



A robust heavy-duty automatic barrier with a frequency converter intended for installations with a continuous operation and intense traffic.

The AG500F barrier combines the benefits of versatile use, long service life, and minimum maintenance. In the event of a power failure, the barrier can be opened manually.

15+ Years Lifespan*

10,000+ Cycles Daily

Fast Opening

Robust Design

Industrial components and a steel cabinet made of 2.5 mm sheets with a triple anticorrosion surface treatment. Available in three stock colours. On request in any colour of the RAL palette or in stainless steel.

Booms from 3 to 5 Metres

The most desirable arm length range allows the AG500F barrier to be used in a wide range of installations.

Opening Speed 2 to 4 Seconds

Barrier opening speed is an important aspect for achieving maximum security of the area and preventing entry of unauthorized vehicles.

Intense Traffic 24/7

The AG500F is designed for continuous operation in challenging operating and climatic conditions with 10,000 opening and closing cycles per day.

Quality and Reliability

Automatic barrier with minimal maintenance requirements. The frequency converter ensures smooth and quiet operation. It minimizes the shock transmission to the internal components, which has a positive effect on prolonging the service life.

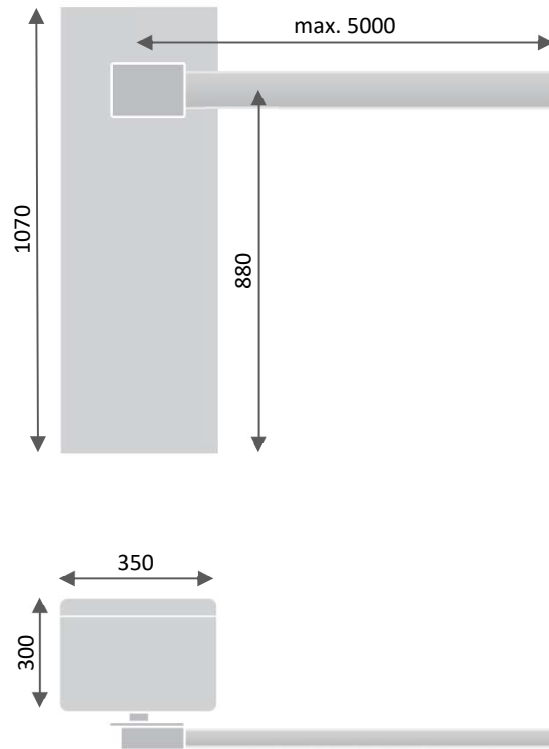
Czech product from a manufacturer with tradition since 1993, own development, and experience verified across the world.

*Average lifespan of AUTOGARD barriers



Technical Parameters

Motor	400 VAC / 230 VAC / 370 W 3-phase electromotor
Power Supply	230 VAC / 50 Hz
Boom Length	Up to 5 metres
Open/Close Speed	2–4 s
Dimensions	300 * 350 * 1070 mm
Weight	~ 70 kg
Controller	Microprocessor based with a frequency converter
Closing	Automatic
Duty Rating	100 % (continuous operation)
Operating Temperature	-20 °C to +70 °C
Boom – Rectangular Profile	max. 5 m, 80 * 40 mm
Boom – Tube Profile	max. 3 m, \varnothing 76 mm; max. 5 m, \varnothing 89 mm
IP Rating	IP 54
Tested for intensive use	10 millions cycles



Standard Colours

RAL 2000

RAL 3020

RAL 7016

Other RAL shades available on request.

Disclaimer: The colour representation here may not be completely authentic. Use the colour impression as a reference only.

Optional Accessories

Safety Photocells	RS485 or Ethernet Communication Modules
Loop Detector	Boom Skirt
Flashing Beacon	STOP Sign for Boom
Remote Control	Key Switch Override
LED Boom Lights	Push Button Panel
LED Cabinet Lights	Automatic Opening at Power Outage
Traffic Lights	Boom Reversal upon Contact with an Obstacle
Breakaway Arm Assembly	Folding Arm Assembly
GSM Module for Opening via a Telephone	Mobile App for Barrier Opening (Android only)