Secured Access Solutions

NEWGATE

SECURITY BARRIERS ▪ GATES ▪ TURNSTILES ▪ RISING KERBS ▪ ACCESS CONTROLS

www.newgate.uk.com

Contents

> ...ensuring we meet your requirements on time, every time and within your budget

Established in 1984, Newgate has grown to become a market leader; setting the pace in design, manufacturing and installation of bespoke, cost effective and reliable security gates, barriers, turnstiles and car parking/traffic control equipment.

We operate from one of the most modern design and manufacturing facilities in the business and employ a team of highly skilled engineers. From here we are geographically well placed to meet the needs of our wide customer base, which spans manufacturing, service companies, leisure operators and local authorities.

Our sales team are always on hand to offer you a feasibility survey including a comprehensive specification and quotation, This ensures we can meet your requirements on time, every time and within your budget.

Installations include airports, MoD bases, hospitals, chemical plants, petroleum plants, power generation sites, car and lorry parks, theme parks, hotels, caravan parks, shopping centres, retail parks, manufacturing facilities and office developments.

Our current client list includes: Heathrow Airport, Rolls Royce, Asda, Tesco, Boots, Waitrose, Sainsburys, Landrover, Ford, Bowmer & Kirkland, Laing O'Rourke and many more.

Challenger Rising Arm Barrier

Reliable and uncompromising, the ever popular Newgate Challenger sets the standard for the very latest in quick to install, cost effective and simple to operate traffic barrier technology

Manufactured from high quality steel and combining inverter drives and relay logic, the Challenger provides smooth and consistant operation in the most demanding parking environments. These include staff, visitor and underground car parks in commercial, retail, public and private sectors.

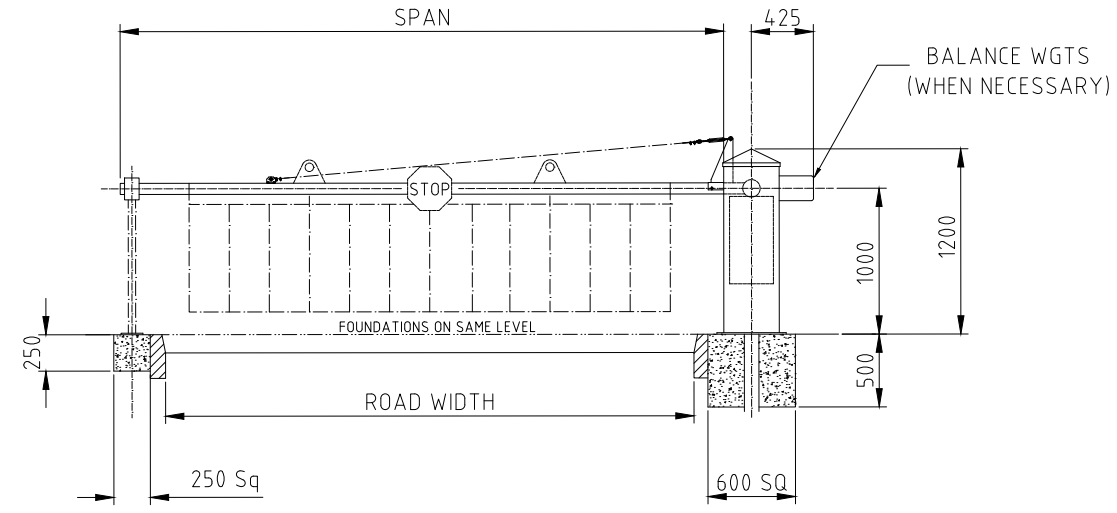
The Challenger barrier can be controlled from a manned security point or automatically by the vehicle occupant, using a wide range of access control systems. Proximity card, radio, token, keypad and intercom, to name, but a few. These, combined with induction loop or photocell facilities, ensure that the barrier arm will open/close smoothly, safely and efficiently upon activation.

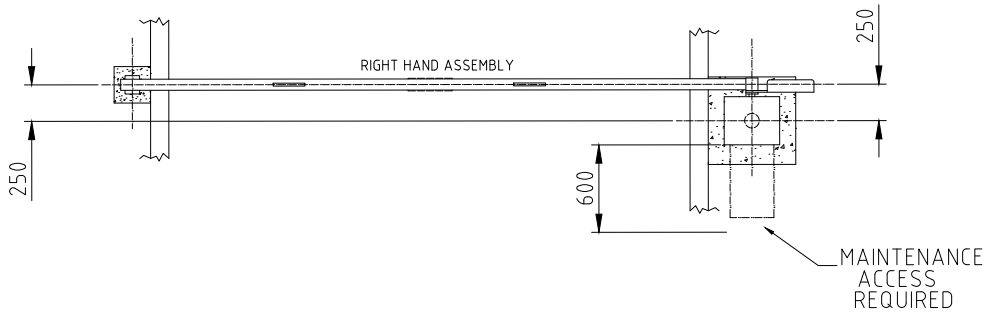
Challenger conforms to BS6571 and meets the stringent requirements of local authorities, government departments,The Ministry of Defence and other specifying bodies in the UK and international market places.

> The Challenger provides smooth and consistent operation in the most demanding environments

Construction	Frame - Steel Arm - Aluminium
Span(s)	Up to 7000mm (without curtain) Up to 6000mm (with half curtain) Up to 4500mm (Hi-Bar curtain)
Dimensions	See details below
Drive Unit	Motor and Gearbox
Operating Supply	230v 1Ph 50hz - 6 amps
Operating Speed	2.0 to 7.0 seconds
Power	0.37 Kw

Standard Opening	90 Degrees
Manual Operation	Included as Standard
Finish	Cabinet - Red (corporate colours available on request) Top Cover - White Arm - Red / White
Control Options	Card, Radio, Token, Keypad, Intercom, Push Button, Vehicle Transponder Induction Loop and Photocell
Safety Features	Induction Loop or Photocell safety available on request
Accessories	Corporate Colours, Stop Signs, Boom Lights, PVC Half/ Full Curtains, Tip Support Post, Access Reader Posts
Approved Standards	C.E. BS6571 PT4





Heavy Duty Rising Arm Barrier

From lorry parks, warehouses, freight depots, docks, road and private rail bridges, the Newgate Heavy Duty rising arm traffic barrier is the one unit that will withstand the extremes of traffic flow, site and weather conditions.

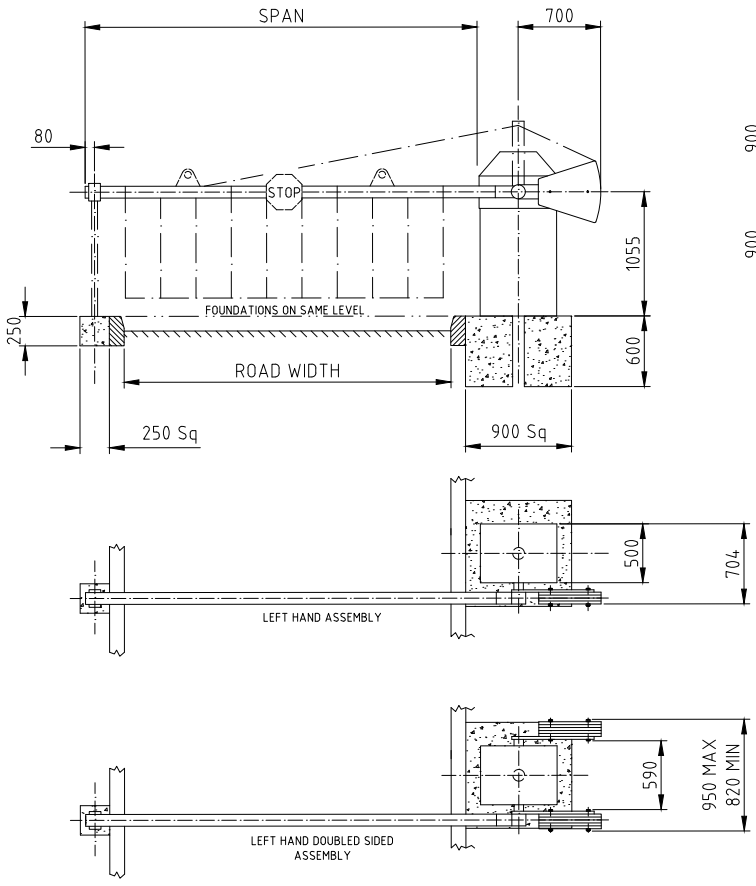
Capable of spanning openings of up to 9 metres, the tough and durable unit is operated by a powerful motor and gearbox drive unit, which is inverter driven and housed in a steel/fibreglass enclosure. Operation is provided by a single phase power supply. The sturdy aluminium barrier arm can be fitted with a long lasting and lightweight PVC half or full height curtain.

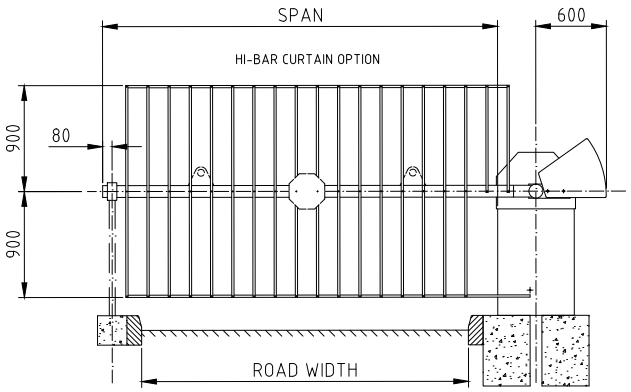
The Heavy Duty barrier can be controlled from a manned security point or automatically by the vehicle occupant, using a wide range of access control systems. Proximity card, radio , token, keypad and intercom, combined with induction loop or photocell safety and close facilities, ensure the barrier arm will open smoothly and efficiently upon activation.

> A barrier that will withstand the extremes of traffic flow, site and weather conditions

Construction	Frame - Steel Top Cover - Fibreglass Arm - Aluminium
Span(s)	Up to 9000mm (without curtain) Up to 8000mm (with half curtain) Up to 6500mm (with full curtain)
Dimensions	See details below
Drive Unit	Motor and Gearbox
Operating Supply	230v 1Ph 50hz - 6 amps
Operating Speed	5.0 to 7.0 seconds
Power	0.37 Kw

Standard Opening	90 Degrees
Manual Operation	Included as Standard
Finish	Cabinet - Red (corporate colours available on request) Top Cover - White Arm - Red / White
Control Options	Card, Radio, Token, Keypad, Intercom, Push Button, Vehicle Transponder Induction Loop and Photocell
Safety Features	Induction Loop or Photocell safety available on request
Accessories	Corporate Colours, Stop Signs, Boom Lights, PVC Half/ Full Curtains, Tip Support Post, Access Reader Posts
Approved Standards	C.E. BS6571 PT4





Manually Operated Barriers

The Newgate range of manually operated Rising Arm Barriers, Height Restrictors and Swing Arm Barriers are an ideal solution for security-patrolled car parks or occasional-use sites.

Manual Rising Arm Barrier

The Manual Rising Arm Barrier is an ideal solution for staff parking areas or larger multi-use sites, or park and ride facility. The sturdy steel construction and aluminium pole arm can span openings of up to 8.5 metres (17 metres with a pair of barriers), and can be locked in the raised and lowered positions, providing peace of mind during overnight periods when the parking area is not in use.

Manual Swing Arm Barrier

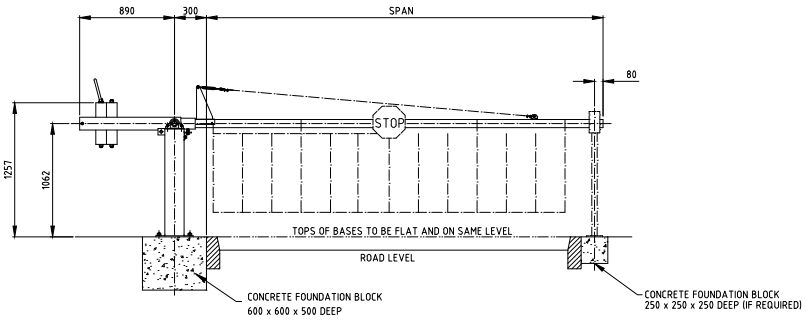
The Manual Swing Arm Barrier, constructed from steel rectangular hollow section boasts a sturdy arm to prevent access to un-authorised areas such as, manufacturing plants, waste sites and roadways. Lockable in both open and closed positions, the barrier is supplied with two locking posts as standard. This unit is ideal for remote or un-manned locations.

Manual Height Restrictor

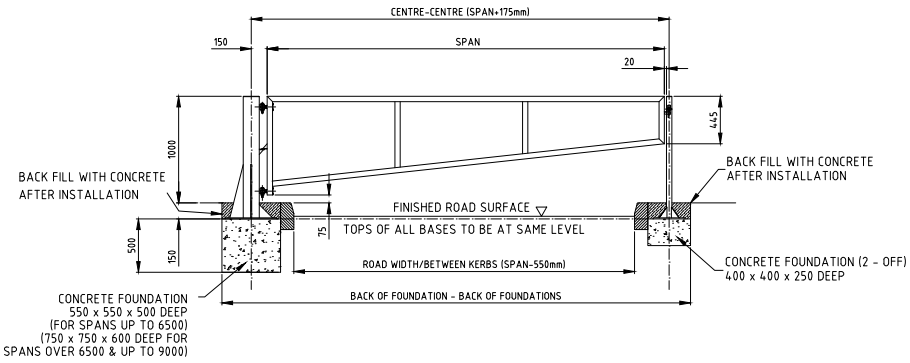
The Fixed Arm Manual Height Restrictor (pictured top right) is manufactured from high quality steel rectangular hollow section and an aluminium top member. This unit can be used to prevent access to un-authorised areas, such as staff car parks or underground car parks, where height restrictions apply. A manual swing arm height restrictor is also available. Fitted with a release mechanism, which allows entry for authorised vehicles, this option can be locked in both the open and closed positions. Prominently positioned signage (on both types) advises vehicle users of the height restriction.

“A cost effective access control solution for security-patrolled car parks”

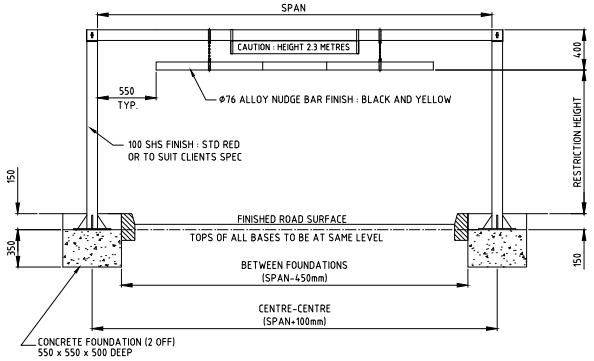
Manual Rising Arm Barrier



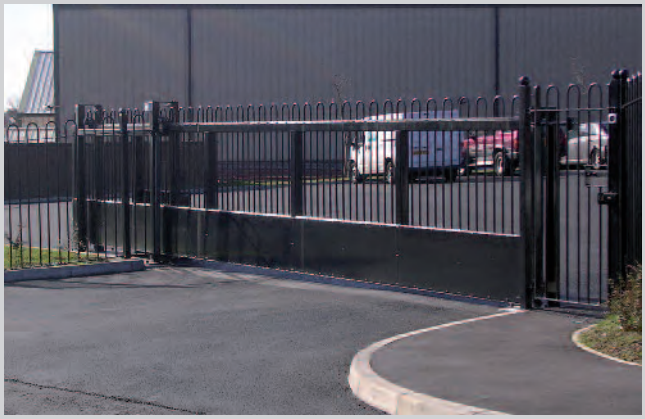
Manual Swing Arm Barrier



Manual Height Restrictor (Fixed or Swing Arm options available)



Type 1 Electric Sliding Gate



A robust and heavy-duty design, the Type 1 sliding gate delivers high performance levels time after time. It is available in two styles, cantilever for spans of up to 9.5 metres (single leaf) or 19 metres (double leaf) and tracked up to 17.5 metres (single leaf) or 35 metres (double leaf).

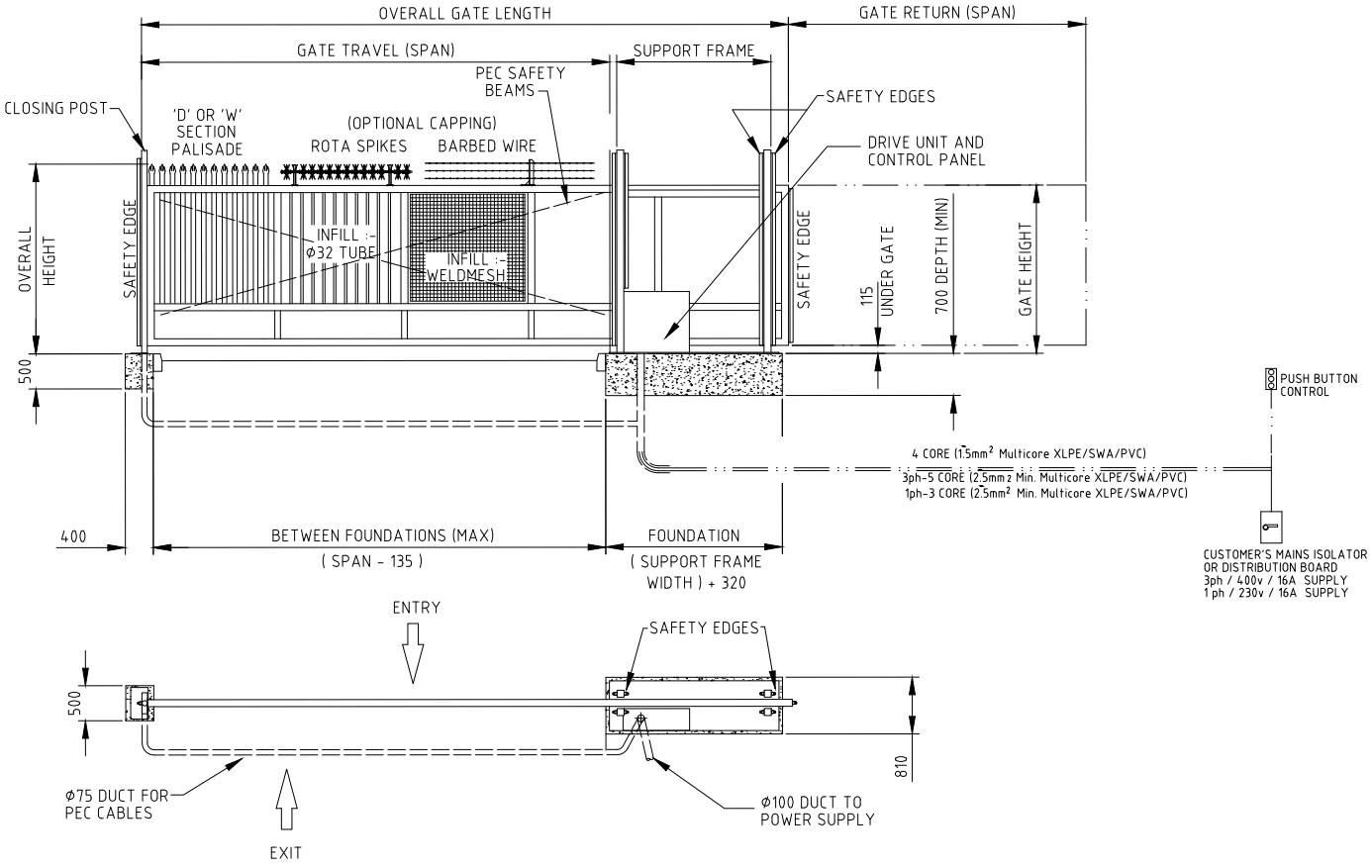
The frame and guide roller stanchions are manufactured from rectangular hollow section, with several infills available (such as palisade, tube or mesh) to suit site requirements. From its high quality and well proven motor and gearbox drive unit, the gate responds quickly to operator instructions. The double roller assembly located at the top and bottom of the gate ensures maximum rolling efficiency when opening and closing.

Smooth, reliable and easy to use, the gate can be controlled by a wide range of access systems including proximity card, push button, keypad, token and radio control. These, combined with induction loop or photocell safety and close facilities, makes this gate the one to choose on high risk and security conscious sites.

Other standard features include a manual operation override facility in case of power failure and a safety edge system, to prevent the gate closing on pedestrians or vehicles.

"Smooth, reliable and easy to use"

Construction	Frame - Steel, Rectangular hollow section Infill - Tube, Mesh, Palisade, Bar, Wood	**Standard Opening**	As Span
Span(s)	Cantilever - 9500mm max Tracked -17500mm max	**Manual Operation**	Included as Standard
Dimensions	See details below	**Finish**	Standard - 3 x Coat paint treatment Optional - Galvanised / Zinc coated
Drive Unit	Motor and Gearbox / Chain Rack	**Control Options**	Card, Radio, Token, Keypad, Intercom, Push Button, Vehicle Transponder, Induction Loop and Photocell
Operating Supply	230v 1Ph 50hz - 16 amps	**Safety Features**	Standard - Ten (10) Safety Edges, CAT.3 & Photocells Optional - Induction Loop
Operating Speed	200mm/sec	**Accessories**	Fire Alarm Activation. Barbed Wire, Rotor Spikes, Audible Alarm, Flashing Beacon, Access Reader Posts
Power	1.5 Kw	**Approved Standards**	C.E. BSEN13241 / BSEN12453



Type 3 Electric Sliding Gate

The Type 3 Electric Sliding Gate delivers high performance time after time in the most demanding environments. The gate can span openings of 7 metres (single leaf) or up to 14 metres (double leaf) in a cantilever construction.

The frame and stanchions are manufactured using rectangular hollow section and a variety of infill options are available. From its high quality motor and gearbox drive unit and PCB control the gate responds quickly to operator instructions.

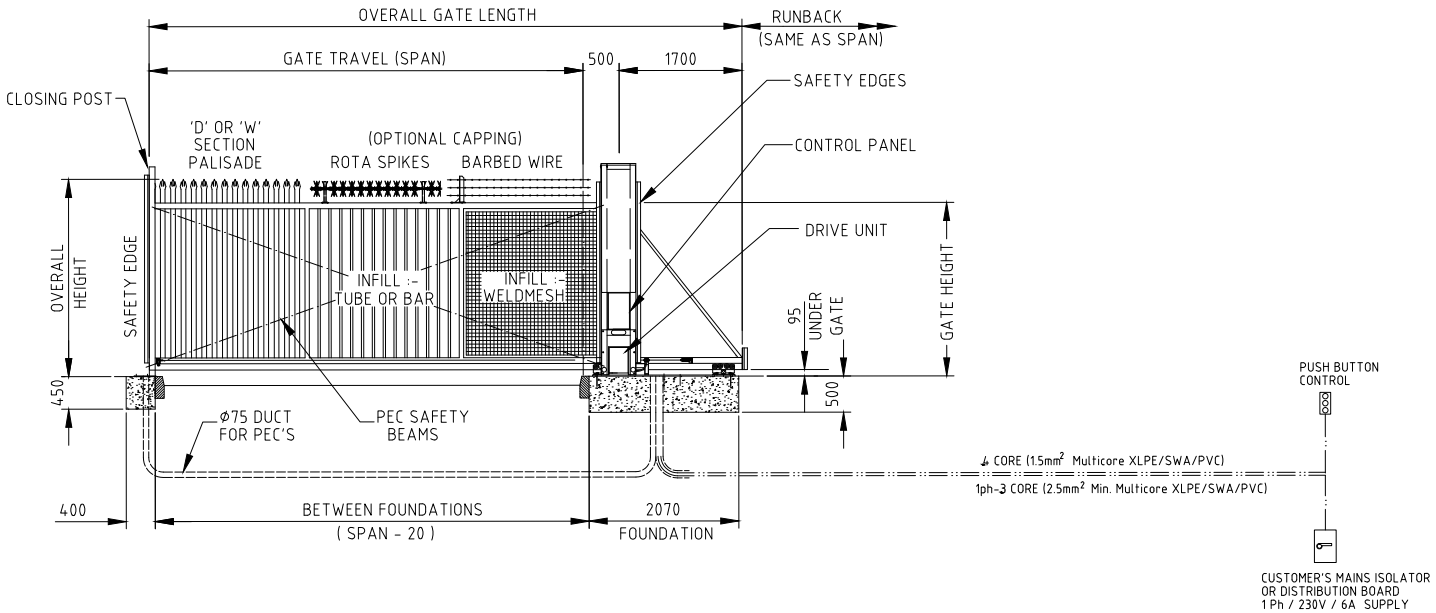
The gates can be operated by a wide range of access control systems such as proximity card, push button, keypad or radio control. These, combined with induction loop or photocell safety and close facilities make them simple and reliable to operate.

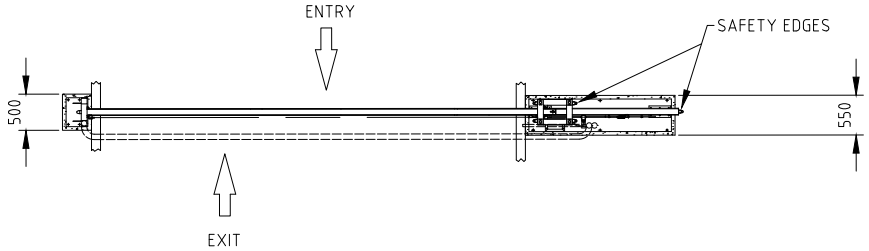
Standard features include a manual operating override facility in case of power failure and a safety edge system, to prevent the gate closing on pedestrians or vehicles.

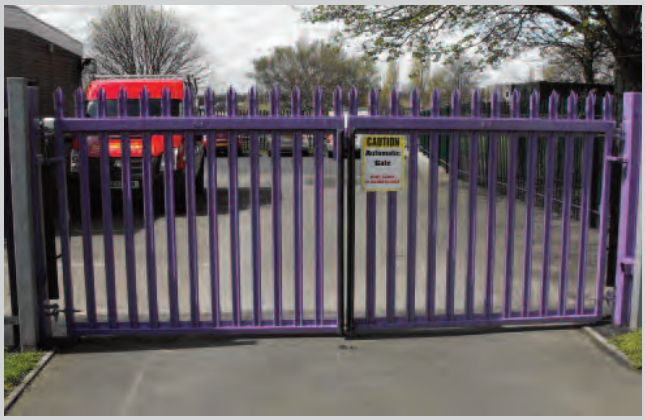
Gate cappings / barbed wire gate tops, fire alarm activation and audible alarms are available as optional extras.

“Delivering high performance in the most demanding environments”

Construction	Frame - Steel, Rectangular hollow section Infill - Tube, Mesh, Palisade, Bar, Wood	**Standard Opening**	As Span
Span(s)	Cantilever - 7000mm max Tracked - Not Available	**Manual Operation**	Included as Standard
Dimensions	See details below	**Finish**	Standard - 3 x Coat paint treatment Optional - Galvanised / Zinc coated
Drive Unit	Motor and Gearbox / Drive Rack	**Control Options**	Card, Radio, Token, Keypad, Intercom, Push Button, Vehicle Transponder, Induction Loop and Photocell
Operating Supply	230v 1Ph 50hz - 6 amps	**Safety Features**	Standard - Ten (10) Safety Edges, CAT.3 & Photocells Optional - Induction Loop
Operating Speed	150mm/sec	**Accessories**	Fire Alarm Activation, Barbed Wire, Rotor Spikes, Audible Alarm, Flashing Beacon, Access Reader Posts
Power	1 Kw	**Approved Standards**	C.E. BSEN13241 / BSEN12453







Electric Swing Gate

High security applications demand high performance solutions. Newgate swing gates, with their robust design, delivers this and more besides.

Manufactured in rectangular hollow section and offering a variety of infill options. The powerful electric motor and gearbox unit, with integral manual operation (incorporated as standard), ensures constant and trouble free use, even at the most arduous sites.

Single leaf gates of up to 7 metres and double leaf gates of up to 14 metres, all open to a minimum of 90 degrees and provide maximum vehicular access, making the swing gate ideal protection for high risk security sites, such as warehouses, factories and military establishments.

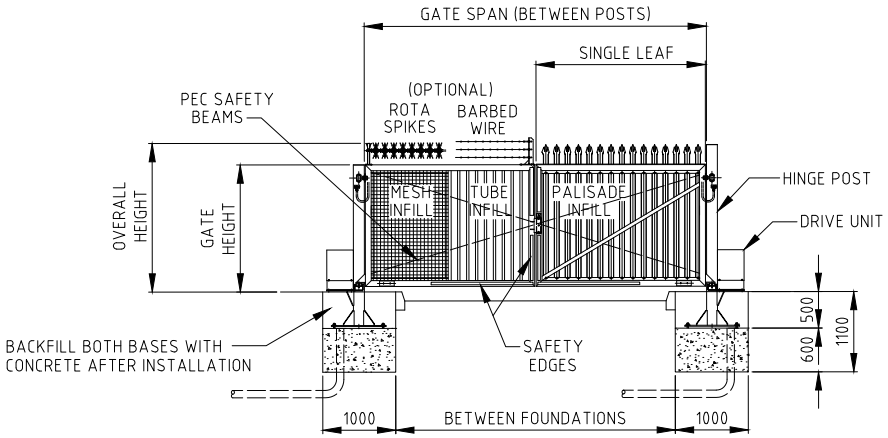
Smooth, reliable and easy to use, the gates can be operated by a wide range of access control systems such as proximity card, push button, keypad, token or radio control. These, combined with induction loop or photocell safety and close facilities, make the Newgate swing gate the one to choose on high risk and security conscious sites.

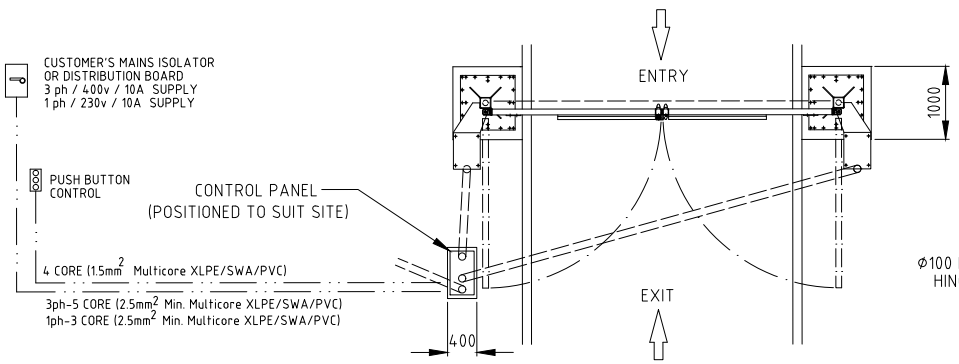
Manually operated swing gates are also available, built to the same level of design, construction and finish.

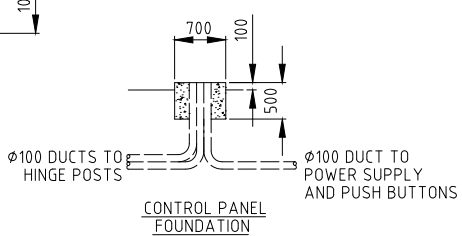
> "High security applications demand high performance solutions"

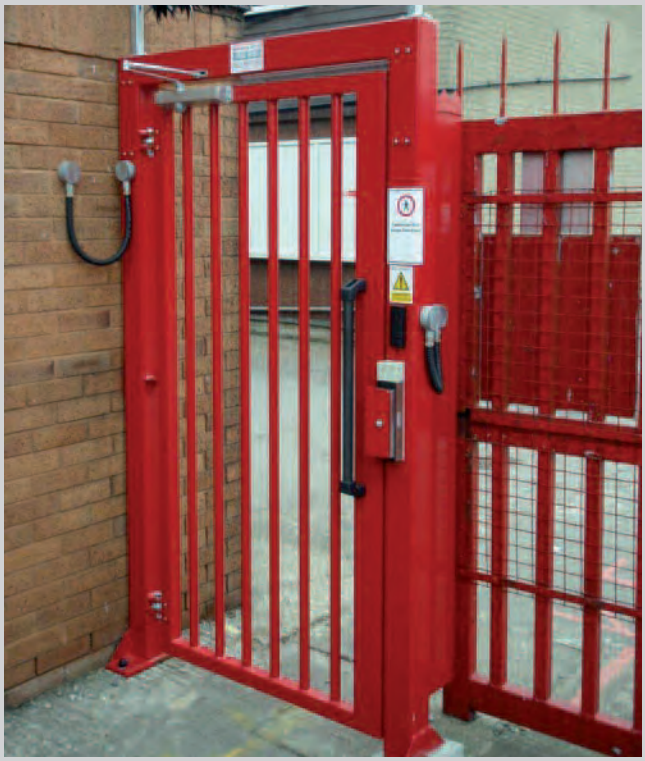
Construction	Frame - Steel, Rectangular hollow section Infill - Tube, Mesh, Palisade, Bar, Wood	**Standard Opening**	Standard - 90 degrees Special - Upon Request
Span(s)	Single Leaf - 7000mm Pair -14000mm O/A	**Manual Operation**	Included as Standard
Dimensions	See details below	**Finish**	Standard - 3 x Coat paint treatment Optional - Galvanised / Zinc coated
Drive Unit	Motor and Gearbox	**Control Options**	Card, Radio, Token, Keypad, Intercom, Push Button, Vehicle Transponder, Induction Loop and Photocell
Operating Supply	230v 1Ph 50hz - 10 amps	**Safety Features**	Standard - Ten (10) Safety Edges, CAT.3 & Photocells Optional - Induction Loop
Operating Speed	Standard - 20 seconds	**Accessories**	Fire Alarm Activation, Barbed Wire, Rotor Spikes, Audible Alarm, Flashing Beacon, Access Reader Posts
Power	0.25 Kw / Leaf	**Approved Standards**	C.E. BSEN12453

INFILL OPTIONS:-
TUBE, BAR, MESH, PALISADE, ETC.









Pedestrian Gate/ Turnstile

Pedestrian Swing Gate

Pedestrian access gates provide peace of mind in today's uncertain world. They control the movement of authorised users and deter those not permitted on to site, or into an enclosed or restricted area.

Newgate Semi Automatic Pedestrian gates, combined with an electric lock and automatic closing device, 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.

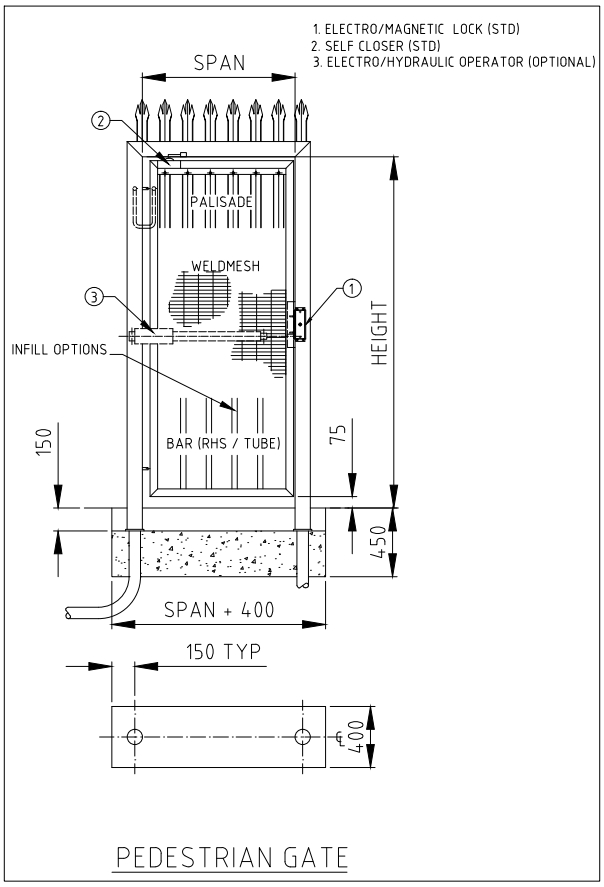
Turnstile

The new generation of multi-functional full and half height turnstiles - ideal for all applications are also available from Newgate. Incorporating the very latest in modern design and styling to ensure maximum convenience and easy to use. Our units are manufactured from mild or stainless steel (optional) for lasting and maintenance free performance. Basic features, such as 90 degree or 120 degree rotor assemblies, canopies, down lights and fire alarm activation to engage free rotation, are available to suit your individual requirements.

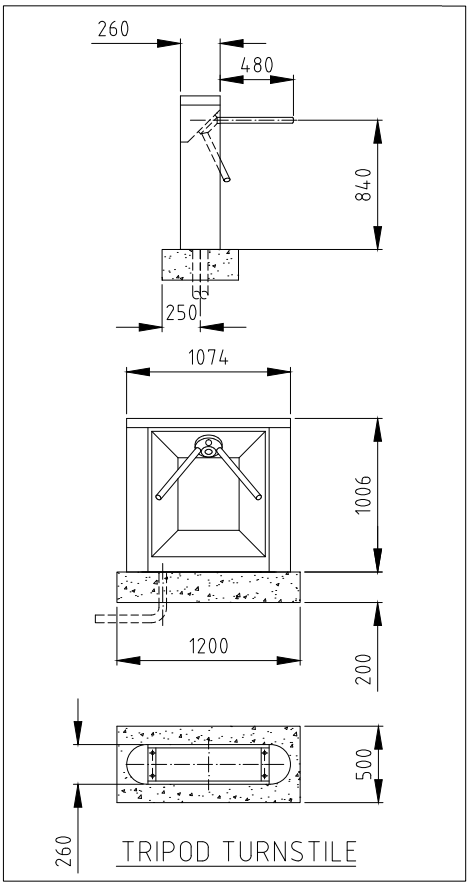
A range of access control systems, such as card, push button, intercom or keypad, provide secure entry and exit for restricted areas.

Corporate colour schemes can be applied to the turnstiles often at little or no extra cost.

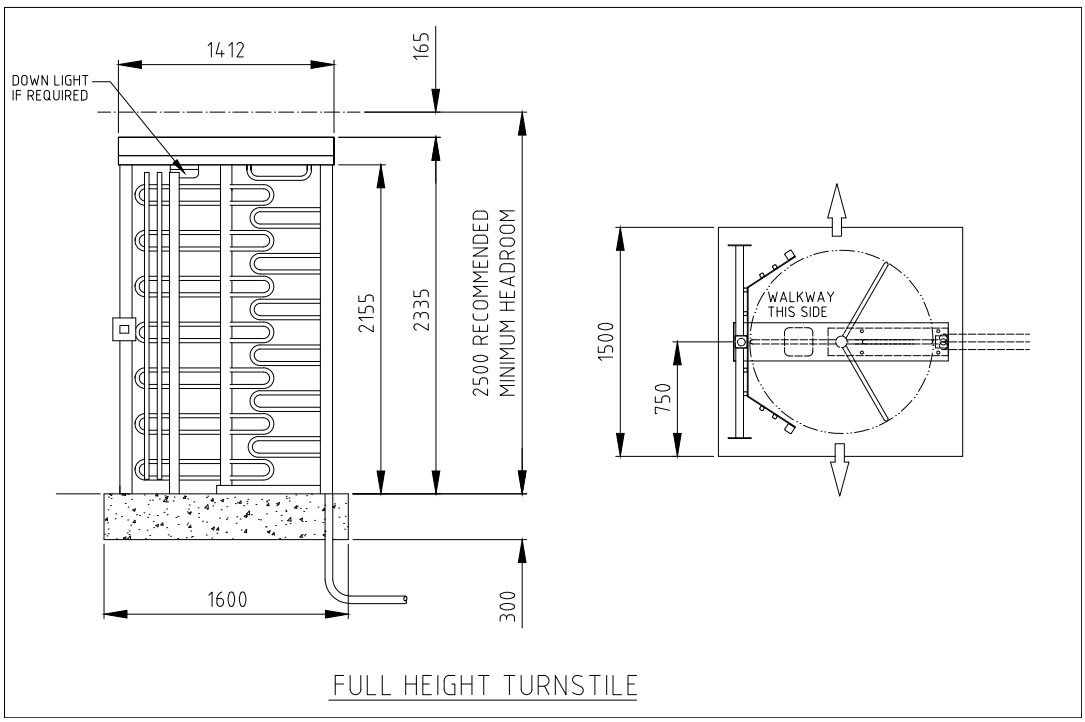
“They control the movement of authorised users and deter those not permitted onto site”



PEDESTRIAN GATE



TRIPOD TURNSTILE



FULL HEIGHT TURNSTILE

Electric Rising Kerb Barrier

Tough, reliable and un-compromising - Newgate's quick response, hydraulically operated Rising Kerb Barrier provides the perfect solution for unwanted vehicle access in both manned and unmanned vehicle parks. They also provide the perfect deterrent against the most determined intruder.

Available in two types and six sizes, the Rising Kerb is designed to withstand axle weights of 3 tonnes (type A - 2 metres and 2.5 metres) and 12 tonnes (type B - 2.5 metres, 3 metres, 3.9 metres and 4.9 metres).

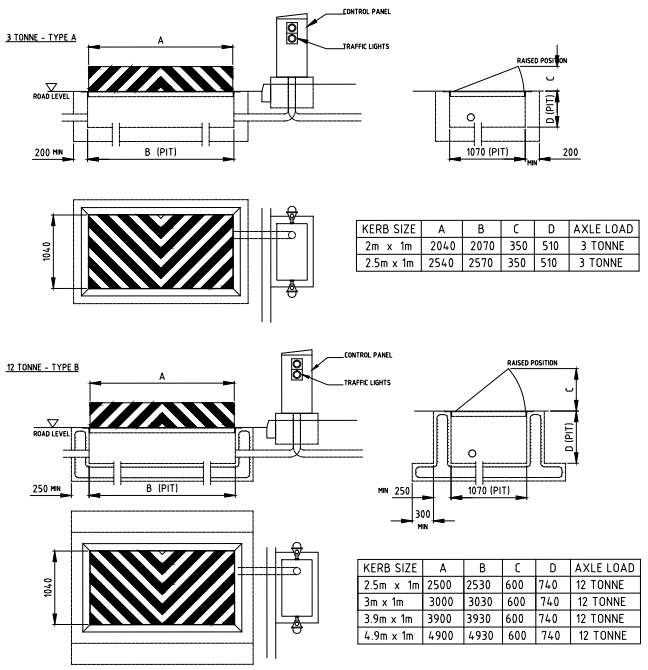
Manufactured from a welded rectangular hollow section frame and durbar top plate, the Rising Kerb features a hydraulic power pack to raise and lower the unit smoothly. A state of the art programmable logic controller co-ordinates the hydraulics, access control and traffic light signaling system. During power failure an emergency lowering facility is fitted 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 rising kerb opens and closes smoothly on each activation.

“Tough, reliable and un-compromising”

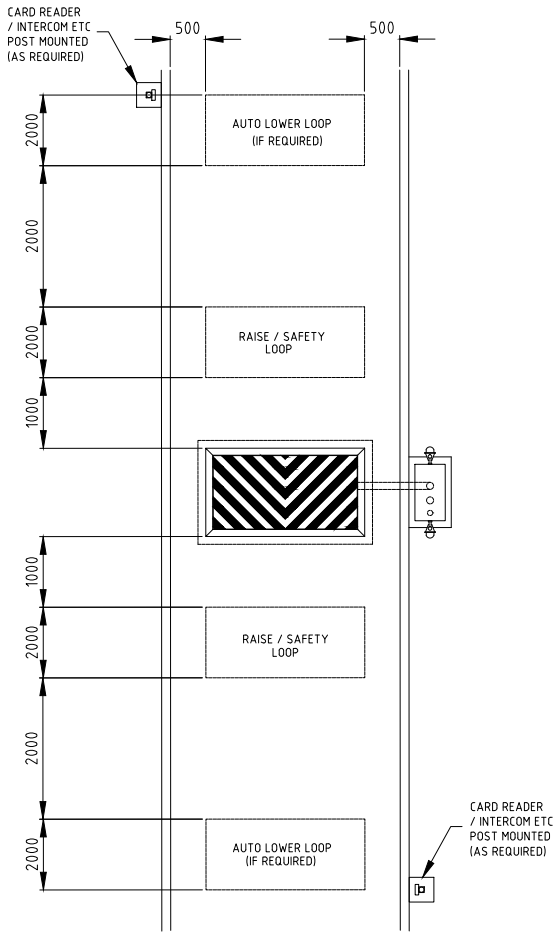
Construction	Frame - Steel, Rectangular hollow section Top Plate - Durbar
Span(s)	See details below
Dimensions	See details below
Drive Unit	Hydraulic Power Pack
Operating Supply	400v 3Ph + neutral + earth 50Hz - 10 amps 230v 1Ph 50Hz - 16 amps
Operating Speed	Type A - 3.0 seconds Type B - 5.0 seconds
Power	Type A - 1.5Kw Type B - 1.5Kw

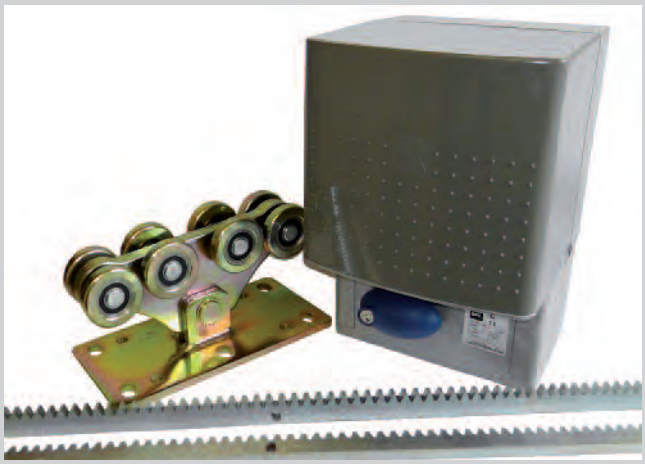
Standard Opening	Type A - 350mm Lift Type B - 600mm Lift
Manual Operation	Emergency Lower included as Standard
Finish	Galvanised + Paint (yellow/black)
Control Options	Card, Radio, Token, Keypad, Intercom, Push Button, Vehicle Transponder, Induction Loop and Photocell
Safety Features	Induction Loop or Photocell - Both available on request
Accessories	Two(2) Pairs - Red / Green Traffic Lights included as standard
Approved Standards	C.E. BS6571 PT4



KERB SIZE	A	B	C	D	AXLE LOAD
2m x 1m	2040	2070	350	510	3 TONNE
2.5m x 1m	2540	2570	350	510	3 TONNE

KERB SIZE	A	B	C	D	AXLE LOAD
2.5m x 1m	2500	2530	600	740	12 TONNE
3m x 1m	3000	3030	600	740	12 TONNE
3.9m x 1m	3900	3930	600	740	12 TONNE
4.9m x 1m	4900	4930	600	740	12 TONNE





Gate Automation

Manually operated gates benefit every time with the range of Newgate drive units, designed for every type of construction and style.

The Electric Ram is suitable for domestic and lightweight gate applications.

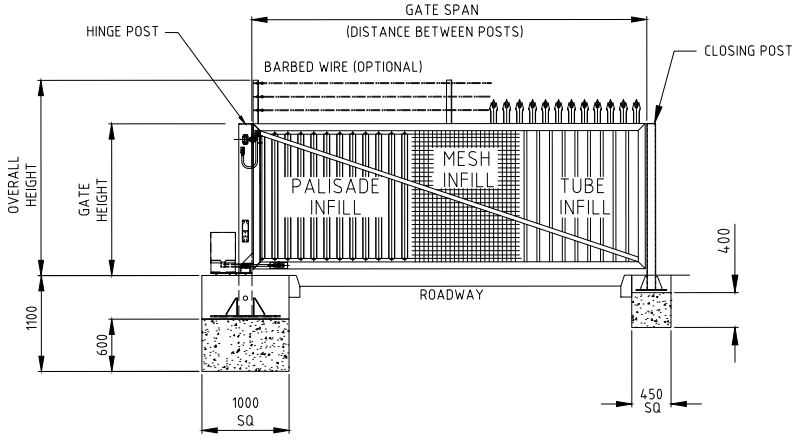
The motor and gearbox drive units are available for heavier or more industrial applications up to single leaf widths of 7 metres and double leaf widths of 14 metres.

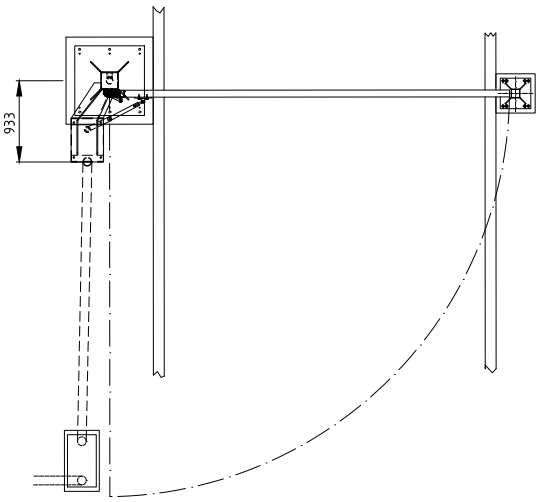
A variety of access control options are available including, proximity card, radio, token, keypad and intercom. These, combined with induction loop or photocell safety and close facilities, ensure that the single or double leaf gates will open and close smoothly and efficiently upon activation.

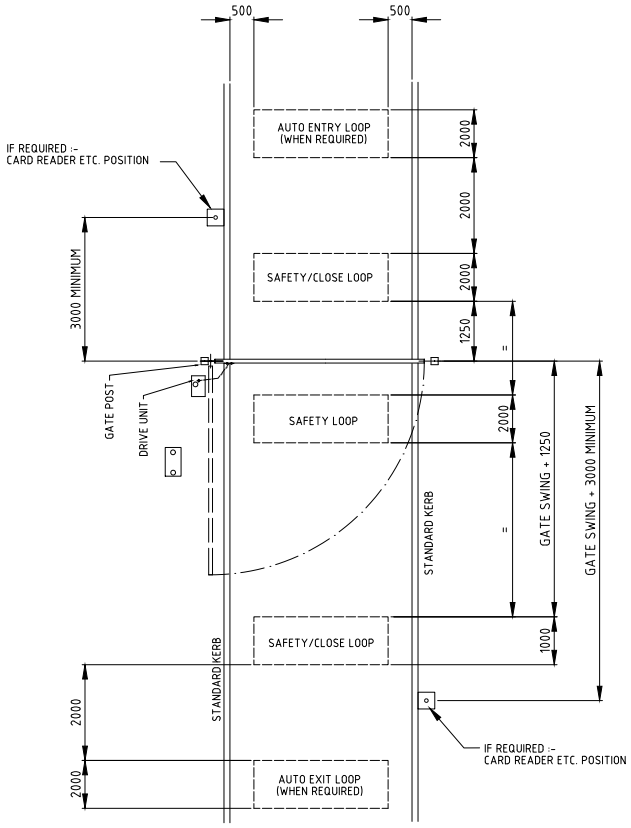
A manual control is incorporated as standard and single or three phase operating systems are available to suit individual applications.

“Designed for every type of construction and style”

Construction	Existing Gate(s)	**Standard Opening**	Swing - 90 Degrees Slide - As Span
Span(s)	Domestic Swing - 2000mm Domestic Slide - 6000mm Industrial Swing - 7000mm Industrial Slide - 9500mm	**Manual Operation**	Included as Standard
Dimensions	See details below	**Finish**	N/A
Drive Unit	Domestic - Electric Ram Industrial - Motor + Gearbox	**Control Options**	Card, Radio, Token, Keypad, Intercom, Push Button, Vehicle Transponder, Induction Loop and Photocell
Operating Supply	Electric Ram - 230v 1Ph 50hz Motor + Gearbox - 230v 1Ph 50hz	**Safety Accessories**	Induction Loop, Photocell or Safety Edge available on request
Operating Speed	Available on request	**Accessories**	Fire Alarm Activation, Audible Alarm, Flashing Beacon, Access Reader Posts
Power	Available on request	**Approved Standards**	C.E.







Controls and Accessories

At Newgate we provide and install a wide range of access control systems and accessories including:-.

1. Token Acceptor
2. Proximity Card Reader
3. Push Button Station
4. Intercom Range
5. Boom Lights
6. Key Pad
7. Radio Control
8. Vehicle Transponder
9. Tip Support Posts
10. Card Reader Posts
11. Boom Signage
12. Electro - Magnetic Tip Support Post
13. Traffic Lights

“We operate from one of the most modern design and manufacturing facilities in the business”

1 Token Acceptor

2 Proximity Card Reader

3 Push Button Station

4 Intercom Range

Boom Lights

5

6

Key Pad

Radio Control

7

8 Vehicle Transponder

9 Tip Support Posts

10 Card Reader Posts

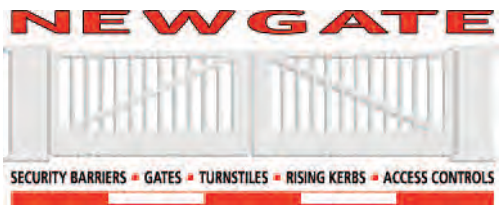
11 Boom Signage

12 Electro - Magnetic Tip Support Post

13 Traffic Lights

Clients include:

Tesco, Heathrow Airport, Hertz Rental, Forte Hotels,
Marriott Hotels, Trafford Centre,
Bluewater Shopping Centre, Rolls Royce, Kodak, Nissan,
Boots, Canary Wharf, Tower Bridge, Ikea,
British Aerospace, Cadburys, Whitbread Hotels,
Tees & Hartlepool Authority, British Telecom, Shell UK,
B&Q, Anglian Water and Severn-Trent Water, Alton Towers,
Asda, Landrover and Coca Cola.



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