

# Traffic H1

Horizontal barrier

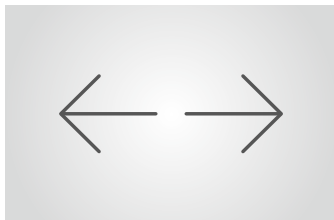
**MAGNETIC**<sup>®</sup>  
ACCESS TO PROGRESS



## For demanding security tasks

As horizontal barriers, the Traffic H1 is a specialist in vehicle and pedestrian management. It is not only used for blocking access to tunnels and lanes. It exploits its full potential when controlling junctions where traffic alternates in longitudinal and transverse directions. It is therefore not only the optimal solution for road traffic, but also for protecting material flows in production plants.

With its patented folding boom, the Traffic H1 can therefore even block crossings where the ratio of lane widths in the longitudinal and transverse directions is greater than 2:1. 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 also be used in areas with limited heights. Swivel mode also allows alternate blocking of crossings in longitudinal and transverse directions.



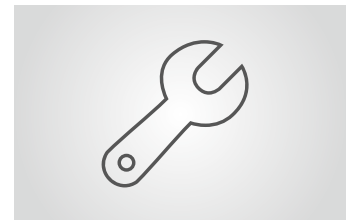
### Innovative drive technology

The MHTM™ drive unit operates without maintenance, energy-efficiently and quietly. Its high torque ensures best possible operation even under extreme weather conditions.



### Legal security

Horizontal barriers from Magnetic have a conformity declaration in line with the Machinery Directive. So operators and installers are always on the safe side regarding liability issues.



### 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.

# Traffic H1

## Horizontal barrier

- > High functionality for numerous special applications
- > Patented folding boom 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

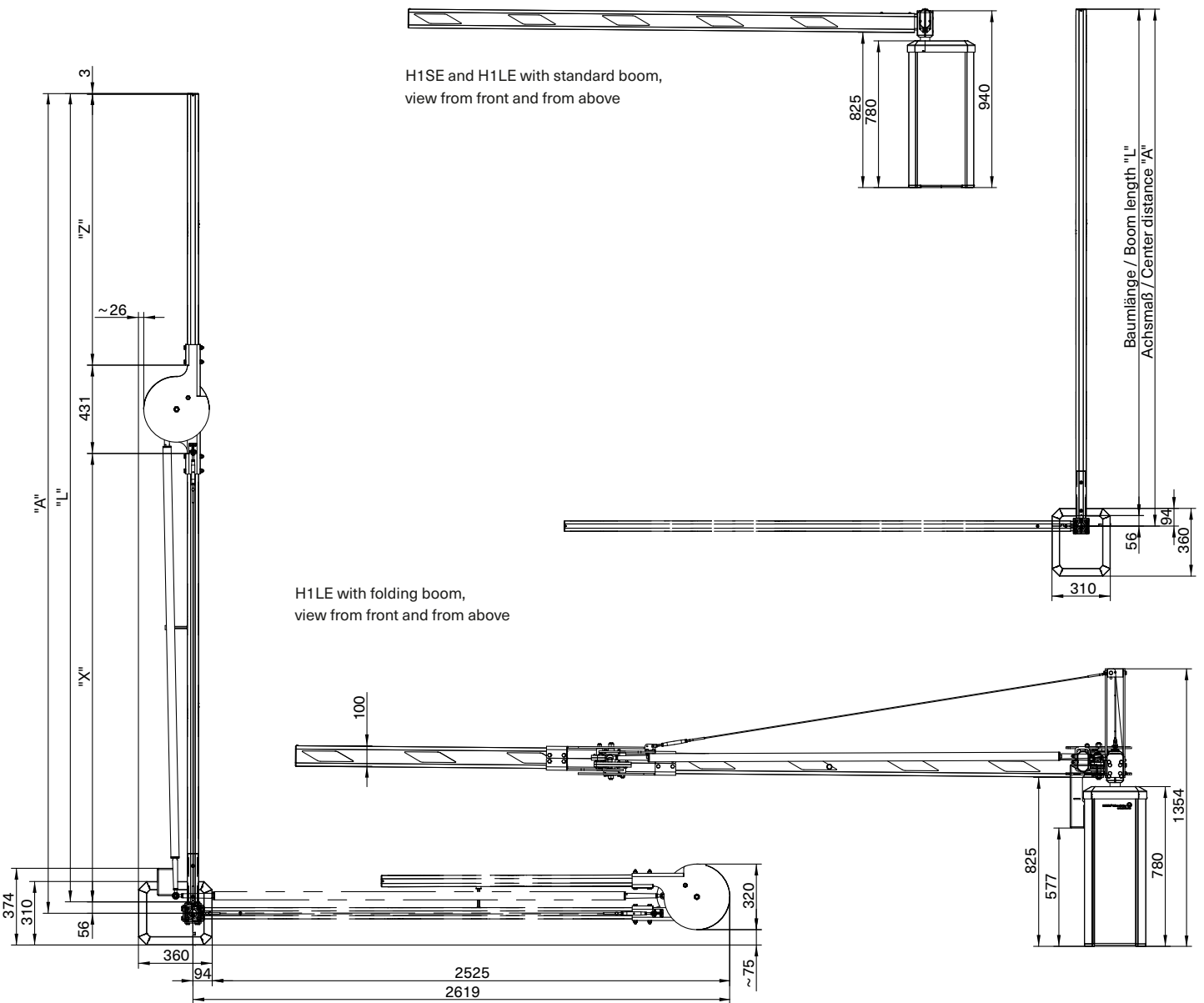


Technical Data	H1LE with standard boom	H1LE with folding boom	H1SE
Barrier width	max. 6.0 m	max. 4.5 m	max. 3.5 m
Opening/closing time	4.0 s	4.0 s	2.0 s
Power consumption	max. 45 W	max. 45 W	max. 90 W
Drive technology	MHTM™	MHTM™	MHTM™
Voltage	85–264 VAC, 50/60 Hz	85–264 VAC, 50/60 Hz	85–264 VAC, 50/60 Hz
Duty cycle	100 %	100 %	100 %
Housing dimensions (W x D x H) without support	315 x 360 x 940 mm	–	315 x 360 x 940 mm
Housing dimensions (W x D x H) with support	315 x 360 x 1355 mm	315 x 360 x 1355 mm	–
Enclosure rating	IP 54	IP 54	IP 54
Temperature range	–30 to +55 °C	–30 to +55 °C	–30 to +55 °C
Weight (without boom)	55 kg	55 kg	55 kg

Features	H1LE with standard boom	H1LE with folding boom	H1SE
Standard colours	RAL 2000	RAL 2000	RAL 2000
Barrier boom	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 light barrier with test	Standard	Standard	Standard
Selectable closing speed	Standard	Standard	Standard
Selectable opening speed	Standard	Standard	Standard

Options	H1LE	H1SE
Special colours	✓	✓
Boom skirt	✓	
Folding boom	✓	
Hood lights	✓	✓
Key-operated switch	✓	✓
Radio module	✓	✓
Ethernet module	✓	✓
RS485 module	✓	✓
CAN module (counting)	✓	✓
Electronic end-position locking	✓	✓

## Dimensional drawings



# 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  
Special barriers



## Pedestrian gates

Turnstiles  
Swing gates  
Tripod gates  
Retractable gates  
Wing gates



## Terminals

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Trucks

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