



**ALUMINIUM GATES
SCOTLAND**



**COMMERCIAL
PERIMETER
SOLUTIONS**

AUTOMATIC SWING GATES



Automatic or Manual Swing Gates

Automatic Swing Gates have been designed where a wide opening is needed. This is of huge benefit when sites need to allow passage of vehicles with a large turning circle or have to allow smaller vehicles into tight spaces.

For the size of these gates they have been designed to open and close quickly but safely. They operate in such a way that ensures a fast throughput of traffic whilst maintaining sites security.

We manufacture these gates to seamlessly form part of the existing perimeter fence Line. A wide range of Infills can be made to fit the leaves so flexibility in design is also an added benefit. Another benefit is that the gates are fully assembled and cut the time down needed to close the entrance/exit on installation.

Our Automatic Swing Gates comply with BS/EN 12453 (ALL automated gates must comply with the current legislation).

We fit as standard a number of safety devices, including dual height photocells (active on open and closing) and category 3 safety edges to protect users from harm. All our automated range runs off an intelligent Feig Control Panel. It allows the gates to run safely and smoothly whilst being reliable. The advantages are unsurpassed as complicated airlock systems are now not just a "specialist" costly phase of works.

CAD Drawings
provided as
standard



Tech Support
is available on
demand as well
as optional site
surveys



PLUG & PLAY
INSTALLATION

100% Duty - 100% Quality

Our gates have been designed to last using the best materials and components that we can buy. As with all our products they are 100% Duty Cycle



ABSOLUTE CONTROL

Our Swing Gates feature a Feig control panel that is far more advanced for safety and motion than its rivals. Now even a system that was complex can easily be set up with minimal programming on site.

AUTOMATIC SWING GATES

PC-ASG-SL/DL

Gate Speed

8 to 14 Seconds

(Speed WILL vary dependant upon gate size/Infill etc)

Duty Cycle

100% Heavy Industrial Usage

Suitable for Indoor & Outdoor Usage

Specification

CE Approved, TUV Approved

Power Requirements

Single Phase 240V 50Hz 10 Amps

Colours

All RAL Colours Available

(Non Standard RAL's Optional Cost)

Maximum Span Dimensions

10m Clear Drive Through Opening (Double Leaf)

Maximum Height Dimensions

2.4 Metres (Max Width 10m Double Leaf)

3.0 Metres (Max Width 6m Double Leaf)

Material Construction

Steel Construction of Gate Leaf and Main Tower

All Components are Galvanised OR Zinc Plated Steel

Unit Weight

595Kg Approx

(dependant upon gates size and infill type)

*All gates are bespoke and manufactured to order.

ADVANTAGES

Ease of installation

Low maintenance

100% Access Control compat

Fast operating gates

Fire Alarm Input pre-configured

Designed and built to last

Easy to use for end users

OPTIONAL EXTRAS

Razor Wire Extensions

Electric Fence

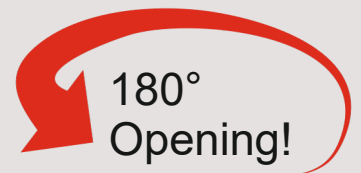
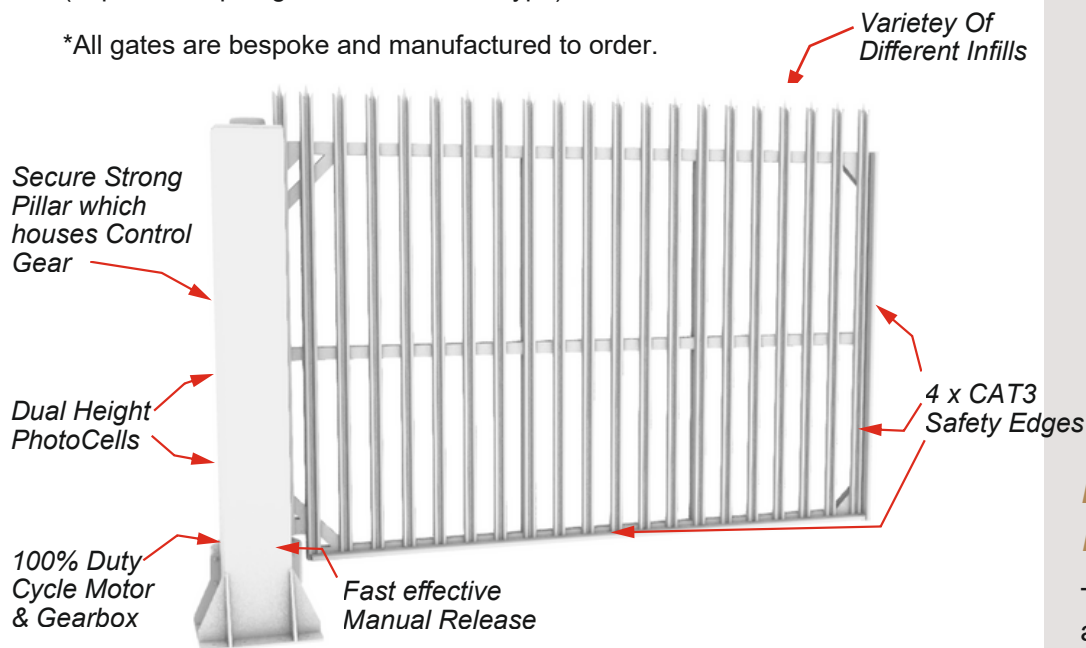
Anti-Climb Spikes

Traffic Lights

Warning Siren

Timber Infills

Louvre Infills

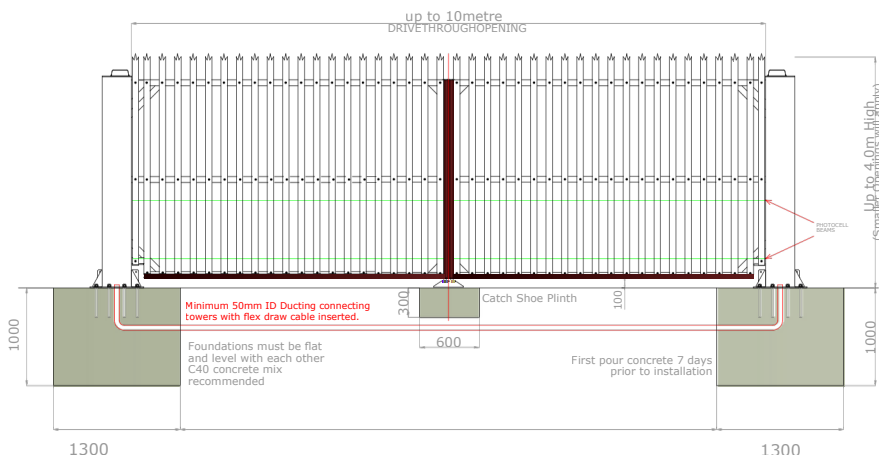


EASY & FAST INSTALL

The gates come ready assembled "Plug & Play" ready to bolt down. Level and line then simply connect mains & access control, test and leave site.

SAFE & SMOOTH

The Swing Gates have a Strong Integrated 3 Phase motor & Gearbox. All the drive mechanisms are hidden within the secure tower. Safety & reliability are second to none.



AUTOMATIC/MANUAL SLIDING GATES



Automatic and Manual Cantilever Sliding Gates

Our Automatic Cantilever Sliding Gates comply with BS/EN 12453. The gate portal is fitted with dual height photocells and 6 category 3 monitored live safety edges.

The gate is controlled by a purpose made German Feig control panel, single phase supply, via an integrated frequency converter controlled output to a 3 phase motor. This can be configured very easily for all the standard program modes including no passage time outs & free exit and entry loops to name a few.

As standard the control panel can accommodate pedestrian open signals, airlock systems and much more. The gate's movement is controlled via a rack and pinion system monitored by an encoder. This allows for a precise and controlled operation that is robust and dependable.

Our gates are delivered on a vehicle equipped with a crane, fully assembled, ready to bolt down continuing our "plug & play" ethos. This minimises disruption on site and ensures a smooth, quick and easy installation.

We have developed the gate using aluminum construction with its obvious anti-corrosion properties/strength and longevity in mind. Trusted by many in the industry as the ultimate sliding gate it can be clad with a HUGE range of infills to suit the existing perimeter fence line.



ABSOLUTE CONTROL

Our PC600 Auto Sliding Gates feature a Feig control panel that is far more advanced for safety and motion than its rivals.

AUTOMATIC/MANUAL SLIDING GATES

Gate Speed

3to6 Seconds Per Metre
(Speed WILL vary dependant upon gate size/Infill etc)

Duty Cycle

100%Heavy Industrial Usage
Suitablefor Indoor&Outdoor Usage

Specification

CE Approved,TUV Approved

Power Requirements

SinglePhase240v50Hz 10 Amps

Colours

AllRALColours Available
(NonStandard RAL'sOptionalCost)

Maximum Span Dimensions

10m Clear Drive Through Opening

Maximum Height Dimensions

2.4 Metres (Max Width 10m)

3.0 Metres (Max Width 8m)

Material Construction

AluminiumConstructionof Gate Leaf and Main Tower
TowerTop/Base plate Wheel Carriages Zinc Plated Steel

Unit Weight

660Kg Approx
(dependant upon gates size and infill type)

*All gates are bespoke and manufactured to order.

Detailed Layout
Drawings Provided



Tech Support
provided and FREE



*Easy to Use
Manual Release*



*Six Category 3
Safety Edges*

Advanced Rolling Gear

STANDARD SPEC ADDED BENEFITS

Ease of installation
Low maintenance
99.9% Access Control compat
Pedestrian input as standard
Fire Alarm Input pre-configured
Designed and built to last
Easy to use for end users

OPTIONAL EXTRAS

Razor Wire Extensions
Electric Fence
Anti-Climb Spikes
Traffic Lights Warning
Siren Timber Infills
Louvre Infills

BI-FOLDING GATES



**Automatic or Manual Bi-Fold Gates.
Built to Last & Easy to Install.
High Security and Reliable Equipment.**

Trackless Bi-Folding Speed Gates have been designed where opening space is a limited. Benefits continue in this product, as the area they use to open is approx 40% less due to the leaves folding into themselves.

A “goto” choice for busy sites exits and entrances due to their speed. Bi-Folding gates typically open at more than twice the speed of traditional swinging gates of the same size. They operate in such a way that ensures a fast throughput of traffic whilst maintaining sites security.

We manufacture these gates to seamlessly form part of the existing perimeter fence Line. A wide range of Infills can be made to fit the leaves so flexibility in design is also and added benefit. Another benefit is that the gates are fully assembled and cut the time down needed to close the entrance/exit.

Detailed
Layout
Drawings
Provided



Our Bi-Folding Gates comply with BS/EN 12453 (ALL automated gates must comply with the current legislation).

We fit as standard a number of safety devices, including dual height photocells (active on open and closing) and category 3 safety edges to protect users from harm.

All our automated range runs off an intelligent Feig Control Panel. It allows the gates to run safely and smoothly whilst being reliable. The advantages are unsurpassed as complicated airlock systems are now not just a “specialist” costly phase of works.

Tech Support
is available on
demand as well
as optional site
surveys



**100% Duty - 100%
Quality**

Our gates have been designed to last using the best materials and components that we can buy. As with all our products they are 100% Duty Cycle



**ABSOLUTE
CONTROL**

Our Bi-Folding Gates feature a Feig control panel that is far more advanced for safety and motion than its rivals. Now even a system that was complex can easily be set up with minimal programming on site.

BI-FOLDING GATES

Gate Speed

3 to 8 Seconds (Speed WILL vary dependant upon gate size/Infill etc)

Duty Cycle

100% Heavy Industrial Usage Suitable for Indoor & Outdoor Usage

Specification CE Approved, TUV Approved **Power Requirements** Single Phase 240v 50Hz 10 Amps

Colours

All RAL Colours Available (Non Standard RAL's Optional Cost)

Maximum Span Dimensions 10m Clear Drive

Through Opening **Maximum Height Dimensions**

2.4 Metres (Max Width 10m) 3.0 Metres (Max Width 6m)

Material Construction

Steel Construction of Gate Leaf and Main Tower All Components are Galvanised OR Zinc Plated Steel

Unit Weight

595Kg Approx (dependant upon gates size and infill type)

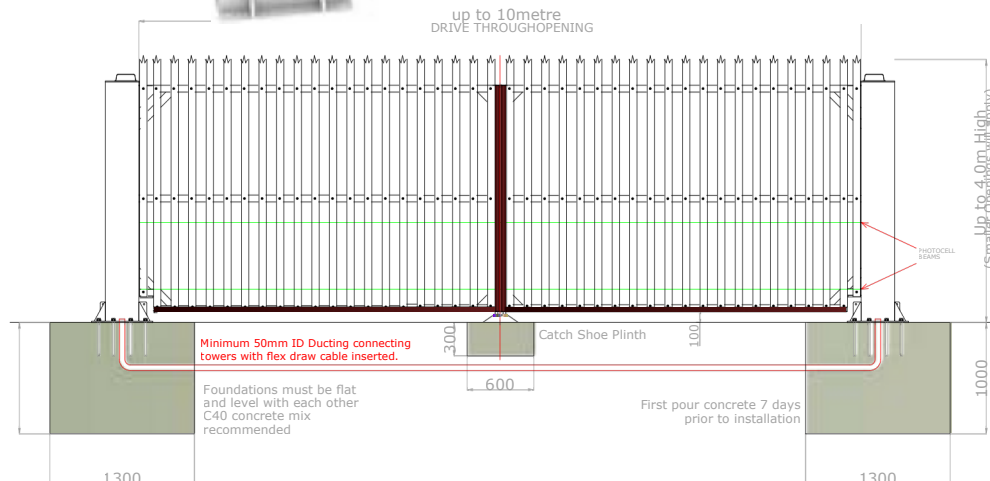
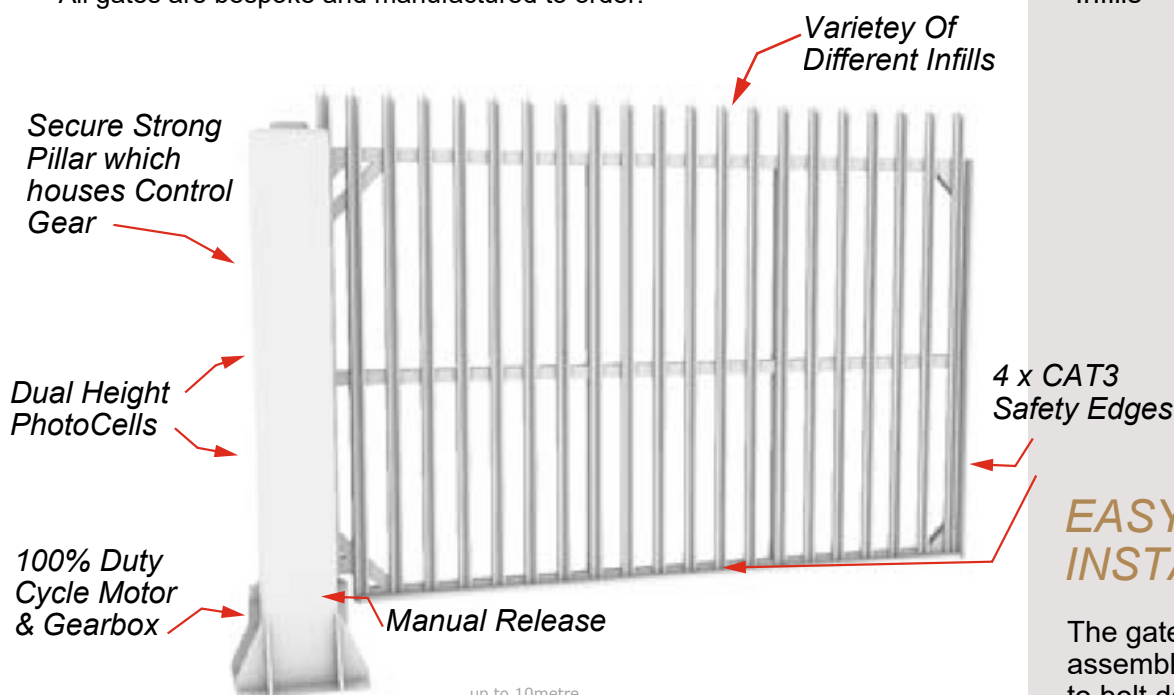
*All gates are bespoke and manufactured to order.

ADVANTAGES

Ease of installation
Low maintenance 100%
Access Control compat Fast
operating gates Fire Alarm
Input pre-configured Designed
and built to last Easy to use for
end users

OPTIONAL EXTRAS

Razor Wire Extensions
Electric Fence Anti-
Climb Spikes Traffic
Lights Warning Siren
Timber Infills Louvre
Infills



EASY & FAST INSTALL

The gates come ready assembled "Plug & Play" ready to bolt down. Level and line then simply connect mains & access control, test and leave site.

SAFE & SMOOTH

The Bi-Fold Gates have a Strong Integrated 3 Phase motor & Gearbox. All the drive mechanisms are hidden within the secure tower. Safety & reliability are second to none.

DOUBLE FULL-HEIGHT TURNSTILE



Key Information

Products Specifications

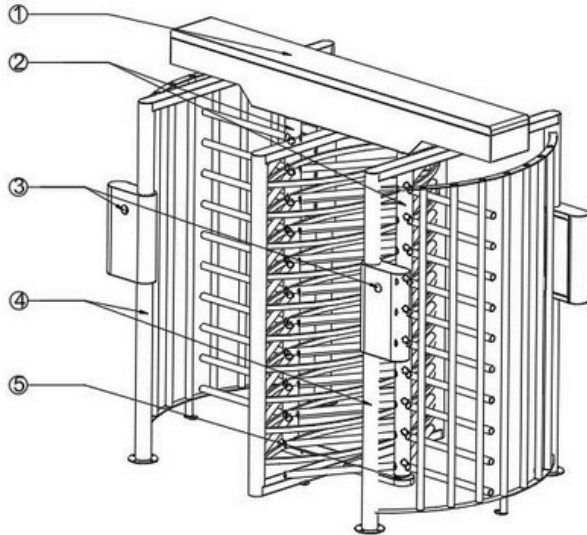
- **Frame Material:** 304 stainless steel with powder coating
- **Frame Finish:** Powder-coated black or green (standard)
- **Lighting:** LED downlights and directional lights included
- **Access Control:** Integrated card reader housing provided

Technical Specifications

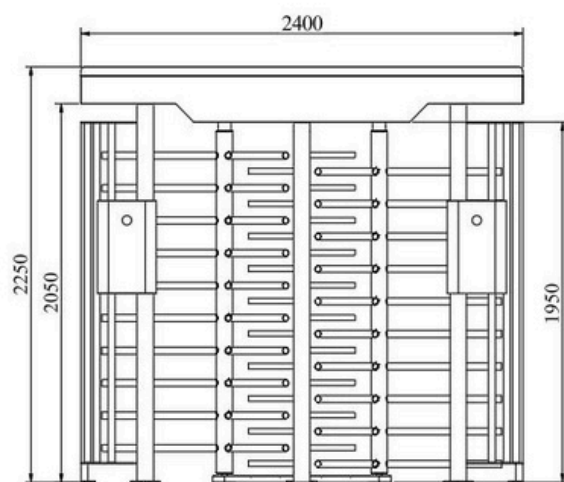
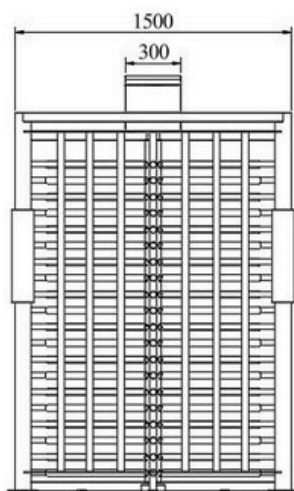
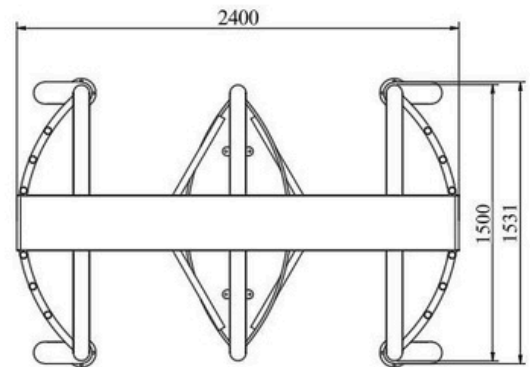
- **Dimensions (Double Type):** 2400 × 1500 × 2250 mm (7.87 × 4.92 × 7.38 ft)
- **Arm Length:** 600 mm (1.97 ft)
- **Passage Height:** 1950 mm (2.13 ft)
- **Mechanism:** Mold mechanism with hydraulic damper
- **Drive:** Semi-automatic rotor gate with solenoid
- **Operation Voltage:** DC 24V
- **Power Supply:** 100–240V, 50/60Hz
- **Control Signal:** Passive relay (dry contact)
- **Communication:** RS232 / RS485
- **Working Direction:** Bi-directional (standard) or unidirectional
- **Fire/Emergency Mode:** Free entry/exit (standard); optional lock/free mode
- **Operating Temperature:** -40°C to +60°C
- **Environment:** Suitable for indoor & outdoor use
- **Anti-Passback:** Locks at 60° to prevent reverse turning
- **Controller:** LCD display

DOUBLE FULL-HEIGHT TURNSTILE

Dimensions of Double Lane Type



- ① Top casing with control mechanism
- ② Rotor
- ③ Lane Status Indicator
- ④ Access way wall
- ⑤ Base



STANDARD MANUAL BARRIER



Manual Raise Arm Barriers are used to manually control access to entrances ways and car parks most commonly. They are a simple, economic yet strong way of deterring unauthorised access. They also can be used to inhibit access to areas when deliveries are being made as one of many examples. They are a very versatile product which are easy and quick to install.

Due to our new and refined solution using Gas Assisted Dampers the use of the barrier is simpler now than ever. It can be used consistently during the day without effort and duress on the user. Importantly the barrier is safer and more compliant to Install and operate as we have done away with the old fashioned counterweights. "Cost Effective plug & play Installation" 1 engineer can safely install this on their own, rather than sending 2 engineers to site, saving money and maximising profit.

It has been redesigned with the user in mind. Ergonomic grip handles make it a pleasure to operate. It is a ONE handed movement to use with the assistance from the gas dampers. It is effortlessly locked in the open and close secured with a padlock provided. A lockable end rest is also supplied with the kit, this can be replaced as an extra with an adjustable height collapsable Pogo tip support.



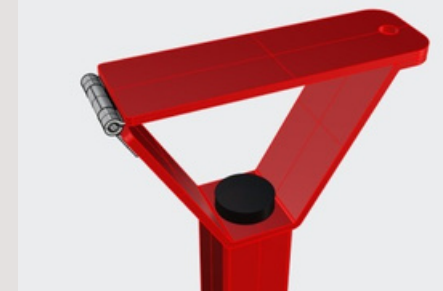
SAFE & SMOOTH

The manual barrier has a smooth controlled operation which vastly reduces fatigue of the operator. It has 2 Gas struts for stability and security



EASY & FAST INSTALL

The barrier comes ready assembled "Plug & Play" ready to bolt down. Level and line then simply fit & secure the pole. Test and leave site.



OPTIONAL EXTRAS

- Pogo Stick Supports
- Stop Signs
- No Entry Signs
- Lorry Height Sign Bracket
- Custom RAL Colours
- Custom Branding

STANDARD MANUAL BARRIER

Specification

CE Approved

Maximum Span Dimensions

7.0m plain pole only

Finish

Polyester Powder Coated

Material Construction

Steel & Aluminium

Gas Springs

2offAdjustable

Unit Weight

Pedestal, and pole arm: 56Kg

Dimensions

Pedestal: 1110mm x 444mm x 300mm

Pole: 96mm Round

Handing Options

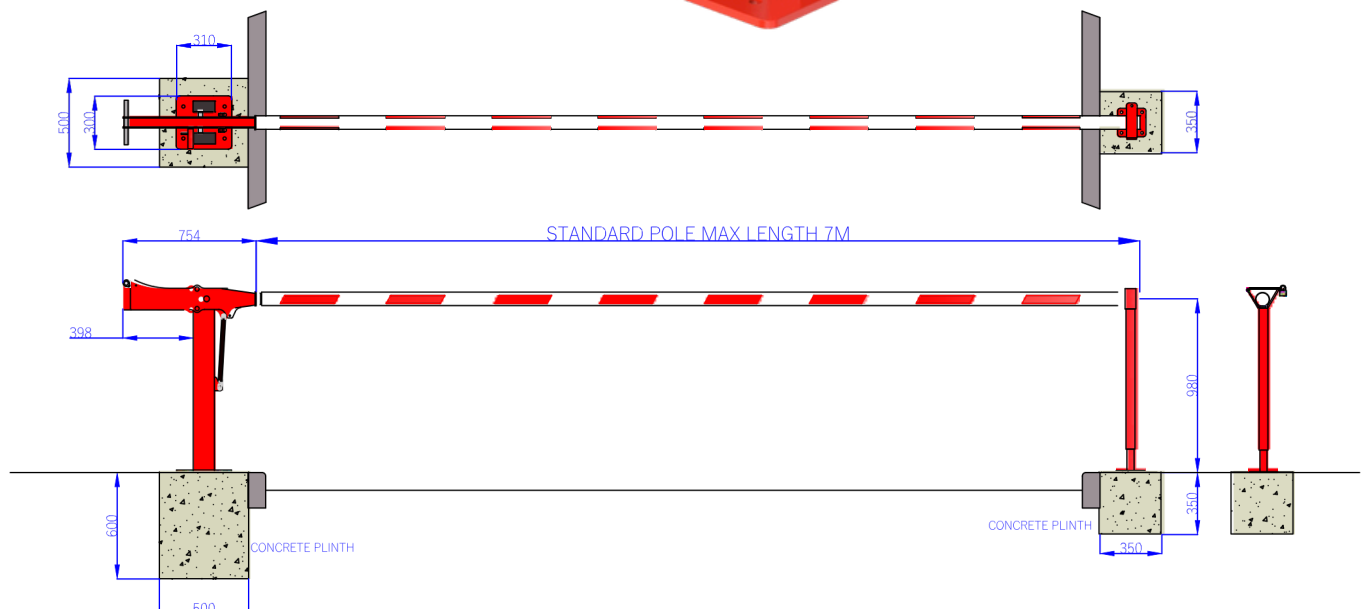
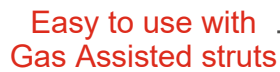
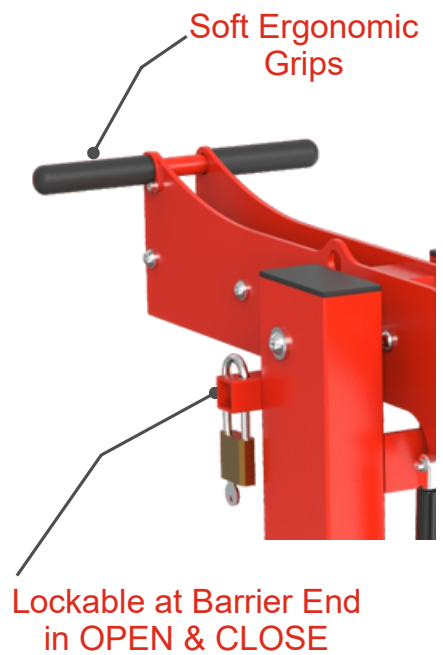
Universalnohanging needed

Fixings

M16 anchor shield bolts included/M12 for End Rest

External Padlock

60mmLongShackle c/w 3 Keys



AUTOMATIC BOLLARDS



STAINLESS STEEL AUTOMATIC BOLLARDS

Our stainless steel automatic bollards, feature a NO DRAINAGE IS REQUIRED design.

The standard model has a height of 500mm, a diameter of 168mm and wall thickness of 4mm. It also includes built-in LED lighting that can be switched on or off.

The heavy-duty stainless steel version is 600mm high, 219mm in diameter, and has a wall thickness of 6mm. This will provide extra durability and security.

The system is designed for integration with existing gate automation and safety systems. This would make them a great choice for access control in residential and commercial settings.

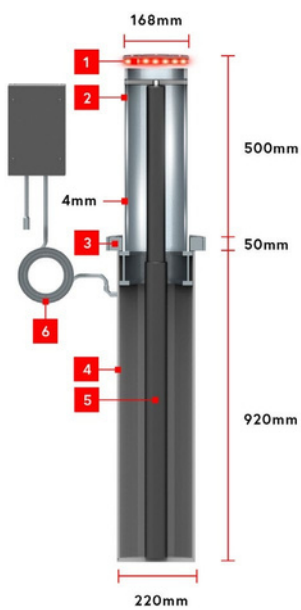
Both the standard and heavy-duty stainless steel automatic bollards are designed for intensive operation, ensuring durability and reliability. They also feature hassle-free installation and an aesthetic finish, making them a great choice for security and access control without compromising on appearance.

To complement our range of automatic bollards, we are pleased to offer both fixed and removable stainless steel bollards. These additions provide versatile solutions for controlling vehicle access and enhancing security across various settings.

AUTOMATIC BOLLARDS



AGD00ABE168



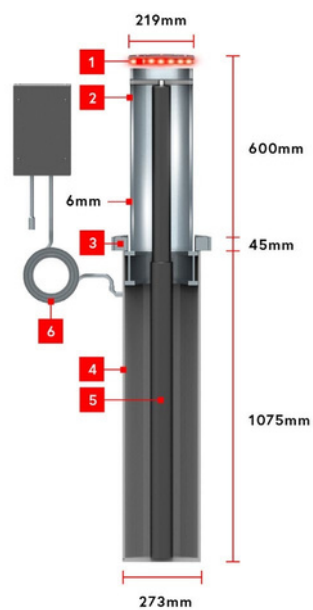
SIDE VIEW

- 1 LED light units
- 2 Head
- 3 Flange plate
- 4 Casing
- 5 Actuator
- 6 10m flex cable



TOP VIEW

AGD100ABE219



SIDE VIEW

- 1 LED light units
- 2 Head
- 3 Flange plate
- 4 Casing
- 5 Actuator
- 6 10m flex cable



TOP VIEW



**ALUMINIUM GATES
SCOTLAND**



enquiries@aluminiumgatesdirect.co.uk

aluminiumgatesscotland.co.uk

0114 3521525