

mBorder Compact

Identity verification Gate

mAGNETIC[®]
ACCESS TO PROGRESS



The compact solution for fast, secure and seamless identity control

mBorder Compact is Magnetic's space-saving identity verification gate designed for environments where security, throughput and convenience must coexist within a reduced footprint. Based on the Momentum[®] platform, it delivers the full performance of Magnetic's high-end gates in a short, streamlined design, making it ideal for entrances with architectural constraints or limited installation space.

Wherever identity authentication is required, mBorder Compact provides a robust and adaptable solution.

Typical applications include:

- gaming and entertainment venues (e.g. age or access authorisation checks)
- corporate environments with regulated access hospitality and leisure facilities with controlled entry
- ports, terminals, stations and other space-constrained areas
- event venues managing structured and secure visitor flows

Its compact design, modular architecture and broad configuration options make mBorder Compact a future-proof choice for modern identity-based access management.



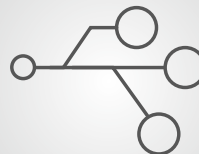
Fast and intuitive identity verification

mBorder Compact streamlines the identity verification process by guiding users clearly and ensuring precise monitoring throughout the passage. High reliability, fast opening cycles and intelligent sensor technology make it possible to process high visitor volumes efficiently while maintaining a smooth and user-friendly experience.



Flexible biometric options

Depending on the application, the gate can be configured with various biometric technologies including facial recognition, fingerprint or iris readers, as well as CCTV integration. This flexibility allows operators to implement the level of identity assurance appropriate for their environment.



Effortless integration

The Momentum[®] hardware platform enables easy integration into existing access control infrastructures. mBorder Compact can be equipped with a wide range of readers — document scanners, barcode readers or biometric modules — allowing system integrators and operators to tailor the gate precisely to their requirements.



Advanced drive technology

At the core of mBorder Compact lies the proven Magnetic Safety Drive System MSDS[®]. This low-energy drive concept ensures smooth motion, high efficiency and maximum user safety. Each component is engineered for long service life and reliable operation — even under continuous, high-frequency use.

mBorder Compact

Identity verification Gate

- > Designed for multiple application scenarios
- > Particularly intuitive passage process
- > Seamless integration into all common IT infrastructures
- > Easy maintenance and retrofitting due to modular design
- > Configurable according to individual requirements
- > Maximum passenger safety due to Magnetic Safety Drive System MSDS® with low-energy drive
- > Designed for 10 000 000 opening and closing cycles



Technical data	mBorder standard
Application	Indoor
Passage width	Standard: 900 mm
Height of barrier elements	Standard: 1100 mm
Opening/closing time	approx. 1,2 s ¹
Flow ratings	Approx. 20 PAX/min. ²
Drive technology	MHTM™
Control system	MGC plus
Parameter setting	Via API or web-UI
Power consumption	Maximum 400 W ³
Housing material	Aluminium and sheet steel powder-coated Stainless steel (on request)
Enclosure rating	IP32
Housing dimensions (L x H x W)	2263 x 1400 x 160 mm
Weight A unit Weight B unit Weight C unit	approx. 180 kg approx. 290 kg approx. 315 kg
Temperature range	0 to +40 °C

¹ Depending on barrier element dimension; opening and closing times limited by low-energy drive and technical specifications for maximum impact forces.

² Depending on reader, lock setting, person behaviour and superordinate systems.

³ Power consumption refers exclusively to Magnetic components.

Features

Provision to install a document- / barcode reader at gate entry

Provision to install a face recognition device at gate exit

10,1" mScreen with RGB LED illumination frame at gate entry to provide user instructions.

10,1" mScreen with RGB LED illumination frame at gate exit to provide user instructions.

Buzzer to provide an acoustical alarm

Key-Switch (several functions can be assigned)

Sensorbar Illumination

Floor Illumination

For additional options please contact your Magentic supplier.

Potential applications



Standard colours (special colours on request)

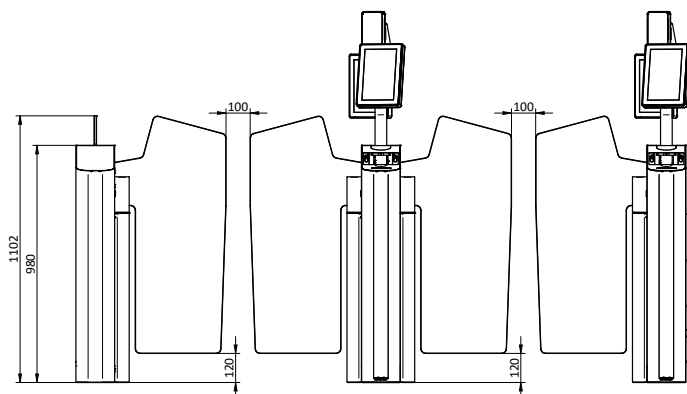


Pure white, smooth glossy
(RAL 9010)

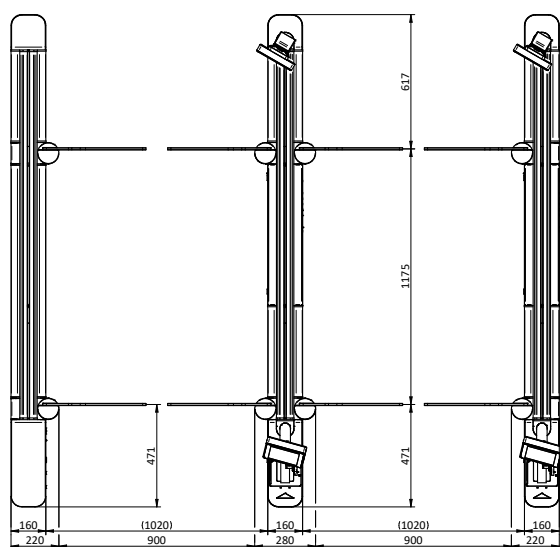


Jet black, fine structure matt
(RAL 9005)

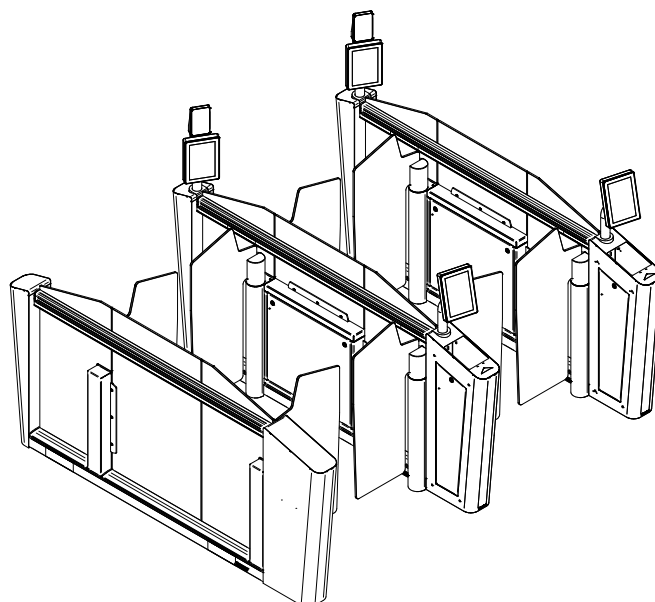
mBorder (2-line configuration) – front view



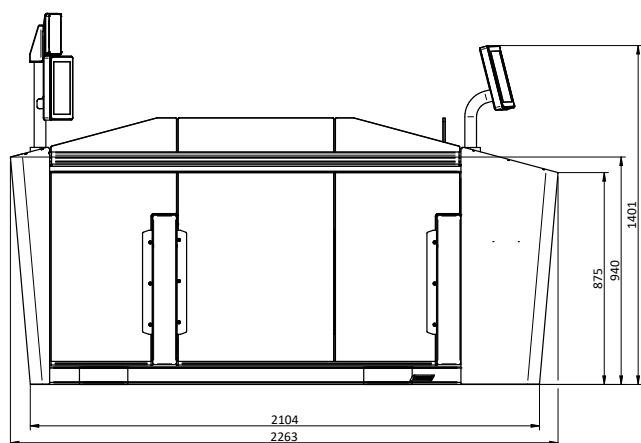
mBorder (2-line configuration) – top view



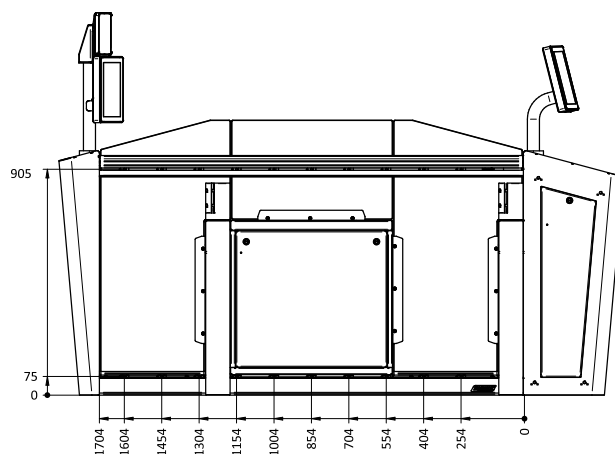
mBorder (2-line configuration) – perspective view



mBorder (2-line configuration) – side view



mBorder (2-line configuration) – side view

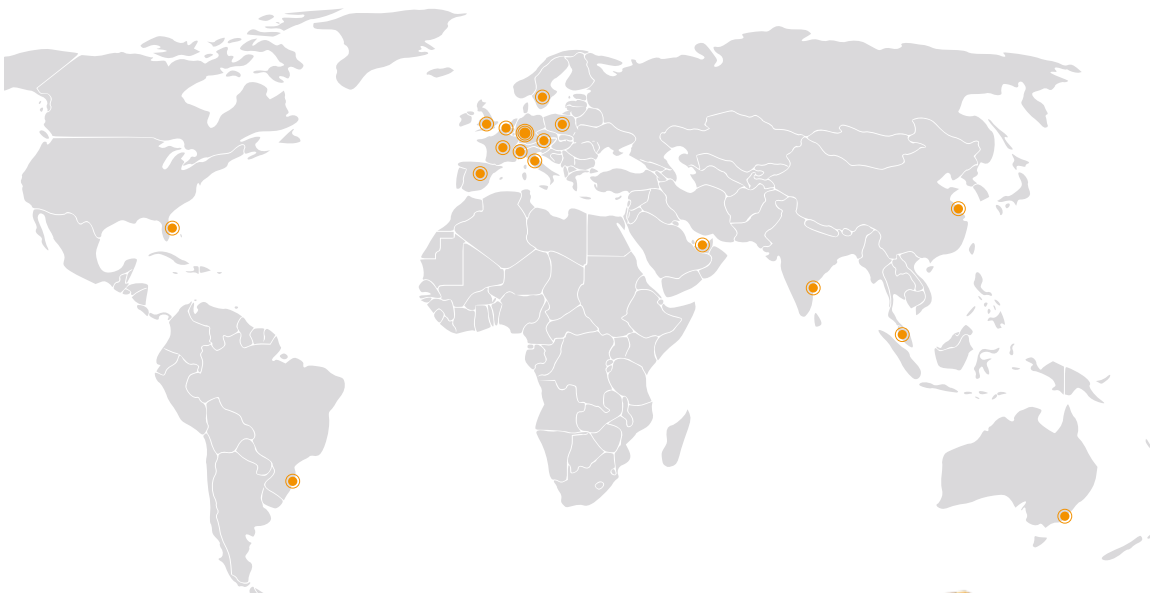
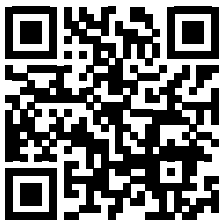


Access to Progress

Magnetic stands for high-quality vehicle barriers and pedestrian gates. With their thought-out design, innovative drive technology and extreme durability our products are well ahead of the competition. In addition, thanks to the experience in numerous market segments, our customers are offered precisely the access control solutions they require. We look forward to talking to you!

Find the Magnetic specialist in your area!

www.magnetic-access.com/worldwide



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Vehicle barriers



Pedestrian gates



Terminals



FAAC TECHNOLOGIES is one of the top international players in access automation, parking and access control business in both the residential and industrial sectors. With a widespread presence on a global scale, we are always close to you and offer

you solutions for your individual market segment. We are proud to present Magnetic as a specialist for groundbreaking vehicle barriers and pedestrian gates in our group.