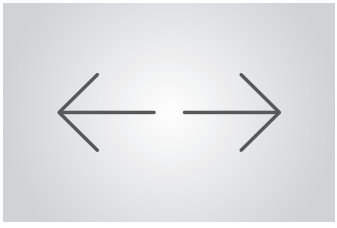
Traffic H1

Horizontal barrier

For specialized vehicle management

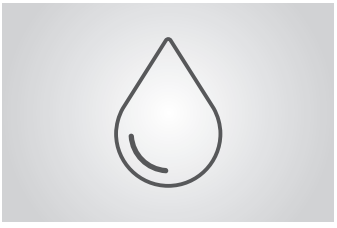
With its horizontal arm movement, the Traffic H1 is a specialist in vehicle management. It is not only used for blocking access to tunnels and lanes; It maximizes its full potential when controlling intersections with alternating cross traffic. It is therefore not only the optimal solution for road traffic, but also for protecting material flows in production plants.

With its patented folding articulated barrier arm, the Traffic H1 can block crossings where space limitations don't allow for the full swing of the barrier arm to both end positions. At the heart of the Traffic H1 is the innovative MHTM™ drive, characterised by its energy efficiency, lack of maintenance, and long service life.



Horizontal turning movements
As horizontal barriers, Traffic H1 can be used in areas with limited heights or to alternate blocking of crossings in intersections. 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 operates without maintenance, energy-efficiently and quietly. Its high torque ensures best possible operation even under extreme weather conditions.



Optimal corrosion protection
The stainless steel base and the housing made of powder-coated aluminium offer optimal long-term protection against corrosion.

Easy access to components
Two simple hand movements suffice: easy access to the control system and drive unit by removing the hood and front panel. This increases user-friendliness and speeds up commissioning and servicing.

MAGNETIC AUTOCONTROL
www.magnetic-access.com/usa

ACCESS | PARKING | TOLL | **TRAFFIC**

Traffic H1

Horizontal barrier

- High functionality for numerous special applications
- Patented folding barrier arm for safety at indoor crossings with differing lane widths
- Low power consumption for economical operation
- Optimum accessibility for particularly simple maintenance
- Form based on the prizewinning design of the Access barriers

Technical Data	H1LE with standard arm	H1LE with folding arm	H1SE
Barrier width	max. 20 ft	max. 15 ft	max. 12 ft
Opening/closing time	4.0 s	4.0 s	2.0 s
Power consumption	max. 45 W	max. 45 W	max. 90 W
Drive technology	MHTM™	MHTM™	MHTM™
Voltage	85–264 VAC, 50/60 Hz	85–264 VAC, 50/60 Hz	85–264 VAC, 50/60 Hz
Duty cycle	100 %	100 %	100 %
Housing dimensions (W x D x H) without support	12.2 x 14.2 x 37 in	–	12.2 x 14.2 x 37 in
Housing dimensions (W xD x H) with support	12.2 x 14.2 x 53.4 in	12.2 x 14.2 x 53.4 in	–
Enclosure rating	IP 54	IP 54	IP 54
Temperature range	–22 to +131 °F	–22 to +131 °F	–22 to +131 °F
Weight (without barrier arm)	121.3 lb	121.3 lb	121.3 lb

Features	H1LE with standard arm	H1LE with folding arm	H1SE
Standard colors	RAL 2000, 9010	RAL 2000, 9010	RAL 2000, 9010
Barrier arm type	MicroBoom-H1	MicroBoom-F1	MicroBoom-H1
Control system	MGC Pro	MGC Pro	MGC Pro
Integrated 2-channel detector for induction loops	Standard	Standard	Standard
Modular expansion of control system	Freely expandable	Freely expandable	Freely expandable
Variable I/O assignment	Standard	Standard	Standard
Number of digital inputs	8	8	8
Number of relay/digital outputs	6/4	6/4	6/4
Input for safety photoelectric switch with test	Standard	Standard	Standard
Selectable closing speed	Standard	Standard	Standard
Selectable opening speed	Standard	Standard	Standard

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Options	H1LE	H1SE
Special colors	✓	✓
Barrier arm skirt	✓	
Folding articulated barrier arm	✓	
Key-operated switch	✓	✓
Radio module	✓	✓
Ethernet module	✓	✓
RS485 module	✓	✓
CAN module (counting)	✓	✓
Electromechanical end-position locking	✓	✓

Standard barrier colors

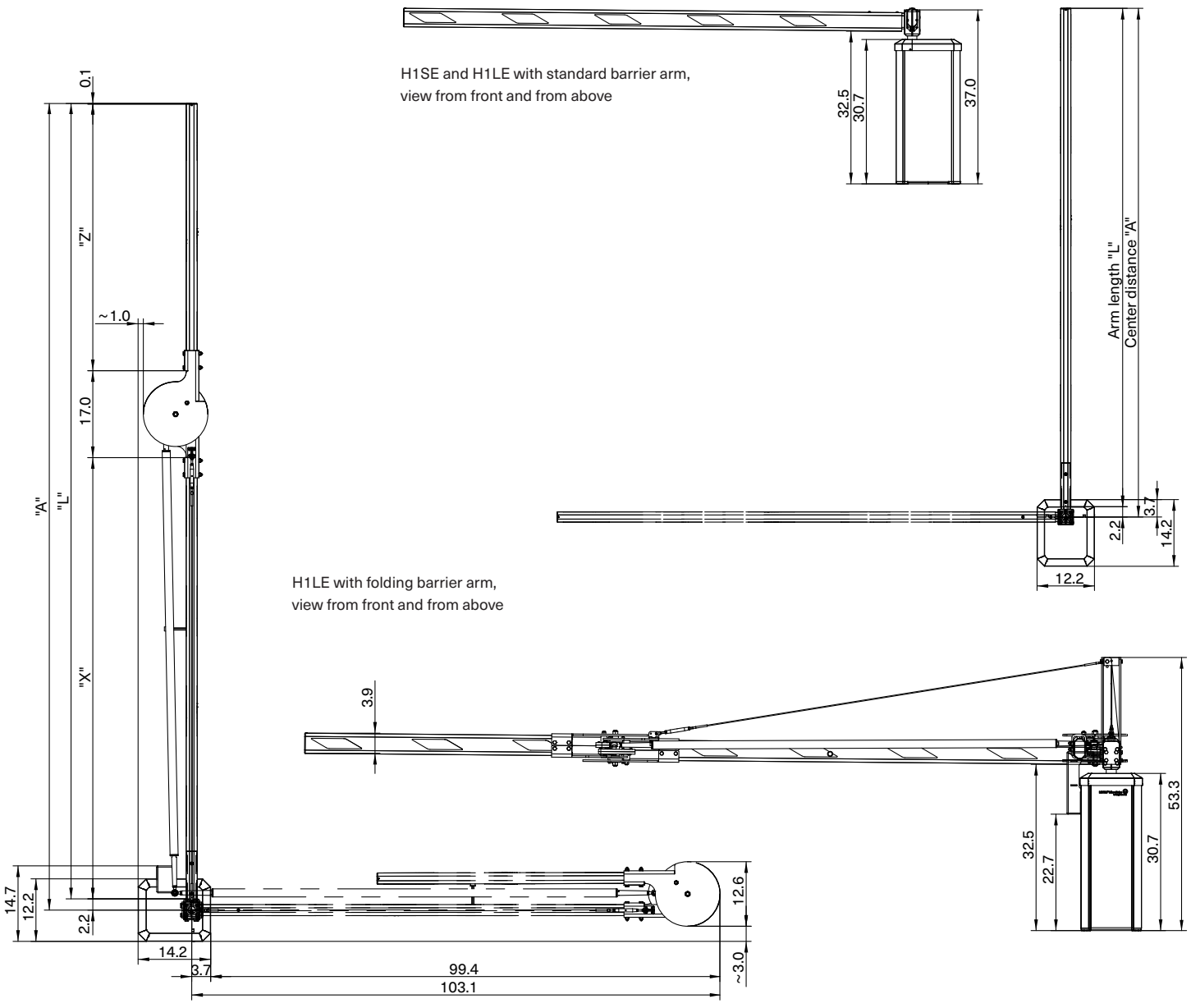
Orange
(RAL 2000)

White
(RAL 9010)

Standard door color

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

Dimensional drawings



MAGNETIC®
ACCESS TO PROGRESS

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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