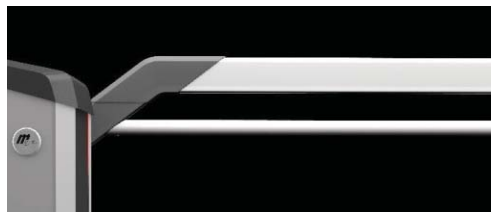
- Placed directly under top cover for easy accessibility
- Extension module system including: additional loop detectors, ethernet, RS485, remote control, I/O extension
- Graphical user interface
- Easy-to-operate
- 8 inputs / 6 relay outputs / 4 digital outputs
- Service switch (similar to UP/DOWN/NORMAL switch, but using graphical interface)





“Varioboomb”

- Unique
 - Highly visible and provides a trademark look to Magnetic equipment (patent pending)
 - Flexible options and types available
 - Modularly extendable - simply integration of signage, displays, advertising, colors, etc
-



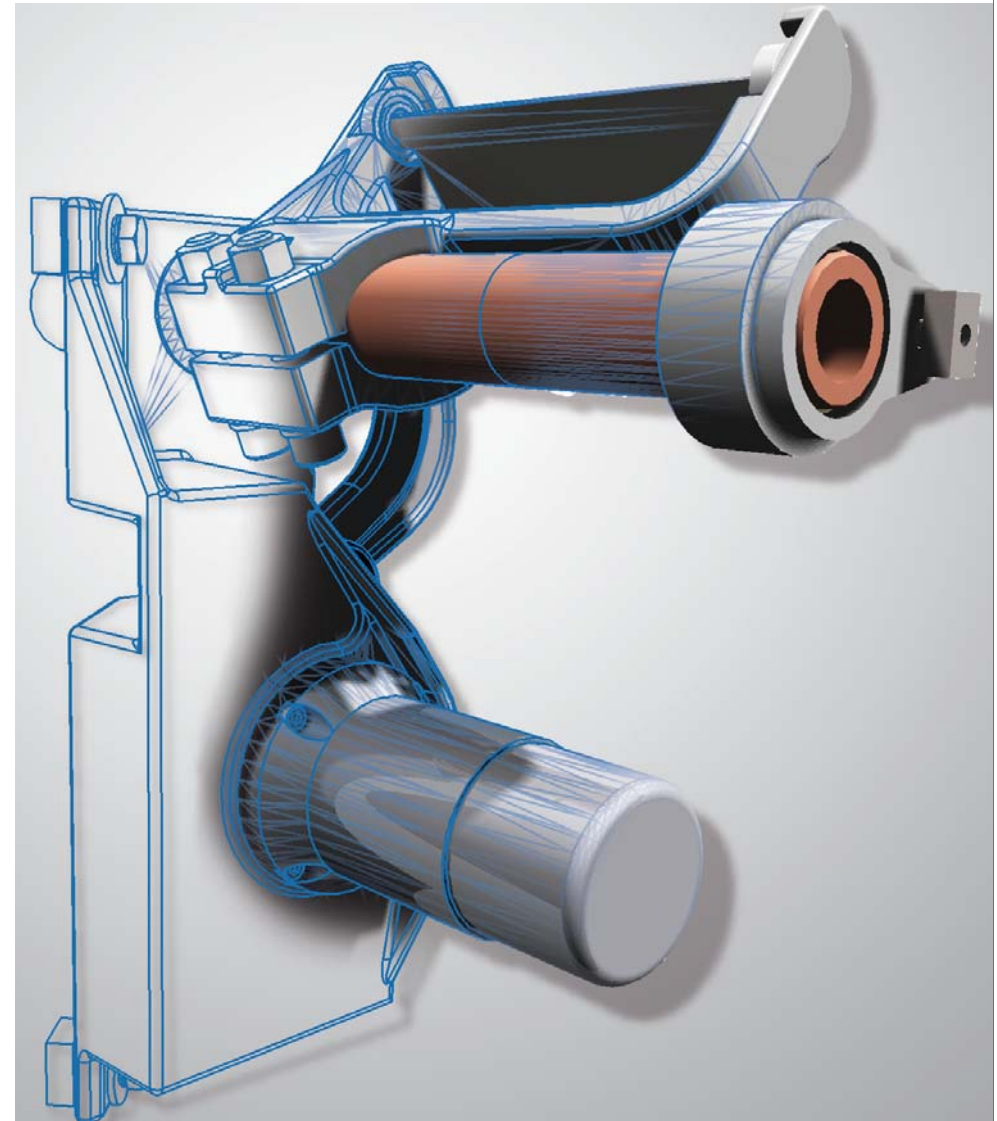
Overall benefits

- Unique in the market
- Green technology inside
- Innovative drive technology
- Aesthetically pleasing design
- Magnetic quality



Overall benefits - Continued

- Only 25% power needed (to MIB30)
- 100% more torque
- Best operation at high speeds and heavy snow, etc
- Reduced operation costs
- Flexible controller and boom arm options
- 80% more I/O
- Modular design and ready for future interface standards



New Magnetic Parking Brochure



Select your barrier



Magnetic Parking Basic

You are looking for a simple and cost-effective barrier but do not want to surrender performance and quality? In that case, Parking Basic is your first choice.

- High integrated basic functionality
- 1.8 seconds opening time
- Integrated control units with detectors
- Optional functions

Parking Basic barriers are equipped with all required basic functions, they handle almost any task in multi-storey car parks.

Magnetic Parking Pro

For heavily frequented parking facilities or if more functions are required, the high-quality Parking Pro barrier is the perfect solution.

- Extended integrated functionality
- 1.3 seconds opening time
- Integrated control unit with detectors
- Modularly extendable
- Extended spectrum of optional functions

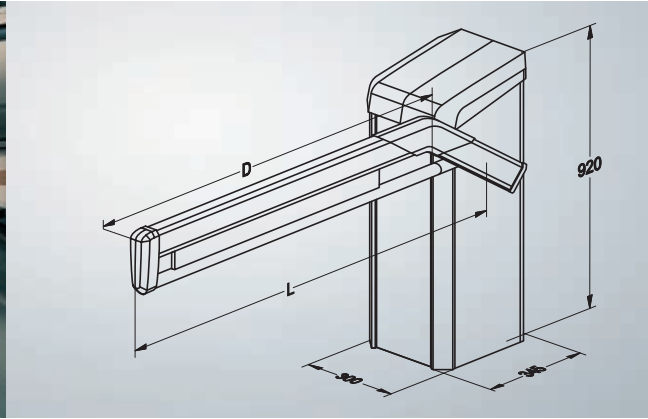
Par excellence, the barrier for the professional operator due to its wide range of functionality and higher operating speed.

Magnetic Parking Select

You appreciate something special and would like to define the barrier yourself? Our top model, Parking Select, is the right answer.

- Individual design options
- 1.3 seconds opening time
- Integrated control unit with detectors
- Modularly extendable
- Maximum variability

The Parking Select barrier does not leave anything to be desired. This is where form and function merge with more than 50 years of experience.



A parking facility is only as good as its barrier. Modern barriers require innovative and future-oriented engineering as well as environmentally compatible and energy-saving technology. Magnetic.Parking barriers meet these requirements completely: While the **MHTM™** MicroDrive and the **MGC** control secure decisive advantages for you and optimise the benefit of your parking facility, the housing and the VarioBoom do not leave anything to be desired.

- **75 % less power consumption**
- **MHTM™ drive free of maintenance**
- **80 % more connectivity (I/O, TCP/IP, USB, CAN, etc.)**
- **Future-oriented, modular design**



Drive
The **MHTM™** MicroDrive is not only astonishing because of its small dimensions. You get 100 % more torque at a power input reduced by 75 %. Motor, motor control and gearing are combined in one unit.



Control
The **MGC** control is located directly under the hood and offers extensive opportunities for expansion via optional plug-in modules. The barrier is operated via GUI-supported control keys and a large display.



Housing
The housing of aluminium and the base of stainless steel offers the best available protection against corrosion. In addition, the design is convincing and can easily be customised.



VarioBoom
The new VarioBoom improves the perception and increases the passage. Comprehensive options facilitate an individual design of the VarioBoom and provide additional supplementary functions like optical displays, lights, etc.

Magnetic.Parking

Technical data	Magnetic.Parking	Magnetic.Parking Pro	Magnetic.Parking Select
Barrier width max.	3.5 m	3.5 m	3.5 m
Opening/closing time	1.8 s	1.3 s	1.3 s
Power consumption max.		110 W	
On-time		100 %	
Supply voltage	Wide voltage range 85 V – 264 V		
Frequency	50/60 Hz		
Drive	MHTM™ MicroDrive		
Housing dimensions (WxDxH)	Starting 300 mm x 345 mm x 920 mm		
Weight without boom	36 kg		
Housing designs	Chromatised and powder-coated aluminium		
Base area	Powder-coated stainless steel		
Ingress protection	IP 54		
In line with standards	2004/108/EC, 2006/95/EC, 2006/42/EC, CE		
Temperature range	-30° C to +50° C		
Feature			
Standard colours	RAL 2000	3 variants	Freely selectable
Special painting	○	○	●
VarioBoom	●	●	●
Extension set VarioBoom	–	○	○
Control	MGC	MGC Pro	MGC Pro
Integrated 2-channel detector	●	●	●
Modular expandable control	–	●	●
Variable I/O assignment	–	●	●
Number of digital inputs	8	8	8
Number of digital outputs	4	4	4
Number of relay outputs	6	6	6
Reduced closing speed selectable	●	●	●
Reduced opening speed selectable	–	●	●
Autarkic operation (solar/battery)	–	○	○
Extended accessories	–	○	○
Specified number of cycles	10 million	10 million	10 million
Warranty	2 years	2 years	2 years

- Standard
- Optionally available
- Not available for this model

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New Magnetic Access Brochure



Select your barrier



Magnetic Access Start

You are looking for a simple and cost-effective barrier but do not want to surrender performance and quality? In that case, Access Start is your first choice.

- High integrated basic functionality
- Opening times starting at 1.8 seconds
- Integrated control unit with detectors
- Barrier widths up to 10m
- Optional functions

Access Start barriers are genuine starter models, equipped with all basic functions and a high performance for little money.

Magnetic Access Quick

For heavily frequented facilities or if more functions are required, the high-quality Access Quick barrier is the perfect solution.

- Extended integrated functionality
- Opening times starting at 1.4 seconds
- Integrated control unit with detectors
- Modularly extendable
- Extended spectrum of optional functions

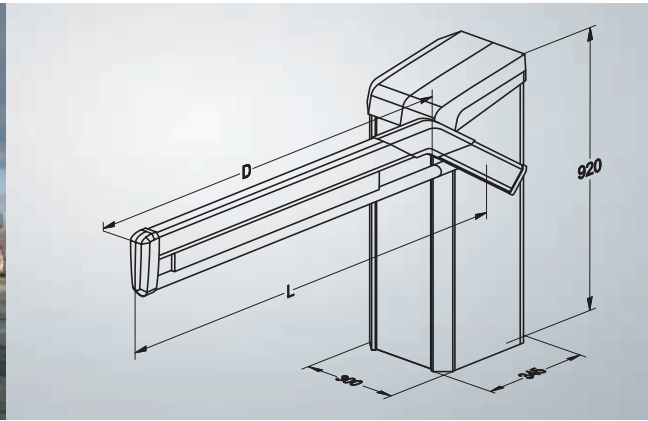
The pro selects the Access Quick barrier because of its wide range of functions and higher operating speeds.

Magnetic Access Style

You appreciate something special, the barrier is supposed to fit the surroundings and provide all of the features of a top product? Our top model, Access Style, is the right answer.

- Individual design
- Opening times starting at 1.4 seconds
- Integrated control unit with detectors
- Modularly extendable
- Maximum variability

The Access Style barrier does not leave anything to be desired. Reliability, speed and individuality are available at an amazingly advantageous price.



A facility is only as good as its barrier. However, modern solutions demand not only innovative and future-oriented engineering but also environmentally compatible and energy-saving technology. Magnetic.Access barriers meet these demands completely: While the **MHTM™** MicroDrive and the **MGC** control secure decisive advantages for you and optimise the benefit of your facility, the housing and the VarioBoom do not leave anything to be desired.

- **75 % less power consumption**
- **MHTM™ drive free of maintenance**
- **80 % more connectivity (I/O, TCP/IP, USB, CAN, etc.)**
- **Future-oriented, modular design**



Drive

The **MHTM™** MicroDrive is not only astonishing because of its small dimensions. You get 100% more torque at a power input reduced by 75%. Motor, motor control and gearing are combined in one unit.

Control

The **MGC** control is located directly under the hood and offers extensive opportunities for expansion via optional plug-in modules. The barrier is operated via GUI-supported control keys and a large display.

Housing

The housing of aluminium and the base of stainless steel offers the best available protection against corrosion. In addition, the design is convincing and can easily be customised.

VarioBoom

The new VarioBoom improves the perception and increases the passage. Comprehensive options facilitate an individual design of the VarioBoom and provide additional supplementary functions like optical displays, lights, etc.

Magnetic.Access

Technical data	Magnetic.Access				Magnetic.Access Pro		Magnetic.Access Select	
	3.5 m	5 m	8 m	10 m	3.5 m	6 m	3.5 m	6 m
Barrier width max.	3.5 m	5 m	8 m	10 m	3.5 m	6 m	3.5 m	6 m
Opening/closing time	2.2 s	4 s	8 s	9 s	1.3 s	4 s	1.3 s	4 s
Power consumption max.	110 W		250 W		110 W			
On-time	100 %							
Supply voltage	Wide voltage range 85 V – 264 V							
Frequency	50/60 Hz							
Drive	MHTM™ MicroDrive							
Housing dimensions (WxDxH)	Starting 300 mm x 345 mm x 920 mm							
Weight without boom	36 kg/135 kg							
Housing designs	Chromatised and powder-coated aluminium							
Base area	Powder-coated stainless steel							
Ingress protection	IP 54							
In line with standards	2004/108/EC, 2006/95/EC, 2006/42/EC, CE							
Temperature range	-30° C to +50° C							

Feature

	RAL 2000	3 variants	Freely selectable
Standard colours	RAL 2000	3 variants	Freely selectable
Special painting	○	○	●
VarioBoom	●	●	●
Extension set VarioBoom	–	○	○
Control	MGC	MGC Pro	MGC Pro
Integrated 2-channel detector	●	●	●
Modular expandable control	–	●	●
Variable I/O assignment	–	●	●
Number of digital inputs	8	8	8
Number of digital outputs	4	4	4
Number of relay outputs	6	6	6
Reduced closing speed selectable	●	●	●
Reduced opening speed selectable	–	●	●
Autarkic operation (solar/battery)	–	○	○
Extended accessories	–	○	○
Specified number of cycles	10 million	10 million	10 million
Warranty	2 years	2 years	2 years

- Standard
- Optionally available
- Not available for this model

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New Magnetic Toll Brochure



Select your barrier



Magnetic Toll Drive

You are looking for a cost-effective barrier which does not fail you and operates without any particular maintenance work under almost any conditions.

- High functionality
- 1.3 seconds opening time
- Integrated control unit
- Optional functions

Toll Drive barriers are equipped with all important functions and offer a high degree of reliability and durability.

Magnetic Toll Speed

In heavily frequented facilities with peak traffic and high demands on functionality, the Toll Speed barrier ensures smooth passages.

- High functionality
- 0.9 seconds opening time
- Integrated control unit
- Optional functions

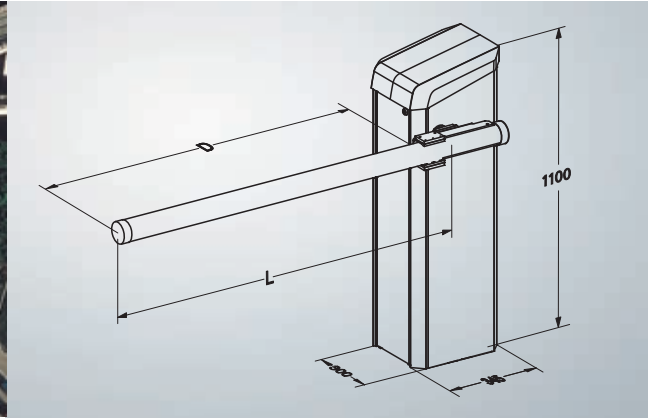
The barrier for professional operation. Balanced performance and price. The Toll Speed barrier continues our long and successful record.

Magnetic Toll HighSpeed

You want more? An exceptional barrier with ultraspeeds? Our Toll High Speed top model is the right answer.

- High functionality
- 0.5 seconds opening time
- Integrated control unit
- Optional functions

The Toll High Speed barrier redefines the performance in non-stop toll applications.



A reliable barrier is indispensable for the professional and progressive appearance of a toll facility. Modern barriers require innovative and future-oriented engineering as well as environmentally compatible and energy-saving technology. Magnetic.Toll barriers meet these requirements completely: While the **MHTM™** MicroDrive and the **MGC** MicroDrive and the MGC control secure decisive advantages for you and optimise the benefit of your toll facility, the housing and the SwingAway boom do not leave anything to be desired.

- **75 % less power consumption**
- **MHTM™ drive free of maintenance**
- **80 % more connectivity (I/O, TCP/IP, USB, CAN, etc.)**
- **Future-oriented, modular design**



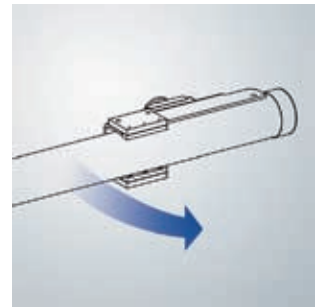
Drive
The **MHTM™** MicroDrive is not only astonishing because of its small dimensions. You get 100 % more torque at a power input reduced by 75 %. Motor, motor control and gearing are combined in one compact unit.



Control
The **MGC** control is located directly under the hood and offers extensive opportunities for expansion via optional plug-in modules. The barrier is operated via GUI-supported control keys and a large display.



Housing
The housing of aluminium and the base of stainless steel offers the best available protection against corrosion. In addition, the design is convincing and can easily be customised.



SwingAway boom
The SwingAway barrier boom prevents unnecessary damage to vehicles and the barrier in case of an unpermitted or forced passage.

Magnetic.Toll

Technical data	Magnetic.Toll	Magnetic.Toll Pro	Magnetic.Toll Highspeed
Barrier width max.	3 m	3 m	3 m
Opening/closing time	1.3 s	0.9 s	0.5 s
Power consumption max.	110 W	220 W	400 W
On-time	100 %		
Supply voltage	Wide voltage range 85 V – 264 V		
Frequency	50/60 Hz		
Drive	MHTM™ MicroDrive		
Housing dimensions (WxDxH)	Starting 300 mm x 345 mm x 1100 mm		
Weight without boom	44 kg		
Housing designs	Chromatised and powder-coated aluminium		
Base area	Powder-coated stainless steel		
Ingress protection	IP 54		
In line with standards	2004/108/EC, 2006/95/EC, 2006/42/EC, CE		
Temperature range	-30° C to +50° C		
Feature			
Standard colours	RAL 2000	RAL 2000	RAL 2000
Special painting	○	○	○
Control	MGC	MGC	MGC
SwingAway system	●	●	●
Boom (round, 75 mm)	●	●	●
Boom (octagon, 100 x 55 mm)	○	○ (max. 2.5 m)	○ (max. 2.5 m)
Modular expandable control	○	○	○
Number of digital inputs	8	8	8
Number of digital outputs	4	4	4
Number of relay outputs	6	6	6
Reduced closing speed selectable	●	●	●
Extended accessories	○	○	○
Specified number of cycles	10 million	10 million	10 million
Warranty	2 years	2 years	2 years

- Standard
- Optionally available
- Not available for this model

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