



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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