BRUSHLESS DC AUTOMATIC VEHICLE BARRIER

PRIME30

AG-PRIME30

Fast movement. Digital control. Dependable vehicle access.

ENGINEERING HIGHLIGHTS

- ✓ Full-cycle digital control
- ✓ Integrated drive architecture
- ✓ Adjustable 2.5-6 s timing
- ✓ Multiple safety-device inputs
- ✓ Left- or right-fixed layout
- ✓ Remote and manual commands

6.0 m
MAXIMUM STRAIGHT / TELESCOPIC BOOM
Configured to suit lane width and boom type.

2.5-6 s
ADJUSTABLE OPENING / CLOSING TIME
Final speed depends on the selected boom.

100 W
BRUSHLESS DC MOTOR
Smooth movement with dependable control.

PRODUCT OVERVIEW

The AGMATIC DC PRIME30 is engineered for fast, stable and repeatable vehicle-lane control in residential communities, commercial buildings, parking facilities, industrial premises and controlled-access sites. Advanced digital control monitors the full operating cycle, while the integrated frame, reducer and transmission architecture helps minimise cabinet vibration and improve movement accuracy.

01 INTELLIGENT ACCESS INTEGRATION

Supports wireless remote operation, manual open / close / stop commands, access-control systems, ANPR parking systems, UHF long-range readers, parking-ticket systems and vehicle loop-detector operation.

02 MULTI-LAYER VEHICLE PROTECTION

Integration-ready for safety photocells, loop detectors, radar sensors, pressure-wave safety rubber and obstacle-detection devices. Resistance detection commands the boom to rebound and reopen.

TECHNICAL DATA

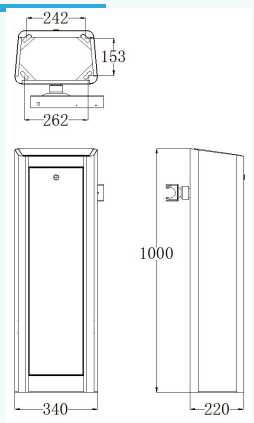
MODEL: AG-PRIME30 | AGMATIC DC BRUSHLESS BARRIER

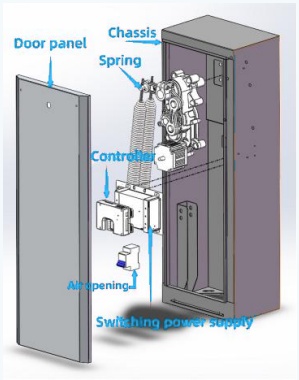
PARAMETER	SPECIFICATION	PARAMETER	SPECIFICATION
Product name	AGMATIC DC PRIME30	**Commercial model**	AG-PRIME30
Power supply	AC 220 V ±10%, 50 Hz	**Control input**	Switch contact
Motor technology	Brushless DC motor	**Rated motor power**	100 W
Opening / closing time	2.5-6 s, adjustable	**Boom range**	Up to 6.0 m
Operating temperature	-35°C to +70°C	**Relative humidity**	5% to 95% RH
Cabinet dimensions	1000 (H) × 340 (W) × 220 (D) mm	**Installation direction**	Left-fixed or right-fixed
Obstacle response	Rebounds on resistance and reopens the gate	**Finish process**	Electrostatic powder coating; 180-250°C oven curing

BOOM CONFIGURATIONS

BOOM TYPE	MAXIMUM LENGTH	OPEN / CLOSE TIME	CONFIGURATION NOTE
Straight boom	≤ 6.0 m	2.5-6 s adjustable	Single straight arm
Telescopic boom	≤ 6.0 m	2.5-6 s adjustable	Length-adjustable arm
2-column fence boom	≤ 5.5 m	2.5-6 s adjustable	Fence-arm configuration
3-column fence boom	≤ 4.5 m	2.5-6 s adjustable	High-visibility fence arm

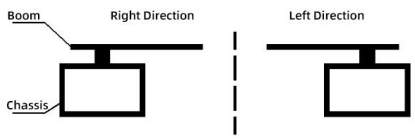
MECHANICAL REFERENCE





Overall cabinet: 1000 × 340 × 220 mm. Internal reference: removable door panel, chassis, spring mechanism, controller, main breaker and switching power supply.

SITE CONFIGURATION & INTEGRATION



Cabinet may be configured as left-fixed / right-direction or right-fixed / left-direction. Confirm direction before ordering.

ANPR / ACCESS | UHF / TICKETING | LOOP / RADAR | PHOTOCELLS | SAFETY RUBBER | REMOTE / BUTTON

Outdoor cabinet finish: electrostatic powder coating with 180-250°C oven curing provides corrosion, fading and peeling resistance, a consistent surface and easy maintenance.

Optional devices and final boom / speed configuration depend on project requirements. Specifications may change for product improvement.