

AGMATIC DC PRO36

**HIGH-PERFORMANCE SERVO
BARRIER GATE**

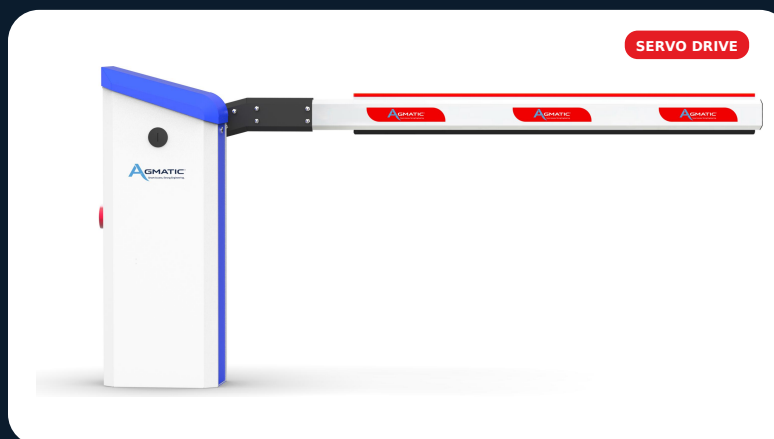
MODEL AG-DC PRO36

0.9-6 s

FAST OPERATION

3-6 m

BOOM RANGE



ENGINEERED FOR RAPID, STABLE ACCESS CONTROL

AGMATIC DC PRO36 integrates the servo motor, gearbox, frame and transmission into one compact mechanism. The design reduces vibration, improves movement accuracy and supports smooth, dependable operation. Intelligent digital control monitors the complete operating cycle, while the high-temperature powder-coated cabinet provides a durable, refined finish for commercial, residential and industrial parking.

Boom Configuration and Performance

Operating time varies by boom type and length

CONFIGURATION	OPERATING TIME	BOOM LENGTH	TYPICAL BOOM
DC PRO SPEED	0.9-3 s	3 m	High-speed straight boom
PRO36 STRAIGHT	3-6 s	3-6 m	Straight / telescopic boom
PRO36 LED (CA)	2.5 s	4 m	LED collision-avoidance boom
PRO36 90 FOLDING	3 s	5 m	90-degree folding boom
PRO36 FENCE	6 s	4.5 m	Fence boom

CA = collision avoidance; final speed is configuration dependent.

Control, Safety and Operational Functions

Standard and configuration-dependent capabilities

SV

Servo Drive

24 V DC, 150 W motor with encoder

DC

Digital Control

Built-in programmable controller

AR

Auto Reverse

Automatic obstacle detection

VS

Variable Speed

Adjustable opening and closing

RV

Reversible Setup

Adaptable boom direction

BT

Battery Ready

Backup battery connection

AT

Adjustable Travel

Programmable rise and fall angle

BR

Boom Range

Straight arms from 3 to 6 m

LED

LED Housing

Integrated traffic indication

EX

Emergency Input

Emergency opening interface

AC

Delayed Auto-close

Programmable closing delay

HT

Optional Heating

Heating system when specified

Product design, specifications, available functions and colours may change without prior notice as part of continuous product improvement.

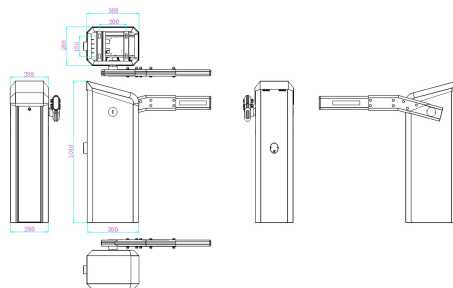
Technical Specifications

Values taken from the supplied product data and confirmed manual

PARAMETER	SPECIFICATION
Model	AGMATIC DC PRO36 / AG-DC PRO36
Power supply	AC 220 V +/-10%, 50 Hz
Motor	24 V DC brushless servo, 150 W
DC input voltage	24 V DC
Rated / peak current	10 A / 30 A
Operating time	0.9-6 s, configuration dependent
Boom length	3-6 m, configuration dependent
Remote frequency	433 MHz
Reader signal	Switch contact / dry-contact input
Human-machine interface	4-digit LED display, 4-key control
Control inputs	Open, close and stop
Control outputs	Open / closed position dry contacts
Hardware protection	Over-current protection
Safety function	Obstacle detection / auto reverse
Ingress protection	IP55
Cabinet size	380 x 280 x 1048 mm, nominal
Cabinet finish	High-temperature powder-coated steel

Cabinet Dimensions

mm



Nominal cabinet: 380 x 280 x 1048 mm. Top-cap drawing may show maximum external dimensions.

Safety and Access Integrations

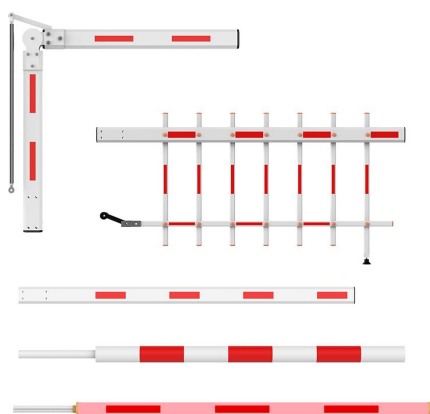
- Infrared photocell
- Loop detector
- Radar sensor
- ANPR / LPR
- UHF reader
- Warning light

Also supports pressure-wave safety rubber and dry-contact access-control input. Included scope depends on the selected project configuration.

Boom and Coupler Options

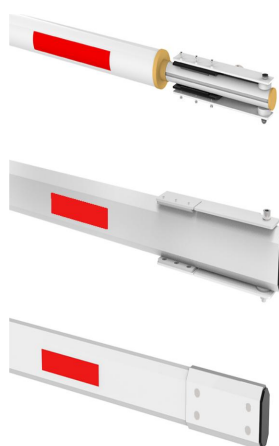
Select according to lane geometry, clearance and safety requirements

Available Boom Profiles



Straight | 90-degree folding | Double fence | Round / bubble | LED round | Telescopic

Boom Coupler / Chuck Selection



COLLISION-AVOIDANCE

Breakaway / swing type for impact mitigation

STANDARD

Fixed conventional boom connection

Final boom and coupler selection must match the required lane width and operating time.

Referenced Compliance Marks



CE | RoHS | EMC | EMF EN 62233:2008 | ISO 9001:2015
Supporting certificates and test reports should be submitted separately when required.

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