



### The elegant access solution for secured areas

Demanding architecture with high security requirements poses a huge challenge – especially for access controls. We have developed the mWing pedestrian passageway for these applications. Thanks to its extra slimline silhouette, it not only fits seamlessly into your environment but also delivers a decisive level of additional security due to its high doors, mechanical locking and comprehensive monitoring of the access area.

The mWing is also perfectly equipped to meet the requirements of the user. Extremely short opening times – which are speeded up further by the preset travel function – and the possibility of open-gate operation make the tiresome exercise of compulsory access controls a minor detail that is completed in passing. This alone means that the mWing increases user acceptance and thus also significantly improves security in the building. The lighting options and the warm, pleasant housing made of mDure<sup>®</sup> prepare a friendly welcome for visitors and guide them reliably into the building.



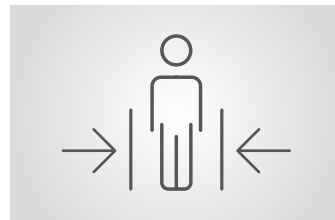
#### Unobstructed escape routes

FlowMotion<sup>®</sup> gates provide free passage if there is a power outage or alarm signal. They automatically resume operation when the alarm is over or power has been restored.



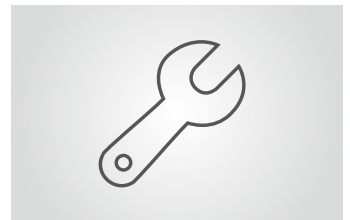
#### Large visitor numbers

It makes sense to use several parallel lines if large numbers of visitor authorizations need confirmation within a very short time. All FlowMotion<sup>®</sup> pedestrian gates are suitable for the straightforward setting up of multiple applications thanks to their uniform stylistic language and control technology.



#### Secure access control

Light barriers in the passageway reliably detect people and objects. They enable non-contact throughput and trigger an alarm in the event of unauthorised use.



#### Rapid installation

Our pedestrian gates are supplied ready for installation. All the selected options have already been installed, and the corresponding parameters preset, before delivery to the point of use. This, and the drilling templates, considerably shorten commissioning times.

# mWing

## Pedestrian passageway with wing gates

- > High visitor throughput thanks to rapid opening times and preset travel function
- > Open-gate mode for extra throughput acceleration
- > For maximum security requirements in monitored and unmonitored areas
- > Low impact forces for maximum personal safety
- > Freely turning on power outages
- > Designed for 10 million opening and closing cycles



Technical data	mWing
Application	Indoor and outdoor
Passage width	Standard: 600 mm Wide Lane: 900 mm (more on request)
Height of barrier elements	Standard: 888 mm High: 1800 mm (more on request)
Opening/closing time	0.6 – 1 s, depending on barrier element dimensions
Flow ratings (number of persons per min.) <sup>1</sup>	approx. 40
Drive technology	MHTM™
Control system	MGC
Voltage	100–240 V AC, 50/60 Hz
Power consumption	Maximum 45 W
Duty cycle	100%
Housing material	mDure
Housing dimensions (L x W x B)	1300 x 1050 x 180 mm
Enclosure rating	IP 54
Weight	About 120 kg per module
Temperature range	–30 to +55 °C

<sup>1</sup> Depending on reader, lock setting, person behaviour

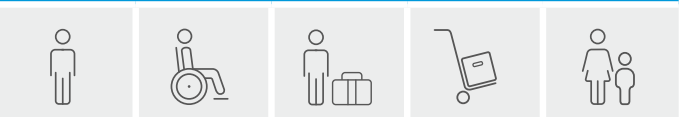
Features	
Direction of passage	Uni- or bi-directional
Emergency release	On power outage or closing of alarm contacts
Random generator	Integrated in control system
Throughput data acquisition and event log	Integrated in control system
Control system inputs and outputs	8 digital inputs, 4 digital outputs, and 6 relay outputs

### Standard colours

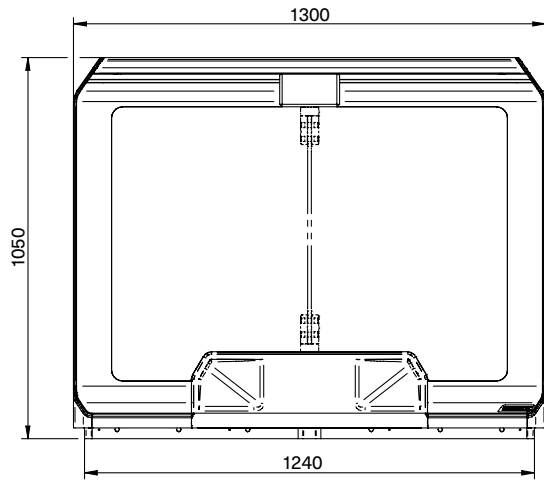
	
<b>White aluminium</b> (similar to RAL 9006)	<b>Jet black</b> (similar to RAL 9005)

An overview of all special colours and effect coatings is available on page 100.

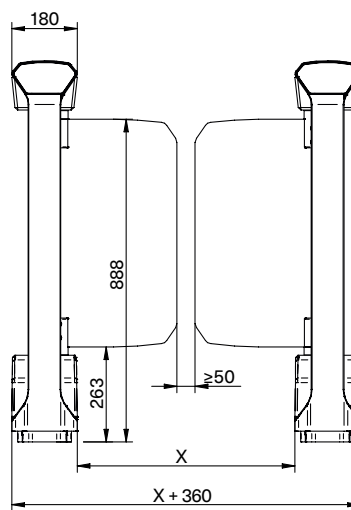
### Potential applications



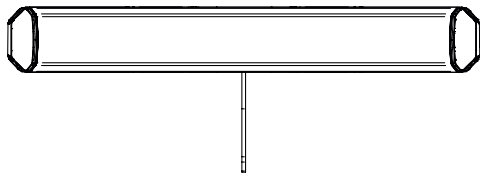
mWing – side view



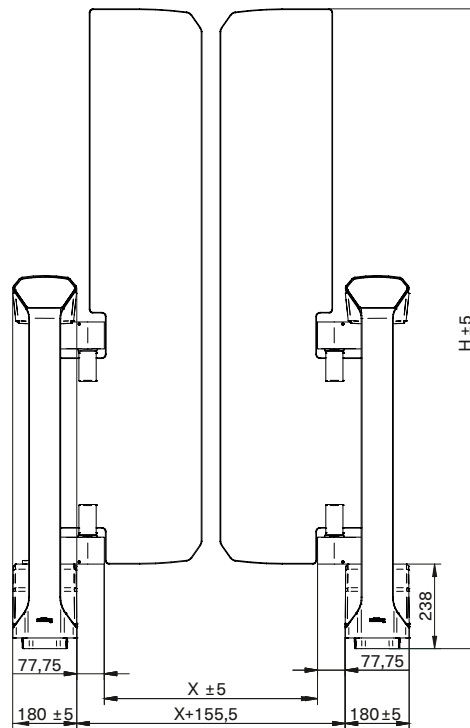
mWing – front view



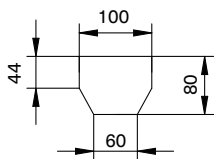
mWing – top view (1 module)



mWing – front view with high glass panel



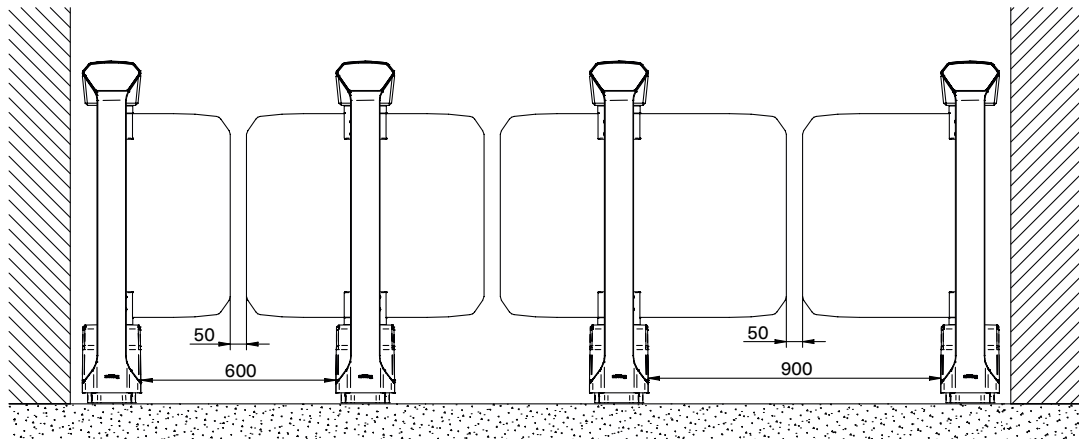
Mounting space for reader devices  
(without optional passage indicator, mounting depth 40 mm)



Passage width				
Name	X [mm]	H1 [mm]	H2 [mm]	H3 [mm]
Narrow	520	1200	1500	1800
Standard	600	1200	1500	1800
Wide	900	1200	1500	1800
Extra wide	960	1200	1500	1800

Dimension X applies to normal and high doors, H1 to H3 only apply to high doors.

Line configuration of mWing with passage in standard width and with wide passageway



# 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

Cars  
Trucks

*Germany*  
**MAGNETIC AUTOCONTROL GMBH**  
Grienmatt 20  
79650 Schopfheim  
Phone +49 7622 695-5  
Fax +49 7622 695-800  
E-mail [info@magnetic-germany.com](mailto:info@magnetic-germany.com)

*Australia*  
**MAGNETIC AUTOMATION PTY LTD**  
38 Metrolink Circuit  
Campbellfield, VIC 3061  
Phone +61 3 9339 2900  
E-mail [info@magnetic-oz.com](mailto:info@magnetic-oz.com)

*Austria*  
**FAAC GMBH**  
Münchner Bundesstraße 123  
5020 Salzburg  
Phone +43 662 853395-0  
E-mail [at.info@faacgroup.com](mailto:at.info@faacgroup.com)

*Benelux countries*  
**FAAC BENELUX NV/SA**  
Industriezone 3B  
8490 Jabbeke  
Belgium  
Phone +32 50 320202  
E-mail [info@magnetic-benelux.com](mailto:info@magnetic-benelux.com)

**MAGNETIC AUTOCONTROL GMBH**  
[www.magnetic-access.com](http://www.magnetic-access.com)

*Brazil*  
**MAGNETIC AUTOCONTROL LTDA**  
Rua Toledo Barbosa 491.  
03061-000 Belenzinho  
São Paulo - SP - Brasil  
Phone +55 11 5660 8500  
E-mail [info@magnetic-br.com](mailto:info@magnetic-br.com)

*China*  
**MAGNETIC CONTROL SYSTEMS CO., LTD**  
No. 3 Building, No. 51  
Lane 1159, Kang Qiao (East) Road  
Kang Qiao Industrial Zone, Shanghai  
Phone +86 21 68182970  
E-mail [info@magnetic-cn.com](mailto:info@magnetic-cn.com)

*France*  
**FAAC FRANCE**  
377 Rue Ferdinand Perrier  
69808 St Priest Cedex  
Phone +33 4 72 21 86 89  
E-mail [info@magnetic-fr.com](mailto:info@magnetic-fr.com)

*India*  
**MAGNETIC FAAC INDIA PVT LTD.**  
PRS Centre  
Plot No. 373 to 376, 2nd Floor (West Wing)  
1st Cross Street, Nehru Nagar  
Old Mahabalipuram Road  
Kottivakkam (Opp Rayala Technopark,  
Perungudi)  
Chennai 600041  
Phone +91 44 421 23297  
E-mail [info@magnetic-india.com](mailto:info@magnetic-india.com)

*Ireland*  
**NATIONAL AUTOMATION LTD**  
Boyle Business Park,  
Boyle, Co. Roscommon  
F52 V590  
Phone + 353 71 9663893  
E-mail [sales@nal.ie](mailto:sales@nal.ie)

*Italy*  
**FAAC S.P.A. SOC. UNIPERSONALE**  
Via Calari, 10  
40069 Zola Predosa (BO)  
Phone +39 05161724  
E-mail [controlloaccessi@faacgroup.com](mailto:controlloaccessi@faacgroup.com)

*Middle East*  
**FAAC MIDDLE EAST FZE**  
Dubai Silicon Oasis  
PO Box 54886  
Dubai  
United Arab Emirates  
Phone +971 4 3724193  
E-mail [info@magnetic-uae.com](mailto:info@magnetic-uae.com)

*N. and S. America (excl. Brazil)*  
**FAAC INTERNATIONAL, INC**  
3160 Murell Road  
Rockledge, FL 32955  
USA  
Phone +1 321 635 8585  
E-mail [info@magnetic-usa.com](mailto:info@magnetic-usa.com)

*Russia*  
**FAAC RUSSIA**  
111141, г. Москва,  
3-й проезд Перова Поля,  
дом 8, стр. 1  
Phone +7 (495) 646-87-40  
E-mail [info@faac.ru](mailto:info@faac.ru)

*Scandinavia*  
**FAAC NORDIC AB**  
Box 125  
284 22 Perstorp  
Sweden  
Phone +46 435 77 95 03  
E-mail [info@magnetic-nordic.com](mailto:info@magnetic-nordic.com)

*Southeast Asia*  
**MAGNETIC CONTROL SYSTEMS SDN. BHD**  
No. 17, Jalan Anggerik Mokara 31/54  
Taman Perindustrian Kota Kemuning  
40460 Shah Alam  
Selangor Darul Ehsan  
Malaysia  
Phone +60 3 5123 0033  
E-mail [info@magnetic-malaysia.com](mailto:info@magnetic-malaysia.com)

*Spain*  
**CLEM, S.A.U.**  
Avda. de la Fuente Nueva, nº 12 –  
Nave 8 – 18  
28703 San Sebastián de los Reyes  
Madrid  
Phone: +34 91 358 11 10  
E-mail: [info@clem.es](mailto:info@clem.es)

*United Kingdom*  
**FAAC (UK) LIMITED**  
Unit 10 The Hatch Industrial Park,  
Greywell Road,  
Mapledurwell, Basingstoke, Hampshire,  
RG24 7NG  
Phone 01256 318100  
E-mail [sales@faac.co.uk](mailto:sales@faac.co.uk)