

MHTM™ MicroDrive

Magnetic.Access Pro-H

The Magnetic.Access Pro-H model is part of the Magnetic.Access product range and is especially designed for access applications with a boom skirt.

Magnetic.Access Pro-H models contain the same components as Magnetic.Access Pro-L barriers but the housing is adjusted in height and it comes with a MicroBoom (straight boom) instead of a VarioBoom. Optionally available are pluggable modules to extend the functionality of the barrier as well as comprehensive accessories.

The Magnetic.Access range does not only offer long-life cycle, great reliability and quality but impresses with sophisticated and enduring design, extremely low operational costs, high ease of use and almost maintenance-free technology.

- » for access applications with boom skirt
- » tall housing
- » MicroBoom barrier boom
- » high basic functionality
- » safe control unit (EN 13849)
- » 80% more connectivity (I/O, TCP/IP, RS-485, etc.)
- » 10 Mio opening and closing movements

Access

Parking

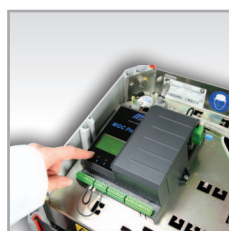
Toll



Design and quality

MHTM™ MicroDrive barriers impress with sophisticated and enduring design. The modularly designed housing made of extruded aluminum 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

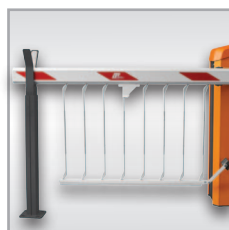
The control unit MGC / MGC Pro is compliant with EN 13849. It is located directly underneath the top cover and can be accessed from all sides. Configuring the barrier is easily accomplished via the LCD's intuitive user interface that can be navigated with just 4 push-buttons.



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.



MicroBoom and boom skirt

The straight barrier boom MicroBoom is only available for Magnetic.Access Pro-H models and serves as guidance for the boom skirt.

Depending on the model of the boom skirt (with or without over-climb protection), it is fixed underneath or at the side of the boom as well as at the housing. A bottom rail profile with a foamed edge protection offers stability and safety. For additional stability, a pendulum support or a support post is used.

Technical data
Magnetic.Access Pro-H

Lane width max.	20 ft
Opening / closing time	4.0 s
Power consumption max.	25 W
Duty cycle	100%
Supply voltage	Wide voltage range 85 - 264 V AC
Frequency	50 - 60 Hz
Housing dimensions (WxDxH)	12.4 x 14.2 x 43.9
Weight (without boom and skirt)	97 lbs
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	-22 to +131 °F

Features
Magnetic.Access Pro-H

Standard colors	4 variants
Special painting	○
Barrier boom	MicroBoom
Boom skirt with / without over-climb protection	○ / ○
Control unit	MGC Pro
Integrated 2-channel loop detector	●
Control unit modularly extendable	●
Variable I/O assignment	●
Number of digital inputs	8
Number of relay / digital outputs	6/4
Closing times selectable	●
Opening times selectable	●
Solar / battery option	○
Extended accessories	○
Specified number of cycles	10 Mio
Warranty	2 years

- Standard
- Optionally available
- Not available

