

BROCHURE BAM BORMET



YOUR SAFE PARTNER IN ACCESS





Who are we?

Bam Bormet develops, produces, installs and commercializes standard and custom made barriers, speedgates, turnstiles and gates, both for the private and public sector, all under its brand name BAM® (Belgian Access Management). The products meet the highest quality and safety standards.

As a Belgian company, our aim is to achieve 100% reliability in all our processes, deliveries and agreements. Bam Bormet is a market driven, competitive and innovative trendsetter and aims at the development of long-term relationships with its customers, nationally and internationally.

Every product is manufactured in our 5.000m² large production facility in Nieuwerkerken, a central location in Europe. In 2020 the land at the left hand side of the building was acquired to expand assembly and storage facilities. The company enrolled the bigger workshop early 2021.

We also work together with partners who integrate our products in total access management solutions for their clients.

Quality

With Bam Bormet you will find everything under one roof. From R&D to production and sales. Due to the high level of standards we set for our products and an optimal quality control, we guarantee that any product that leaves our factory is of superior quality.

Innovation

Since 1974, Bam Bormet is a trendsetter in the world of access management. Our R&D team is continuously working on adjustments to existing products and inventing new products in order to optimize our range.




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Our headquarters

2015 was an important year for Bam Bormet. After the former CEO passed on the company to his sons, the company moved to a brand new building in Nieuwerkerken, Belgium.

The new headquarters are equipped with a state-of-the-art workshop and all the necessary equipment. This building is located in the centre of Europe which makes it easy to ship to other countries.



Personalization

Bam Bormet has been a trendsetter for custom products. All our products can be combined with a variety of options: customized labels, LED-lighting, other colour,...

Since we think along with our clients, we are not only a producer but also a partner in the field of R&D and marketing.

Dealer network

Through our international dealer network, Bam Bormet is able to serve the local markets. We support our dealers with communication & marketing tools, training, design support & after sales service.

Why Bam Bormet ?

One stop shop

Partner in R&D and marketing

Personalized products

Total solutions

100% Reliable

Trendsetter

Customization



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Barriers

Why a barrier ?

- Manual or electric
- Horizontal and vertical
- Quick opening
- Durable components
- Different types for different situations
- Plug & play
- Tailor made solutions

Barriers are the fastest way to close off an area. All our barriers are produced according to the European EN13241 standard and the Machinery Directive.

We offer different barrier types depending on the necessary range and the passing traffic:

MCS25	2m to 4,50m
MCS51	2m to 6,20m
MCS58	2m to 10,20m
MCS61	2m to 15m
MCSHOR	2m to 7m

A horizontal barrier can be useful when there's not enough space for the arm to open vertically. The arm rotates 90° towards a position where it's parallel to the road.

The cabinets consist of folded and welded steel plates, an access door and a removable cover. The cover runs down towards the sides in order to prevent dirt accumulation.

The barrier cabinets are blasted, metallized and finished off with a thermo-hardened polyester coating. The arms are made out of strong aluminium.

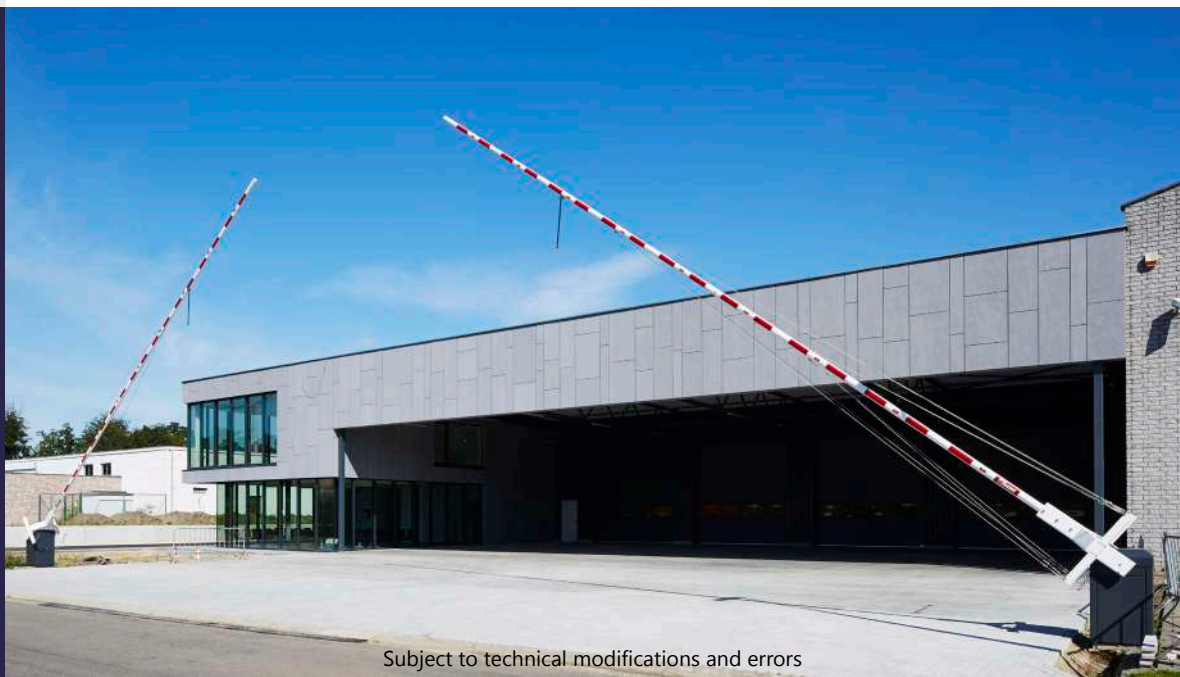
The electric components are durable and guarantee a long lifetime. In case of power loss or an error, the barrier can always be opened or closed manually.

When traffic isn't too intensive at the entrance, a manual barrier might be the right solution. In such case integration in an existing access control system is not possible.

Manual barriers are available in horizontal and vertical design. A cylinder lock locks the arm in the end support.



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	MCS25	MCS51	MCS58	MCS61	MCSHOR
Length	up to 4,50m	up to 6,20m	up to 10,20m	up to 15m	up to 7m
Opening speed	0,9 to 4,0 sec	1,5 to 5,0 sec	1,5 to 8,5 sec	4,0 to 10,5 sec	7 sec

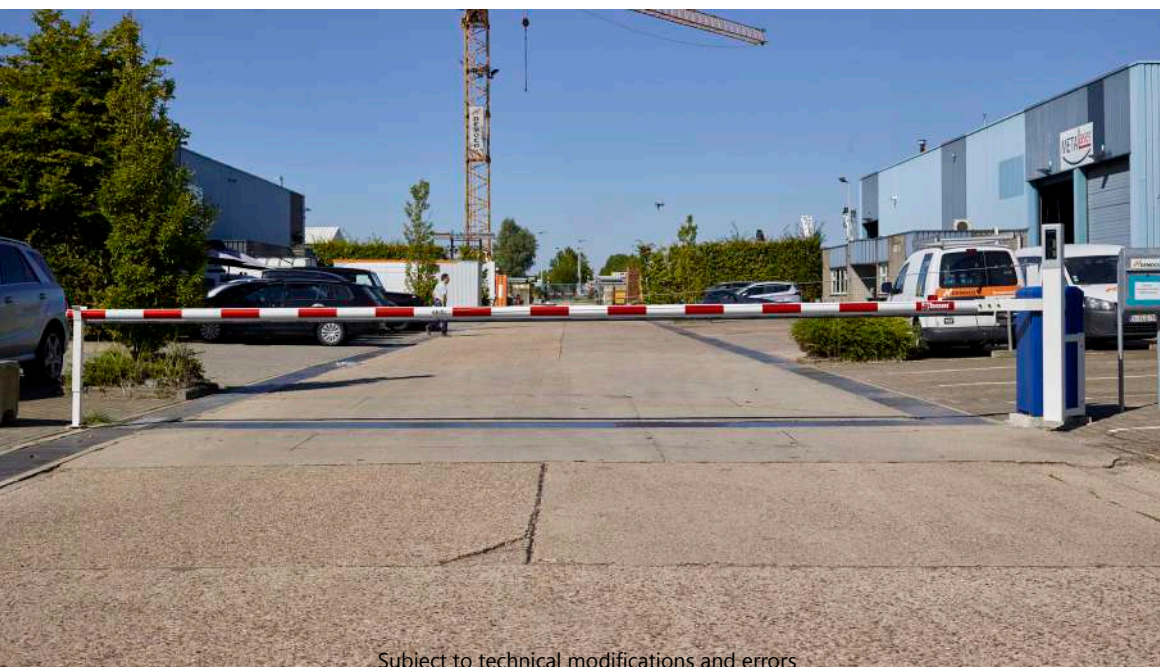


Applications

Parkings
Company sites
Logistics
Ports
Airports
Roads and tunnels
Tol booths
Hospitals

Options

Folding gate
Support poles
Frequency control
Master/Slave configuration
Maritime coating
Stainless steel
External crank
Articulated arm
Folding arm
Cabinet heating
Pivot plate
Barrier arm breakaway
Signalisation
Stainless steel foundation frame
Protection pole



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Speedgates

Why a speedgate ?

- High opening speed
- Full enclosure
- Suitable for heavy traffic
- Extra detection possibilities
- Integrable in access control systems
- Different sizes
- Plug & play

Our speedgates are ideal for passages with heavy traffic and high security requirements. These folding gates open and close very quickly (0,6 to 1,5 m/sec.). Speedgates combine the speed of a barrier with the security level of a swing or sliding gate.

We guarantee optimal integration in your access control system. Before production starts, everything is measured carefully. Our speedgates are available single and double winged with a possible width up to 8m. The maximum height is 3m.

All components are of high quality. During the development phase, all parts were carefully selected based on durability.

Our main finishing method is hot-dip galvanisation. Blasting and metallizing is optional. Contact us for more information about different wing infills and specific architectural requests.

The drive and control system are located inside the columns. These are locked and only accessible for authorized personnel.

Depending on the situation, we can offer 5 different types:

- Trackless**
- Trackless Premium**
- Overhead guide**
- Lower guide**

Default speedgates include active photo cells and rubber safety strips to optimize safety.

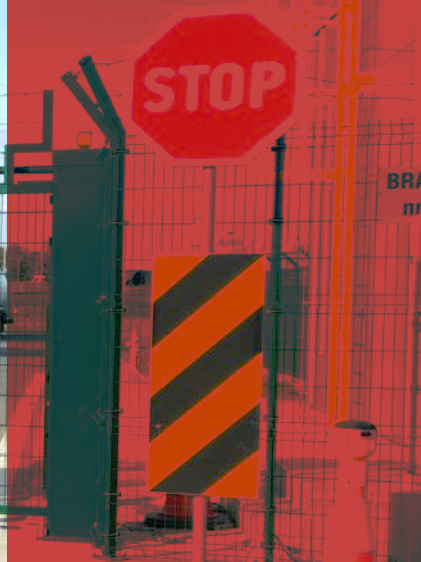
Also there are different opening possibilities:

- Dead man open/close**
- Partial opening**
- Different traffic light controls:**
- Opening direction in/out
- Open independently from the direction



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Trackless

Driven by a rod mechanism above the leaves.
This avoids the need for ground works.



Trackless Premium

The drive is located within the gate structure itself.
This fully trackless speedgate is the only which operates without the use of external rails, guides or drive rods.
There is space at the top for additional options such as spikes or barbed wire.



Overhead guide

The rail used as a guide for the gate leaves is mounted on top.
This avoids the need for heavy ground works.
The track creates a smoother movement and indirectly also a longer lifetime.
Lights and signage can be integrated in the overhead guide.



Ground track

The guidance of the wings are integrated in the concrete.
This needs to be considered in advance, as well as the drainage requirements for the rail.
Additional options can be fitted above.
The track allows for smoother movement and a longer lifetime.



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Turnstiles

Why a turnstile ?

Know the exact number of visitors

Full enclosure

Different operating methods

Integrable in access control systems

Plug & play

Turnstiles are a great alternative for pedestrian access control. Unlike gates and barriers, the number of pedestrians can be monitored. This can be crucial for crowded areas.

Different release methods:

Single access

Access at different moments

Access in between certain moments

Permanent release

The mechanism exists out of a central rotor and two folded fences at the sides. One prevents access and the other one prevents the axis from turning into the other direction.

A soft spring pressure ensures that the axis slightly turns forward. The rotor has to be pushed further manually. After 60°, there is no way back. A mechanical click indicates the end position.

The surface is blasted, then metallized and finished off with a thermo-hardened polyester coating. All RAL colours are possible.

Our renewed single and double version come with a built-in control hatch. One has to choose between a 90° or 120° rotor division. Extra signage and an expanded canopy can be attached to the turnstile.



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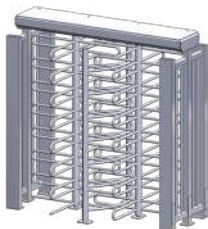
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Subject to technical modifications and errors



Single

Access for one single person at a time
Two rotor divisions possible (90° or 120°)
Built-in control hatch
15 passages/min.
Diameter: 1230mm
Optionally a canopy can be mounted on top



Double

Access for one single person per turnstile at a time
Two rotor divisions possible (90° or 120°)
Built-in control hatch
15 passages/min.
Dimensions: 2340mm x 1230mm
Optionally a canopy can be mounted on top



With bicycle gate

Access for one single person at a time, with bicycle
Two rotor divisions possible (90° or 120°)
Bicycle access is separated from pedestrian gate through a 1m high fence
4 passages/min.
Dimensions: 2445mm x 1350mm
Optionally a canopy can be mounted on top



XL

Access for one or more people at a time
Two rotor divisions possible (90° or 120°)
Passage also possible with buggy or wheelchair
15 passages/min.
Diameter: 2500mm
Optionally a canopy can be mounted on top



XXL

Access for one or more people at a time
Two rotor divisions possible (90° or 120°)
Passage also possible with buggy or wheelchair
15 passages/min.
Diameter: 3500mm
Optionally a canopy can be mounted on top

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Gates

Why a gate ?

Full enclosure

Manual or electric

Swing and sliding gates

Extra detection possibilities

Integrable in access control systems

100% tailor made

Different designs

In our range we offer the perfect gate for every area. Including swing and sliding gates, all with a steel frame. Depending on the size, we advise which drive is suitable.

Swing gates are available in single and double winged versions. Each wing has its own drive.

Our sliding gates have a different drive. There are two types of sliding gates: **self supporting or on a rail.**

A sliding gate on a rail moves on two wheels, mounted at the bottom of the gate. The rail is embedded in a concrete surface in order to guide the wheels. This rail has to be absolutely straight and free of dirt in order to grant easy access to the wheels. The wheels are positioned halfway into the rail, resulting in a very low space underneath the gate.

Our self supporting sliding gates don't need any road works. In this case, the gate is welded on a support beam. Through a slot in the beam, the gate supports on two wheel blocks, mounted on concrete foundations, next to the passageway. The wheels ensure the opening and closing of the gate. The gate has to be wider than the passageway due to these wheel blocks.



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Operation

In terms of operation, there are different possibilities.

Control posts and boxes

These posts and boxes serve as a mounting surface for specific operating devices.

The control posts are available in various heights for operation from a car or truck. They're narrow so the surface is limited, but sufficient for a badge reader, keypad or push button.

The control boxes have a larger surface so it's easier to integrate more operating systems. A coin system or key switch are most common.

Control columns

Just like our control posts, the columns are also available in different heights. The mounting surface is replaceable. Integration of a card reader, videophone, an intercom or a combination of different systems is no problem.

Operation and safety

Many times our own operating systems are mounted on the control posts, boxes or columns. Some of them can be used separately. We make a distinction between operation and detection devices. The perfect combination is different in every situation and always includes at least one of each group. Please find below an overview of the possibilities:

Operation

- 4-channel remote
- Badge reader
- Keypad
- Intercom
- Push button
- Entrahome
- Gatestate-module
- GSM-remote control
- GSM-entry phone
- Card reader
- Mechanical code lock
- Key switch
- Videophone

Safety

- Rubber safety strip
- Photocell(curtain)
- Laser sensor
- Loop detectors
- Ultrasonic sensor

What type of operation?

Are you monitoring users?

How many entrances?

Is there a guard?

Operable with cell phones?

Accessible for third parties?



Subject to technical modifications and errors

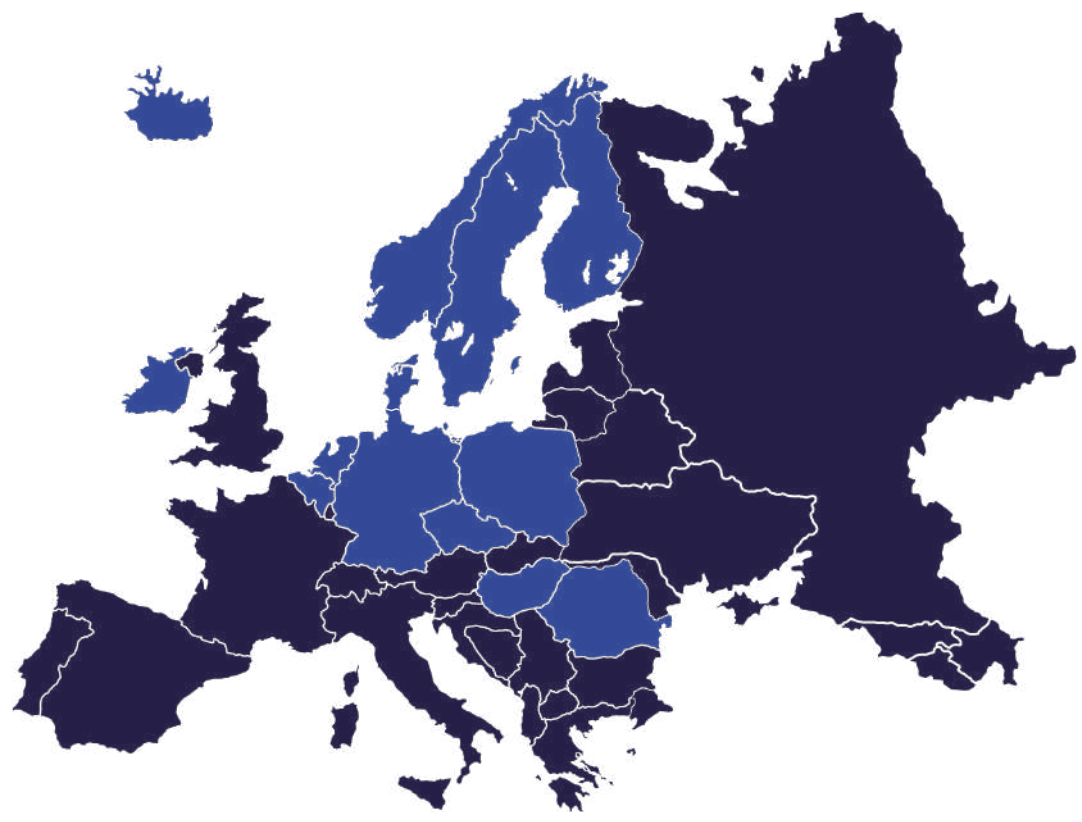
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