

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.



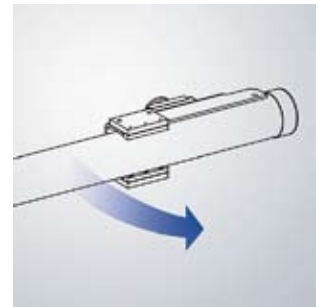
#### Control

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. (m)	3	3	3
Opening/closing time (s)	1.3	0.9	0.5
Power consumption max. (W)	55	95	400
On-time	100 %		
Supply voltage	Wide voltage range 85 V – 264 V		
Frequency	50/60 Hz		
Drive	MHTM™ MicroDrive		
Housing dimensions (WxDxH mm)	300 x 345 x 1115		
Weight without boom (kg)	42		
Housing designs	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		
<b>Feature</b>			
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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