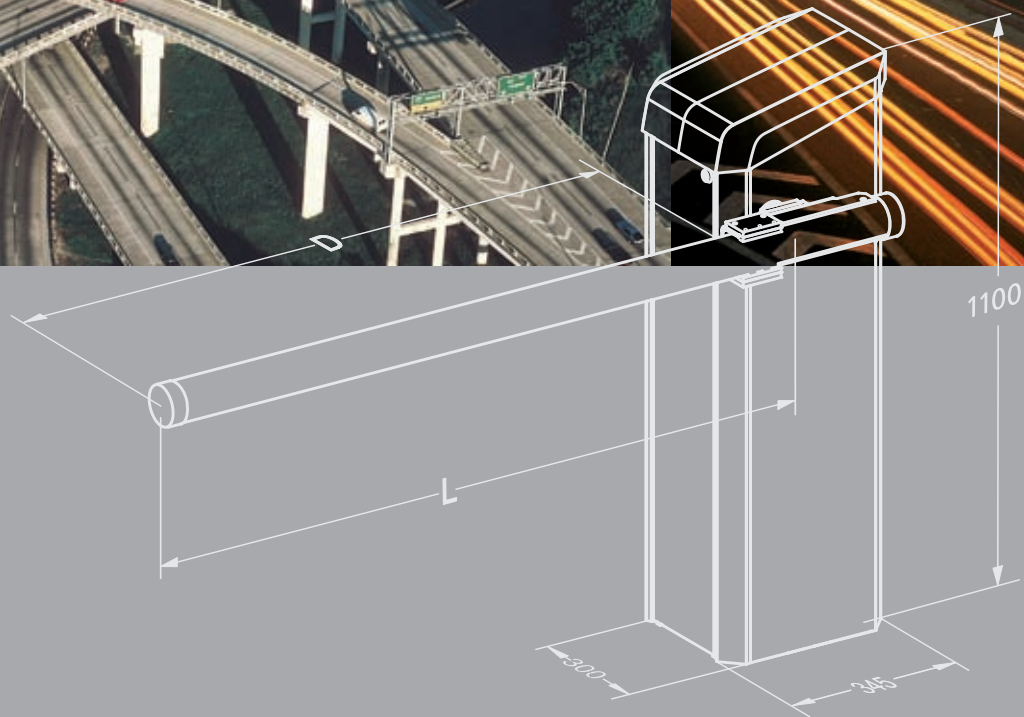


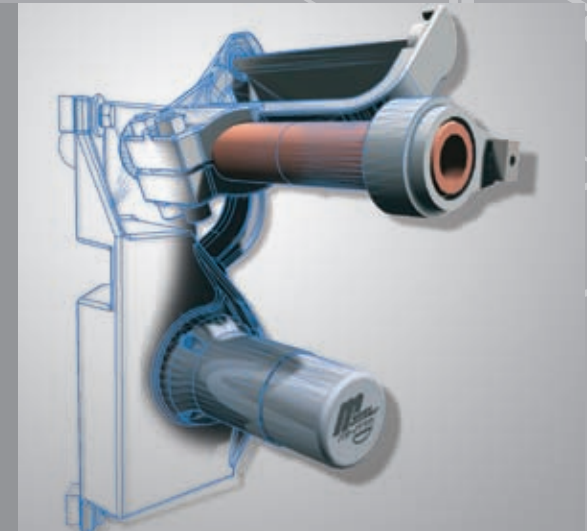
MicroDrive series – Barriers for state-of-the-art toll traffic.



Magnetic.Toll



Magnetic – discover the difference



Every person is an individual and the more we live our individuality, the more we can discover and experience our own needs. Figuratively, this is also true for the innovative **MicroDrive** barrier range of the Magnetic Autocontrol group. From a simple application through to a prestigious object, you can determine »your« barriers according to your requirement profile.

People are behind every project and every solution. This essential criterion was taken consistently into consideration in the development of the **MicroDrive** series. The result is a unique barrier generation aligned to the needs of operators and users.

We employ state-of-the-art technologies and use environmentally sound and recyclable materials. Our electronics offer maximum options for the connection to higher-ranking systems, the software is user-friendly and can be configured.

Magnetic.Access barriers use significantly less energy than comparable products of competitors.

The **MicroDrive** concept secures decisive advantages for you and optimises the benefits of your facility at the same time.

Discover the difference.

- **MHTM™ MicroDrive**
- **SwingAway barrier boom**
- **MGC control unit**
- **Value-preserving aluminium housing**
- **Corrosion-resistant base frame**
- **3 performance and equipment variants**

Select your barrier



Magnetic.Toll

You are looking for a cost-effective barrier which does not fail you and operates without any particular maintenance work under almost any conditions? In that case, Magnetic.Toll is your first choice!

- 1.3 sec opening time
- High integrated basic functionality
- Integrated control
- Optional functions

Magnetic.Toll barriers are equipped with all important basic functions and lend themselves to applications in which reliability and durability are more important than speed.



Magnetic.Toll Pro

In heavily frequented facilities with peak traffic and high demands on functionality, the Magnetic.Toll Pro barrier ensures smooth passages.

- 0.9 sec opening time
- High integrated basic functionality
- Integrated control
- Optional functions

Par excellence, the barrier for professional operation. Balanced performance and price. With the Magnetic.Toll Pro barrier, we are continuing a long-standing and successful tradition.



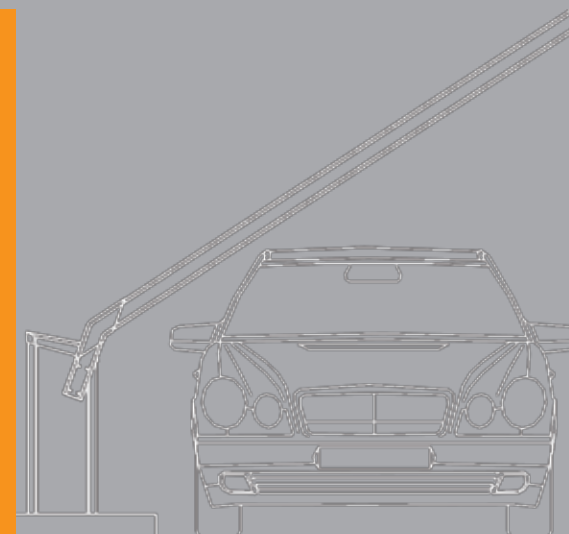
Magnetic.Toll HighSpeed

You want more? An exceptional barrier with ultraspeeds? Our top model, Magnetic.Toll HighSpeed, is the right answer!

- 0.5 sec opening time
- High integrated basic functionality
- Integrated control
- Optional functions

The Magnetic.Toll HighSpeed barrier redefines the performance in non-stop toll applications.

Benefit provided by technology



What makes a new engineering development a masterpiece? Is it the drive concept, the control, the productivity or the design?

The innovative **MHTM™** drive technology of the **MicroDrive** series is captivating. No maintenance, high performance and speed are only some of the outstanding features. The »size« of the drive with its integrated servo control and the compact high-performance gearing adapted to the required performance are astounding.

This concept reduces the number of system components considerably and provides essential cost savings in purchase and upkeep.

The revolutionary drive solution is complemented by the newly designed **MGC** control with integrated detectors. The configuration is supported by a large LCD display and keys. Users enjoy simple and fast operation online or on site in a wireless fashion depending on the version.

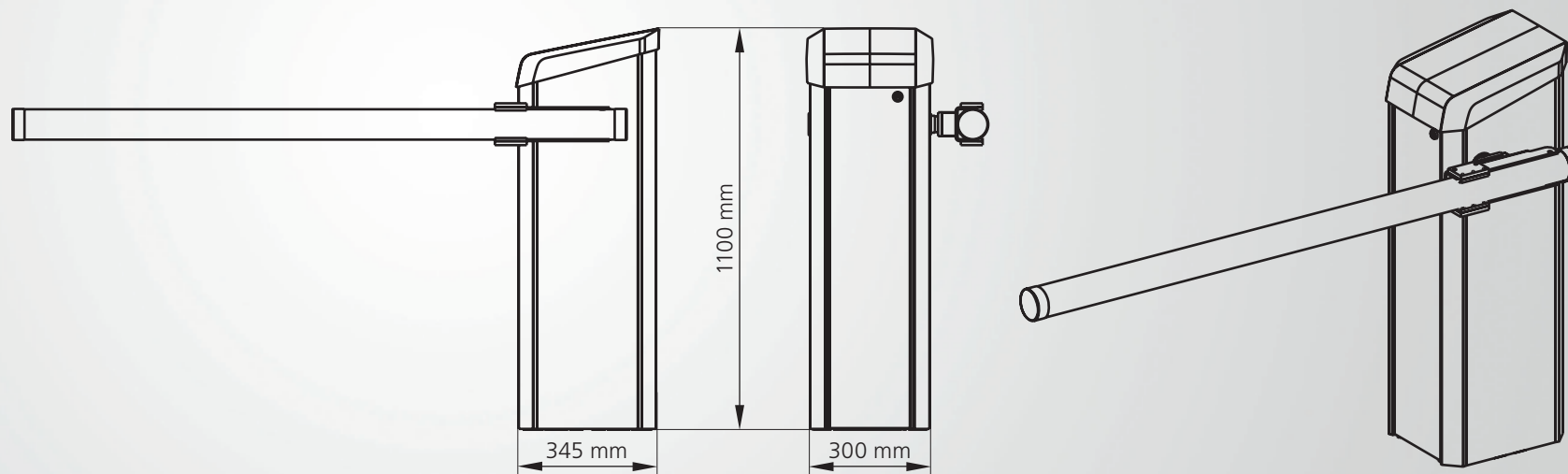
The careful selection of materials contributes to a higher performance and serviceable life of our products. The aluminium housing guarantees high stability and thus an attractive appearance at all times. The convenient housing design offers comfortable access of the drive system from two sides. Control electronics can be reached from the top, protected by a lockable hood; experts

value this additional convenience. The change from a »right-hand« to a »left-hand« version is easily achieved.

The demands on a barrier for toll solutions are extreme. Apart from opening and closing times, toll barriers must be particularly reliable, extremely strong and should require only low maintenance work. The special **SwingAway** barrier boom prevents unnecessary damage to vehicles and the barrier in case of an unpermitted or forced passage.

Just select the model variant best suited to your requirements.

Dimensions and performance



Our barriers have been developed, built and tested according to the latest standards and directives. They correspond to the requirements of the demanding specifications of UL, the certification authority for product safety in the United States, and applicable European directives.

CE conformity as well as the adherence to the safety requirements of the EMC Directive **2004/108/EC**, Low Voltage Directive **2006/95/EC** and the basic requirements of the Machinery Directive **2006/42/EC** are guaranteed.

We assure the constant quality of our products by our quality management system according to ISO 9001:2008.

Technical data	Toll	Toll Pro	Toll HighSpeed
Barrier width max.	3 m	3 m	3 m
Opening/closing time	1.3 s	0.9 s	0.5 s
On-time	100 %		
Supply voltage	Wide voltage range 85 V – 264 V		
Frequency	50/60 Hz		
Power consumption max.	110/400 W		
Housing dimensions (WxDxH)	300 mm x 340 mm x 1100 mm		
Weight without boom	44 kg		
Ingress protection	IP 54		
Temperature range	-30 °C to +50 °C		

Further information is contained in the respective data sheets and operating instructions. The technical data is without engagement, we reserve the right of implementing changes.

Magnetic – global partner



In almost 100 countries, facility owners and operators trust the barrier products of the Magnetic Autocontrol group. The professional and progressive appearance of a toll facility starts at the barrier. With the proverbial reliability of our barriers, we help optimising the flow of traffic and securing revenue in a decisive manner.

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Profit from our long-standing experience, from the flexibility and competitive advantages of our products – become a preferred customer of Magnetic Autocontrol.

www.ac-magnetic.com

