



Automatic & Manual Barrier Gates

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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 throughput 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

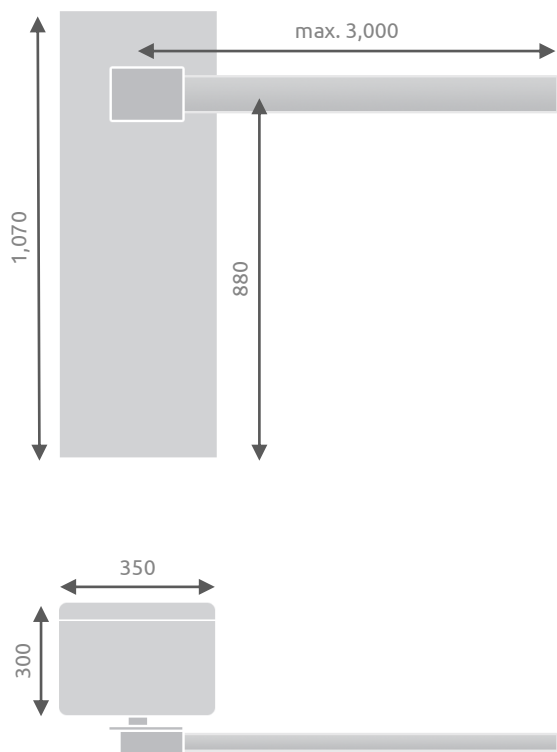
3 m boom length	1.2 s operating time	0.9 s* operating time
100% duty rating	>600 vehicles per hour	>720* vehicles per hour

* 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



AGM1 High Speed Automatic Barrier

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

High-speed automatic barrier with **100% duty rating** and standard **operating time of 1.2 s**, especially designed for heavy traffic applications, such as parking systems, toll stations or petrol stations.

Available for boom lengths **up to 3 metres**.

ULTRA FAST & ANTI-TAILGATING

Time is money. AGM1 high speed automatic barrier opens or closes in 1.2 s which makes it perfect for parking lots, toll stations and other applications with heavy traffic.

Still not fast enough? AUTOGARD can deliver AGM1 barrier gates with **operating time of 0.9 s**. Blink and you are good to go. AGM1 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

AGM1 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 throughput 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**.

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.



Choose from any RAL colour



Stainless or powder coated steel

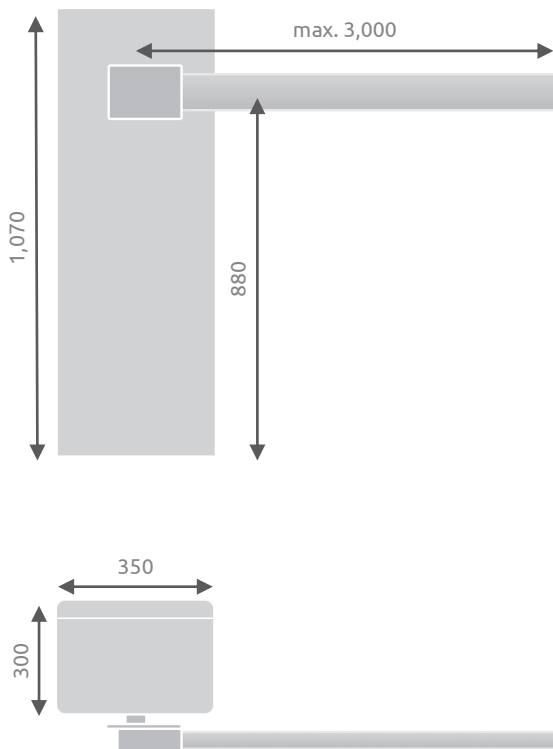
3 m boom length	1.2 s operating time	0.9 s* operating time
100% duty rating	>600 vehicles per hour	>720* vehicles per hour

* optional

Because speed matters...

AGM1 High Speed Automatic Barrier

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
- 100% tested
- Genuine Czech made
- Boom lengths up to 3 m
- Boom with high-visibility striping
- Powerful drive unit
- Fluent 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



AG500 Ultimate Automatic Barrier

The most **versatile & secure** boom gate

Ultimate automatic barrier with **100% duty rating** and **operating time of 2-4 s**, designed for medium to intense traffic applications and providing a significant **enhancement to perimeter security**.

Available for boom lengths **up to 5 metres**.

VERSATILITY PAR EXCELLENCE

The combination of fast operation and boom lengths up to 5 metres make AG500 exceptionally versatile and ideal for countless applications.

SIGNIFICANT SECURITY ENHANCEMENT

AG500 automatic barrier by AUTOGARD provides a significant enhancement to perimeter security, especially when combined with **top&bottom skirt**, **electromagnetic lock**, **broken arm signalisation** and other security features.

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.

HIGH CAPACITY

AG500 automatic barrier gate has a high throughput rate ranging from 300 to **more than 500 vehicles per hour**, depending on boom length.

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**.

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.



Choose from any RAL colour



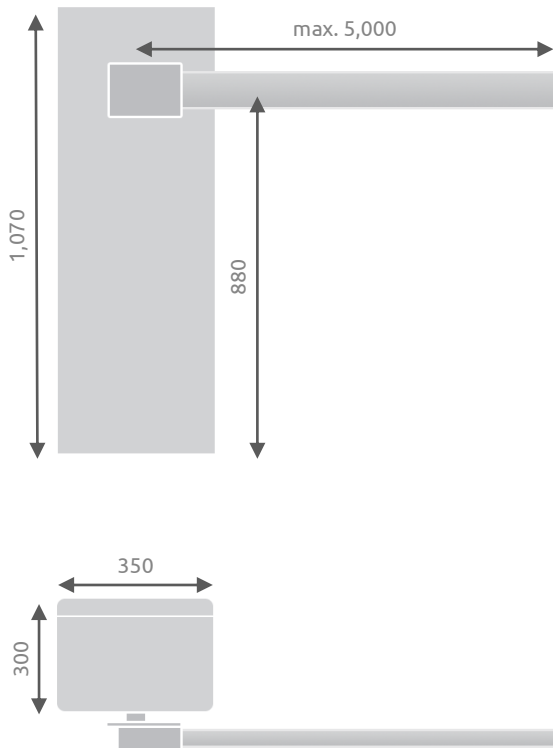
Stainless or powder coated steel

3-5 m boom length	2-4 s operating time	versatile application
100% duty rating	>500 vehicles per hour	enhanced security

Make no compromises...

AG500 Ultimate Automatic Barrier

Features & benefits



- Designed for medium to intense traffic
- Ensures fluent traffic flow
- Boom lengths up to 5 m
- Powerful drive unit
- Fluent boom movement with automatic slowdown
- Fast operating speed 2–4 s
- Throughput rate more than 500 vehicles per hour
- Automatic reverse movement upon hitting an obstacle*
- 100% tested
- 24/7 continuous operation
- Genuine Czech made
- Left-hand and right-hand assembly
- Complimentary colour design according to customer's request
- Break-away arm mechanism*
- Broken boom signalisation*
- 90° or 180° articulated boom mechanism*
- Vehicle direction detection*
- Remote control*
- Vehicle counter*
- Long range RFID reader*
- Tip support post with electromagnetic lock*
- Bottom or top&bottom skirt*
- Safety photocells*
- Heating unit*
- Traffic lights*
- Flashing light*
- Backup battery*

Motor	230V AC / 370 W
Boom length	up to 5 m
Available boom types	rectangular or tubular
Rectangular boom	3–5 m (80 x 40 mm)
Tubular boom	3–4 m (OD 76 mm), 5 m (OD 89 mm)
Operating time	2–4 s
Capacity [cars per hour]	300 to more than 500
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



AG900 B!g Automatic Barrier

Built for boom lengths up to **9 metres**

Robust automatic barrier with **100% duty rating** and **operating time of 5-7 s**, designed for low to medium traffic applications and providing a significant **enhancement to perimeter security**.

Available for boom lengths **up to 9 metres**.

EXTRA LARGE

With boom lengths up to 9 metres the AG900 boom gate belongs to top selling products when it comes to securing wide factory entrances, motorways and other wide passageways.

SECURITY ENHANCEMENT

AG900 automatic barrier by AUTOGARD provides a significant enhancement to perimeter security, especially when combined with **bottom skirt**, **electromagnetic lock**, **broken arm signalisation** and other security features.

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.

AMAZING THROUGHPUT RATE

Although the AG900 automatic barrier is designed for low to medium traffic applications, it has an amazing throughput rate ranging from 180 to **more than 240 vehicles per hour** depending on boom length.

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**.

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.



Choose from any RAL colour



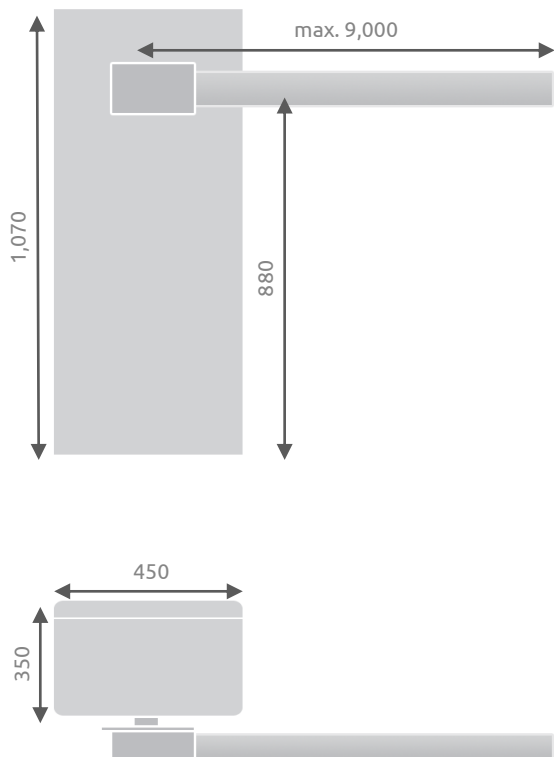
Stainless or powder coated steel

5-9 m boom length	5-7 s operating time	versatile application
100% duty rating	>240 vehicles per hour	enhanced security

When you need something extra...

AG900 B!g Automatic Barrier

Features & benefits



- Designed for low to medium traffic
- Boom lengths up to 9 m
- Powerful drive unit
- Fluent boom movement with automatic slowdown
- Fast operating speed 5–7 s
- Throughput rate more than 240 vehicles per hour
- Automatic reverse movement upon hitting an obstacle*
- 100% tested
- 24/7 continuous operation
- Genuine Czech made
- Left-hand and right-hand assembly
- Complimentary colour design according to customer's request
- Break-away arm mechanism*
- Broken boom signalisation*
- Vehicle direction detection*
- Remote control*
- Vehicle counter*
- Long range RFID reader*
- Tip support post with electromagnetic lock*
- Bottom or top&bottom skirt*
- Safety photocells*
- Heating unit*
- Traffic lights*
- Flashing light*
- Backup battery*

Motor	230V AC / 250 W
Boom length	up to 9 m
Available boom types	rectangular or tubular
Rectangular boom	5 m (80 x 40 mm), 6 m (100 x 50 mm)
Tubular boom	5–6 m (OD 89 mm), 7–9 m (OD 102 mm)
Operating time	5–7 s
Capacity [cars per hour]	180 to more than 240
Closing	manual, automatic, time automatic
Control unit	Microprocessor
Dimensions	450 x 350 x 1,070 mm (W x D x H)
Weight	85 kg
Duty rating	100%
Operating temperature	-20°C to +80°C (-30°C with heating unit)

* optional



AGH7 Horizontal Automatic Barrier

Smart approach to effective traffic control on **motorways, tunnels & bridges**

Truly unique automatic barrier with **horizontal boom movement** provides an effective traffic control on motorways, tunnels and bridges where lack of vertical space is an issue.

Available for boom lengths **up to 7 metres**.

Powerful drive unit performs flawlessly even in the most demanding operating and weather conditions.

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

EFFECTIVE TRAFFIC MANAGEMENT

AGH7 horizontal barrier is a great tool for traffic management where lack of vertical space is an issue or where standard vertically operated booms would be exposed to wind gusts.

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



Powder coated or brushed stainless steel

7 m boom length	5-7 s operating time
100% duty rating	horizontal boom movement

When standard is not enough...

AGH7 Horizontal Automatic Barrier



Features & benefits

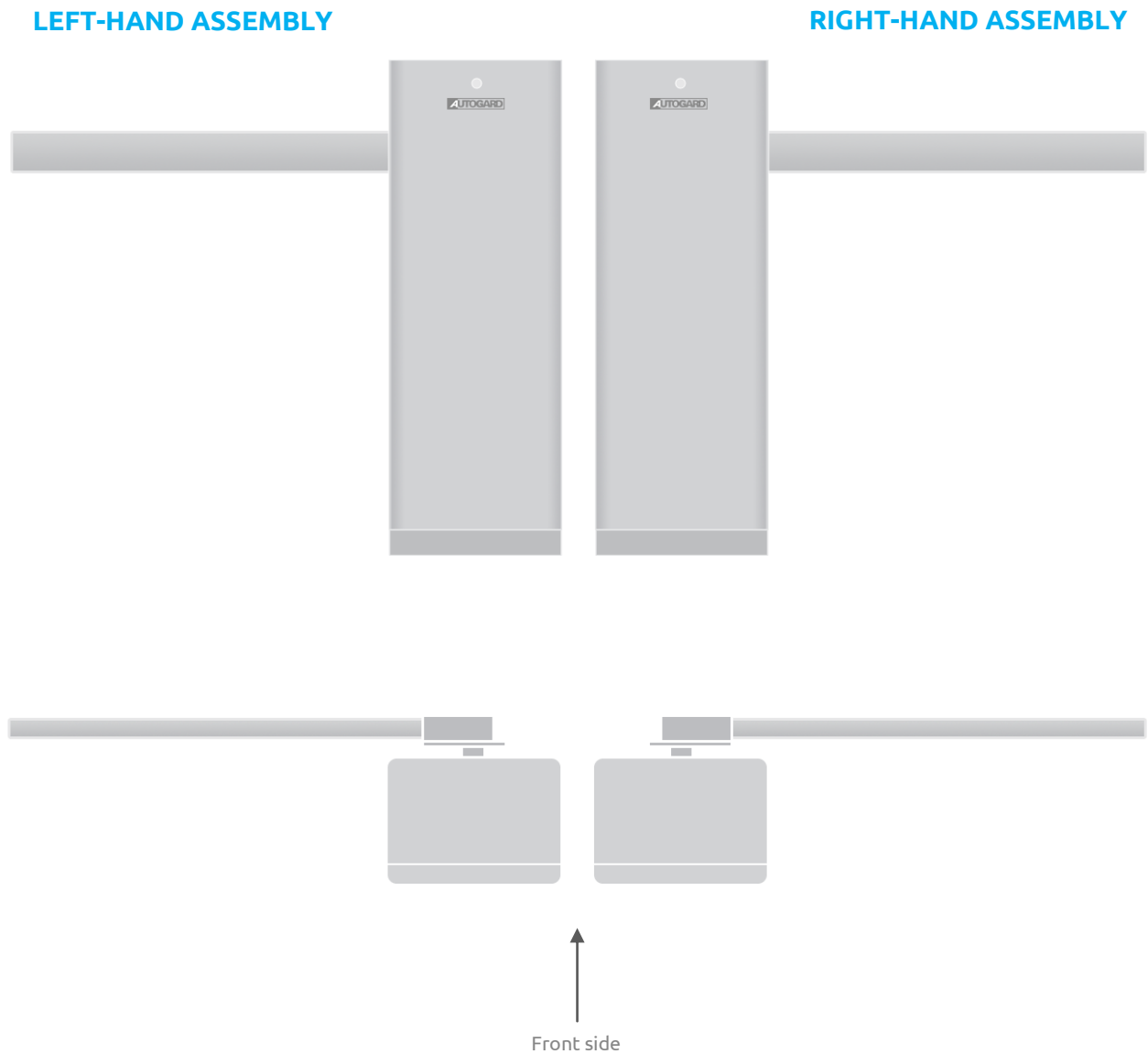
- Designed for harsh outdoor environments
- Corrosion resistant stainless steel cabinet
- Boom lengths up to 7 m
- Powerful drive unit
- Fluent boom movement with automatic slowdown
- Fast operating speed 5–7 s
- 100% tested
- 24/7 continuous operation
- Genuine Czech made
- Left-hand and right-hand assembly
- Complimentary colour design according to customer's request
- Vehicle direction detection*
- Remote control*
- Vehicle counter*
- Long range RFID reader*
- Bottom or top&bottom skirt*
- Safety photocells*
- Heating unit*
- Traffic lights*
- Flashing light*
- Backup battery*

Motor	230V AC / 250 W
Boom length	up to 7 m
Available boom types	rectangular or tubular
Rectangular boom	6 m (100 x 50 mm)
Tubular boom	7 m (OD 102 mm)
Operating time	5–7 s
Capacity [cars per hour]	180 to more than 240
Closing	manual, automatic, time automatic
Control unit	Microprocessor
Dimensions	450 x 350 x 1,070 mm (W x D x H)
Weight	110 kg
Duty rating	100%
Operating temperature	-20°C to +80°C (-30°C with heating unit)

* optional

Barrier Assembly

In some cases the orientation of the barrier is important. Therefore it is recommended to **specify the desired assembly when placing the purchase order.**



Left-hand or right-hand?

Manual Barrier Gates



HB900 Ultimate Manual Barrier

Providing **enhanced security & comfortable operation**

Manually operated rising arm barrier ensures **enhanced security** while maintaining **maximum cost-effectivity**.

Designed to provide quick and **simple-to-install** protection.

Available for boom lengths **up to 9 metres**.

Perfectly balanced for **easy** and **comfortable operation** with all boom lengths.

Robust steel frame and counterweight come in powder coated or hot-dip galvanized finishing. Powder coating available in any RAL colour.

SECURE

The HB900 manual barrier by AUTOGARD is lockable in both end positions. Combined with lockable* fixed boom tip support with adjustable height, the manual barrier gate provides an instant **security enhancement** to your premises and property.

STRONG

Hot-dip galvanized and/or powder coated robust steel frame, countweight and powder coated 102 mm tubular aluminium boom are designed to withstand harsh operating conditions.

COMFORTABLE

HB900 manual boom gate is perfectly balanced to ensure maximum comfort of operation for the staff.

SIMPLE TO INSTALL

All AUTOGARD manual barriers are shipped along with a fixing plate for easy installation and instant operation.

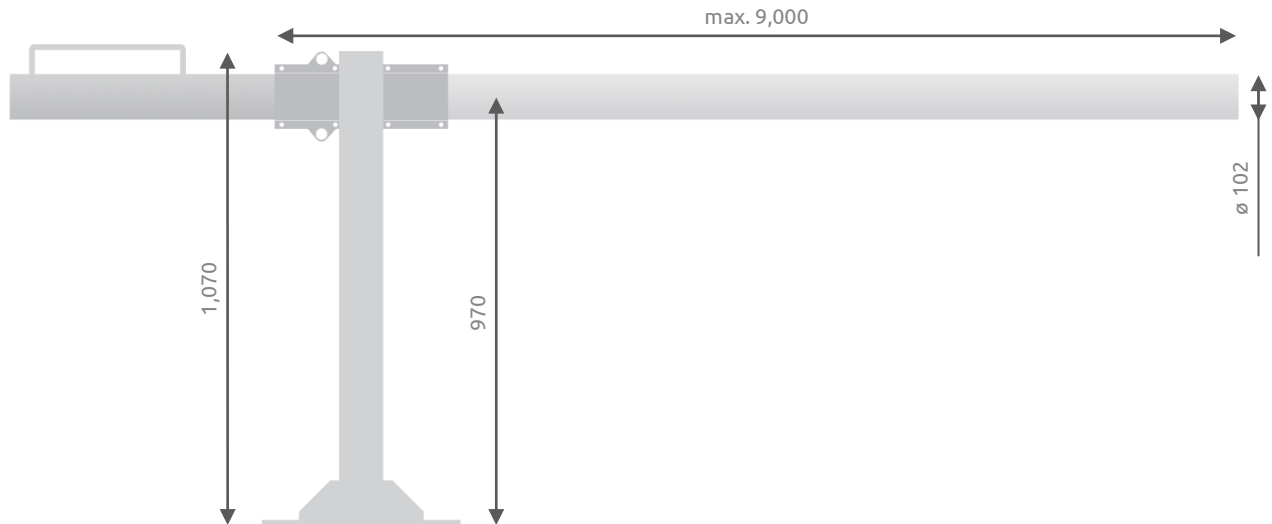


Choose from any RAL colour

up to 9 m boom length	enhanced security	durable design
easy installation	instant operation	balanced counterweight

Perfectly balanced security...

HB900 Ultimate Manual Barrier



Features & benefits

- Perfectly balanced for easy and comfortable operation
- Instant enhanced security
- Ideal for staffed low traffic applications
- Simple to install
- Boom lengths up to 9 m
- Tubular aluminium boom with high-visibility striping
- Fixed or foldable boom tip support in installation kit**
- Lockable in both end positions
- Durable design
- Robust steel frame with anti-corrosion finishing
- Weatherproof housed bearings
- One model for both left-hand and right-hand assembly
- Complimentary colour design according to customer's request
- 'STOP' or 'NO ENTRY' signs*
- 100% tested
- Genuine Czech made

Boom length	up to 9 m
Boom type	tubular (OD 102 mm)
Operation	manual
Tip support**	fixed or foldable
Dimensions (W x D x H)	350 x 450 x 1,070 mm (frame)
Weight	42 kg (frame without boom and counterweight)

* optional, ** applies for boom lengths 6-9 m



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