



Staffordshire™
Automation

Operator for
overhead and
sectional doors



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

Ver

**An electrical appliance
that opens the doors to
comfort**

Ver is an ingenious operator.
It is easily installed and meets all
the opening requirements of modern
garage doors. Whether they be
overhead or sectional doors.
Simplicity and compactness make
Ver an original Came idea!




CAME
AUTOMATIC GATES

Ver

The operator for garage doors

The “traction” type automation is powerful and versatile and perfectly adapts to the majority of modern garage doors. It comes complete with courtesy light. Ver will perfectly integrate, as electrical appliances go, it is simple to use, yet powerful in line with Came tradition.



The 230V approved connection is simple, safe and fuse protected and enables the power to be shut down if required (it is standard on the V700 model).



The chain and belt driver transmission, guides, are the heart of the system. Being extremely tough and completely silent, they provide a customisable solution for every type of door.



Maximum comfort. A 24V operator that will always open your garage, even during power outages, thanks to batteries inside (optional).

Ver lights up your access. Its comfortable, integrated courtesy light makes your access safer. The control board controls its functioning and switches it off automatically.



EN12445 - EN12453 compliant. The built-in panel of the V900E constantly controls the door's movement allowing for safe thrust, and is EU standard compliant.

A guide for every door. With toothed belt or chain, depending on the application requirements, to truly meet any needs.

The easy-to-reach release lever. It can even be engaged outdoors by way of an accessory applied directly to the door handle.

All in one. An elegant, sturdy container protects the control board and any emergency batteries.





The range of accessories

Came brings you a complete range of accessories for command, safety and automation completion:

- > **silent, reliable slide rails** for easy ceiling mounting.
- > **outer pull-chord release** can be directly applied to the door's standard handle, when other entrances to the garage are not available.
- > **a complete range of command and safety accessories** is available to bring comfort, functionality and safety to the installation, as required by the industry code.

V900E is EN TESTED

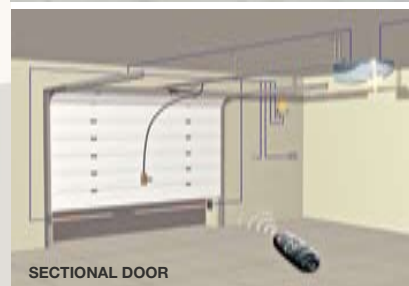
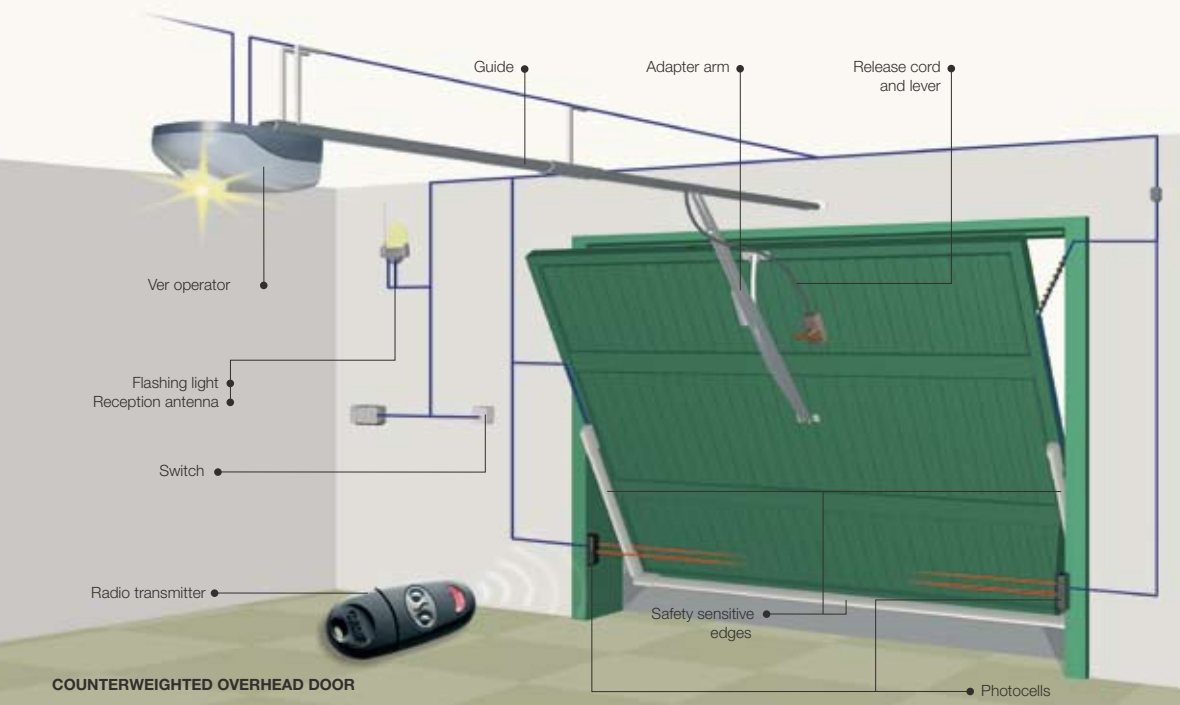


Besides the usual command and safety functions, the electronics of the Ver and 24V series provide special functions that allow for total control of the operator. Here are some:

- > **Controlled impact forces**
Thanks to laboratory testing carried out on a door sample, V900E is European standard EN12445 and EN12453 compliant, in terms of impact forces.
- > **Total safety even when the motor is stopped**
In fact, the Ver electronics prevent any command when the safety devices detect an obstacle.
- > **Obstacle detection**
A special electronic circuit stops the automation, or invert its run, in the event of an accidental impact.
- > **Blackouts no more**
Thanks to the integrable, auxiliary batteries which always open and close the garage (optional).



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.



PRODUCTS



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.



CAME

Approved
Installer

The range

24V D.C. complete automation EN12445 - EN12453 tested

V900E 24V D.C. complete automation system with encoder, for overhead counterweighted and spring-loaded doors and sectional doors.

24V D.C. complete automation

V700 24V D.C. complete automation system with encoder, for overhead counterweighted and spring-loaded doors and sectional doors.

Accessories

V0670 Emergency battery card complete with support for two 12V - 1,2Ah batteries.

Installation accessories

V005 Chain guide extension L = 1.42 m for guide types: V0679 - V0682 - V0683 - V0684.

V121 Cord release device L = 3 m to apply to the handle.

V122 Transmission arm for sectional doors having distances of 30-60 cm the top edge of the door and the spring rod.

V201 Adapter arm for partially extended counterweighted overhead doors.

Transmission guides

V0679 Chain guide L = 3,02 m.

V0682 Chain guide L = 3,52 m.

V0683 Chain guide L = 4,02 m.

V0684 Chain guide L = 3,02 m in two pieces.

V0685 Belt guide L = 3,02 m.

V0686 Belt guide L = 3,52 m.

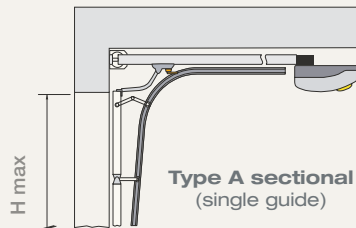
V0687 Belt guide L = 3,02 m in two pieces.

V0688 Belt guide L = 4,02 m.

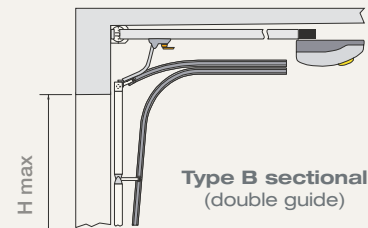
Limits of use

The dimensions shown in the following table stand for the MAXIMUM HEIGHT of the door, from the ground to the top edge of the lintel, for any type of door and any type of guide.

Type	Counterweighted doors	Spring-loaded doors	Type A sectional	Type B sectional
Guides				
Max door height (m)				
V0679	2,4	2,25	2,1	2,2
V0682	-	2,75	2,6	2,7
V0683	-	3,25	3,1	3,2
V0684	2,4	2,25	2,1	2,2
V0685	2,4	2,25	2,1	2,2
V0686	-	2,75	2,6	2,7
V0688	-	3,25	3,1	3,2
V0687	2,4	2,25	2,1	2,2



Type A sectional
(single guide)



Type B sectional
(double guide)

Technical features

Type	V700	V900E
Protection rating	IP40	IP40
Control board power supply (V)	230 A.C. 50/60 Hz	230 A.C.50/60 Hz
Motor power supply (V)	24 D.C.	24 D.C.
Current draw (A)	11 max	6 max
Max power (W)	260	130
Traction force (N)	850	500
Duty cycle (%)	50	50
Manoeuvre speed (m/min)	6	6
Operating temperature (°C)	-20 ÷ +55	-20 ÷ +55

● 24V D.C.

Dimensions



Staffordshire
Automation

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