Residential Auto-Gate Operators

Automated Gates Provide Increased Security and Convenience

The many advantages of automated gates are now widely recognised by residential users. They bring security against intruders, all-weather ease of operation and prestige.

However, while choosing the right gate for a situation is hard enough, the prospect of successfully navigating your way through the pros and cons of which automatic gate operator to choose can seem daunting to contemplate. We realise this, which is why we see it as our responsibility to guide you smoothly through the process. At Jacksons our gate automation specialists will talk you through the best operator to suit your gate and which devices you need, e.g. push button, remote control handsets, or audio entry systems.

At Jacksons we ensure your investment in automation works and that it is CE marked and complies with the EU Machinery Directive, which means the gate will not be a danger to you, your family or visitors.

Rear Mounted Swing Gate Operators:

Ideally suited to timber five bar gates up to a maximum of 4.5m wide per leaf or steel vertical bar gates up to 7m wide per leaf in residential and industrial applications.

Underground Operators: (electro-mechanical)

For installation below ground under each gate post, Underground Operators are ideally suited to solid timber gates, or courtyard gates up to a maximum of 4.5m each leaf. Designed for heavy residential and light commercial use, when maintenance is required, the operators can simply be removed from the foundation box without removing the gate.

We have detailed the various gate operators, access control options and additional safety devices available in the following two pages which will help your dream of having an automatic gate become a reality.

Hard-wired Audio Intercom: voice link between gate and a handset in a building featuring a release button for the gate. (available with or without keypad, flush or surface mounted).

Push Buttons: one way (open or close only) or two way versions (open and close).

Remote Key Fob: operates a device from a remote distance, range subject to proximity of buildings and atmospheric conditions.

GSM/Landline Audio Intercom: voice link between gate and building without cabling. Option of signalling via ex-directory landline or valid mobile phone SIM card. (1 - 1,000 users, with or without keypad, flush or surface mounted, various out-station finishes).

Key Pads: usually surface mounted with optional illuminated numbers. A PIN number type access control from a single user code to multiple user codes.

Hard-wired Video Intercom: voice and moving picture link between gate and a handset in a building featuring a release button for the gate (available with or without keypad, flush or surface mounted with handset and hands-free options).

Please note: we reserve the right to alter specification in line with our policy of continuous improvement.

Residential Auto-Gates
Access Control Options

Our access control systems provide the means to control the operation of our automated products, for example, to send a signal to open or close an automated gate or raise or lower a traffic barrier. These options are shown on these pages. In addition we can also offer a range of additional safety devices that will allow you to augment standard features or to tailor your automation and access control system to suit your application.

Ground Loops: these are cut into tarmac or concrete road surfaces to create an electro-magnetic field that will signal an action when a vehicle enters or exits from it.

Safety Edges: rubber strips with built in electronic sensors that will signal an action when in contact with a solid object.
Traffic Lights: a universal method of informing a driver when it is safe to proceed through a gate opening or over a road blocker.
Photo Cells: the 'magic eyes' will see an object or person and stop the gate hitting it.

Safety And The Law

When specifying new automated gates and barriers or the retro-fitting of automation to manual products, it should be noted that both the gate and its automation should be viewed holistically and that in combination, as a machine, they must comply with the legislation. All machines placed on the market in the European Union have a legal requirement to comply with the EU Machinery Directive is 2006-42-EC. In the UK this European law is implemented by The Supply of Machinery (Safety) Regulations 2008. This regulation requires all machines to meet a set of 'essential health and safety requirements' and to be CE marked as proof of compliance.

Jacksons Fencing operates a continuous product development programme to ensure the latest improvements to safety are incorporated into our products at the earliest opportunity and full compliance with prevailing legislation. Failure to exercise a duty of care in the specification, design, installation or operation of compliant automated gates may expose the specifier, client and site operator open to litigation in the event of an accident involving injury or damage to property. Jacksons automated gates and barriers meet with the essential health and safety requirements and are properly CE marked as required by law.

Additionally the products are designed and engineered to exceed the standards set out in BS EN 12978 and BS EN 12453 in relation to gate safety. Jacksons Fencing are an Automated Gate Safe Aware and D.H.F Installer.

Quality Guaranteed

Your Jacksons Auto-gate will be fitted by fully qualified Jacksons staff to ensure satisfactory working and a Gate Safe compliant installation. And rest assured, like all Jacksons products, Auto-gates are simply the best quality and most advanced components available. We are so confident we offer a 25 month guarantee on all parts and that even includes installation too, subject to a maintenance agreement being taken out. In addition you will have the equipment serviced at no charge.

Safety Notes - Please Read: If you are considering automating any existing gates, please ask for advice. For any Jacksons entrance or uni-gates to be fitted for automation, we insist that an extra heavy bottom rail across the width of the gate is fitted to cope with the forces and reduce the chance of twisting. It is also essential for any swing gates that are automated to be fitted with finger guards.