

SWING PRO 300

24 VDC LINEAR SWING GATE OPERATOR

MODEL AG-SP300

SINGLE / DOUBLE LEAF



SLIM-LINE ELECTROMECHANICAL DESIGN

A compact linear operator engineered for dependable automation of residential and light-commercial swing gates, with a low-voltage motor platform and integrated emergency manual release.



MANUAL RELEASE DETAIL

3.0 m

MAXIMUM LEAF LENGTH

300 kg

MAXIMUM WEIGHT / LEAF

24 VDC

MOTOR VOLTAGE

IP54

PROTECTION CLASS

Product Overview

AGMATIC SWING PRO 300 is a linear swing-gate operator for single- or double-leaf entrances. Its narrow housing provides a discreet architectural fit, while the 24 VDC drive is suited to intensive-use control systems and modern safety accessories.

Engineering Advantages

- Up to 3.0 m gate leaf length.
- Up to 300 kg per gate leaf.*
- Wide -30°C to +65°C operating range.
- Key-operated emergency manual release.

ENGINEERING SELECTION NOTE

*Maximum capacity depends on leaf length, wind loading, gate infill, hinge condition, installation geometry and the required operating duty. Final selection must be confirmed for the actual gate.

Technical Specifications

AG-SP300 | CONFIGURATION DATA

PARAMETER	SPECIFICATION
Product name	AGMATIC SWING PRO 300
Model reference	AG-SP300
Operator type	24 VDC electromechanical linear operator
Gate configuration	Swing gate - single or double leaf
Maximum leaf length	Up to 3.0 m
Maximum leaf weight	Up to 300 kg per leaf*
Input power supply	AC 220-240 V, 50/60 Hz
Motor voltage	24 VDC
Operating temperature	-30°C to +65°C
Protection class	IP54
Duty classification	Intensive use
Manual operation	Integrated key-operated release

CONTROL FUNCTIONS*

- Programmable single- or double-leaf sequencing.
- Soft-start / soft-stop and adjustable travel settings.
- Automatic closing and pedestrian opening modes.
- Obstacle-response logic through a compatible controller.

SYSTEM COMPATIBILITY*

- Safety photocells, monitored safety edges and loop detectors.
- Keypad, card, UHF, ANPR, intercom and push-button activation.
- Flashing lamp, gate status indication and access-control relay.
- Backup-battery operation when supported by the selected panel.

INSTALLATION & APPLICATION GUIDANCE

GATE CONDITION	Gate leaves must move freely, remain structurally sound and use positive mechanical stops.
SITE ASSESSMENT	Verify post geometry, hinge offset, wind exposure, cabling route and accessory locations before installation.
TYPICAL USE	Villas, residential compounds, offices, controlled parking entrances and light-commercial properties.

CONFIGURATION NOTICE

*Functions and compatibility are controller- and accessory-dependent. Confirm the selected control panel, safety devices, gate geometry and operating conditions before contractual submission or installation.