

External operator for swing gates of up to 3 and 5 m / 10 and 16 ft long gate leaves



Gate operators tested in compliance with European Standards on the subject of impact force.

Ati

Sturdiness and power are its strong points

The medium to large sized swing gate operator is powerful and versatile, while expressing Came dependability to the fullest.



CAME
AUTOMATIC GATES

Ati 230V 24V

Came dependability and experience at the touch of your fingertips

Sturdy, compact and dependable, it is the perfect operator for swing gates of considerable size. It provides total power on every cycle. All the component parts have a precise function and maximum attention to detail is given, thus bringing together the essential and the aesthetic values of the operator. It also comes in the 24V version, to be used under intense duty conditions such as in apartment blocks, company facilities and collective environments in general.



Practical and safe.

The gearmotor release, which is protected by a door and a lock, gives easy access to the manual opening of the gate during a blackout.



Extremely sturdy.

The outer structure, made entirely of aluminium, guarantees sturdiness and protection from environmental agents.



Electronic control provides safe passage.

In the 24V versions, when an obstacle prevents the gate from moving, the "amperometric detection device" is activated and immediately inverts or blocks its movement.

True comfort.

The electronics of the 24V version can be equipped with a device that, in the event of a blackout, activates the emergency back-up function that uses batteries. In industrial and other intensive use settings, Ati can also be connected to an emergency generator.

EN12445 - EN12453 compliant.

The dedicated ZL180 panel constantly controls the gate leaves' movement allowing for safe thrust, and is EU standard compliant.

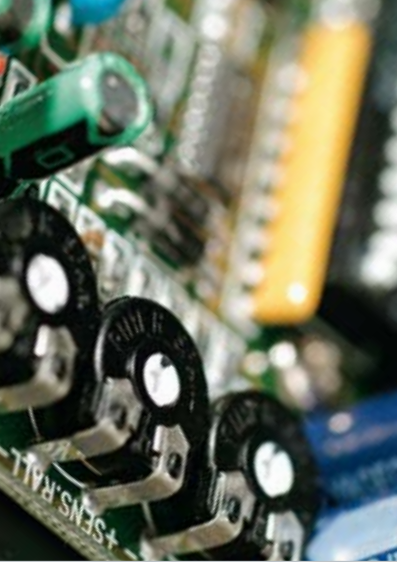


Choose among 10 models.

The Ati range features 10 different models each thought up to meet every need in terms of use and application.

Electromechanical is best.

Ati is an electromechanical operator true to the best of Came tradition. It is designed to always work, even in the severest of climatic conditions.



The 230V electronics

Besides the usual control and safety functions, Ati's 230V electronics provide certain details that allow for total control of the operator and optimal working conditions of the same. Here are some examples:

- > **Total control of the gate from the transmitter**
including the possibility of immediately stopping the movement of the gate leaves.
- > **Possibility of programming the gate to partially open**
ideal for all entrances that don't have a specific pedestrian gate.
- > **System's active safety-devices test**
performed prior to each gate opening and closing cycle.

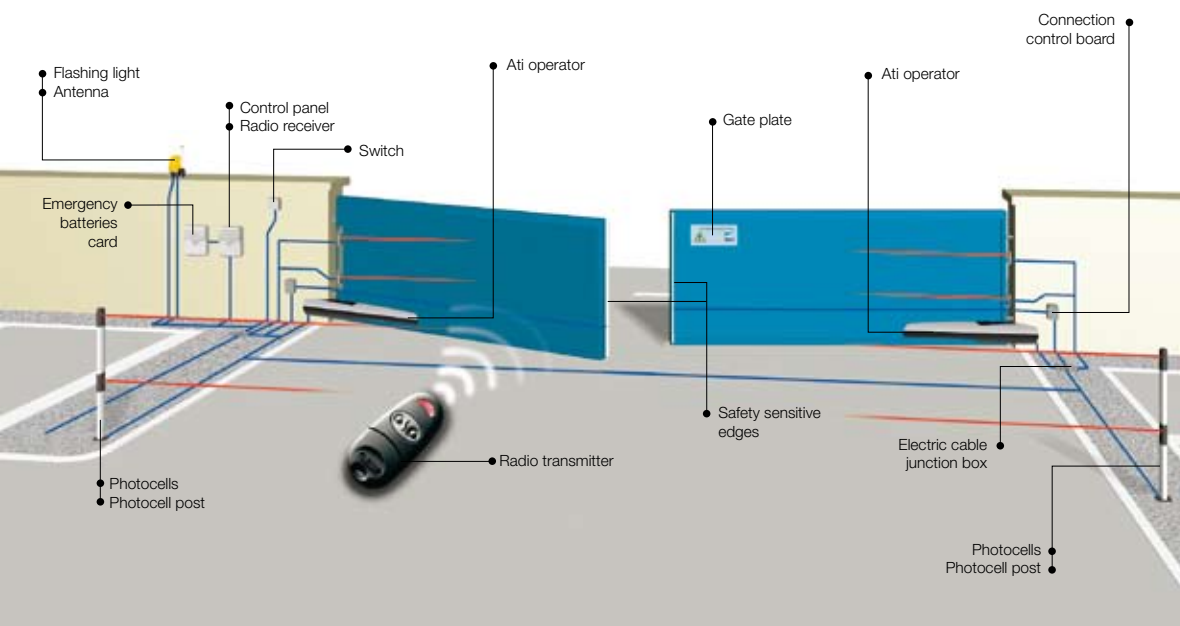
Ati 24V is EN TESTED

When total comfort, performance and safety are needed, Ati's 24V technology elevates the potential to the highest standards, meaning:

- > **Controlled impact forces**
Thanks to laboratory testing carried out on a door sample, versions A3204N and A5024N are European standard EN12445 and EN12453 compliant, in terms of impact forces.
- > **No more blackouts**
Ati's 24V electronics automatically detects any absence of power and immediately activates the emergency back-up batteries, to always open and close the gate (optional).
- > **Intensive use**
The low-voltage gearmotor guarantees functioning even in the harshest of working conditions, such as in apartment blocks and industrial facilities.
- > **Obstacle detection**
A special electronic circuit constantly sweeps for any obstacles to the gate leaves, and if needed stops or inverts the direction of motion.



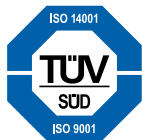
Standard installation



In the event a careful analysis of the automated gate's risks were to require it, the use of sensitive safety infrared or contact edges becomes indispensable. In the event of panel gates, and very windy conditions, we suggest installing the 230V version.



Made in Italy



For its quality processes management Came Cancelli Automatici is ISO 9001:2000 certified, and for its environmental management it is ISO 14001 certified. Came designs and manufactures entirely in Italy.

The range

230V A.C. external operators

- A3000** Self-locking operator for gate leaves of up to 3 m / 10 ft (opening time 90° 19s).
- A3100** Reversible operator for gate leaves of up to 3 m / 10 ft (opening time 90° 19s).
- A3006** Self-locking operator for gate leaves of up to 3 m / 10 ft (opening time 90° 28s).
- A3106** Reversible operator for gate leaves of up to 3 m / 10 ft (opening time 90° 28s).
- A5000** Self-locking operator for gate leaves of up to 5 m / 16 ft (opening time 90° 32s).
- A5100** Reversible operator for gate leaves of up to 5 m / 16 ft (opening time 90° 32s).
- A5006** Self-locking operator for gate leaves of up to 5 m / 16 ft (opening time 90° 45s).
- A5106** Reversible operator for gate leaves of up to 5 m / 16 ft (opening time 90° 45s).

230V A.C. control panels

- ZA3N** Multifunction control panel with built-in radio decoder.
- ZM3E** Multifunction control panel with signalling display, auto-diagnosis of safety devices and built-in radio decoder.

24V D.C. external operators and control panel (min gate leaf width = 1.5 m / 4,92 ft)

- A3024N** Self-locking operator for gate leaves of up to 3 m / 10 ft (adjustable 90° opening time).
- A5024N** Self-locking operator for gate leaves of up to 5 m / 16 ft (adjustable 90° opening time).
- ZL180** Control panel for two-leaf swing gates with built-in radio decoder.



Accessories

- LB180** Card for connecting two 12V – 1.2Ah emergency batteries with rack for ZL180 control panel.
- LOCK81** Electric lock with single cylinder.
- LOCK82** Electric lock with double cylinder.
- D001** Lock cylinder with DIN key.
- H3000** Safety casing complete with release handle and command button for pull-cord release L = 5 m / 16.40 ft.

Technical features

Type	A3000 - A3100 / A5000 - A5100	A3006 - A3106 / A5006 - A5106	A3024N - A5024N
Protection rating	IP44	IP44	IP44
Power supply (V) (50/60Hz)	230 A.C.	230 A.C.	230 A.C.
Motor power supply (V)	230 A.C. 50/60 Hz	230 A.C. 50/60 Hz	24 D.C.
Current draw (A)	1.2	1.2	10 Max
Power (W)	150	150	120
90° opening time (s)	19 / 32	28 / 45	ADJUSTABLE
Duty cycle (%)	50	50	INTENSIVE USE
Thrust (N)	400 ÷ 3,000	400 ÷ 3,000	400 ÷ 3000
Operating temperature (°C/°F)		-20 - +55 / -4 - +131	
Motor's thermo-protection (°C/°F)	150 / 302	150 / 302	-
120V A.C.- 60 Hz PRODUCTS PLEASE CHECK OUR PRICE LIST			230V A.C. ● 24V D.C.

PRODUCTS

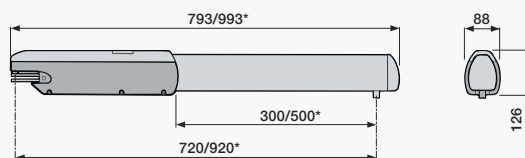


Limits to use

Model	A3000 - A3100 - A3106 - A3006 - A3024N				
Max width of gate leaf (m/ft)			3/10	2.5/8.2	2/6.6
Max weight of gate leaf (Kg/lb)			400/880	600/1,330	800/1,770
Model	A5000 - A5100 - A5106 - A5006 - A5024N				
Max width of gate leaf (m/ft)	5/16	4/13	3/10	2.5/8.2	2/6.6
Max weight of gate leaf (Kg/lb)	400/880	500/1,100	600/1,330	800/1,770	1,000/2,200

● 230V A.C. ● 24V D.C.

Dimensions



*Refers to versions
A5000 - A5100 - A5006 - A5106 - A5024

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