



Genwork Ltd

PART OF THE BACHE GROUP

Genwork Fencing Cantilever Gates

The weakest/most venerable element of any Security Perimeter is the entrance, it is therefore vital that the means of entry is well thought out and that the Gate offers both ease of entry and an effective security barrier when necessary. High security applications demand high performance solutions. Genworks' Security Swing Gates, with their robust design delivers this and more besides. We can offer advice on product selection and specification to fully integrate your Gate with the rest of your security. Genwork only offer products of the highest quality and fully approved installers should you wish us to take care of the whole project. We are able to offer a wide variety of manual swing gates along with automation kits for both new and existing gates as well as Sliding Gates and Cantilever Gates with full automation and entry control.

If you need anymore information about the gates that we can offer please contact us.

Cantilever Gates

Robusta cantilever sliding gates - offer high durability and security.

Benefits

- High durability and security
- Integrates perfectly with all fence types
- Construction ensures high strength
- Automation and access control options
- Available in a wide range of colours and sizes

Application

- Use with all security fencing systems
- Welded structure
- Provided with a cylinder lock (for manual gates)
- Security topping optional for all heights
- Two sets of rolls in the underbeam for horizontal and vertical guiding
- Some types of gates have a roll to support the gate in open condition

Guidance of the gate

- Guiding posts and end posts with welded ground plates
- The guiding posts have 2 guiding rolls at the top and an integrated baseplate
- Special guiding posts with integrated electronics are used for motorisation
- The end posts of the non motorised gate have a lock system integrated

Tension system

An aesthetical tensioning system integrated in the frame guarantees a perfect line of the gate.

Motorisation and Access Control

Full motorisation packages and Access Control fully integrated with your existing site security gives a full security solution.

Colours

Green RAL 6005 - Grey RAL 7030.
Other colours: on request.



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Genwork Fencing Manual Swing Gates

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Manual Swing Gates

Single and Double Leaf Swing Gates - with a tube or mesh infill

Benefits

- Tube infill provides a cost effective solution
- Fully adjustable rear hung hinges to prevent tampering
- Lockable ground bolts and anti-lift brackets
- Standard gates open inwards
- Slide bar or mortice lock option
- Available in a wide range of colours and sizes

Application

For use with Mesh Fencing security fencing systems.

Locking system

- Consealed mortice lock fitted within the inside of the gate frame complete with interlocking slam plates. Handle or key operated.
- Slip latch option available
- Slip latch cover plate option available
- Slip latch shroud option available

Features

- Fully adjustable hinges, rear hung to prevent tampering
- Lockable ground bolts or single and double leaf gates. Antilift brackets on double leaf gates
- Standard gate is inward opening
- All gates are supplied with free standing posts
- Optional serrated topping to deter climbing

All gates are supplied complete with instructions for assembly and erection.

Important : please see Gate technical sheet in order to specify gates correctly.



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Genwork Fencing Manual Swing Gates

Our range

Style	Height	Width	Opening
Gate - Tube Infill	1.8m 2.0m 2.4m	Single Leaf 1.2m Double Leaf 4.0m Double Leaf 6.0m	Right hand opening Left hand opening
Gate - Standard Mesh Infill	1.8m 2.0m 2.4m	Single Leaf 1.2m Double Leaf 4.0m Double Leaf 6.0m	Right hand opening Left hand opening
Gate - Securifor Mesh Infill	1.8m 2.0m 2.4m	Single Leaf 1.2m Double Leaf 4.0m Double Leaf 6.0m	Right hand opening Left hand opening





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Genwork Fencing Swing Gate Automation

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Swing Gate Automation

The Vector Automation Kit - for both New and Existing Gates!

The Vector Kit is supplied complete with 2 Operator Arms, Motor, Programmable Fobs, Anti Crush control, Safe Battery back up and complete installation kits. Supplied as a boxed kit it really could not be simpler.

The VECTOR automation system is the all-round winner for swing gates. It's linear operating principle with internal position control makes the system quick and easy to install. Its revolutionary mechanical design ensures a swift, powerful and reliable operator for the majority of domestic and light industrial gates. The low- voltage motor provides safe operation and battery back-up. The advanced controller is feature-rich and the set-up and commissioning is child's play.

LowProfile In-line Design

The VECTOR has a low profile design with in-line construction of the motor, gearbox and actuating piston. This enhances the aesthetic appearance of the operator allowing it to blend in as unobtrusively as possible with the design of the gate.

Easy to install

The fully integrated linear action operator with no complicated linkages makes the installation of the system very quick and easy. Added to this, the internal position-control mechanism simplifies the installation even further, as the gates no longer require end-of-travel end-stops*. Combined with different optional mounting bracket kits, VECTOR can be fitted to almost any swing gate pillar.

High Push Force

The high torque DC motor operating through an efficient planetary gearbox delivers a potent 300kg of push force . The VECTOR is capable of reliably operating swing gates in the majority of domestic and light industrial applications.

Revolutionary Brake

The revolutionary centrifugal brake developed for the VECTOR ensures secure locking of the operator when the gate is both open and closed.

Internal Limits

Its double-redundant opto-electronic internal limit system guarantees very reliable operation and precise control of the movement of the gate.

Full Speed Control

The VECTOR electronics with "QUADRA-DRIVE" speed control maintains a smooth and quiet starting and stopping of the gate, thereby reducing the operating stresses and extending the life of both the operator and the gate.



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Genwork Fencing Swing Gate Automation

Swift Operation

The mechanical gearing of the VECTOR combined with its leading-edge speed system maintains rapid and controlled opening and closing of the gate for greater convenience and security.

Safe Battery Back-Up

With only a low-voltage battery supply powering the VECTOR operator, the system is totally safe from risks such as electrocution, and has the added benefit of providing power-failure protection. The added efficiency of the operator results in an exceptional number of uses even off a low-capacity battery in the event of mains-loss.

Sensitive Anti-Crushing Control

The VECTOR controller accurately monitors any obstructions to the movement of the gate to ensure ultra-safe operation against crushing and end-user peace of mind.

Secure Key Release

The manual override is operated by an easily accessible key-lock. To reduce the ingress of dust and dirt into the lock mechanism, the lock is shielded by a plastic cover

All Weather Construction

All external components of the operator are manufactured from stainless steel, epoxy coated aluminium or engineering polymers, to guarantee a robust and durable unit in both inland and coastal environments.

Easy to use

The VECTOR controller combined with its Liquid Crystal Display (LCD) provides a very intuitive and easy to use menu-system for programming, not only the initial set-up, but all features available on the system. Offering an extensive range of useful features the controller is exceptionally versatile and has the ability to adapt the system to suit the requirements of almost every user.



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