



Staffordshire[™]
Automation

Above ground
operator for
swing gates
of up to 1.8 m
per gate leaf



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

www.staffsautomation.co.uk

new Amico

A new concept in safety

Amico is the revolutionary solution for residential and apartment block swing gates. It provides the best in terms of active safety measures thanks to the testing it has undergone to bring it up to EU standards in matters of impact forces.




CAME
AUTOMATIC GATES

Amico is a
24Volt
operator



Amico is a safe, innovative operator, with an extra touch: its force is encoder controlled. Coupled with the ZL90 control panel, it makes it possible to install systems which are duly compliant with European standards as concerns the maximum impact forces generated by gate movement.



The electronics

Besides the normal control and safety functions, Amico's new electronics provide certain peculiarities which allow for total control of the operator and optimisation of its functions, such as:

> Signal led

built into the control board to provide easy diagnosis of the systems functions:

> End-point control

through the encoder to easily manage movement and slow-down phases.

> Simplified installation

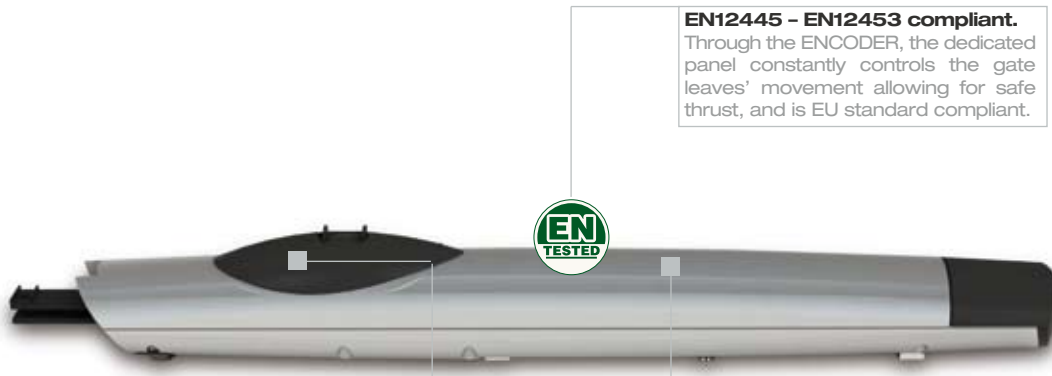
through one, three-polar cable which handles the power supply and the slow-downs.

Limits to use

Gate leaf width (m)	Gate leaf weight (kg)
1	250
1,5	215
1,8	200

The range

- A1824** Self-locking operator with encoder.
- ZL90** Control panel for two-leaf swing gates.
- LB90** Card for connecting two 12V - 1,2Ah emergency batteries with battery-rack.



EN12445 - EN12453 compliant.

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

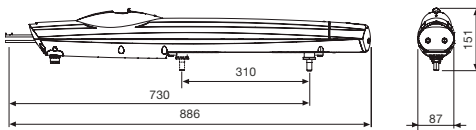
Eye-catching design.

The aluminium supporting structure makes Amico extremely robust. Careful design and attention to detail, besides bestowing its exclusive look, also protect it from environmental agents.

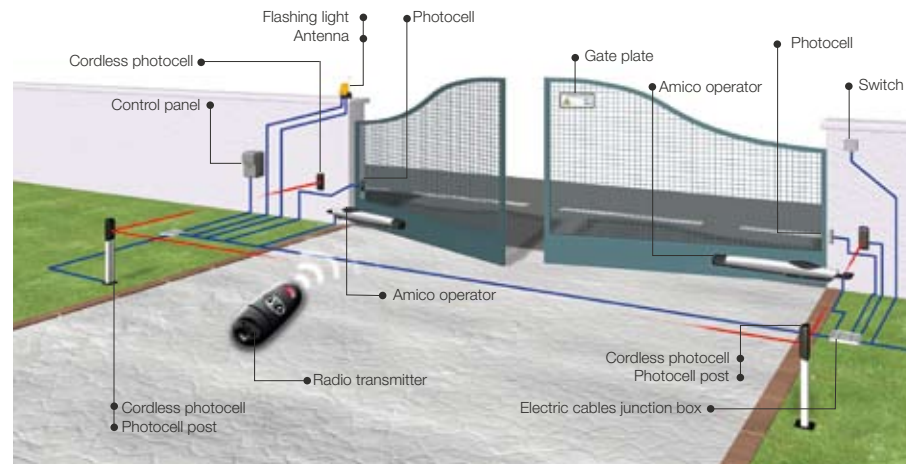
Blackouts no more!

Amico's 24V electronics automatically detect any lack of power and activate the emergency mode which works on (accessory) batteries built-into the assembly.

Dimensions



Standard installation



Technical features

Type	A1824
Protection rating	IP44
Power supply (V)	230 A.C. 50/60 Hz
Motor power supply (V)	24 D.C.
Current draw (A)	4 max
Max power (W)	100
Thrust (N)	400 ÷ 2000
Duty cycle (%)	intensive use
Opening time 90° (s)	adjustable
Operating temperature (°C)	-20 ÷ +55

PRODUCTS



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