

MHTM™ MicroDrive

Magnetic.Parking

Whether we are talking about a parking garage, an underground parking or a parking area - the barrier is and remains the key element. Magnetic.Parking barriers were specifically designed for highly frequented applications.

The Magnetic.Parking product range does not only offer fast opening times, long-life cycle, reliability and quality. Furthermore, they amaze with extraordinary design, extremely low operational costs, easy handling and almost maintenance-free technology.

In a nutshell: Magnetic.Parking barriers are the first choice for car park operators and solutions providers (OEM) that need to establish an easy and reliable vehicle access control.

- » **high basic functionality**
- » **safe control unit (EN 13849)**
- » **80% more connectivity (I/O, TCP/IP, RS-485, etc.)**
- » **high ease of use / maximum accessibility**
- » **only 35W power consumption (Magnetic.Parking)**
- » **10 Mio opening and closing movements**

Access

Parking

Toll



Design and quality

MHTM™ MicroDrive barriers impress with sophisticated and enduring design. The modularly designed housing made of extruded aluminium profiles and a base frame made of stainless steel (both powder-coated) offers best protection against corrosion.

The MHTM™ product line is winner of the red dot award: product design 2012.



Control unit

The control unit MGC / MGC Pro is compliant with EN 13849. It is located directly underneath the top cover and can be accessed from all sides. Configuring the barrier is easily accomplished via the LCD's intuitive user interface that can be navigated with just 4 push-buttons.



Drive unit

The drive unit of MHTM™ MicroDrive is not only astonishing because of its small dimensions. You also get a high torque with an extremely minimized power consumption. The high torque guarantees best operation even under severe weather conditions (heavy winds, snow, etc.).

The motor, motor control and gearing are all combined in one compact drive unit.



VarioBoom and break-away flange

The VarioBoom concept enhances the visibility of the barrier boom which may be even more increased installing optionally available accessories. It comes equipped with a foamed edge protection which offers best protection against damages and harm to people. The optionally available break-away flange may be used to drop the whole barrier boom in case of an unwanted or forced drive-through. The boom may be fixed afterwards without any adverse effect on the functionality.

Technical data	Magnetic.Parking	Magnetic.Parking Pro	Magnetic.Parking Select
Lane 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.	35 W	95 W	95 W
Duty cycle	100%		
Supply voltage	Wide voltage range 85 - 264 V AC		
Frequency	50 - 60 Hz		
Housing dimensions (WxDxH)	315 x 360 x 915 mm		
Weight (without boom)	40 kg		
Housing design	Powder-coated aluminium		
Base frame	Powder-coated stainless steel		
Protection class	IP 54		
Compliant with	2004/108/EC, 2006/95/EC, 2006/42/EC, CE, UL 325		
Temperature Range	-30 to +55 °C		

Features	Magnetic.Parking	Magnetic.Parking Pro	Magnetic.Parking Select
Standard colours	RAL 2000	3 variants	freely selectable
Special painting	○	○	●
VarioBoom	●	●	●
Extension Set VarioBoom	-	○	○
Control unit	MGC	MGC Pro	MGC Pro
integrated 2-channel loop detector	●	●	●
Control unit modularly extendable	Radio control and additional loop detector only	●	●
Variable I/O assignment	-	●	●
Number of digital inputs	8	8	8
Number of relay / digital outputs	6/4	6/4	6/4
Closing times selectable	●	●	●
Opening times selectable	-	●	●
Solar / battery option	○	○	○
Extended accessories	-	○	○
Specified number of cycles	10 Mio	10 Mio	10 Mio
Warranty	2 years	2 years	2 years

- Standard
- Optionally available
- Not available for this model