

COMPANY PROFILE







The company was founded with the aim of satisfying the regional market of automation.

Commercial alliance with Prastel, a company specialized in the design and implementation of electronic systems.

Opening of the new branch in Spain.

1984 1990 2004 2007 2012 2022

Production of the first mould: like those of the AG 90, sliding gear motor in oil bath.

Expansion of the product range by manufacturing and selling automatic doors.

Expansion with the purchase of a new plant and glass door automation patent with "invisible operator".



Production

For over forty years we have been passionately producing automation systems for gates, barriers, automatic doors, garage doors and roller shutters.



Our workshop deals with the design and production of moulds:

150 proprietary moulds (between die-casting and plastic)

30 dies for aluminium profiles.

Our fleet consists of:
Lathes with numerical control;
Gear hobbing machines;
Rolling machines;
Three robotic stations for managing lathes and a welding robot.

The processes we carry out mainly concern the production of gears, shafts, worms, turned parts and also the processing of the material that needs welding.

Assembly is carried out internally by highly qualified personnel, with 15 production lines. Operators carry out a quality control, verifying that the product complies with the required requirements and meets the tolerances indicated in the production data sheets. About 200 kits are assembled daily.





Materials

Mechanical parts for gate motors are made of high quality materials such as stainless steel, aluminum and cast iron to ensure strength and durability. They are subjected to precise production processes for perfect compatibility. Production follows strict quality controls.





40 Years

Our company has forty years of experience in the field of automatic entrances. This solid experience has allowed us to consolidate skills and in-depth knowledge in the field of automated access solutions.





Export

Solid presence on international markets thanks to the export of our products to different countries of the world: America, Asia, Europe and Africa with networks of partners, distributors and sales channels.





Our products

















- Electromechanical actuator.
- Stem in stainless steel.
- Aluminium structure.
- 2 versions: reversible and irreversible.
- Manual release with custom key.
- Opening 120° is correct.
- For doors up to 4,5 meters and weight 350kg.









RESIDENTIAL ME COLLECTIVE VOLTAGE 230 - 24V



- Electromechanical actuator.
- Rolled screw
- Structure in extruded aluminium.
- Irreversible.
- Manual release with custom key.
- Opening 120° is correct.
- For doors up to 3mt and 200kg in weight.











- Electromechanical actuator.
- Stem in stainless steel.
- Structure in extruded aluminium.
- Irreversible.
- Manual release with custom key.
- Opening 120° is correct.
- For doors up to 3mt and 200kg in weight.



EGO

Arm automation for swing gates.







- Electromechanical actuator.
- Stem in stainless steel.
- Structure in extruded aluminium.
- Irreversible.
- Manual release with custom key.
- Opening 120° is correct.
- For doors up to 4mt and 350kg in weight.









RESIDENTIAL COLLECTIVE VOLTAGE 230V - 24V



- Articulated electromechanical actuator.
- Structure in die-cast aluminium.
- Articulated arm anti-displacement
- Irreversible.
- Mechanical release with custom key.
- Opening 120° is correct.
- For doors up to 2,5mt and 200kg in weight.









RESIDENTIAL COLLECTIVE 7 VOLTAGE 230V



- Articulated electromechanical actuator.
- Structure in die-cast aluminium.
- Articulated arm anti-displacement
- Irreversible.
- Mechanical release with triangular key.
- Opening 120° is correct.
- For doors up to 3,5mt and 800kg in weight.









RESIDENTIAL ME COLLECTIVE VOLTAGE 230V





IRREVERSIBLE

- Electromechanical actuator.
- Aluminium structure.
- 2 versions: reliable and irreversible.
- Manual release with custom key.
- Opening 90° years old.
- Hydraulic adjustment of the slowdown in closing.
- For doors up to 5m (PH1) and 6mt (PH) and 500kg in weight.











- Electromechanical actuator underground.
- Structure in die-cast aluminium.
- Irreversible.
- Mechanical emergency release with lever.
- Opening 90 years old.
- Foundation box in galvanized sheet.
- For doors up to 3,5mt and 800kg in weight,











- Electromechanical gear motor.
- Structure in die-cast painted aluminium.
- Lever release with custom key.
- Mechanical parts lubricated with lithium grease.
- For gates weighing up to 400kg.









RESIDENTIAL THE COLLECTIVE \$\forall \text{VOLTAGE 230 - 24V}

- Electromechanical gear motor.
- Structure in die-cast painted aluminium.
- Lever release with custom key.
- Mechanical parts lubricated with lithium grease
- Available with and without encoder.
- For gates weighing up to 600kg.









RESIDENTIAL HE COLLECTIVE VOLTAGE 230 - 24V

- Electromechanical gearmotor.
- Painted die-cast aluminum structure.
- Lever release with personalized key.
- Mechanical parts lubricated with lithium grease
- Available with and without encoder.
- For gates weighing up to 1000kg.











- Electromechanical gear motor.
- Structure in die-cast painted aluminium.
- Lever release with custom key.
- Stator and mechanical parts in oil bath.
- For gates weighing up to 1600kg.









RESIDENTIAL COLLECTIVE VOLTAGE 230 - 380V

- Electromechanical gear motor.
- Structure in die-cast painted aluminium.
- Lever release with custom key.
- Stator and mechanical parts in oil bath.
- Mechanical limit switch.
- For gates weighing up to 2500kg.









A RESIDENTIAL COLLECTIVE

✓ VOLTAGE 230 △ - 400Y

- Electromechanical gear motor.
- Structure in painted steel and stainless steel.
- Manual release with hex key.
- Mechanical limit switch.
- For gates weighing up to 5000kg.



Discover the new fast line **ESPRESS**



New inverter technology with twice the speed of the standard.











- Actuator for overhead garage doors.
- Solid steel and bronze gears.
- Mechanical parts lubricated with lithium grease.
- 24V encoder, 230V encoder on request.
- Start button inserted in the crankcase.
- Surface max 10mq.









RESIDENTIAL HI COLLECTIVE \$\foralle{V}\$ VOLTAGE 230V



- Actuator for overhead garage doors.
- Solid steel and bronze gears.
- Mechanical parts lubricated with lithium grease.
- 24V encoder, 230V encoder on request.
- Lever locking device in die-casting.
- Surface max 10mq.









- Actuator for select doors and swing doors.
- Chain or pre-assembled belt.
- Mechanical parts lubricated with lithium grease.
- Control equipment with radio receiver and antenna.
- Surface max 14mq.







- Actuator for select doors and swing doors.
- Pre-assembled strap.
- Control equipment with radio receiver and antenna.
- Surface max 16mq.











RESIDENTIAL HE COLLECTIVE VOLTAGE 230V



- Electromechanical barrier.
- Painted self-supporting steel structure.
- Box in die-cast aluminum.
- Steel and bronze gears.
- Emergency release by knob.
- Air cooling by fan.
- Rods up to 3mt.









RESIDENTIAL COLLECTIVE 5 VOLTAGE 230V



- Internal steel pylon body 4 mm.
- Galvanized steel external pylon body.
- No adjustment and calibration required.
- Visible LED 360 someone.
- Fluidity of movement of the pylon.
- Maximum safety and consistent performance over time.













- Electromechanical barrier.
- Painted self-supporting steel structure.
- Box in die-cast aluminum.
- Cast iron and steel gears.
- Emergency release by crank.
- Standard round rod connection, optional rectangular rodl.
- Rods up to 6mt.









RESIDENTIAL COLLECTIVE VOLTAGE 230 - 24V



IRREVERSIBLE

- Galvanized and painted steel structure.
- Easily delimit small car parks or driveways.
- Intelligent: thanks to obstacle detection and automatic running programming.
- Chain up to 20mt long.











- Geared motor for medium and large industrial sectional doors.
- Oil lubrication.
- Release by 8 m chain.
- Max. door size 50 mg.





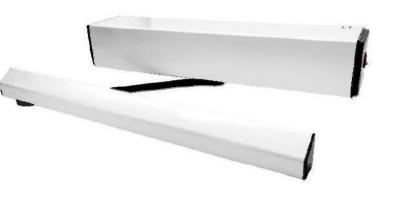


RESIDENTIAL





- Swing door opener. Suitable for wooden, metal and frame doors
- Adjustable opening/closing speed and duration.
- Maximum door weight 200 kg.
- Power supply 230 V.







RESIDENTIAL COLLECTIVE VOLTAGE 230V



- Rod-stem linear electric actuator with high resistance to peak loads
- Operation with 230V AC 50Hz supply voltage.
- Equipped with limit microswitches and relays for parallel connection.
- Built-in thermal protection.





RESIDENTIAL



- Linear electric chain actuator for installation on top-hung or vasistas windows.
- Overload protection system and automatic adjustment of the closing limit switch via magnet.
- Synchronization system capable of coordinating the movement of the chain of multiple actuators.









RESIDENTIAL COLLECTIVE F VOLTAGE 230V



- Quick assembly.
- Manual release.
- Electrobrake.
- Built-in mechanical limit switch easily adjustable.
- Fast, quiet and reliable.
- Max weight 180kg.









RESIDENTIAL COLLECTIVE 7 VOLTAGE 230V



REVERSIBILE



IRREVERSIBLE

- Quick assembly.
- Manual release.
- Electrobrake.
- Built-in mechanical limit switch easily adjustable.
- Fast, quiet and reliable.
- Max weight 300kg.







- Painted aluminium die-casting gear motor.
- Wide range of adapters and accessories.
- Mechanical limit switch.
- Bracket and adapter 60/70mm.
- Wide range of adapters and accessories.
- Max weight 350Kg.







- Painted aluminium die-casting gear motor.
- Wide range of adapters and accessories.
- Mechanical limit switch.
- Bracket and adapter 60/70mm.
- Wide range of adapters and accessories.
- Max weight 350Kg.







- Reversible automation with 1 motor.
- Motor unit with 100 pulse optical encoder.
- Remote programming via digital selector.
- Interlock function.
- Air blade management.
- Crossbar 1 door: max weight 120 kg.
- Transom 2 doors: max weight 80 + 80 kg.







- Turnstile for access management.
- Available with Hi-Security monitor.
- Structure in stainless steel AISI 304 and door in polycarbonatte.
- Door in 2 sizes: 600 mm-900 mm.
- Integrated crown light.







- Reversible automation with 1 motor.
- Motor unit with 100 pulse optical encoder.
- Remote programming via digital selector.
- Interlock function.
- Air blade management.
- Beam 1 door: max weight 150 kg.
- Transom 2 doors: max weight 100 + 100 kg.







- Vertical turnstile at full height.
- Suitable for schools, factories and all types of installations that need strength and durability.
- Stainless steel.
- Access control and clock.
- Fingerprint. RFID reader. Facial recognition. Tickets.



THANKS for your attention

We look forward to working with you!



www.vdsautomation.com

