

# Access

Access barrier

**MAGNETIC**<sup>®</sup>  
ACCESS TO PROGRESS



## For access control

The Access Pro series barriers from Magnetic are optimized solutions for access control at car parks, company grounds, residential buildings, port facilities and other secured areas with lane widths up to 20 ft. Compared to the Access Pro-L, The Access Pro-H includes a taller cabinet, with more room for accessories, and a straight MicroBoom arm. Combine the Access Pro-H with the optional barrier arm skirt (with or without climb-over prevention) to effectively stop intruders from crawling under and/or climbing over the barrier.

At the heart of the Access series is the innovative MHTM™ drive that is distinguished by its energy efficiency, lack of maintenance and long service life – the Access series is designed for 10 million opening and closing cycles. The Access Pro-L and Access Pro-H are characterized by a high level of functionality and offer expansion potentials with plug-in modules and exclusive accessories. Magnetic quality lies not just in the detail, but is also easily recognizable thanks to its stylish design. The Access series has already been awarded two design prizes.



### Low operating costs

With arm lengths up to 20 ft the Access Pro series is perfectly suited for a wide variety of applications. Thanks to their high energy efficiency, extremely long service lives, and simple maintenance, barriers from Magnetic are particularly cost-effective – an investment that will certainly pay off!



### Innovative drive technology

The MHTM™ drive unit is maintenance-free, energy-efficient and quiet. The high torque guarantees best possible operation even under extreme weather conditions.



### Legal security

Magnetic vehicular lift barriers have always been UL 325 approved. UL 325 ensures that our product guards against entrapment, fire, and electrical shock.



### Easy access to components

Two simple steps: control systems and the drive unit are easily reached by removing the top cover and front plate. This increases user-friendliness and accelerates commissioning and service.

**MAGNETIC AUTOCONTROL**  
[www.magnetic-access.com/usa](http://www.magnetic-access.com/usa)

ACCESS

PARKING

TOLL

TRAFFIC

# Access

## Access barrier

- > High level of functionality for numerous applications
- > High security with optional barrier arm skirts
- > Very low operating costs thanks to efficient and long-lived MHTM™ drive
- > Ease-of-use and optimum accessibility thanks to well thought-out design
- > Acclaimed design: German Design Award 2014 and Red Dot Design Award 2012
- > Designed for 10 million opening and closing cycles



Technical data	Access Pro-L	Access Pro-H
Barrier width	Max. 20 ft	Max. 20 ft
Opening/closing time	4.0 s	4.0 s
Power consumption	Max. 25 W	Max. 25 W
Drive technology	MHTM™	MHTM™
Voltage	85–264 VAC, 50/60 Hz	85–264 VAC, 50/60 Hz
Duty cycle	100 %	100 %
Housing dimensions (L x W x H)	12.4 x 14.2 x 36.0 in	12.4 x 14.2 x 36.0 in
Enclosure rating	IP 54	IP 54
Temperature range	-22 to +131 °F	-22 to +131 °F
Weight without barrier arm	88.2 lb	97 lb

Features	Access Pro-L	Access Pro-H
Standard colors	RAL 2000, 9006, 9007, 9010	RAL 2000, 9006, 9007, 9010
Barrier arm type	VarioBoom	MicroBoom
Control system	MGC Pro	MGC Pro
Integrated 2-channel detector for induction loops	Standard	Standard
Modular expansion of control system	Freely expandable	Freely expandable
Variable I/O assignment	Standard	Standard
No. of digital inputs	8	8
No. of relays/digital outputs	6/4	6/4
Selectable closing speed	Standard	Standard
Selectable opening speed	Standard	Standard

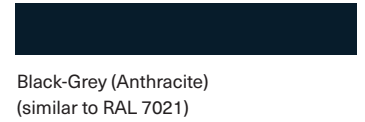
Options	Access Pro-L	Access Pro-H
Special colors	✓	✓
Standard barrier arm skirt		✓
Barrier arm skirt with climb-over prevention (height = 51 in)		✓
Barrier arm skirt with climb-over prevention (height = 70 in)		✓
Barrier arm extension set	✓	
Pendulum support*	✓	✓
Support post*	✓	✓
Barrier arm presence sensor	✓	✓
Barrier arm lock	✓	✓
Barrier arm illumination, red**	✓	✓
LED strips, red/green***	✓	✓
Warning lights	✓	✓
Hood lights	✓	✓
Key-operated switch	✓	✓
Radio module	✓	✓
Ethernet module	✓	✓
RS485 module	✓	✓
CAN module (counting)	✓	✓
Second detector module	✓	✓
GSM module	✓	✓
Photoelectric light barrier	✓	✓
Battery backup	✓	✓
Heater	✓	✓

\* Barrier arms over 15 feet must use a pendulum support or support post  
 \*\* Can only be used on back of barrier arm when used with climbover protection  
 \*\*\* Cannot be used with standard barrier arm skirt

## Standard barrier colors

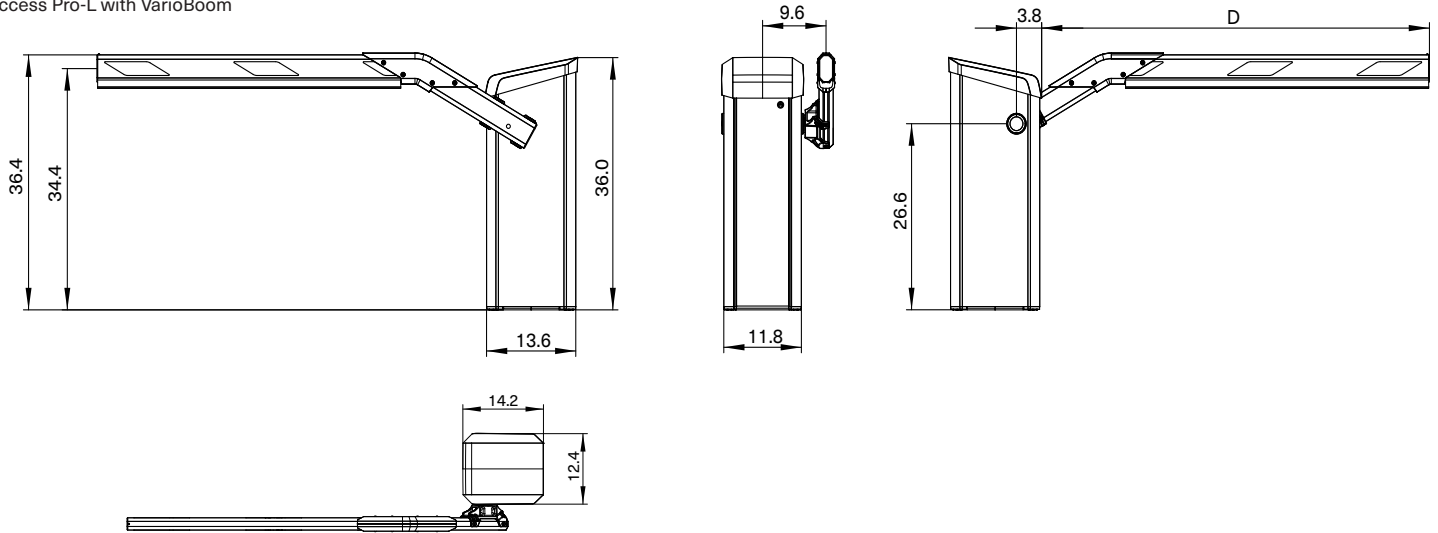


## Standard door color

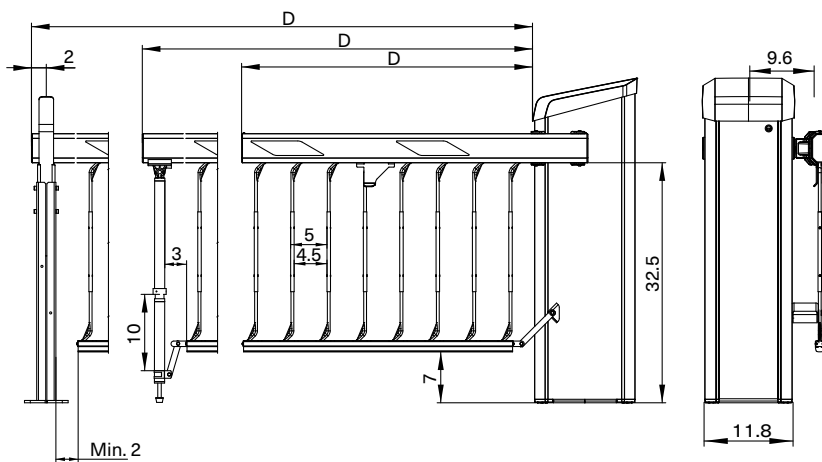


## Dimensional drawings

Access Pro-L with VarioBoom



Access Pro-H with standard barrier arm skirt



Complete dimensional drawings are available on request.

# Access to Progress

Magnetic stands for pioneering products – in every way. Our access control systems for vehicles or pedestrians clear the way for thousands of people every day – at car parks, toll gates, stations, airports and in buildings. Our technology is also pioneering, however: with innovative drives, intelligent control systems and well thought-out details it provides maximum safety and longevity. Are you also on the path to Magnetic?



## Vehicle barriers

Access barriers  
Parking barriers  
Toll barriers  
Traffic barriers  
Special barriers



## Pedestrian gates

Turnstiles  
Swing gates  
Tripod gates  
Retractable gates  
Wing gates



## Terminals

Cars  
Trucks

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