



Bespoke gate systems from a leading specialist



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Came Gold Installer

AGD Systems are fully qualified and accredited by CAME for the installation and periodic maintenance of all CAME gate automation equipment and safety control accessories.

The **GOLD** Approved Installer network is controlled and administered by CAME UK, sister company to CAME Spa, Treviso, Italy. CAME UK provides assurance of quality installations and customer service through the Approved Installer Network.

AGD Systems are proud to be credited with this **GOLD** Approved Installer status which offers an assurance to our customers that the quality of our product, service, installation and safety is second to none.



Wooden Swing Gates

AGD Systems is one of the UK's leading gate automation specialists. Operating principally in central England and the home counties since 1985, we offer a comprehensive design, manufacture and installation service covering all types of gate automation.

We offer a full range of hardwood and softwood gates that are manufactured to the highest standard by skilled craftsmen using traditional, hand made construction methods.

Most gates will swing open like a door, pivoting on a hinge making the swing gate the classic choice for most driveways.

Entrances with sloping drives or uneven ground may need careful consideration – our surveyor is available to offer helpful advice.

On this page we have included some examples of swing gates that may be of interest to you when choosing your required gate style and shape.



Weston Pale – Mahogany hardwood



Estate gates – Iroko with metal bars



Chacombe – Idigbo hardwood



5 Bar Picket Gate in Idigbo

Wooden Sliding Gates



The Ecton – European Oak



5 Bar Sliding Gate - Installation



The Brington – Scandinavian Redwood

Where there is an awkward driveway situation you may wish to consider installing a sliding gate.

A wooden sliding gate not only looks great but also provides a practical solution for restricted parking areas or where the driveway slopes thus preventing swing gates from opening inwards.

Here again we have included some examples that may be of interest to you when choosing your required gate style and shape.



Bow Topped Slider – Iroko hardwood



The Stratford - European Oak

Steel Swing Gates

Traditionally referred to as wrought iron gates, most modern gates are in fact made from steel and occasionally from cast iron. There are still a few small forges skilled in the art of crafting old style wrought iron gate designs, AGD can assist you in specifying gates suitable for adding our automation kits and access controls.

Steel gates can be installed as 'stand alone' (to stand alone steel posts) or to stone or brick piers with built-in steel reinforcements.

Our steel gate range can be divided into three

categories. Standard Design Styles, Bespoke Design Styles and Gate Express

All of our steel gates are hand made by skilled craftsmen. They are hot-dip galvanised to prevent future corrosion giving you total peace of mind with regards to ongoing maintenance.

Outlined below are several examples of steel swing gates installed by AGD. Please contact us as we can send you other gate design styles to choose from..



The Clarendon



The Isham



Bespoke Cast Iron Gates



The Cottesbrooke

Steel Sliding Gates



Bespoke 'Wheat Sheaf' style



Bow Topped Sliding gate



Sliding Cantilever farm Gate

Automatic steel sliding gates are the perfect solution for restricted parking areas or where a sloping driveway restricts the use of traditional inward swinging gates.

Sliding gates are less vulnerable to high wind conditions and also provide increased security due to their method of construction.

Steel sliding gates don't have to be 'industrial looking', AGD has commissioned many traditional or ornate sliding gates designs, many of which have been made to look like a pair of swing gates.



Sliding Gates - Leisure Centre



Sliding Tracked Gate



Intercoms

If the vehicle entrance gates are the only means of access to your property you may need to consider more options such as voice only or voice/video intercoms. These allow the home owner to speak with the visitor before granting them access.

There are hardwired and wireless systems to choose from. Video Intercoms can be specified with monochrome or colour monitors and are generally hardwired back to the dwelling.



Audio and Video Intercoms



VIDEX produce an unrivalled range of access control equipment that meet the needs of all market sectors. The range offers endless opportunities for customisation to ensure the most appropriate solution is available.

Whether you require a basic audio system or a 1000 apartment multi entrance video system; VIDEX have the solution for you. The VIDEX range offers the best solution for any visual intercom requirements; with Colour and Black & White options available.



Wirefree Intercoms

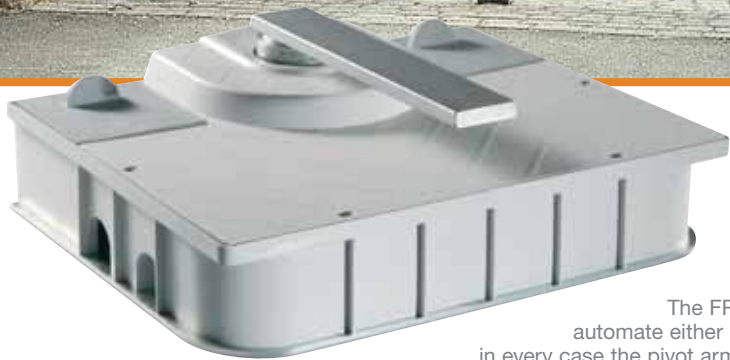


The DIATEM range provides wire free voice and data communications from the perimeter to inside the property. The user can speak to visitors, at the perimeter of their property, using their portable handset and remotely operate their entrance if they wish to grant the visitor access.

Because the system is wire free the DIATEM range is simple, fast and easy to install. The internal DoorPhone is both attractive and practical and has an exceptional degree of reliability due to DAITEM's DynaPass® frequency agile radio transmission technology.

Frog

Underground Gate Operator



The underground gate motors can be operated by all the standard CAME accessories e.g. remote controls, push buttons, keypads etc.

The FROG system is designed to automate either metallic or wooden gates and in every case the pivot arm becomes the bottom hinge for the gate. Once correctly installed, there is no apparent sign of

the mechanism other than the lid of the foundation casing box, and it does not detract from the overall aesthetics of an attractive gateway.

As its name implies this superb, much copied gate machine is designed to operate in damp, below ground level conditions.

It is indeed the most popular machine with the discerning customer, who not only wants a long lasting reliable gate machine, but also does not want to see any type of armature attachment on the inside of the gates.

The FROG automation system can be fitted to new gateways or most pairs of existing gates that you may have. AGD Systems are able to visit your gateway to professionally ensure that the FROG automation system is the best possible solution for your requirement.



Ferni

Articulated Arm Gate Operator



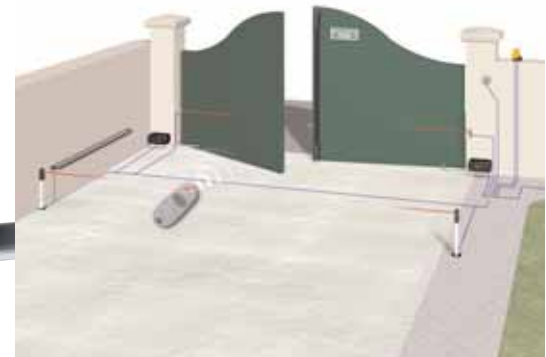
The FERNI articulated arm gate operator is designed to automate gates that are hung from large brick or stone pillars.

The FERNI can be operated by all the standard CAME accessories e.g. remote controls, push buttons, keypads etc.

In the eventuality of a power cut the FERNI has a lever operated manual release mechanism which is situated on the motor casing.

The simplicity of operation of a winding arm machine always ensures the fastest possible operating of the gate. A common application for the FERNI motor is a situation, such as a gateway directly on a main road, where the gates' opening time needs to be as quick as possible.

Undoubtedly, the FERNI proves to be the fastest and most versatile external electro-mechanical operator.



Ati

Worm Drive Gate Operator



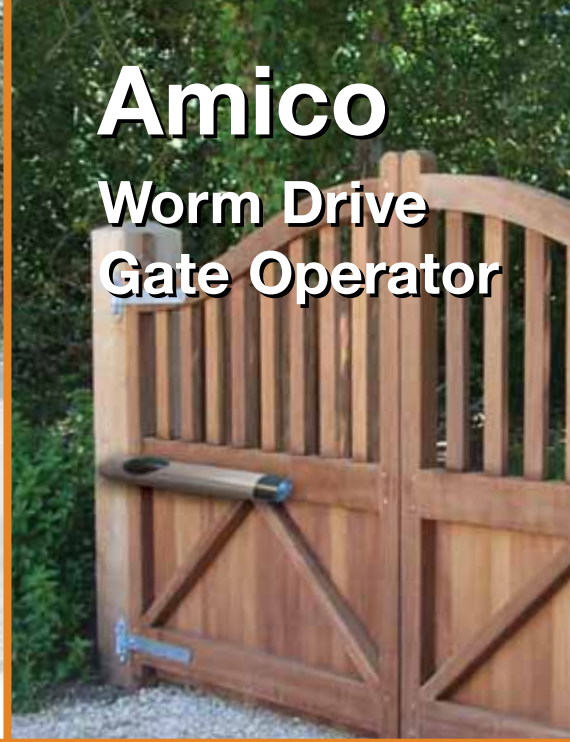
The ATI motors are extremely strong and able to cope with heavyweight gates. The strength of the ATI motor is achieved by the irreversibly geared worm drive mechanism. All the models can be operated by all the standard CAME accessories e.g. remote controls, push buttons, keypads etc. In the eventuality of a power cut the ATI machine has a key operated manual release mechanism.

A common application for the ATI series would be to operate a traditional five bar wooden gate. A situation in which the ATI series is very useful, is a pair of closed-in boarded gates in an exposed position, where the force of the wind will pose no problems to the strength of the ATI.

The ATI gate operator is a cost effective and efficient way of automating your gates.

Amico

Worm Drive Gate Operator



The new AMICO swing gate motor offers installers a great solution for gate automation.

The simple worm drive mechanism is convenient and reliable, capable of opening gate wings of 1.8 meters (about 5'11") weighing up to 200kg.

The AMICO combined with the ZL90 control panel meets UK safety laws in relation to power output of the gate.

This makes it easier to make a safe, compliant automated gate without the need for excessive additional accessories, helping to keep costs and installation time to a minimum.



Krono

Worm Drive Gate Operator



The KRONO kit is a complete system for a pair of swing gates up to 2.5m each leaf and is most commonly used in small hinge geometry situations.



The motors are worm driven and are very strong and provide very smooth operation. The 'KRONO' kit is a cost effective method of providing a complete automation system for small hinge geometry gates. The kit also comes with a comprehensive installation guide.



In the KRONO, all equipment is made of aluminium to ensure maximum sturdiness and compactness in the event of possible bumps.

Fast Articulated Arm Operator



The FAST articulated arm gate operator is designed to automate small gates that are hung from any type of pillars or posts. The new FAST kits are the easiest and quickest to install within the entire CAME range.

The FAST motor comes complete with an in-built control panel which makes the installation as simple as any machine available in the world.

The FAST operator will automate most lightweight gates up to 2.3m each leaf. The FAST can be operated by all the standard CAME accessories e.g. remote controls, push buttons, keypads etc. In the eventuality of a power cut the FAST has a lever operated manual release mechanism which is situated on the motor casing. The simplicity of operation of a winding arm machine always ensures the fastest possible operating of the gate.

There are two FAST kits - a kit for a single leaf gate and a FAST kit for a pair of gates.



BX/BK/BY Sliding Gate Automation Systems



The CAME range of electric sliding gate operators has a machine for every size of gate. Residential gates can be opened with the 'BX' or 'BXE' machines and commercial gateways with the 'BK' range or the 'BY 3500' series. The robust and reliable rack and pinion method of operation is very straightforward and can be used on metal or wooden gates.

The sophisticated electronic control panel can be programmed to accommodate timed auto-closure and partial opening to allow just pedestrian access and can accept wired low voltage signalling from the whole range of CAME accessories.

The installation of an electric sliding gate system is a little more involved than any other type of electric gate as it has to have more civil engineering done at the initial stage, but once the correct ground track and/or cantilever roller frames are installed, then the installation follows the same format as with other types of electric gates, continuing with the mechanical engineering stage of gate fabrication and gate mounting, followed by the final stage of electrical fixing and commissioning.



Accessories



Control Panels

All of CAME electric gate operating systems need a CAME control panel, not only to receive the mains electricity feed at the gateway but also to distribute the wiring to the motors and the particular switching devices all around the gateway.

All control panels, including the circuit board, the transformer and the capacitors, are housed in a tough, durable ABS plastic housing, which is weather rated to the international standard of IP54. This in turn we recommend should be mounted within an external housing to give it secondary protection against even the hardest of conditions.

Digital Keypads



The simple task of pressing a series of numbers into a metallic keypad situated at the gateway is a secure way to allow authorised friends, family or other "bonafide" visitors to enter through the electric gateway.

They will not need to carry any keys or cards and thereby will not run the risk of losing them. They are tamperproof and have secondary data information circuit boards which are installed away from the keypad itself; this means they cannot be forced open and the wiring short-circuited to open the gates.



The CAME range of keypads are finished in an attractive yet hard-wearing stainless steel finish.

Safety Photocells



CAME active infra-red safety beams are invisible to the naked eye, but can be transmitted from a 'DOC' transmitter up to 18 metres in outdoor conditions to a 'DOC' receiver. These represent an excellent form of positive "beam" protection around the gateway and on wing type gates they are normally installed in two sets, one just in front of the gate line and one just inside the arc-line of travel described by the swinging leaf of each gate. In this way, a safety zone will have been created, so that on the automatically timed closure of the electric gates, if a vehicle is still within the area of travel of the gates, it will prohibit the gates closing and furthermore, if a "beam" should be broken after the automatic closing has begun, it will re-open and hold the gateway open until the obstruction is clear.

Electric Lock



There are occasions when it is wise to install an electric latch to remove the possibility of damage to a long flexible gate, or to remove the stress and strains caused by pounding winds on closed boarded or similar types of "closed-in" gates. The electric latch has the mechanical capability to be released automatically by the control panel or by a key in the event of a power cut.

Radio Remote Controls



Traditionally, the whole essence of having electric gates is that the passage of the vehicle through the gateway is a pleasurable experience without the drudge of having to stop both sides of the gateway and get out of the vehicle twice, to open and close the gates. Our remote controls are not infra-red or ultrasonic, they are radio remote controls, eliminating the need to actually point them at the gates. They are set at the approved UK frequency of 433Mhz and are "state of the art". The remote controls are battery operated and will generally last for about a year in normal residential use. The range of distance from which the gates can be opened is normally never less than 50m (as long as the tuned antenna is fitted to maximise the reception).

Induction Loop



These devices are often referred to as "pads" in the road, but nothing could be further from the truth. They are in fact, made up of a roughly rectangular shaped wire loop, laid repeatedly around the rectangle to create a coil and then a miniature magnetic induction field is created above, so that when a metallic vehicle passes over this magnetic induction field, its presence is detected and throws a pulse switch to open the entrance. They are typically used on busy, accessible gateways to allow freedom of vehicle movement; sometimes for exit only, but sometimes loops are laid inside and outside to allow free entrance and exit. . Once installed, the sensitivity of the induction loops can be set to sense the types of anticipated vehicular traffic. Induction roadloops can sometimes be used in a "vehicle still present" mode to act as a safety device, as opposed to a switching device. Induction roadloops are often fitted in conjunction with other forms of switching.

Service Schemes

AGD Systems offer two competitively priced service schemes, ensuring that we are always available to our customers for services and maintenance back-up.



SCHEME 1

AGD Systems will visit your property twice during the scheme period. This scheme includes:

- 2 x Full service and maintenance checks where any faulty components can be repaired or replaced.
- The cost of all labour and consumables used for the service (excludes cost of parts).
- Highly recommended for gates that open 16 or more times per day.



SCHEME 2

AGD Systems will make one visit to your property during the scheme period.

- This scheme includes:
- Full service and maintenance checks where any faulty components can be repaired or replaced.
 - The cost of all labour and consumables used for the service (excludes cost of parts).

What Next?

The installation of electric gates is like any other project that involves practical work and must be carried out efficiently. The work involved must be undertaken in the correct stages with the necessary interim gap between, to allow for the natural "hardening-off" period of the concrete. Also in this period the actual "in-factory" fabrication work can take place. As a general rule, the sooner the first stage can take place the better. This then allows for the "hardening-off" period to be longer so ensuring the end result will be stronger. The work can normally all be completed within two days at stage one, then a gap of about ten days and then another consecutive three days at stages two and three. AGD Systems concentrate on the aim of carrying out our work swiftly and efficiently with a minimum of fuss, mess or bother so that the end result will go on to give many, many years of satisfactory service. Special arrangements can be made for urgent "pre-holiday" installations, overnight or bank holiday working, in fact whatever is required to ensure that our customers are served well.

Note: Before any civil engineering is carried out, please contact us for advice.

If you now feel you want to take your thinking a little further forward, please do not hesitate to contact us on 01933 229 123





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