

Access XL2/XXL

Access barriers for wide lanes

mAGNETIC[®]
ACCESS TO PROGRESS



For wide lane use

For entrances to freight forwarders, company and port facilities, as well as on multi-lane roads – Magnetic XL2 and XXL barriers are the ideal solution when wide entrances of up to 28 ft (XL2) and up to 33 ft (XXL) have to be controlled with a single barrier. An optional barrier arm skirt also efficiently prevents intruders in security-relevant areas.

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 XL2 and XXL are designed for 2 million opening and closing cycles. 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.



For wide entrances

With maximum opening widths of 33 ft, the Access XL2 and Access XXL are the ideal solution for wide entrances that have to be controlled with a single barrier. 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.



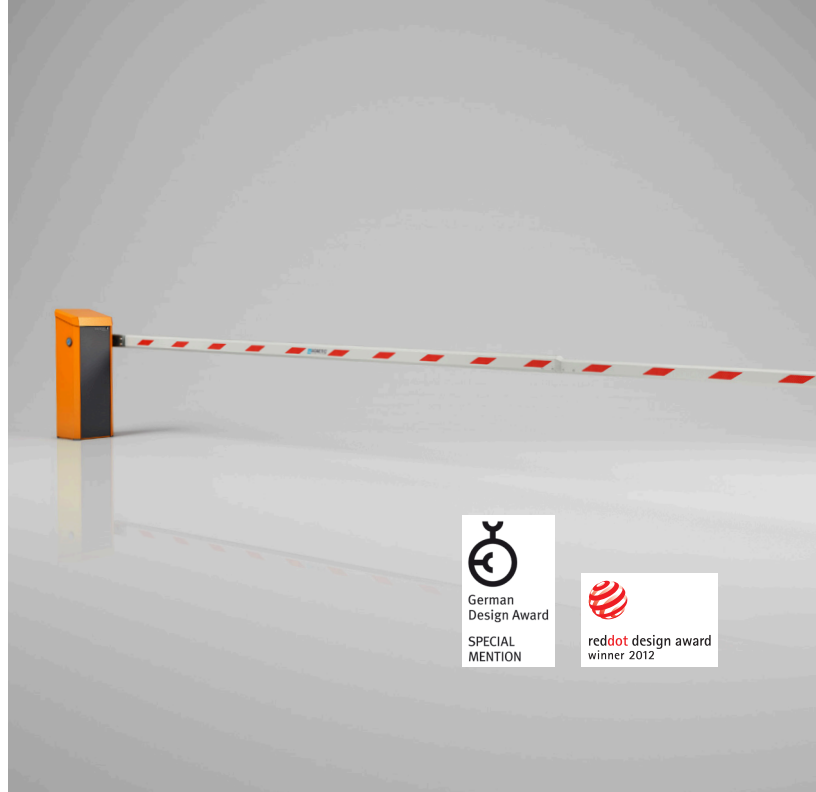
Easy access to components

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.

Access XL2/XXL

Barriers for wide lanes

- › Large barrier width of up to 33 ft
- › High security with optional barrier arm skirt
- › Very low operating costs thanks to efficient and long-lived MHTM™ drive
- › Ease-of-use and optimum accessibility thanks to well thought-out design
- › Designed for 2 million opening and closing actions



Technical data	Access XL 2	Access XXL
Barrier width	Max. 28 ft	Max. 33 ft
Opening/closing time	6.0 s	8.0 s
Power consumption	Max. 17 W	Max. 30 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)	17.1 x 14.2 x 46 in.	17.1 x 14.2 x 46 in.
Enclosure rating	IP 54	IP 54
Temperature range	-22 to +131 °F	-22 to +131 °F
Weight	242.5 lb	247 lb

Features	Access XL 2	Access XXL
Standard colors	Orange (RAL 2000) , White (RAL 9010)	Orange (RAL 2000) , White (RAL 9010)
Barrier arm type	MicroBoom XL	MicroBoom XL
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
Input for safety light barriers with test	Standard	Standard
Selectable closing speed	Standard	Standard
Selectable opening speed	Standard	Standard

Options	Access XL2	Access XXL
Special colors	✓	✓
Pendulum support*	✓	✓
Support post*	✓	✓
Barrier arm locking set	✓	✓
Barrier arm illumination, red ¹	✓	✓
Light strips, red/green ²	✓	✓
Warning lights	✓	✓
Hood lights		
Key-operated switch	✓	✓
Radio module	✓	✓
Ethernet module	✓	✓
RS485 module	✓	✓
CAN module (counting)	✓	✓
Second detector module	✓	✓
GSM module	✓	✓
Photoelectric light barrier	✓	✓

* Barrier arms over 19 ft must be supported with a pendulum support or with a support post.
¹ With climb-over prevention only possible on the back of the barrier arm
² Not in combination with standard barrier arm skirt

Standard barrier colors



Orange
(RAL 2000)



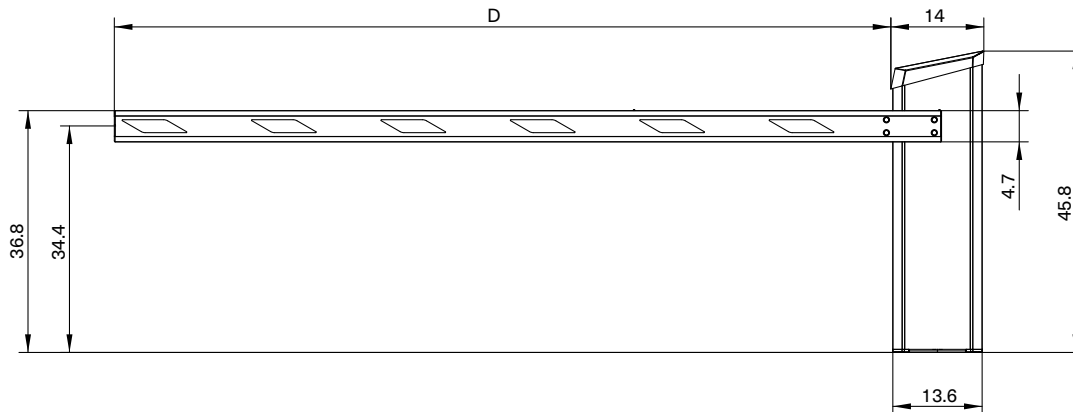
White
(RAL 9010)

Standard door color

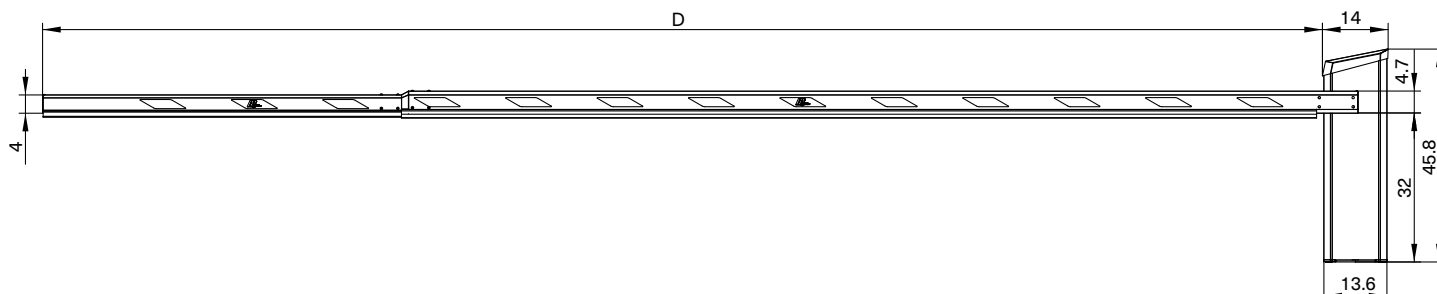


Black-Grey (Anthracite)
(similar to RAL 7021)

Dimensional drawings



From a passage width (D) of more than 20 ft the barrier arm consists of two profiles



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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