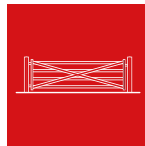
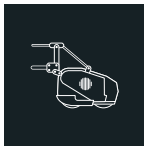
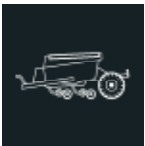




## ELECTRIC GATES

*Your site, secured.*





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# Introduction

## ***Weaving electric gates, where security meets convenience.***

Weaving has worked in the agricultural sector for over 40 years, so we understand the impact that rural crime can have on business. According to a recent survey undertaken by the NFU, rural crime is on the rise and is reported that break-ins were costing farmers on average £5,100. Compromised farm security can also result in losses beyond the financial, important as that is. Mental health can be considerably impacted, which is already a serious problem for those in the industry. As many victims of theft can testify, the most unsettling aspect of the experience is often the emotional impact – a sense of violation and vulnerability.

Gates are such a mainstay on farms that their power in creating a solid defence can go overlooked and underappreciated. The right electric gate can make a difference and protect against the threat of rural crime.



## **Mission Statement**

At Weaving Machinery, we build agricultural equipment with real farmers in mind. Our mission is to manufacture high-quality, low-disturbance farming machinery that allows our customers to maintain low crop establishment costs, while enhancing productivity and promoting optimal soil health. Through continuous innovation we aim to provide simple, affordable and effective equipment, that empowers farmers in the UK and globally to achieve their maximum potential.

Weaving Gates are designed to be robust and secure, yet user-friendly to operate, making site security simple. Each of our gates is equipped with features that make access control quick and simple and unique to you.

Weaving Gates are offered in both swing and sliding models to suit your site entrance and preferred look. Our gates are manufactured from high grade aluminium and are equipped with the latest safety features and technology as standard. Each gate can also be customised with enhanced features such as camera surveillance, solar panel operation and painted in a colour of your choice.

Our skilled team, situated in Worcestershire, can take care of all your needs from initial site survey and gate design, through to groundworks, delivery, installation and servicing, so that you know everything is taken care of.

We have installed electric gates in many environments across the UK including farm entrances, livery yards, distribution centres and self-storage units. Your needs are our priority.



## Why Choose Weaving

An effective relationship is built on trust and support, which is why selling you the best farm machinery is only the start of what we do. All of our new machinery is sold with a year's warranty, with on-hand support available from one of our skilled service technicians. We also maintain a stock of high-quality parts for all of our machines that provide longevity and effective performance, available on a same-day dispatch service.





## Electric Cantilever Sliding Gate

Smart, robust and secure gates with full automation, suitable for sites where a swing gate is not feasible due to space restrictions. These cantilever gates offer a cost effective solution to access control.

Our cantilever gates have zero ground tracking, making them ideal for site entrances where the road surface maybe uneven, this also makes them quieter than tracked gates and they require less maintenance.

Our cantilever gates have an internal roller mechanism to ensure smooth operation whether opened infrequently or multiple times daily.

The gates are made of high grade alluminium that offers outstanding durability and is corrosion resistant. The standard colour is RAL7015 (slate grey) but can be painted to your desired colour at an additional cost.

### Standard Specification:

High quality aluminium cantilever structure, equipped with mobile phone app (GSM) control, 6 safety edges, 4 safety photocells, 2 keypads and flashing lights as standard.

### Working Widths available:

OPENING WIDTH (M)	TOTAL WIDTH (M)
6 METRES	15 METRES
8 METRES	20 METRES
10 METRES	24 METRES
12 METRES	30 METRES

All systems come with a 2 year unlimited callout & repair guarantee provided it is not accident or vandal damage. For additional specification please see overleaf.

## Ground Track

Cantilever sliding gates are ideal for use where there may not be space for swing gates such as roadsides or where the ground may not be level such as agricultural/commercial sites. Due to the cantilever, no part of the gate comes into contact with the ground which allows for unaffected operation even with snow or loose debris on the ground. For residential areas, this also means a much quieter and smoother operation.



Ground Tracking



Construction/Materials

## Construction/Materials

High quality aluminium design painted in slate grey (RAL 7015) giving full rust resistance and ensures a long lasting life. Alternative paint options are available upon request. All of our hardware used on the gates are provided by tried and tested manufacturers including FAAC providing you with the assurance of the quality expected with our products.

## Safety

Rubber safety edges and photocells are installed as a safety feature that will stop the motor when resistance is applied or an obstruction to the gate is present. Gates are tested to UK Health & Safety regulations and Machines Directive.



Safety







## Electric Swing Gate

Smart and aesthetically pleasing electric swing gates to control access on your front drive. Our fully-automated electric swing gates have a 5-bar gate design style for a classic look. The motors are hidden underground to add to the aesthetics.

Our swing gates have zero ground tracking, making them ideal for site entrances where the road surface maybe uneven, this also makes them quieter than tracked gates and they require less maintenance.

All swing gates are installed with a GSM controller that is operated from your smartphone. This allows you to select who has access and set opening and closing times. Further access functions are available as additional features.

The gates are made of high grade steel that offers outstanding durability and corrosion resistance. The standard colour is RAL7005 (satin black) but can be painted to your desired colour at an additional cost.

### Standard Specification:

High quality steel structure, Mobile phone app (GSM) control (customer to provide SIM card), 4 safety photocells, 2 keypads, Maglock, Standard satin black colour (RAL 9005), Tested to health & safety regulations and complies with Machines Directive EN13241.

### Working Widths available:

OPENING WIDTH
12 FOOT
15 FOOT
20 FOOT

All systems come with a 2 year unlimited callout & repair guarantee provided it is not accident or vandal damage. For additional specification please see overleaf.

## Operation

Swinging gates are ideal for residential areas and front driveways where aesthetics are key. The motors, hidden underground, are IP67 protection rated meaning that they offer one of the highest levels of protection including immersion in water up to one metre. A maglock is installed to connect the 2 leaves of the gate when closed, this prevents unwanted movement in strong winds and potential entry by force.



Operation



Construction/Materials

## Safety

The motors feature obstacle detection along with a built-in centre stop, not requiring a physical, unsightly centre stop. The gates also feature 2 pairs of safety photocells that use an infrared beam which when broken by a vehicle or pedestrian, stops the gates from opening/closing further. Our gates are tested to UK Health & Safety regulations and Machines Directive standard.

## Safety

Designed and built at our Evesham site, these swinging gates are finished to an uncompromised standard. Painted in satin black (RAL 9005) to give rust resistance and ensure a long-lasting life. Alternative paint options are available upon request. Hardware installed on these gates is provided by quality assured manufacturers, such as FAAC, to ensure our products meet your expectation.



Construction/Materials





## Electric Barriers

Smart and aesthetic car park barriers with full automation. These barriers have compact dimensions for a neat installation on any size entrance with an up to 5m width boom. Each barrier is installed with a round beam, a fork support and safety photocells. The rectangular beam with folding skirt (pictured) is available as an optional extra.

The barriers come with GSM control with smart phone operation allowing you to select who has access and the opening and closing times. Additional features such as entry and exit ground loops are also available.

The control body is painted in RAL3020 (Traffic Red), and each boom has an illuminated beam for good visibility in all daylight and weather conditions. A traffic light beam can be installed on the top of the body as an additional control measure.

The barrier has a less than 2 second opening time and due to 24V technology, this barrier is suitable for continuous use daily and will not overheat.

Barriers are connected to mains electricity but can be connect to a solar voltaic panel and/or a back up battery.

### Standard Specification:

High quality barrier (up to 5 metres) and control unit, round beam with illuminated strip, mobile phone app (GSM) control (customer to provide SIM card), fork support, 2 safety photocells, 2 safety edges, keypad and LED light, painted in traffic red colour (RAL 3020).

### Working Widths available:

MODEL	BEAM MAX LENGTH	APPROX OPENING TIME	USE FREQUENCY
BARRIER B614	5 METRES	2 SECONDS	CONTINUOUS

All systems come with a 2 year unlimited callout & repair guarantee provided it is not accident or vandal damage. For additional specification please see overleaf. Other non-standard specification barriers available subject to order.

## Maximum anti-crushing safety

A 24V motor with an integrated encoder provides a high degree of motion control and allows the reverse on obstacle safety standards to be met.



Maximum anti-crushing



Beams

## Beams

The beams, fitted with a rubber anti-impact profile, are available in both rectangular and rounded versions. Optional reflective stickers and LED lighting along the entire length of the beam (rounded or rectangular) make it easy to see even in conditions of poor visibility.

## Robust, reliable, high performance

The exclusive use of high quality components and materials makes the B614 a robust and reliable operator. A quadrilateral lever system with two reduction stages makes beam movement even smoother.



Robust, reliable, high performance





# Key Features

# All gates and barriers

## GSM Controller

Access to the gate can be provided in numerous ways. As standard our gates are compatible with a mobile phone app that requires you to register phone numbers of the persons you would like to give access. Any other numbers that may call the gate will not gain access without being registered. Keypads are installed to our gates as standard as an alternative, raised posts designed for lorries are available upon request.



GSM Controller



Access Control

## Access Control

Keypads are installed as standard providing a simple means of access. A raised height post is available to mount the keypad on for taller vehicles to gain access without leaving the cab. A GSM intercom uses a sim card to dial either a landline or mobile phone. This allows the visitor to speak with relevant persons to gain access. Each gate has a preinstalled receiver for radio fobs.

## Accreditation

Our gate technicians are accredited under the Door & Hardware Federation. The aim of DHF is to raise quality and safety standards in the design, manufacture, installation and maintenance of automated gates and barriers. This can reassure customers that they are using products of the highest quality that conform with the latest legislation and safety standards.



Accreditation



## Security Fencing

Secure your whole site with perimeter security fencing. We use pre-galvanised and powder coated rust-resistant wire panels that give a clean aesthetic look for years to come. Fitted using vandal resistant security fixings, this fencing offers an increased level of security which cannot be achieved with traditional fencing methods. Panels are moss green (RAL 6005) as standard, additional colours available upon request.



Security Fencing



Security Cameras

## Security Camera

For secluded areas or sites that experience a lot of traffic, CCTV cameras are a worthwhile security investment. The cameras provide remote viewing through your smart phone, where you will receive notifications when motion is detected. These PTZ (pan, tilt & zoom) cameras can track and follow subjects as motion is detected making them useful for expansive spaces that cannot typically be covered by a single camera.

## Solar Panel Operation

Typically implemented where mains electricity is not practically or financially feasible. Depending on the size of gate and approximate operations it will perform in a day, a number of solar panels can be fixed to a frame with a self contained cabinet that the deep cycle batteries are stored in. These batteries are capable of storing multiple days worth of operation depending on the time of year and the weather.



Solar Panel Operation



## Groundworks

Our experienced installation team will carry out groundworks in preparation for installation of the gate. They will carry out all preparation apart from bringing electricity to the gate. This should be carried out by a qualified electrician. Spoil will be left local to the holes dug and the customer will be responsible for disposal of spoil as well as checking for services in and around the gate prior to installation.

## Additional Keypad

Keypads allow entry using a 4 digit passcode. Additional keypads available upon request.

## Remote Control (Fob)

Remote control keyfob for opening and closing the gate. Additional remote controls available upon request.

## GSM Intercom

With GSM comes freedom: answer calls and allow entry from your gate from any telephone number including your mobile.

## Entry/Exit Loop

Loop detectors can be installed on driveways to automatically open the gate when vehicles approach the entry or exit.

## Painted to Order

Our gates as standard are supplied in a grey colour (RAL 7015). Other colour options are available upon request. Note: barriers cannot be painted to order.

## Dual Height Post for Keypad

A post is provided and installed for additional keypads and intercoms.

## Folding Skirts for Barriers

A bottom skirt can be added to rectangular beams which makes the barrier beam more visible yet lifts and folds away as the barrier rises.

## Traffic Light for Barriers

A bottom skirt can be added to rectangular beams which makes the barrier beam more visible yet lifts and folds away as the barrier rises.



## Maintenance for Reliability and Safety

Regular maintenance of your electric swing gate or sliding gate is essential to ensure optimal functionality and performance as well as maximizing its lifespan. It also key to ensuring compliance with Health & Safety standards.

Our maintenance inspection include:

- checking the functionality of the safety devices: anti-crush forces, safety photocells, safety edges and motor encoders.
- testing smooth operation of the gate, tension within the gate, smooth, unhindered running of the rollers, condition and functionality of all gate fixings.
- lubricating any moving parts such as motor arms and hinges.
- testing the electrical connectivity of the gate and all electrical components including solar panels and security cameras.

## How often should electric gates and barriers be serviced?

This will depend on many factors but mostly frequency of use. For gates lightly used, an annual service is recommended and for more frequently used gates, a six-monthly service is recommended. All maintenance inspections of our gates adhere to the Code of Practice for the Design, Manufacture, Installation and Maintenance of Automated Gates and Traffic Barriers (DHF-TS 011:2019).





Weaving Machinery offer packaged service plans for all electric gate installations. You can choose **GOLD**, **SILVER** or **BRONZE** service plans to suit your budget.

### **GOLD Service Plan**

6-monthly maintenance inspections with full service. Supply and installation of replacement hardware at the recommendation of our qualified Service Technician.

*Response time to call outs and breakdowns: 1 business day.*



### **SILVER Service Plan**

Annual maintenance inspection with full service. Supply and installation of replacement hardware at the recommendation of our qualified Service Technician.

*Response time to call outs and breakdowns: 2 business days.*



### **BRONZE Service Plan**

Annual maintenance inspection with full service. Replacement hardware is chargeable.

*Response time to call outs and breakdowns: 3 business days.*



Please speak to our team to find out more about our service plan prices.

# What our customers say

## Martyn, Kains Park Storage

*“We had an electric cantilever gate installed at our secure storage facility by Weaving in 2017 and we are very pleased with it. The access controls on the gate allow our customers to come and go with minimal fuss, whilst being able to maintain complete protection and peace of mind. Ian and his team have been very efficient when attending to our servicing needs.”*

## Nick Morgan, Collins Design and Build Ltd

*“Collins Design and Build Ltd have been using Weaving Machinery to supply and install electric sliding gates on our projects for many years now. We find the product to be second to none, without a doubt the best value for money product in that market. The Installations Manager Ian is extremely obliging and easy to deal with and the installations team seem to do their job effortlessly. We would sincerely recommend Weaving Machinery to anyone with a requirement for an electric powered sliding gate.”*

## Emlyn Evans, Squab Storage Ltd

*“We market the importance of security at all of our storage sites and the electric gate is one of the first security elements that our customers see. It has been crucial to find a supplier, such as Weaving’s, that can provide us with a gate which is secure, works with our existing access control systems and is backed up with strong customer service.”*





E F WEAVING LTD | CHADBURY | EVESHAM | WORCESTERSHIRE | WR11 4TX

**T: (+44) 01386 49155**

**WWW.WEAVING-MACHINERY.COM | INFO@WEAVINGMACHINERY.NET**

