



# Automatic & Manual Barrier Gates





## Automatic & Manual Barrier Gates

Automatic and manual barriers by AUTOGARD are perfect solution for customers who care for **enhanced security** of their premises or property and for whom the **vehicle access control** is crucial.

No matter, whether you are currently working on a smaller project, large-scale investment or traffic management in your municipal quarters. For more than twenty years AUTOGARD company manufacturers and delivers its own **customer proven barriers** for small to multi-storey car parks, private and company premises, industrial and hospital premises, hotels, motorways, tunnels, toll stations and other application areas, where it is convenient to use barriers as stand-alone measures or in combination with other access control systems.

During the development, the main emphasis was put on **utmost reliability, ease of use and safety of operation**. Using quality materials and technology ensures **long and trouble-free service** life of barriers even under demanding conditions with high traffic density.

For the most demanding climatic conditions and **harsh environments** (high humidity, road or sea salts etc.) automatic barriers in stainless steel casing are available.

### 100% TESTED

Each barrier passes a complete inspection of all functions prior to shipment. Customers receive only flawless and checked products.

### 24/7 CONTINUOUS OPERATION

Automatic barriers by AUTOGARD do not need to rest. They are designed to deliver maximum performance 24/7. No breaks.

### FREE CUSTOMER ADJUSTMENTS

Every customer is unique and has his/her own specific wishes and needs. AUTOGARD is respecting the individuality of its customers. Therefore cabinet colour design, boom shape and left-hand or right-hand assembly according to customer's request are completely complimentary.

### GENUINE CZECH MADE

All AUTOGARD automatic and manual barrier gates have been developed and crafted with genuine Czech precision and skilfulness.

### FULLY EQUIPPED

Even the smallest barrier gate can be supplied fully equipped. Check out the extensive range of accessories appreciated by our customers.

### ASK FOR MORE

AUTOGARD is supporting its customers by providing its own technical product development, manufacture, installation, warranty and post warranty services, consultancy services, spare parts and wide range of accessories, additional access security and control systems and more.

For those who care...

Do you care?

Automatic **Barrier Gates**



# AGM1F New High Speed Automatic Barrier with Frequency Changer

Designed especially for extreme traffic **toll stations & car parks**

New high-speed automatic barrier with **100% duty rating** and standard **operating time of 1.2 s**, featuring a 3-phase electromotor controlled by a frequency changer for **maximum efficient, smooth and quiet operation**.

Especially designed for **extreme traffic** applications, such as parking systems, toll stations or petrol stations.

Available for boom lengths **up to 3 metres**. **Powerful drive unit** performs flawlessly even in the most demanding operating and weather conditions.

Control cabinets come in powder coated steel, powder coated stainless steel or brushed stainless steel finishing. Powder coating available in any RAL colour.

## ULTRA FAST & ANTI-TAILGATING

Time is money. AGM1F high speed automatic barrier opens or closes in 1.2 s which makes it perfect for parking lots, toll stations and other applications with extreme traffic.

Still not fast enough? AGM1F barrier gates can be adjusted to **operating time of 0.9 s**. Blink and you are good to go. AGM1F high speed barrier **significantly reduces tailgating**.

## ULTRA SAFE

All automatic barriers are designed with maximum safety in mind. Should you need **auto reverse** function, **safety photocells kit**, **break-away arm mechanism**, **flashing light**, **boom LED lights** or even more, your wish is granted. Search no more.

## SUPERIOR CAPACITY

AGM1F high speed automatic barrier gate has a standard throughput rate of more than 600 vehicles per hour. Upon request the operating speed can be adjusted to 0.9 s, which increases the troughput rate to **more than 720 vehicles per hour**.

## INTELLIGENT

Automatic barrier gates by AUTOGARD are not only efficient but also intelligent. With dual channel vehicle detector besides vehicle presence they are able to **detect vehicle direction**, which is extremely useful for **vehicle counting**.



Choose from any RAL colour



Stainless or powder coated steel

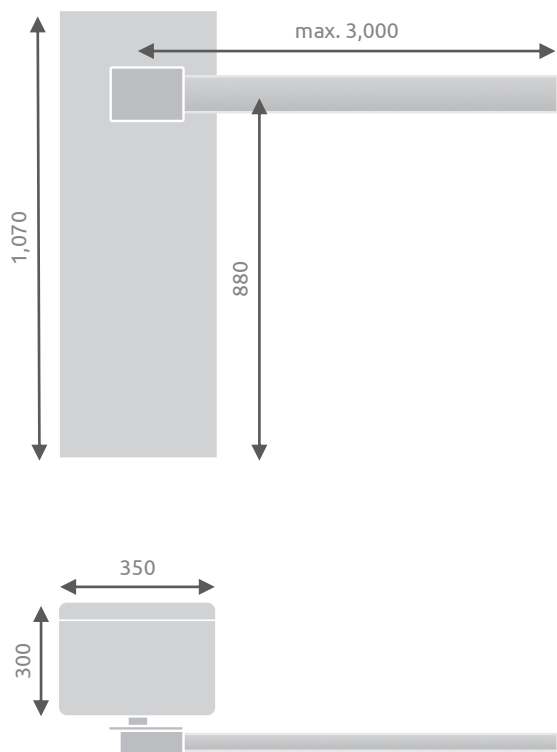
|                            |                                     |                                      |
|----------------------------|-------------------------------------|--------------------------------------|
| <b>3 m</b><br>boom length  | <b>1.2 s</b><br>operating time      | <b>0.9 s*</b><br>operating time      |
| <b>100%</b><br>duty rating | <b>&gt;600</b><br>vehicles per hour | <b>&gt;720*</b><br>vehicles per hour |

\* optional

# Because speed matters...

# AGM1F High Speed Automatic Barrier with Frequency Changer

## Features & benefits



- Designed for intense traffic
- Significantly reduces tailgating
- Perfect for car parks and toll stations
- Ensures fluent traffic flow
- Ultra fast operating speed 0.9 s\*
- Standard operating speed 1.2 s
- 24/7 continuous operation
- Remote diagnostics\*
- 100% tested
- Genuine Czech made
- Boom lengths up to 3 m
- Boom with high-visibility striping
- Powerful drive unit
- Smooth boom movement with automatic slowdown
- Superior throughput rate more than 720 vehicles per hour\*
- Automatic reverse movement upon hitting an obstacle\*
- Left-hand and right-hand assembly
- Complimentary colour design according to customer's request
- Break-away arm mechanism\*
- Broken boom signalisation\*
- 90° articulated boom mechanism\*
- Vehicle direction detection\*
- Remote control\*
- Vehicle counter\*
- Long range RFID reader\*
- Safety photocells\*
- Heating unit\*
- Traffic lights\*
- Flashing light\*
- Backup battery\*

|                          |  |
|--------------------------|--|
| Motor                    | 230V AC / 550 W  |
| Boom length              | up to 3 m  |
| Boom type                | 3 m rectangular (80 x 40 mm) or 3 m tubular (OD 76 mm) |
| Operating time           | 1.2 s (0.9 s*)   |
| Capacity [cars per hour] | >600 (>720*)   |
| Closing                  | manual, automatic, time automatic                      |
| Control unit             | microprocessor   |
| Dimensions               | 350 x 300 x 1,070 mm (W x D x H)                       |
| Weight                   | 68 kg  |
| Duty rating              | 100%   |
| Operating temperature    | -20°C to +80°C (-30°C with heating unit)               |

\* optional





**AUTOGARD spol. s r.o.**  
Nová 32, 664 41 Popůvky  
Czech Republic, Europe

<http://www.autogard.cz>  
[autogard@autogard.cz](mailto:autogard@autogard.cz)