For economical access control
These access barriers from Magnetic are cost-optimised solutions for access control at car parks, company grounds, residential buildings and similar sites.
When the stipulated safety equipment is installed, these barriers – with their low impact forces – are approved for use wherever the movement of persons cannot be ruled out for structural reasons.*
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. Two basic variants are available, depending on requirements: the basis models Access and Access-L are characterised by a high level of underlying functionality. The two Pro models also offer expansion potentials with plug-in modules and exclusive accessories. By the way, Magnetic quality lies not just in the detail, but is also easily recognisable to all thanks to stylish design. The Access series has already been awarded two design prizes.

* The Pro variant only with slow setting of the closing speed (2.5 s).
### Technical data

<table>
<thead>
<tr>
<th>Feature</th>
<th>Access</th>
<th>Access-L</th>
<th>Access Pro</th>
<th>Access Pro-L</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lane width</td>
<td>Max. 3.5 m</td>
<td>Max. 5.0 m</td>
<td>Max. 3.5 m</td>
<td>Max. 6.0 m</td>
</tr>
<tr>
<td>Opening/closing time</td>
<td>2.2 s</td>
<td>4.0 s</td>
<td>1.3 s</td>
<td>4.0 s</td>
</tr>
<tr>
<td>Power consumption</td>
<td>Max. 25 W</td>
<td>Max. 30 W</td>
<td>Max. 95 W</td>
<td>Max. 26 W</td>
</tr>
<tr>
<td>Drive technology</td>
<td>MHTM™</td>
<td>MHTM™</td>
<td>MHTM™</td>
<td>MHTM™</td>
</tr>
<tr>
<td>Voltage</td>
<td>85–264 VAC, 50/60 Hz</td>
<td>85–264 VAC, 50/60 Hz</td>
<td>85–264 VAC, 50/60 Hz</td>
<td>85–264 VAC, 50/60 Hz</td>
</tr>
<tr>
<td>Duty cycle</td>
<td>100 %</td>
<td>100 %</td>
<td>100 %</td>
<td>100 %</td>
</tr>
<tr>
<td>Housing dimensions (W x D x H)</td>
<td>315 x 360 x 915 mm</td>
<td>315 x 360 x 915 mm</td>
<td>315 x 360 x 915 mm</td>
<td>315 x 360 x 915 mm</td>
</tr>
<tr>
<td>Enclosure rating</td>
<td>IP 54</td>
<td>IP 54</td>
<td>IP 54</td>
<td>IP 54</td>
</tr>
<tr>
<td>Temperature range</td>
<td>−30 to +55 °C</td>
<td>−30 to +55 °C</td>
<td>−30 to +55 °C</td>
<td>−30 to +55 °C</td>
</tr>
<tr>
<td>Weight</td>
<td>40 kg</td>
<td>40 kg</td>
<td>40 kg</td>
<td>40 kg</td>
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</tbody>
</table>

### Features

<table>
<thead>
<tr>
<th>Feature</th>
<th>Access</th>
<th>Access-L</th>
<th>Access Pro</th>
<th>Access Pro-L</th>
</tr>
</thead>
<tbody>
<tr>
<td>VarioBoom barrier boom</td>
<td>Standard</td>
<td>Standard</td>
<td>Standard</td>
<td>Standard</td>
</tr>
<tr>
<td>Control system</td>
<td>MGC</td>
<td>MGC</td>
<td>MGC Pro</td>
<td>MGC Pro</td>
</tr>
<tr>
<td>Modular expansion of control system</td>
<td>Radio receiver and other detector modules</td>
<td>Radio receiver and other detector modules</td>
<td>Freely expandable</td>
<td>Freely expandable</td>
</tr>
<tr>
<td>Variable I/O assignment</td>
<td>–</td>
<td>–</td>
<td>Standard</td>
<td>Standard</td>
</tr>
<tr>
<td>No. of digital inputs</td>
<td>8</td>
<td>8</td>
<td>8</td>
<td>8</td>
</tr>
<tr>
<td>No. of relays/digital outputs</td>
<td>6/4</td>
<td>6/4</td>
<td>6/4</td>
<td>6/4</td>
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<tr>
<td>Input for safety light barrier with test</td>
<td>1</td>
<td>1</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>Selectable closing speed</td>
<td>Standard</td>
<td>Standard</td>
<td>Standard</td>
<td>Standard</td>
</tr>
<tr>
<td>Selectable opening speed</td>
<td>–</td>
<td>–</td>
<td>Standard</td>
<td>Standard</td>
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</tbody>
</table>
**Options**

<table>
<thead>
<tr>
<th>Options</th>
<th>Access</th>
<th>Access-L</th>
<th>Access Pro</th>
<th>Access Pro-L</th>
</tr>
</thead>
<tbody>
<tr>
<td>Special colours</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
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<tr>
<td>Boom extension set</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Articulated boom*</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Pendulum support**</td>
<td>✓</td>
<td></td>
<td></td>
<td>✓</td>
</tr>
<tr>
<td>Support post*</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
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<tr>
<td>Boom drop contact</td>
<td>✓</td>
<td>✓</td>
<td></td>
<td>✓</td>
</tr>
<tr>
<td>Boom interlock</td>
<td>✓</td>
<td></td>
<td></td>
<td>✓</td>
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<tr>
<td>Boom illumination, red</td>
<td>✓</td>
<td>✓</td>
<td></td>
<td>✓</td>
</tr>
<tr>
<td>Light strips, red/green</td>
<td>✓</td>
<td></td>
<td></td>
<td>✓</td>
</tr>
<tr>
<td>Hood light</td>
<td>✓</td>
<td>✓</td>
<td></td>
<td>✓</td>
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<tr>
<td>Key-operated switch</td>
<td>✓</td>
<td></td>
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<td>✓</td>
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<tr>
<td>Radio module</td>
<td>✓</td>
<td>✓</td>
<td></td>
<td>✓</td>
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<tr>
<td>Ethernet module</td>
<td></td>
<td></td>
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<tr>
<td>RS485 module</td>
<td></td>
<td></td>
<td></td>
<td>✓</td>
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<tr>
<td>CAN module (counting)</td>
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<td></td>
<td></td>
<td>✓</td>
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<tr>
<td>Second detector module</td>
<td>✓</td>
<td></td>
<td></td>
<td>✓</td>
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<tr>
<td>GSM module</td>
<td>✓</td>
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<td></td>
<td>✓</td>
</tr>
<tr>
<td>Safety light barrier</td>
<td>✓</td>
<td></td>
<td></td>
<td>✓</td>
</tr>
<tr>
<td>Battery backup</td>
<td>✓</td>
<td>✓</td>
<td></td>
<td>✓</td>
</tr>
</tbody>
</table>

* max. 4.5 m lane width, max 3.5 m height
** Pendulum support or a support post are required from a boom length of 3.5 m.

**Standard colours**

<table>
<thead>
<tr>
<th>Colour</th>
<th>Access</th>
<th>Access-L</th>
<th>Access Pro</th>
<th>Access Pro-L</th>
</tr>
</thead>
<tbody>
<tr>
<td>Orange (RAL 2000)</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>White aluminium (similar to RAL 9006)</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Grey aluminium (similar to RAL 9007)</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
</tbody>
</table>

**Dimensional drawings**

![Dimensional drawings](image-url)
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**
- Cars
- Trucks

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