WELCOME TO NEWGATE
Gate & Barrier Solutions. British Designed & Built

ABOUT US

Since being established in 1984, Newgate has grown to become the UK’s Market Leading Gate and Barrier Company. The Newgate brand is synonymous for quality, reliability and customer service.

The Newgate ethos has always been to put the customer first. Engaging with its clients and using its wealth of employee experience and expertise to deliver a first class product every time.

Whether you require a simple manual barrier, a large commercial gate or bespoke designed solution, you can depend on Newgate to be there all the way through the project. From design concept, to manufacturing, installation, service, maintenance and spares, Newgate provide the complete solution every time.

Our purpose built facilities, centrally located in Newark on Trent, allow us the flexibility to adapt and meet your gate and barrier solution needs. From our specialist sales team, to our own civil and installation teams, we cover the whole of the UK. These are backed up by the Newgate dedicated service and maintenance divisions, ready to support our ever growing client base.

This is why so many of our world renowned clients come back again and again, year after year.

“Newgate exceeding our customers expectations and delivering without compromise”
Newgate have been designing, manufacturing and installing all types of barriers for over 30 years. Our extensive knowledge and experience makes us the UK’s market leaders in our field.

From our design and manufacturing facilities in Newark, we oversee every aspect of our barriers manufacture ensuring they meet our rigorous quality processes. This is one of the reasons our clients come back to Newgate time after time.

Our Barriers are constructed from high quality steel and finished with white lids and red bodies as standard. Each of our barrier arms are supplied with our standard red and white stripes.

All of our Electronic Barriers can be operated by various control options, including ANPR, Token, Push Button, Radio Fobs, Proximity Readers, and Intercoms. These combined with induction loop or photocell facilities ensure that the barrier arm will open and close smoothly, safely and efficiently upon activation, every time.

**WHY CHOOSE OUR BARRIERS?**

All Newgate barriers are British designed & built. In order to pass our rigorous design and approval process, each model has been tested in excess of 1 million operations, ensuring the unsurpassed reputation of the Newgate brand. The Newgate attention to detail, quality and reliability can be seen in every product we manufacture, allowing our clients to manage their security needs without compromise.

All of our Barriers meet the essential health and safety requirements and are fully compliant with the latest British and European standards.

Newgate provide operationally effective solutions every time.

**INFORMATION**

All Newgate electronic barriers are 100% duty rated and use the latest inverter technology. Should you have a specialist requirement, let our Newgate design team work with you to provide the perfect solution. All of our manual and automatic barriers are available in various colours with numerous accessory options including Tip Supports, Boom Lights, Stop Signs, Half and Full Curtains.

Newgate can offer the complete works package for your chosen barrier solution. Our dedicated teams can provide all aspects of your works program from survey, civil and installation work, to project completion. Newgate also provide full service, and maintenance packages, as well as spare parts. Newgate ensures not only that your project runs smoothly, but so does your product, year after year.

All products are covered by our standard 12 month warranty.
**STINGER 3 DISTRIBUTORS ONLY**

The choice of the security professional

**NO matter what your vehicular traffic management needs, the new Stinger 3 rising arm barrier is the perfect solution for road spans up to 6m wide.**

Stinger 3 uses the Newgate proven motor/gearbox drive assembly and inverter technology providing both soft start and stop along with rapid lift. This design allows for simple operational use and minimum service requirements. The Stinger 3 has been designed and pre-wired for Bircher loop detectors as standard and comes complete with two configurable powered output ports.

British designed and built, the Stinger 3 barrier has been rigorously tested to over 1 million operations, Fully CE compliant and meets the latest British standard BS6751 PT4.

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**Technical Specification**

**STINGER 3**

**KEY FEATURES**

- Selectable body colour panels to match your specification
- 2 standards colours (red & yellow)
- Full range of RAL colours available*
- Triple safety cut-off front door, lid and mains isolator
- Inverter drive
- Soft start, soft stop Function
- Pre wired for Bircher 2 loop controller
- 2 spare 24v powered outputs
- Manual override in event of power failure
- Shear point arm assembly (minimising damage in the event of a vehicle collision with the pole)
- Versatile fixing points
- Large cable access area

**Construction**

Steel Frame/Powder Coated body
Aluminium Boom (vinyl wrapped)

**Operating Supply**

230v 1ph 50Hz - 2.5 amps

**Operational Movement**

90° (Horizontal to Vertical)

**Time of Operation**

5/6 seconds

**Handing**

R.H. or L.H.

**Manual Operation**

Included

**Weight**

120 kg (Excluding pole attachments)

**Dimensions**

1125 x 525 x 385mm

**Accessories Included**

Fixing Bolts, Adhesive Stop or No Entry signs

**Warranty**

12 Month warranty as standard

*Additional charges may apply subject to colour and quantity

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**Foundations**

Concrete to be cast a minimum of 7 days before installation of equipment.

(Grade C32/40 - 20mm Gravel)

Foundations should be smooth, flat and level with each other.
The Challenger Rising Arm Car Park Barrier is reliable, sturdy and uncompromising. A popular choice which is quick to install, simple to operate and very cost effective.

Manufactured from high quality steel and combining an inverter drive and relay logic, the Challenger Rising Arm Traffic Barrier provides smooth and consistent operation in the most demanding environments from car parks to MOD sites.

The Challenger Barrier has a number of available options including boom lights, stop signs, high bar & half curtains to traffic lights. The barrier can be controlled via ANPR, Card, Radio, Token, Proximity Readers, Keypad, Intercom, Push Button, Vehicle Transponder, Induction Loop and Photocell.

Should you have any specific requirements please contact us.

<table>
<thead>
<tr>
<th>Technical Specification</th>
<th>CHALLENGER RISING ARM</th>
<th>Construction (IP54 Rated)</th>
<th>Frame – Steel Aluminium Boom (vinyl wrapped)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Drive Unit</td>
<td>Motor and Gearbox</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Operating Supply</td>
<td>230v 1Ph 50hz – 6 amps</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Operating Speed</td>
<td>2.0 to 7.0 seconds</td>
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<tr>
<td>Duty Rating</td>
<td>100%</td>
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<tr>
<td>Operational Movement</td>
<td>90 Degrees</td>
<td></td>
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</tr>
<tr>
<td>Dimensions</td>
<td>1200 x 475 x 425mm</td>
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<td></td>
</tr>
<tr>
<td>Manual Operation</td>
<td>Included as Standard</td>
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</tr>
<tr>
<td>Safety Features</td>
<td>Induction Loop or Photocell safety available on request</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Approved Standards</td>
<td>CE. BS6571 PT4</td>
<td></td>
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</tbody>
</table>

Should you have any specific requirements please contact us.
The Heavy Duty Rising Arm Traffic Barrier (HD) is perfect for lorry parks, warehouses, freight depots, road and rail bridges. Simple and efficient to operate.

The Heavy Duty Rising Arm Traffic Barrier is a tough and durable unit that operates using a powerful motor and gearbox drive unit, which is inverter driven and housed in a steel and fibreglass enclosure. Operation is provided by a single-phase power supply. The sturdy aluminium barrier arm can be fitted with a long lasting and lightweight PVC half or full height curtain.

Our HD bridge systems are specially constructed to withstand the extremes of traffic flow and weather conditions in the harshest of environments and can be incorporated with Wig Wag Light systems, Illuminated stop signs, boom lights, balance weight guards, sounders and boom damage detection. The barrier can be controlled via ANPR, Card, Radio, Token, Proximity Readers, Keypad, Intercom, Push Button, Vehicle Transponder, Induction Loop and Photocell.

Proven reliability speaks for itself

HD & BRIDGE BARRIERS

Technical Specification

HD RISING ARM & BRIDGE BARRIERS

KEY FEATURES
- Designed & built to meet Highways & British Waterways standards
- PLC/Bridge controlled & interfaced
- Finishes to suit coastal environments are available upon request
- High visibility fittings (lights, signs, poles etc)
- Proven motor gearbox drive with over 25 years of continuous development
- Full range of RAL colours available
- Shear point arm assembly (minimising damage in the event of a vehicle collision)

Construction (IP54 Rated)
- Frame – Steel
- Aluminium Boom (vinyl wrapped)
- Top Cover – Fibreglass

Drive Unit
- Motor and Gearbox

Operating Supply
- 230V 1Ph 50Hz – 6 Amps

Operating Speed
- 5 to 7 seconds

Duty Rating
- 100%

Operational Movement
- 90 Degrees

Safety Features
- Induction Loop or Photocell safety available on request

Manual Operation
- Included as standard

Dimensions
- 1395 x 672 x 526mm

Approved Standards
- CE. – BS6571 PT4

MAX AVAILABLE SIZES:

6.5m Full curtain
8.0m Half curtain
9.0m Without curtain

HD RISING ARM & BRIDGE BARRIERS

FRAME – STEEL
ALUMINIUM BOOM (VINYL WRAPPED)
TOP COVER – FIBREGLASS

CONSTRUCTION

Drive Unit
MOTOR AND GEARBOX

OPERATING SUPPLY
230V 1PH 50HZ – 6 AMPS

OPERATING SPEED
5 TO 7 SECONDS

DUTY RATING
100%

OPERATIONAL MOVEMENT
90 DEGREES

SAFETY FEATURES
INDUCTION LOOP OR PHOTOCELL SAFETY AVAILABLE ON REQUEST

MANUAL OPERATION
INCLUDED AS STANDARD

DIMENSIONS
1395 X 672 X 526MM

APPROVED STANDARDS
CE. – BS6571 PT4

MAX AVAILABLE SIZES:

6.5m Full curtain
8.0m Half curtain
9.0m Without curtain

HD RISING ARM & BRIDGE BARRIERS

KEY FEATURES
- Designed & built to meet Highways & British Waterways standards
- PLC/Bridge controlled & interfaced
- Finishes to suit coastal environments are available upon request
- High visibility fittings (lights, signs, poles etc)
- Proven motor gearbox drive with over 25 years of continuous development
- Full range of RAL colours available
- Shear point arm assembly (minimising damage in the event of a vehicle collision)
The Newgate Manual Rising Arm Car Park Barrier is an ideal solution for staff parking areas of smaller or larger multiuse, sites.

Constructed from heavy duty steel, the Manual Rising Arm Car Park Barrier boasts a sturdy arm to prevent access to un-authorised areas. Lockable in both open and closed positions, this barrier provides peace of mind during overnight periods when the parking area is often unmanned.

The aluminium pole arm can span openings of up to 8.5 metres (17 metres with a pair of barriers), and can be fitted with optional accessories such as a PVC half curtain, stop signs and tip support (standard or lockable).

**Technical Specification**

**MANUAL RISING ARM**

**KEY FEATURES**

- British designed & sturdily built using heavy duty steel sections
- Lockable in the raised & lowered positions (Lock incl)
- Fully counterbalanced for ease of operation
- External operating handle to avoid trapping
- Shear point arm assembly (minimising damage in the event of a vehicle collision)

**Construction**

Frame – Steel
Aluminium Boom (vinyl wrapped)

**Finish**

Pedestal – Red
(Corporate colours available upon request)

**Accessories**

Corporate colours
Stop Signs
PVC curtain (half-height only)
Various Tip Support posts.

**Operational Movement**

90 Degrees

**Standards**

CE Approved.

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![Diagram of the Manual Rising Arm Barrier]

**MAX AVAILABLE SIZES:**

- 7.5m With curtain
- 8.5m Without curtain
HEIGHT RESTRICTION BARRIERS

Providing controllable vehicle access

Height Restriction Car Park Barriers prevent access to un-authorised areas. Perfect for both over-ground and underground car parking, using height as a barrier.

As with all barriers manufactured by Newgate, the Height Restriction Car Park Barrier is designed and built to be a robust and sturdy barrier with 4 flexible solutions to suit a diverse range of entrances.

**Fixed:** Perfect on unmanned sites.

**Manual Swing Arm & Rising Arm:** Allows you to manoeuvre the arm to allow temporary access to oversize vehicles.

**Auto Rising Arm:** Electronically raise the arm at the push of a button, providing instant entry.

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**KEY FEATURES**

- Custom built to suit exact heights & spans
- Sturdy steel section uprights
- Separate nudge bar & height restriction signs
- Lockable & removable cross member
- Automatic version available

**Technical Specification**

**HEIGHT RESTRICTORS**

<table>
<thead>
<tr>
<th>Construction</th>
<th>Frame – Steel</th>
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</thead>
<tbody>
<tr>
<td>Aluminium Boom</td>
<td>(vinyl wrapped)</td>
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<table>
<thead>
<tr>
<th>Span(s)</th>
<th>2000mm to 8500mm (Typical)</th>
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<tbody>
<tr>
<td>Height(s)</td>
<td>2000mm to 4000mm (Typical)</td>
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</table>

<table>
<thead>
<tr>
<th>Finish</th>
<th>Posts – Yellow</th>
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</thead>
<tbody>
<tr>
<td>(corporate colours available on request)</td>
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</tr>
<tr>
<td>Arm</td>
<td>Black / Black / Yellow</td>
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</table>

<table>
<thead>
<tr>
<th>Accessories (As standard)</th>
<th>Nudge Bar (Fixed Beam Only)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Height Restriction Signage</td>
<td>Fixing Bolts</td>
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**SPAN**

<table>
<thead>
<tr>
<th>ROADWAY</th>
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<tbody>
<tr>
<td>600 SQ</td>
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<table>
<thead>
<tr>
<th>RESTRICTION HEIGHT</th>
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</thead>
<tbody>
<tr>
<td>725 SQ</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>ROADWAY</th>
</tr>
</thead>
<tbody>
<tr>
<td>800 SQ</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>RESTRICTION HEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>800 SQ</td>
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</table>
The Newgate Manual Swing Arm Barrier is available in two versions, Standard and Heavy Duty. These barriers are ideal solutions for staff parking, areas of larger multiuse sites, isolated car parks or areas where you wish to restrict access such as the entrance to a field or farm track.

Constructed from hollow steel section, the Manual Swing Arm Barrier boasts a sturdy arm to prevent access to un-authorised or restricted areas. Lockable in both the open and closed positions, providing peace of mind during overnight periods when the parking area is often unmanned.

The barrier is supplied with two locking posts as standard. The steel barrier arm can span openings of up to eight metres (16 metres with a pair of barriers.)

**Technical Specification**

**Key Features**
- Custom built to exact customer requirements
- Full mild steel construction
- Adjustable rod eye bearing hinges
- 2 x locking posts c/w padlock
- Can be integrated with height restriction barriers

**Construction**
- Frame – Steel
- Posts – Steel

**Standard Leaf**
- 50mm X 50mm SHS
- Hinge post: 150mm x 150mm SHS
- Closing post: 50mm x 50mm SHS

**HD Leaf**
- 120 X 80 RHS
- Hinge post: 150mm x 150mm SHS
- Closing post: 80mm x 80mm SHS

**Standard Finish**
- Red/Yellow Paint

**Heavy Duty Finish**
- Galvanized only
- (Corporate colours available on request)

**Standards**
- CE approved
Newgate Automatic and Manual Swing Gates are synonymous in the security industry, with over 30 years of experience in design and build. The Newgate brand is known to produce the best engineered and robust gates in the industry.

Our gates are constructed from steel using substantial RHS sections, Industrial bearing hinges, using proven drive units and finished with special paint treatment. The state of the art electronics provide numerous control option including ANPR, proximity card, push button, keypad, token and radio control. These combined with induction loop or photocell safety and close facilities, make Newgate’s Electric Swing Gates the ones to choose every time.

**WHY CHOOSE OUR SWING GATES?**

All Newgate Swing Gates are British designed and built. They have to pass our rigorous design and approval process, ensuring that the unsurpassed reputation of the Newgate brand is delivered time and time again.

All of our gates meet and exceed the current industry and legislation requirements of the machinery directive 2006/42/EC and the DHF. They are fully compliant with both the British and European standards (Incl BSEN12453:2001 & BSEN 12445:2001) and fully CE marked, to ISO 2001.

Newgate provide operationally effective solutions every time.

### OUR SWING GATES

<table>
<thead>
<tr>
<th>Type</th>
<th>Code</th>
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</thead>
<tbody>
<tr>
<td>Manual Swing Gate</td>
<td>20</td>
</tr>
<tr>
<td>Electric Swing Gate</td>
<td>22</td>
</tr>
<tr>
<td>Bi-Folding Swing Gate</td>
<td>24</td>
</tr>
</tbody>
</table>

### INFORMATION

Every Newgate Swing Gate is uniquely designed to ensure maximum operational performance, with all of our automatic gates either using our own proven motor gearbox drive system or ram drive technology.

Newgate can offer the complete works package for your chosen gate solution. Our dedicated teams can provide all aspects of your works program from survey, civil and installation work, to project completion. Newgate also provide full service, and maintenance packages, as well as spare parts.

Newgate make sure not only that your project runs smoothly, but so does your product, year after year.

All products are covered by our standard 12 month warranty.
Newgate offer a range of manual swing security gates which provide the perfect solution when automation is not always an option. Each gate is designed in a way that allows for simple, effortless opening by the operator.

Manufactured from hollow steel sections. Newgate offer a variety of infill options, paint or coated finishes and accessories. Newgate swing gates are perfect for perimeter security applications providing access as required.

All of our Swing gates open to a minimum of 90 degrees as standard to provide maximum vehicular access, making the swing gate the ideal solution for infrequent operational requirements suitable for high-risk and low-risk security sites, such as warehouses, factories and schools.
Commercial (Non-domestic) applications demand high performance solutions. Newgate’s Electric Security Swing Gates, with their robust design, deliver this, and more.

Manufactured from hollow steel sections and finished with our 2 coat paint system or Galvanised/ Zinc Coated. All gates are available with a variety of infill options. Electric Security Swing Gates from Newgate incorporate either a hydraulic unit or Newgate’s proven motor gearbox drive, with integral manual operation (incorporated as standard).

Our drives ensure constant and trouble free operation, time after time. Smooth, reliable and easy to use. The gates can be controlled by a wide range of access control systems including proximity card, ANPR, Push button, keypad, token and radio control. These combined with induction loop or photocell safety and close facilities, make Newgate’s Electric Swing Gates the ones to choose every time.

KEY FEATURES

- Full mild steel construction, with a choice of infills
- Adjustable bearing hinges
- Full CAT 3 safety edge system
- Force Tested to latest Industry Standards
- Electromagnetic gate locking
- Manual override control, as standard
- Optional Induction Loop control
- Pedestrian Photo Cell safety as standard

Construction

Frame – Hollow Steel Section
Infill – Tube, Mesh, Bar

Drive Unit

Hydraulic Ram / Motor gearbox drive

Operating Supply

230v 1Ph 50hz – 10 amps

Operating Speed

20 – 25 seconds

Standard Opening

90 degrees

Duty Rating

Ram: 45%, Motor Gearbox: 100%

Approved Standards

CE, BSEN12453

Optional Accessories

Fire Alarm Activation, Barbed Wire, Rotor Spikes, Audible Alarm, Flashing Beacon, Access Reader Posts, Special gate finishes
**BI-FOLDING SWING GATE**

When space is limited or restricted

Manual or Electric, Bi-Folding Swing Gates are used in applications where space is limited or restricted.

Manufactured from hollow steel sections and offering a variety of infill options, Bi-Folding Swing Gates from Newgate incorporate a powerful electric motor and gearbox unit, with integral manual override (incorporated as standard), ensuring constant and trouble free operation, even at the most arduous sites.

Smooth, reliable and easy to use, the gates can be controlled by a wide range of access control systems including proximity card, push button, keypad, token and radio control. These combined with induction loop or photocell safety and close facilities, make Newgate’s Bi-Folding Swing Gates the one to choose every time.

**Technical Specification**

**BI-FOLDING SWING GATE**

**KEY FEATURES**

- Custom built to suit exact heights & spans
- Full mild steel construction
- Adjustable bearing hinges
- Choice of infill (tube, mesh, palisade, wood)
- Locking facilities as standard
- Safety Edges, Photo Cells, HSE Signage, Manual Override Control (All as standard on automatic version)

**Construction (typical)**

Hollow Steel Section. Frame 80mm SHS, Stanchions 150mm to 250mm SHS

**Infill**

Tube / Mesh / Palisade / Wood

**Drive Unit**

Motor and Gearbox

**Operating Supply**

230V 1PH, 50Hz – 10 Amps

**Duty Rating**

100%

**Operating Speed**

20 – 25 seconds

**Gate Finish**

Painted (as standard), Zinc Coated or Galvanised (optional)

**Standard Opening**

90 Degrees

**Optional Accessories**

Barbed Wire, Razor Wire, Rotor Spikes, Lights, Sounders

**Available As:**

- Single
  - Up to 4 metres
- Double Leaf
  - Up to 8 metres
Newgate design and build a range of cantilevered and tracked Manual and Automatic Sliding Gates manufactured to the highest standards.

Our Manual gates are built with simple effortless operation in mind ensuring that we meet our clients expectations in performance operational use and cost. Our automatic gates are manufactured to meet the industries rigorous safety standards and our quality is guaranteed using steel RHS sections, industrial rollers, proven motor gearbox drive units and state of the art electronics. All of our gates are available in a range of standard sizes, but most are usually custom built to your exact size, height, infill, finish, control and cost.

WHY CHOOSE OUR SLIDING GATES?

All Newgate Sliding Gates are British designed and built. They have to pass our rigorous design and approval process, ensuring that the unsurpassed reputation of the Newgate brand is delivered time and time again.

All of our gates meet and exceed the current industry and legislation requirements of the machinery directive 2006/42/EC and the DHF. They are fully compliant with both the British and European standards (incl BSEN12453:2001 & BSEN 12445:2001) and fully CE marked to ISO 2001.

Newgate provide operationally effective solutions every time.

OUR SLIDING GATES

<table>
<thead>
<tr>
<th>Type</th>
<th>Price</th>
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</thead>
<tbody>
<tr>
<td>Type 3 Sliding Gate</td>
<td>28</td>
</tr>
<tr>
<td>Type 1 Cantilever Sliding Gate</td>
<td>30</td>
</tr>
<tr>
<td>Type 1 Tracked Sliding Gate</td>
<td>32</td>
</tr>
</tbody>
</table>

INFORMATION

Each Sliding Gate has been uniquely designed to ensure maximum operational performance. Newgate’s range of sliding gates are available in either manual or automatic, with all of our automatic sliding gates using our own proven motor gearbox drive system.

Newgate can offer the complete works package for your chosen gate solution. Our dedicated teams can provide all aspects of your works program from survey, civil and installation work, to project completion. Newgate also provide full service, and maintenance packages, as well as spare parts.

Newgate make sure not only that your project runs smoothly, but so does your product, year after year.

All products are covered by our standard 12 month warranty.
The Newgate type 3 gate is available in 2 versions, Manual and Automatic. Sliding gates are a perfect solution when there is restricted space for swing gates. Sliding Security Gates (Type 3) deliver high performance time, after time, in the most demanding environments.

This gate can span openings of up to 8 metres (single leaf) or up to 16 metres (double leaf) in a cantilever construction. Due to the perfect balance of these gates there is no need for a ground track. The gate rolls on two pairs of industrial roller assemblies, each having eight wheels and being fully zinc plated to ensure that they operate even in the harshest environments.

The frame and stanchions of both the Manual and Automatic Security Gates are manufactured from substantial hollow steel sections and a variety of infill options are available from palisade to tube, wood panels and decorative mesh, providing a gate that not only performs, but also suits your aesthetic requirement’s.

The automatic gates can be operated by a wide range of access control systems such as a proximity card, push button, keypad ANPR or radio control. These combined with induction loop or photocell safety and close facilities make them simple and reliable to operate.
The Newgate Type 1 heavy duty cantilever gate is available in 2 versions Manual and Automatic. Sliding gates are a perfect solution when there is restricted space for swing gates. Sliding Security Gates (Type 1) deliver high performance time after time, in the most demanding environments.

This gate can span openings of up to 9.5 metres (single leaf) or up to 19 metres (double leaf) in a cantilever construction. Due to the perfect balance of these gates there is no need for a ground track.

The sliding gate rolls on eight industrial rollers, and is driven again by our proven motor gearbox configuration. The frame and stanchions of the gates are manufactured from substantial hollow steel sections and a variety of infill options are available from palisade to tube, wood panels and decorative mesh, providing a gate that not only performs, but also suits your aesthetic requirement’s.

The automatic gates can be operated by a wide range of access control systems such as a proximity card, push button, keypad ANPR or radio control. These combined with induction loop or photocell safety and close facilities make them simple and reliable to operate.

### Technical Specification

#### AUTOMATIC SLIDING GATE

**KEY FEATURES**
- Custom designed & built to suit individual applications
- Full mild steel construction
- Tried & tested roller assemblies
- Motor & gearbox drive
- Inverter logic control
- Full CAT 3 safety edge system
- Force tested & CE Marked to latest Industry standards
- Locking facilities (Standard)
- Manual override control

**Construction**
- Frame – Hollow Steel Section

**Drive Unit**
- Motor and Gearbox / Drive Rack

**Operating Supply (auto)**
- 230v 1Ph 50hz – 16 amps

**Operating Speed (auto)**
- 200mm/Sec

**Duty Rating (auto)**
- 100%

**Manual Operation (auto)**
- Included as Standard

**Finish**
- Standard – 2 x Coat paint treatment
  - Optional – Galvanised / Zinc coated

**Safety Features (auto)**
- Standard – Ten(10) Safety Edges, CAT 3, Pedestrian Photocells
  - Optional – Induction Loop

**Accessories**
- Fire Alarm Activation, Barbed Wire, Rotor Spikes, Audible Alarm, Flashing Beacon, Access Reader Posts

#### INFILL OPTIONS

- **Semi-Decorative**
- **Timber**
- **Mesh/Bartube**
- **Palisade**

### Construction

**Frame**
- Hollow Steel Section

**Drive Unit**
- Motor and Gearbox / Drive Rack

**Operating Supply (auto)**
- 230v 1Ph 50hz – 16 amps

**Operating Speed (auto)**
- 200mm/Sec

**Duty Rating (auto)**
- 100%

**Manual Operation (auto)**
- Included as Standard

**Finish**
- Standard – 2 x Coat paint treatment
  - Optional – Galvanised / Zinc coated

**Safety Features (auto)**
- Standard – Ten(10) Safety Edges, CAT 3, Pedestrian Photocells
  - Optional – Induction Loop

**Accessories**
- Fire Alarm Activation, Barbed Wire, Rotor Spikes, Audible Alarm, Flashing Beacon, Access Reader Posts

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**Available as:**
- 9.5m Single
- 19m Pair
The Newgate Type 1 Tracked heavy duty Sliding Gate is available in 2 versions Manual and Automatic. Sliding gates are a perfect solution when there is restricted space for swing gates. Sliding Security Gates (Type 1) deliver high performance time after time in the most demanding environments.

This gate can span openings of up to 18 metres (single leaf) or up to 36 metres (double leaf). The gate rolls on industrial bogie assemblies, located at the base of the gate.

The frame and stanchions are manufactured from substantial hollow steel sections and a variety of infill options are available from palisade to tube, wood panels and decorative mesh providing a gate that not only performs, but also suits your aesthetic requirement’s.

The automatic gates can be operated by a wide range of access control systems such as a proximity card, push button, keypad ANPR or radio control. These combined with induction loop or photocell safety and close facilities make them simple and reliable to operate.

Technical Specification

**KEY FEATURES**
- Custom designed & built to suit individual applications
- Full mild steel construction
- Tried & tested roller assemblies
- 100% duty rated
- Motor & gearbox drive
- Inverter logic control
- Full CAT 3 safety edge system
- Force tested and CE marked
- Choice of infill (tube, mesh, palisade, wood)
- Manual override control as standard

**Construction**
- Frame – Hollow Steel Section

**Drive Unit (auto)**
- Motor and Gearbox / Drive Rack

**Operating Supply (auto)**
- 230v 1Ph 50hz – 16 amps

**Operating Speed (auto)**
- 200mm/Sec

**Duty Rating**
- 100%

**Manual Operation (auto)**
- Included as Standard

**Finish**
- Standard – 2 x Coat paint treatment
- Optional – Galvanised / Zinc coated

**Safety Features (auto)**
- Standard – Ten(10) Safety Edges, (CAT 3), Pedestrian Photocells
- Optional – Induction Loop

**Accessories**
- Fire Alarm Activation, Barbed Wire, Rotor Spikes, Audible Alarm, Flashing Beacon, Access Reader Posts

**INFILL OPTIONS**
- SEMI-DECORATIVE
- TIMBER
- MESH
- BAR
- TUBE
- PALISADE
- DECORATIVE

**AVAILABLE AS:** 18m

Larger sizes on request
What ever your standard design requirements for Pedestrian Access, Newgate can meet your site needs. With over 30 years professional experience in providing access solutions, Newgate Pedestrian Access Gates are all fully DDA compliant and meet all of the latest safety requirements.

Each Gate can either be manual, semi automatic or fully automatic and can be locked via numerous devices from Magnetic locks to shoot bolts or even a simple padlock. Each designed to meet your operational needs, automation can be achieved using key pads, swipe cards and push button.

**WHY CHOOSE OUR PEDESTRIAN GATES?**

Newgate’s pedestrian gates are designed and built no less rugged than our swing or sliding gates. Using substantial steel RHS sections, industrial hinges, two coat paint treatment and safety systems to the latest industry standards, we aim to deliver a reliable and long lasting product. Customise your own gate. Your size, your infill, your colour and your accessories.

All of our gates meet the essential health and safety requirements and are fully compliant with the latest British and European standards including BS EN 12453:2001 and BS EN 12445:2001. With regards to gate safety, our gates are CE marked and confirm to the Machinery Directive 2006/42/EC.

Newgate provide operationally effective solutions every time.

**OUR PEDESTRIAN GATES**

<table>
<thead>
<tr>
<th>Type</th>
<th>Manual</th>
<th>Semi Auto / Fully Auto</th>
</tr>
</thead>
<tbody>
<tr>
<td>36</td>
<td>38</td>
<td></td>
</tr>
</tbody>
</table>

**INFORMATION**

All Newgate Pedestrian gates are British designed & built. In order to pass our rigorous design and approval process, each models design has been vigorously tested, providing the unsurpassed reputation of the Newgate brand. The Newgate attention to detail, quality and reliability can be seen in every product we manufacture, allowing our clients to manage their security needs without compromise.

Newgate can offer the complete works package for your chosen gate solution. Our dedicated teams can provide all aspects of your works program from survey, civil and installation work, to project completion. Newgate also provide full service, and maintenance packages, as well as spare parts. Newgate make sure not only that your project runs smoothly, but so does your product, year after year.

All products are covered by our standard 12 month warranty.
Manual Pedestrian Swing Gates provide peace of mind in today’s uncertain world. They control the movement of authorised users and deter those not permitted on site, or into an enclosed or restricted area.

Typical spans from 850 mm up to 1.2 metres and typical heights 2.0 metres – 3.0 metres are available in this product range.

The gate is hinged from adjustable rod eye bearings with lubrication points. The gate locking assembly is solid (zinc plated) steel with an industrial padlock, accessible from both sides of the gate (unless otherwise requested).

**MANUAL PEDESTRIAN GATE**

**KEY FEATURES**

- Custom designed & built to suit individual applications
- Full mild steel construction
- Adjustable rod eye bearing hinges
- Locking facilities, as standard
- Optional push bar/push pad mechanism

**Construction (typical)**

- Hollow Steel Section. Frame 50mm SHS, Stanchions 100mm SHS

**Infill**

- Tube / Mesh / Palisade / Bar / Timber

**Gate Finish**

- Painted (as standard). Zinc Coated or Galvanised (optional)

**Standard Fittings**

- 2 x Handles, Locking Facilities, HSE Signage

**Accessories (Optional)**

- Barbed Wire, Razor Wire, Rotor Spikes, Hydraulic Closer, Push Pad / Bar release

**Standard Opening**

- 90 Degrees

**AVAILABLE SIZES:**

- 1.2m Min width: 850mm

**INFILL OPTIONS**

- Semi Decorative Timber
- Mesh Bar Tube
**FULL & SEMI AUTO PEDESTRIAN GATES**

**Controlling the movement of authorised users**

Electric Security Swing Gates for pedestrians provide peace of mind in today’s uncertain world. They control the movement of authorised users and deter those not permitted on site, or into an enclosed or restricted area.

Typical spans from 1.2 metres up to 2.0 metres and typical heights 2.0 metres – 3.0 metres are available in this product range. The gate is hinged from adjustable rod eye bearings with lubrication points.

This gate is fitted with an electromagnetic lock and an automatic closing device as standard and can be fully integrated with a range of access control systems such as card, push button, keypad or intercom, providing secure and managed entry and exit to factory premises and leisure facilities.

Our pedestrian gates are fully DDA compliant.

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**Technical Specification**

<table>
<thead>
<tr>
<th>KEY FEATURES</th>
<th>Construction (typical)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Full mild steel construction</td>
<td>Hollow Steel Section. Frame 50mm SHS, Stanchions 100mm SHS</td>
</tr>
<tr>
<td>Force tested &amp; CE marked* Adjustable rod eye bearing hinges</td>
<td>Operating Supply 230V 1Ph, 50Hz – 6 Amps</td>
</tr>
<tr>
<td>Magnetic Lock</td>
<td>Duty Rating 45% (Full Auto)</td>
</tr>
<tr>
<td>Electro-hydraulic drive ram* Full set CAT 3 safety edges* Photo-cell safety system* Manual override control*</td>
<td>Gate Finish Painted (as standard), Zinc Coated or Galvanised (optional)</td>
</tr>
<tr>
<td>(*Full auto gate only)</td>
<td>Accessories (Optional) Barbed Wire, Razor Wire, Rotor Spikes</td>
</tr>
</tbody>
</table>

**Standard Opening 90 Degrees**

**Fully Auto Safety Features** Safety Edges, Photo Cells, HSE Signage

**Drive Unit (Full Auto)** Electro Hydraulic Ram

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**INFILL OPTIONS**

- **Semi Decorative**
  - Timber
  - Mesh

- **Semi Decorative**
  - Tube
  - Bar
Newgate turnstiles have evolved over the years to our latest models, incorporating down lights and a canopy as standard, complete with our advanced Anti Pass-back technology.

All Newgate turnstiles are fully finished & assembled prior to delivery to site ready for installation, removing the timely process of having to build your turnstile on site when you receive it.

Newgate pedestrian turnstiles are designed for total reliability & user friendliness, ensuring operational effectiveness of controlled pedestrian access.

You can find Newgate turnstiles installed in the UK’s major airports and car manufacturing plants, providing them, and other companies, with the perfect pedestrian access solution.

WHY CHOOSE OUR TURNSTILES

All Newgate turnstiles are British designed & built and have to pass our rigorous design and approval process. Providing the unsurpassed reputation of the Newgate brand. The Newgate attention to detail, quality and reliability can be seen in every product we manufacture, allowing our clients to manage their security needs without compromise.

All of our turnstiles meet the essential health and safety requirements and are fully compliant with the latest British and European standards including BS EN 12453:2001 and BS EN 12445:2001. All Turnstiles are CE marked.

Newgate provide operationally effective solutions every time.

OUR TURNSTILES

| Single Rotor Turnstile | 42 |
| Twin Rotor Turnstile   | 44 |

INFORMATION

Newgate Turnstiles are available in two styles, single and dual rotor, constructed from either mild steel or stainless frames and rotors.

Newgate’s turnstiles can be incorporated with integral pedestrian gates, in either manual or automatic configuration, to provide the perfect pedestrian control package.

Newgate can offer the complete works package for your chosen Turnstile solution. Our dedicated teams can provide all aspects of your works program from survey, civil and installation work, to project completion. Newgate also provide full service, and maintenance packages, as well as spare parts. Newgate make sure not only that your project runs smoothly, but so does your product, year after year.

All products are covered by our standard 12 month warranty.
The new generation of multifunctional full height turnstiles – ideal for all controlled foot traffic applications, are available from Newgate.

Incorporating the very latest in modern design and styling to ensure maximum convenience and ease-of-use, our turnstiles are manufactured from mild steel or stainless steel, for long-lasting and maintenance free performance.

Great features, such as 90 degree or 120 degree rotor assemblies, canopies, down lights and fire alarm activation (to engage free rotation), are all standard.

A range of access control systems can be incorporated into our turnstile design, such as card, push button, intercom or keypad, providing secure entry and exit for restricted areas.

SINGLE ROTOR TURNSTILE

**KEY FEATURES**

- Full mild steel construction
- Stainless steel finish available
- Powder Coated finish
- 90 or 120° rotor assembly
- Manual override control
- Full range of RAL colours available
- Canopy and Down light
- Access control mounting plates
- Integrated cable routes

**Technical Specification**

**Construction**
Frame-Hollow Steel Section
Rotor-Steel Tubular Hollow Section

**Rotor Configuration**
90 Deg or 120 Deg

**Typical Dimensions**
L:1288mm W:1470mm H:2280mm

**Operating Supply**
230V 1Ph 50Hz – 6 Amps

**Controls**
Card, Keypad, Intercom, Push Button

**Finish**
Standard – Powder Coated
Optional – Stainless Steel

**Accessories**
Capping (optional)
The new generation of multifunctional full height dual rotor turnstiles – ideal for all controlled foot traffic applications, where quicker throughput is required.

Incorporating the very latest in modern design and styling to ensure maximum convenience and ease-of-use, our turnstiles are manufactured from mild steel or stainless steel for long-lasting and maintenance free performance.

Great features, such as 90 degree or 120 degree rotor assemblies, canopies, down lights and fire alarm activation (to engage free rotation), are all standard.

A range of access control systems can be incorporated into our turnstile design, such as card, push button, intercom or keypad, providing secure entry and exit for restricted areas.

**TWIN ROTOR TURNSTILE**

**KEY FEATURES**

- Full mild steel construction
- Optional stainless steel finish
- Powder Coated finish
- 90 or 120° rotor assembly
- Manual override control
- Full range of RAL colours available
- Canopy and Down light
- Access control mounting plates
- Integrated cable routes

**Construction**

Frame - Hollow Steel Section  
Rotor - Steel Tubular Hollow Section

**Rotor Configuration**

90 Deg or 120 Deg

**Typical Dimensions**

L:1288mm W:2180mm H:2280mm

**Operating Supply**

230V 1Ph 50Hz – 6 Amps

**Controls**

Card, Keypad, Intercom, Push Button

**Finish**

Standard – Powder Coated  
Optional – Galvanised or Stainless Steel

**Accessories**

Capping (optional)

<table>
<thead>
<tr>
<th>OVERALL HEIGTH (STANDARD)</th>
<th>2280mm</th>
</tr>
</thead>
<tbody>
<tr>
<td>OVERALL WIDTH (STANDARD)</td>
<td>2180mm</td>
</tr>
</tbody>
</table>

12 EXIT (51) FOR POWER & CONTROL CABLES (OPTIONAL GATE SIDE)

OVERALL HEIGHT (STANDARD) 2280mm
OVERALL WIDTH (STANDARD) 2180mm

STANDARD WIDTH: 2.18M
Newgate Road Blockers are deployed at numerous high and medium risk locations throughout the world, designed and engineered to stop a vehicle in its tracks. It is the unmovable barrier.

Newgate Road Blockers are manufactured out of galvanised steel, in a way that allows durability and strength, simple servicing and optimum performance, time and time again.

The Blocker under normal conditions raises and lowers as required in a steady controlled manor. With an optional accumulator, the blocker can be deployed rapidly from horizontal to vertical, presenting a barrier designed to stop a vehicle instantly.

Newgate Blockers are used within car manufacturing plants, car park entrances and exits, car dealership forecourts, restricted access routes, shopping centres and hotels.

**WHY CHOOSE OUR BOLLARDS AND BLOCKERS**

As with the rest of the Newgate gate and barrier range, our Bollards and Blockers are British designed and built. Having been developed over many years, but still incorporating the latest technology and build practices available to us.

Our blockers are manufactured from the most robust steel box sections and fully compliant with BS6571 Pt 4. Controlled via a powerful hydraulic pump and drive ram system, under the control of its own PLC.

Newgate’s kerbs/blockers are available in two grades, 3 tonne and 12 tonne, and seven sizes, and are all finished in a galvanised and fully painted environmental coating system.

Newgate provide operationally effective solutions every time.

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**OUR BOLLARDS & BLOCKERS**

<table>
<thead>
<tr>
<th>Bollard Type</th>
<th>Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rising Bollards</td>
<td>48</td>
</tr>
<tr>
<td>Road Blockers</td>
<td>50</td>
</tr>
</tbody>
</table>

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**INFORMATION**

All our Bollards and Road Blockers are available in various formats and provide traffic control and access options that will meet any scenario. The Newgate attention to detail, quality and reliability can be seen in every product we manufacture, allowing our clients to manage their security needs without compromise.

Newgate can offer the complete works package for your chosen Blocker or Bollard solution. Our dedicated teams can provide all aspects of your works program from survey, civil and installation work, to project completion. Newgate also provide full service, and maintenance packages, as well as spare parts, making sure not only that your project runs smoothly, but so does your product, year after year.

All products are covered by our standard 12 month warranty.
Newgate have a full range of Rising Bollards suitable for various applications, from car parks, bus lanes to restricted traffic areas.

A rising bollard presents an alternative “aesthetic” to the road blocker application, and is still as effective. An hydraulic power pack driving the powder coated, or stainless steel cylinder to a raised height of 700mm with optional LED lighting around its top to enhance its presence. Traffic lights, photo cells, safety induction loops are all available to support your system.

Our Rising Bollards are used to control traffic flow, restrict access and prevent perimeter intrusion, whilst allowing controlled vehicle access.

RISING BOLLARDS

Discretely Secure

Technical Specification

RISING BOLLARDS

KEY FEATURES
- Ideal to secure or police access to your property or business
- Operated via a single button or key fob (Typically)
- Rise and fall time of 5-8 seconds

Diameter 273mm
Height (above ground level) 700mm
Foundation Depth 1,250mm
Finish Black or Stainless steel
Security Rating Commercial insurance rated
Accessories (optional) LED Lights (in the top lid)
Control Options Single button or key fob, Keypad, Proximity card, ANPR and Induction loop

STANDARD SIZE:
Height: 700mm

1000 SQ. FT.

ROADWAY

FOUNDATION

SURROUNDING EARTH

CABLE DUCT

DRAIN AWAY
Road Blockers, are the perfect solution to prevent unwanted vehicle access and will deter the most determined intruder. They are ideal for both manned and unmanned vehicle parks.

Available in two types and 7 widths, the Hydraulic Road Blocker is capable of withstanding axle weights of three Tonnes - Type A, and twelve Tonnes - Type B.

Manufactured from a welded hollow steel section frame and durbar top plate, the Road Blocker features a hydraulic power pack and drive ram system to raise and lower the unit smoothly. A state of the art programmable logic controller co-ordinates the hydraulics, access control and traffic light signalling system, supplied as standard.

During power failure, an emergency lowering facility is incorporated as standard. A variety of access control options are available including, proximity card, radio, token, keypad and intercom. These combined with induction loop or photocell safety and close facilities, ensure the Road Blocker opens and closes smoothly on each activation.

**ROAD BLOCKERS**

**The unmovable Barrier**

**Technical Specification**

**ROAD BLOCKERS**

**KEY FEATURES**

- Hydraulic ram drive
- Fully compliant with BS6571 Pt 4 & CE Marked
- 100% duty rated
- PLC logic control
- Traffic Lights included as standard (LED type)
- 3-5 second operating speed
- Substantial galvanised steel construction
- Manual raise to lower override system
- Type A Sizes: 2m & 2.5m
- Type B Sizes: 2m, 2.5m, 3m, 4m and 5m

**Frame**

- Welded Hollow Steel Section

**Top Cover Plate**

- Durbar

**Drive**

- Hydraulic Power Pack

**Operating Supply**

- 400V 3Ph, 50Hz – 6 amps
- 230V 1Ph 50Hz – 10 Amps

**Finish**

- Zinc Coated, finished with yellow and black chevrons

**Power**

- 1.5kw

**Operating Time**

- 3.0 sec (Grade A) 5.0 Sec (Grade B)

**Control Options**

- Card, Radio, Token, Keypad, Intercom, Push Button, Induction Loop and Photocell

**Optional Accessories**

- Manual Hand Pump for Raise, Accumulator for rapid opening (1.0 Sec: Grade A, 1.5 Sec: Grade B)
**ACCESSORIES & CONTROLS**

**STANDARD TIP SUPPORT POST**
The standard tip support post is available for all rising arm traffic barriers. The pole rests in the "V" for extra support. Recommended on spans of over 6000mm.

**LOCKABLE TIP SUPPORT POST**
The lockable tip support post is available for all rising arm traffic barriers. The pole end can be locked in the down position, to prevent vandalism.

**MAG-LOCK TIP SUPPORT POST**
This tip support post is available on electric rising arm barriers and automatically locks the pole in place in the lowered position, using the electromagnetic lock.

**PVC HIGH BAR CURTAIN**
PVC high bar curtains are available on our Challenger and Heavy Duty rising arm barriers. As well as restricting pedestrian and cyclist access, the high bar ensures the barrier is visible to lorries and other large vehicles. Curtains can be supplied in aluminium, as an alternative to PVC.

**CARD READER POST (DUAL)**
Dual height posts facilitate cars and lorries. They can be adapted to house many various types of access control systems. Available in straight or cranked configurations.

**CARD READER POST (SINGLE)**
Standard car height posts can be adapted to house many various types of access control systems. Available in straight or cranked configurations.

**ADJUSTABLE TIP SUPPORT POST**
Providing the standard “V” as with the other tip supports, but with the additional flexibility of adjusting the height. Ideal for applications where the ground levels vary.

**POGO STICK SUPPORT**
A pole mounted tip support used in applications where a fixed support cannot be installed.

**SIGNS**
Standard signs include STOP/NO ENTRY/NO EXIT/ENTRY/EXIT, 305mm and 460mm sizes are available. Illuminated signs and lorry height signs are also available. Specialised signage can be arranged, to suit site requirements.

**RAZOR WIRE / BARBED WIRE**
An additional deterrent to the top of your Swing or Sliding gate. Supplied in a plated finish as standard.

**ROTOR SPIKE CAPping**
An alternative to razor or barbed wire, but a strong deterrent none the less.

**SPEED BUMPS**
Made from solid rubber sections to Dept of Transport Guidelines. Available in two heights 50mm and 75mm, and lengths to suit your road width. Finished in yellow and black.

**SLEEPING POLICEMAN**
Made from solid rubber sections to Dept of Transport Guidelines. Available in two heights 50mm and 75mm, and lengths to suit your road width. Finished in yellow and black.

**AUDIBLE ALARM**
Available in many formats, with variable output levels and tones.

**BOOM LIGHTS**
Boom lights are pole mounted and are ideal for poorly lit locations. The lights can remain constantly illuminated in the lowered position, or flash, according to site requirements. Available in both LED and bulb versions.

**FLASHING LIGHTS**
Barrier or gate mounted, and supplied with an amber lens, although other colours are available.

**TRAFFIC LIGHTS**
Traffic lights can be post mounted or mounted on the equipment itself. Lights change from red to green upon equipment activation, depending on site requirements. LED and bulb options are available, as are an option of lens sizes.

**WIG WAG TRAFFIC LIGHTS**
Predominantly for Road, River and Rail crossing applications, in association with automatic traffic barriers. All units come complete with lights, backboards, sounder, back indication and mounting post.
GSM KEY
Gate and barriers can be operated via calls from authorised users on either mobile or landline networks.

RADIO CONTROL
Allows a transmitter to be used to automatically open the barrier or gate equipment, closure can either be automated or via the transmitter.

ARTICULATED BARRIER BOOM
Where headroom is a restriction, but spanning the roadway is still essential. Lights and signage can still be fitted as standard.

CAR PARK FULL SIGNS
“Full” signs linked to your traffic barrier and counting system to monitor and control users into and out of your car park.

PUSH BUTTON CONTROL STATIONS
Push button control stations provide simple remote, open, close and stop operations.

OVERRISE KEY SWITCH
A key switch supplied at the barrier, gate or remote office, positioned to provide override control of the automatic controls.

PHOTO ELECTRIC CELLS
Available in both hard wired and battery operated options, a proven safety method where loops cannot be installed.

Reflective Booms
A highly reflective version of our standard pole covering. Standard reflective tape is red and white, but many other colour options are available.

KEY PAD
A secure code is entered into the key pad which operates either the gate or barrier. Available as standalone or networked into an existing access control technology.

LONG RANGE READERS
A long range vehicle or driver identification reader automatically opens the gate or barrier as the vehicle approaches. This system operates from distances of up to 10 metres.

COIN/TOKEN ACCEPTOR
This allows a simple opening method for your barrier by the insertion of a coin or token issued by the site to the vehicle occupant.

PROXIMITY READERS AND CARDS
The reader allows a secure form of access to the user, when it is presented with a valid card. These systems can either be standalone or networked into an existing access control infrastructure.

INTERCOM
A communication device with allows remote opening of the gate or barrier from a predetermined location. These devices are available with video and GSM options also.

Pole Arm Adaptor
Damage Limitation
An invaluable feature used throughout our barrier range, is our unique shear point arm assembly. This minimises damage to the barrier in the event of a vehicle collision with the pole.

KEY PAD
A secure code is entered into the key pad which operates either the gate or barrier. Available as standalone or networked into an existing access control technology.

Pole Arm Adaptor
Damage Limitation
An invaluable feature used throughout our barrier range, is our unique shear point arm assembly. This minimises damage to the barrier in the event of a vehicle collision with the pole.

Reflective Booms
A highly reflective version of our standard pole covering. Standard reflective tape is red and white, but many other colour options are available.

Photo Electric Cells
Available in both hard wired and battery operated options, a proven safety method where loops cannot be installed.

Articulated Barrier Boom
Where headroom is a restriction, but spanning the roadway is still essential. Lights and signage can still be fitted as standard.

PUSH BUTTON CONTROL STATIONS
Push button control stations provide simple remote, open, close and stop operations.

OVERRISE KEY SWITCH
A key switch supplied at the barrier, gate or remote office, positioned to provide override control of the automatic controls.

CAR PARK FULL SIGNS
“Full” signs linked to your traffic barrier and counting system to monitor and control users into and out of your car park.
MAINTENANCE & AFTERCARE
Keeping your product operationally efficient

MAINTENANCE
Newgate provide a range of standard and bespoke maintenance packages designed to suit your needs, making sure your gates and barriers meet the latest legislation and are fully operationally efficient.

The Newgate Maintenance Division spans the country and provides either 2 or 4 service visits per annum, co-ordinated from our offices in Nottinghamshire. During each visit our experienced engineers carry out the correct preventative maintenance program for your gate or barrier and ensure that it is left in full working order. Once our work is completed, we provide you with a full copy of the inspection report which highlights any potential issues. Should you require replacement parts, these are only fitted on the clients approval with a written instruction.

FORCE TEST
The Newgate gate maintenance packages all include a minimum of 1 force test per annum ensuring that your gate continually meets the standards required by the latest legislation. The correct maintenance for your equipment ensures continued performance and helps extend their operational life. All gates require regular servicing, as governed by the latest legislation.

Employing the Services of a registered professional company to work with you will help protect your employee’s and visitors, as well as increasing the life span of your new product.

AFTERCARE
Newgate’s engineers are skilled across a vast range of gate and barrier equipment. Newgate can provide a no obligation quote to take over the maintenance of your existing barriers or gates.

All gates are visually and physically inspected to ensure they meet the latest regulatory standards imposed by the HSE. Only when a gate is deemed safe, can Newgate take on the maintenance for you.

If your gate is deemed as UNSAFE Newgate will provide the necessary recommendations and quotation to allow you to bring the equipment up to the required latest standards.

Consider, each year numerous people are injured or even killed by unsafe gates, which could then result in prosecution by the HSE.

GATE UPGRADES & SAFETY
Putting safety first

GATE UPGRADES
The Newgate gate automation and upgrade team specialise in automating manual gates and making sure that they are then compliant with the latest industry regulations.

Newgate offer advice on the best way to either automate your manual gates, or upgrade an existing automatic gate so that it meets your operational expectations.

GATE SAFETY
Newgate takes safety very seriously and are proud leading members of the DHF powered gate group and support the gate safe program.

The Gate Safety and Upgrade Team at Newgate specialise in Gate Safety and Automation. Making sure that your gate is a safe gate in accordance with the European Machinery Directive (2006/42/EC ) and supply of Machinery Regulations 2008, governed by the Health & Safety Act 1974.

Newgate lead the way in continued product development and commitment to the latest industry standards, regulations and Codes of Practices, ensuring all our gates exceed the latest safety standards. If your automatic gate was installed prior to 2009 there is a good possibility that it does not meet the latest safety requirements. If you are not sure if your automated gate is safe please contact us here at Newgate and allow us to provide a professional risk assessment on the equipment.

Front and rear periMetre guards or fencing in accordance with BS EN ISO 13857
Safety Edges
Flashing and audible warning of gate movement
Local guards to any potential trapping points
Warning signage
Photo cells to detect pedestrians and obstructions
Here at Newgate, we are proud to have working with the following.

- anglianwater
- ASDA
- ASTON MARTIN
- BAA
- Boots
- EXXON
- Ford
- GlaxoSmithKline
- Mobil
- MORRISONS
- TESCO
- vodafone