



Convenience and safety

It is mandatory to install all the safety accessories recommended by the UNI 8612 standards in force in all automation systems. By choosing an automation system complete with all its control and safety accessories, CAME guarantees total SAFETY and maximum CONVENIENCE on ALL products installed.

Convenience and safety in a single touch

Opening the motorized gate via remote control has become much **EASIER**. The **CAME** transmitter from the **ATOMO** series is elegant, ergonomic, easy to grip and made with a practical rubber attachment for your key-ring; most of all, just one touch is enough. Depending on your needs, different remote controls are available in terms of size, frequency and type of performance. Automatic commands can be activated via:

- **Keypads**, with a **PERSONALIZED CODE of your choice** guaranteeing **secrecy** and **safety** thanks to an **ELECTRONIC ANTI-TAMPERING** system.
- **Custom key switches** for surface and flush mount applications.
- **Magnetic key readers** and **loop detectors** for motor vehicle detection.



Greater safety with CAME automatic systems

Safety systems are doubtlessly the most important devices in an automation where safeguarding people and vehicles is fundamental. The **movement signaling flashing lights** and the **new ANTI-COLLISION** beams of the **special photocells** are indispensable in a gate system complying with the safety regulations in force.

Safety edges are also necessary when the gate automation does not include certain safety parameters or when installed for special applications.

The **infrared photoelectric edges** offered by **CAME** guarantee a more effective solution for numerous active protection needs required by the **UNI 8612 safety standards** in force.

Operation with these devices is guaranteed even in cases where the rubber section is damaged; they may be applied either on the moving gate or the fixed parts, in lengths up to 8 m (26 ft).



Consult the **CONTROL ACCESSORY** and **SAFETY** catalogue to see our complete selection of original **CAME** accessories and decide the best solution for your needs.

The automation system of your choice will offer you total **SAFETY** and maximum **CONVENIENCE**.



Automation for garage and sectional doors



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CAME is Europe's leading manufacturer of a complete range of **electromechanical automatic** gate control systems. Top-quality control systems designed for external installation and with **no need of periodic maintenance** are the basis for the success of **CAME** products. **CAME** automatic systems can be fitted also on an existing gate: your local **CAME** dealer will be delighted to help you selecting the system which best suits your requirements.

The range of **CAME** automatic systems includes:

- Automation for **sliding gates**
- Automation for **swing gates**
- Automation for **garage and sectional doors**
- Automation for **shutters and industrial gates**
- Automation for **car parks and street barriers**
- Automatic Pedestrian doors**
- Systems for **access control**
- Accessories for **control and safety**





Comfort and safety

The automation of the garage door simplifies the entry, automatically lights up the parking area, guarantees door locking during closure and in the 24V versions, operation is also guaranteed even in the absence of electricity.

For prestige garage doors

- **Matches perfectly without altering the outward aspect of the door** thanks to the reduced dimensions and pleasing design; the transmission accessories are applied without modifications to the door and without any welding to change its appearance.
- **The incorporated light**, supplied as standard in all the models, lights up when the motor starts working and signals the opening of the door but above all illuminates the garage for easier parking.
- Particularly recommended for **heavy doors and doors with larger dimensions**, the **EMEGA** series also includes a complete range of specific installation accessories to allow the automation of various different types of garage doors.
- **More functions and safety with the 24V version:** personalisation of the opening speed, slow down in the closing phase and **electronic detection of obstacles** allow a constant control of the operation.

Sturdy, quiet, yet above all electromechanical

- The **research** into the materials used, the manufacture with **permanent grease lubrication**, but above all the characteristic of being **ELECTROMECHANICAL**, are all reasons why all kinds of maintenance and adjustment interventions are excluded over time.
- **If no electricity is available**, the versions with irreversible reduction gear are equipped with a convenient handle that makes unlocking the door easier; the door opens manually and can be locked again during closure.
- **If there is no second entry to the garage** or if manual opening is also needed from the outside, the unlocking operation can be transferred to the handle of the up and over door with the appropriate cable accessory.



Ideal for condominium use

Thanks to its own power supply from the emergency batteries or also with an independent battery back up, the 24V version is the ideal automation for condominium applications.



Technical information

Type	E1000	E1100	E1024
Protection level	IP50 (NEMA 1)		
Power supply	230V A.C.		
Motor power supply	230V A.C.	230V A.C.	24V D.C.
Capacity	200W	150W	180W
Duty cycle	50%	50%	intensive operation
Max torque	450 N•m		
Opening time	15S	14S	adjust. from 13 a 32 S
Operating temperature	-20°C min +70°C max		
Motor thermal protection	150°C		
Maximum door size	14 m ² (150 ft ²)		

Ready in two minutes

Thanks to the new VER system it is now even easier to motorize a garage door. Just couple the transmission rail to the motor and the automation is ready to install. VER is quick to install and no modifications to the doors are necessary, it is attached to the roof in line with the centre of the door and is, therefore, an EASY and cost-effective system.

A VER automation system also means

- **A complete automation** comprising of control panel, a light to illuminate the garage area and space for two emergency batteries.
- **Powering up the unit is now practical and safe** thanks to a plug with external fuse holder complying with IEC/CEE22 standards.
- **Total safety** for a motor working in low tension with obstacle detection system.
- **Re-locking upon closure** automatically makes the entry manoeuvre much easier.
- The release system allows manual opening and can be locked again during closure even when power is not available.



Custom-made

- **VER systems** allow the correct motor drive to be fitted depending on the door type and installation context
- Force of traction up to **500 N** to operate residential doors; force of traction up to **850 N** to operate public entries or industrial doors
- Movement control by **limit switches** or by **Encoder**
- Transmission by **belt** or by **chain**
- **Adapter transmission arm** for a practical installation in counterweighted overhead doors (V201)

Application situations and transmission systems

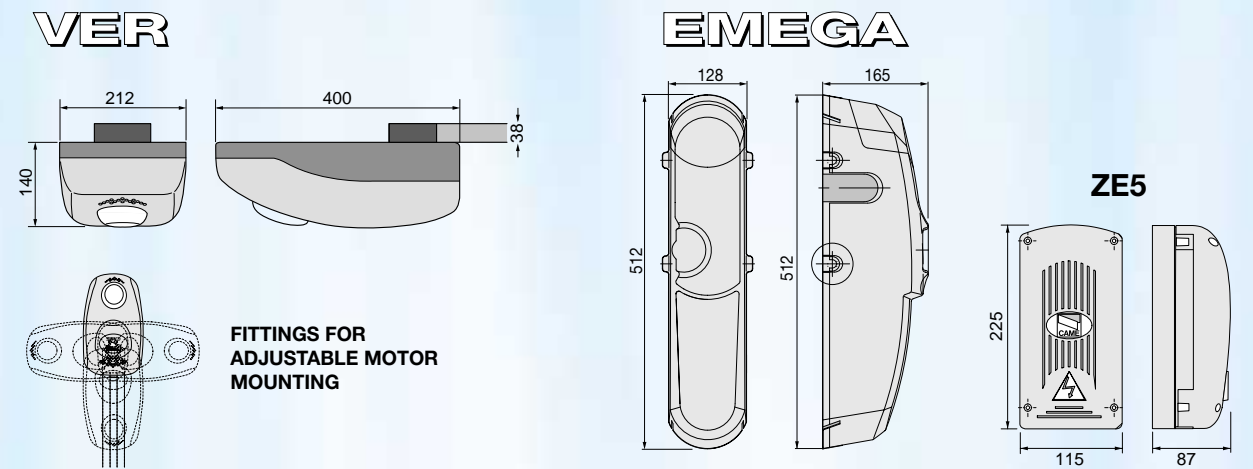
6 different transmission rails having various lengths are available to operate any kind of door:
V0671 /2/3 chain transmission rail (L=3,02 / 3,52 / 4,02 m 9.10 / 11.5 / 13.2 ft) for counterbalanced garage-doors up to 2.4/2.9/3.4 m - 7.8/9.5/11 ft high.
V0675 /6/7 belt transmission rail (L=3.02/3.52/4.02 m - 9.9/11.5/13 ft) for counterbalanced garage-type doors up to 2.4/2.9/3.4 m - 7.8/9.5/11 ft high.



Technical information

Type	V600 / V600E	V700
Protection level	IP40	
Power supply	230V a.c.	
Motor power supply	24V d.c.	
Duty cycle	intensive operation	
Max torque	130W	260W
Traction force	500N	850N
Opening time	adjustable	
Operating temperature	-20°C min. +70°C max.	

Overall dimension



Garage door installations for residential operators

