

procter

A U T O M A T I C G A T E S

FIRST CHOICE SOLUTIONS FOR ARCHITECTS, SPECIFIERS AND CONTRACTORS



www.automatic-electricgates.co.uk

Procter Automatic Gates

Procter Automatic Gates is a UK leader in the design, manufacture and installation of automatic hinged, sliding, telescopic and bi-folding gates. Our gates can be found protecting large

industrial facilities, utility complexes, schools and transport hubs across the country. Gate safety is absolutely central to our business philosophy, and all our gates are CE marked to demonstrate

Design Manufacture & Installation

compliance. They match or exceed the legal requirements for health & safety. Our experience in the design, manufacture and installation of gates goes back more than 100 years, and as

the automation of gates increased over the decades so Procter has been at the forefront of innovation and gate safety.

Service



We offer a comprehensive nationwide service to survey, manufacture, install and commission automatic gates from our 3 bases in the UK. There are typically five main stages to our service:

Technical Consultation and Site Survey

The first stage in a project would normally be a site survey, and for this, one of our highly experienced team will discuss with the customer the exact requirements such as gate type, specification, access control and finish etc. Importantly and as an independent manufacturer with a full range of gate types and material choices available, we are able to discuss and propose options that represent the optimum specification of any type of automatic gate to suit our customers' exact needs.

Custom Design Service

With the gate type and the basis of a design agreed, we would then fully detail the design of the automatic gate. As with all aspects of our offer, this custom design service is carried out by our own highly skilled personnel.

Detailed Proposal

Our fully detailed proposal will include a quotation with a guarantee that there are no hidden costs.

Manufacture

Once the proposal is agreed, manufacture takes place at our own factory in Leeds, giving us complete control over quality, costs, and ensuring delivery and installation is on the day we promised.

Installation and commissioning

Installation of all our automatic gates is carried out by our own highly experienced, skilled and qualified teams – see notes below under Safety and Accreditation. We also won't be in anyone's way for too long, as installation can normally be completed in just one day. Of course the gate is fully checked for all safety aspects as part of the commissioning process and is then CE marked. Procter Automatic Gates is one of the founding members of the Powered Gate Group of DHF, which was established with support from the Health & Safety Executive (HSE) in response to serious concerns about the safety of automatic gates, and this following the tragic deaths of children due to unsafe powered gates.

Experience, Expertise & Compliance

We have been proactive in promoting the highest standards of safety for automatic gates, whether these are sliding gates, swing gates, bi-folding gates, or telescopic gates. Our high-level involvement includes designing and delivering training on powered gate safety, and promoting this to specifiers, contractors, facilities managers, industrial, commercial and private users of automatic gates.

As part of a working group of experts following HSE guidance, we have participated in developing the most comprehensive training course for the design and installation of fully compliant and safe automatic gates. A number of our staff have already been on this training course and have been awarded their Powered Gate Group Safety Assured diplomas, with this achieved by passing the tough exam at the end of two days of intensive training which is considered to be the most professional available.

All Procter Automatic Gates are:

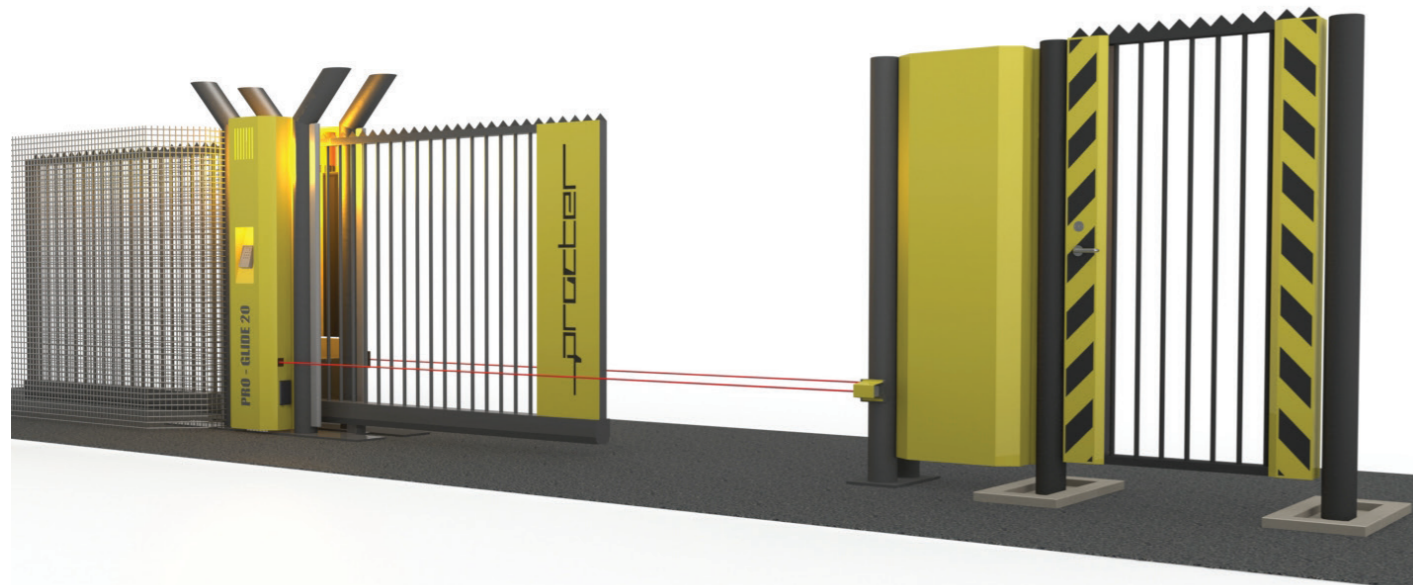
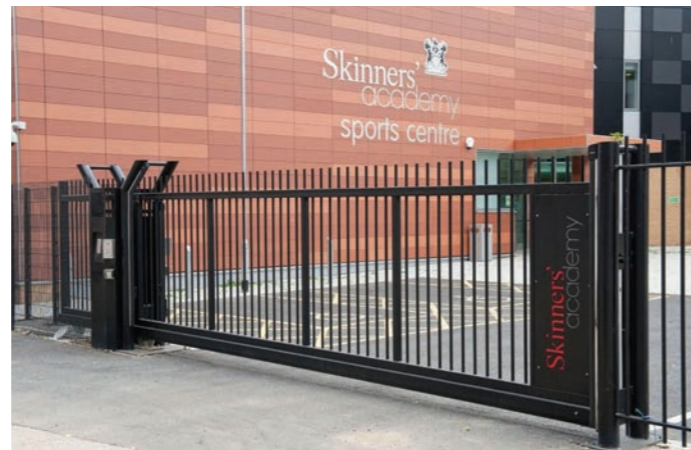
- Designed in accordance with the relevant standards and CE marked as required by current machinery safety legislation.

- Installed by experienced automatic gate specialists.
- All automated gates installations are approved by Procter personnel who have attended the 2-day Powered Gate Group training course and been awarded their diploma who hold a photo I/D card confirming their qualification.
- All Procter powered gates are installed following the codes of conduct for individual holders of diplomas and for the member company.
- Supplied with operator training, operating manuals and a maintenance contract where requested.



Sliding Gates

Sliding gates are available in two main types: Cantilevered and Tracked. Cantilevered gates run suspended above the roadway and therefore do not require a track, whereas tracked gates – as the name suggests – run along a track which is set into the roadway.



There are advantages with both cantilevered and tracked, and it's really a case of which is most appropriate to an individual site. There are a number of considerations but in essence cantilevered gates have the advantage of being able to run over an uneven surface (because the gate is above the ground), with tracked gates being more suitable for very wide openings. In any event when required to do so, we will always advise on the best option.

To achieve the optimum sliding gate solution for any site, it will inevitably mean at least an element of bespoke design. This is because the number of variables is almost endless, such as gate size, finish and the level of security required. As a start point though, we separate our sliding gates for both cantilevered and tracked into three into three main levels of specification: Series 10 Pro-glide, Series 20 Pro-glide, and Series 30 Pro-glide. For details of each specification please see our website.

Telescopic Gates

As the name suggests, telescopic gates work by individual sections of a gate overlapping each other as the gate closes. As with sliding gates, a telescopic gate moves along one straight line, however, a telescopic gate has the advantage that it takes up less space compared to a tracked or cantilevered sliding gate when in the open position.

“Ideal sliding gate for restricted space sites”



This therefore makes it ideal for a site where space is restricted either side of an entrance, but where the entrance itself is relatively wide – a single telescopic gate can be used for an opening of up to 14 metres and a pair for an opening of twice that size.

An important consideration when deciding if a telescopic gate is suitable for the job is how the level the ground is, or can be made to be, below the gate. This is because, and like a tracked sliding gate, a telescopic gate runs on a track and therefore the track needs to be on level ground in order for the gate to operate.

Swing Gates

Despite being the simplest form of automatic gate and certainly the one which has been around for the longest time, for certain applications swing gates are still the most appropriate and cost-effective solution.

“Unlimited choice of sizes, specifications and styles”



Our automatic electric swing gates are in place and fully operational at industrial, commercial and utility sites right across the UK.

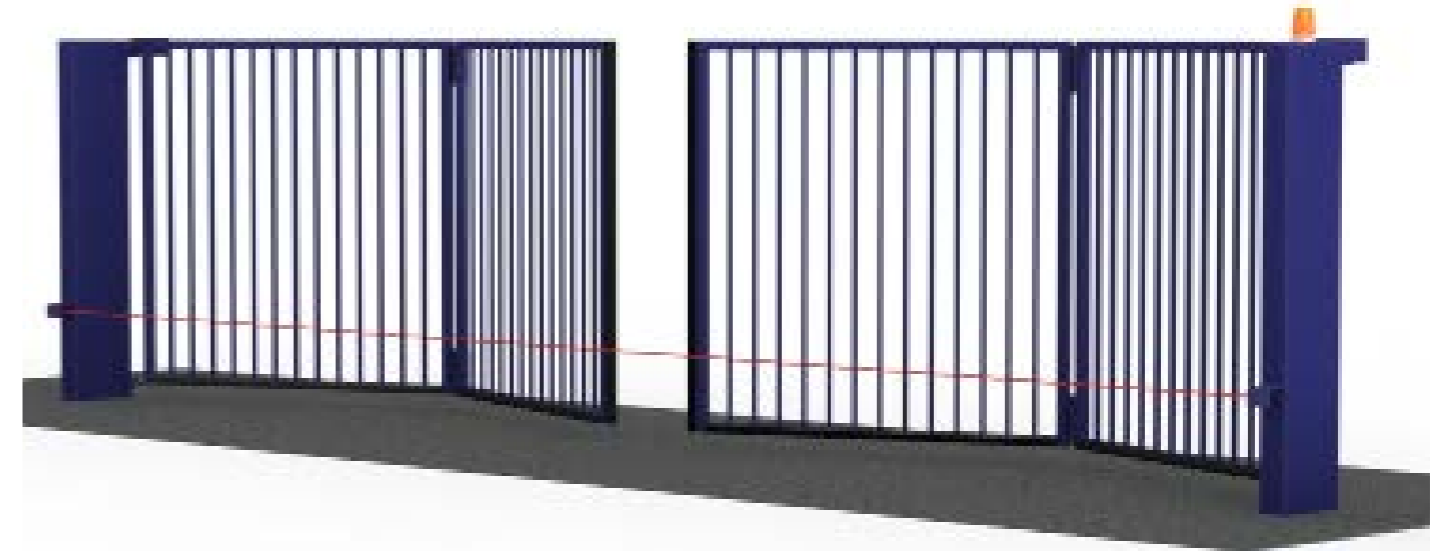
Generally, our automatic swing gates can be separated into four main styles: Welded mesh, Palisade, Balustrade, and Ornamental. However, any type of bespoke swing gate is achievable for us to manufacture, so if what you have in mind isn't among those listed above then contact us to discuss your exact requirements. Once the basic style of gate is determined, other factors we

will take into account as part of agreeing the final specification would include the level of security required (with this having a bearing on a number of elements including gauges of material and gate height etc.), single or double leaf gates, type of access control – e.g. automated or remote control etc. – and of course the visual appearance.

Bi Fold Gates

Bi-folding gates, or speed gates or bi-fold gates as they're also called, offer advantages over swing and sliding gates in that they can open and close in less time than a swing or sliding gate, plus take up less space when in the open position.

“Fast & compact - for rapid access in a limited space”



Bi-folding gates are ideal for high levels of vehicle traffic where it's important the gate closes after each individual vehicle then quickly opens again for the next one. Our 100 years plus of innovative design, skilled manufacture and careful installation is what underpins our offer for the relatively new automatic bi-folding speed gates. As with all gate types, we've started with the basic principle and then refined and developed it to ensure both reliable and safe operation. The opening and closing speed of our bi-folding gates can be as low as seven seconds, though this will of course

depend on other factors and in particular the size of the entrance span the gate needs to cover. Compared to a swing gate, bi-folding gates can more easily cope with gradients as the full span of the gate obviously does not extend to the same length when it opens and closes.

Bespoke Gates

On a specification level, all our gates are bespoke because they need to take account of individual site requirements which will invariably always be different.

So whether the gate be sliding, telescopic, bi-folding or swing, every gate we produce is unique in some way.



“Custom made for your application, style and brand”

Beyond technical specification though, aesthetics can also be an obvious factor in making a gate unique. And for some locations and applications the aesthetic appearance of an entrance can be very important – e.g. a school or prestigious manufacturing facility. Where this is the case, we're able to design gates which fully take account of any number of visual elements, be they design details from the building the gates protect, to special colours and company or establishment logos.

All such visual enhancements take nothing away from the security and functionality elements of the gates, and are simply there because the nature of the site ideally requires it. We have huge experience in implementing aesthetic design needs on gates, and can work to architects drawings or use the skills of our own designers.

Barriers & Turnstiles

The main type of automatic vehicle barriers we specify and install are automatic rising arm barriers and rising road blockers, and we also offer a full range of access control and safety equipment including, card readers,



Typical applications for automatic rising arm barriers are where controlled vehicle access is needed to a site but the security requirement isn't especially high – for example a staff car park or college entrance. In addition,

“Full site access control options”

Turnstiles are a long-established device to allow the controlled access of people into premises or a designated area of it. Of course the original turnstile was purely a mechanical affair, but with modern technology now being applied there are a host of innovations which enhance this highly-effective invention. Of these innovations it is access control systems which add most value, with a large number of options available including the popular card reader or remote control.

digi-pads, induction loops, infra-red detection devices and radio controls etc.



applications can be where the security requirement is very high but also where the site entrance is permanently manned. For rising road blockers, these are often used to control vehicle access into pedestrianized areas of town centres.

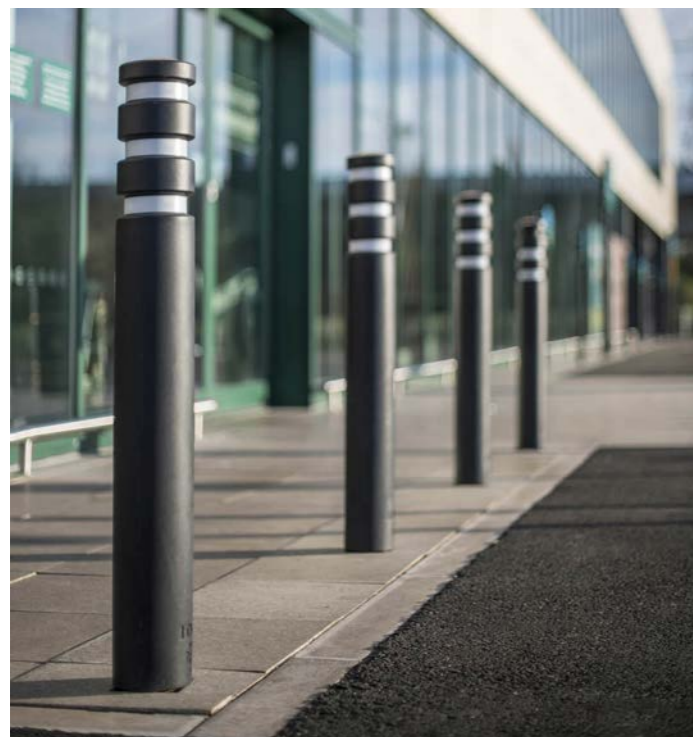


Bollards

Lifting bollards are an excellent way to supplement security and protect vulnerable areas – in particular doorways which can be vulnerable to being rammed by a vehicle.



Static concrete, steel and cast iron bollards can also be supplied, with high-specification anti-terrorist bollards also available.



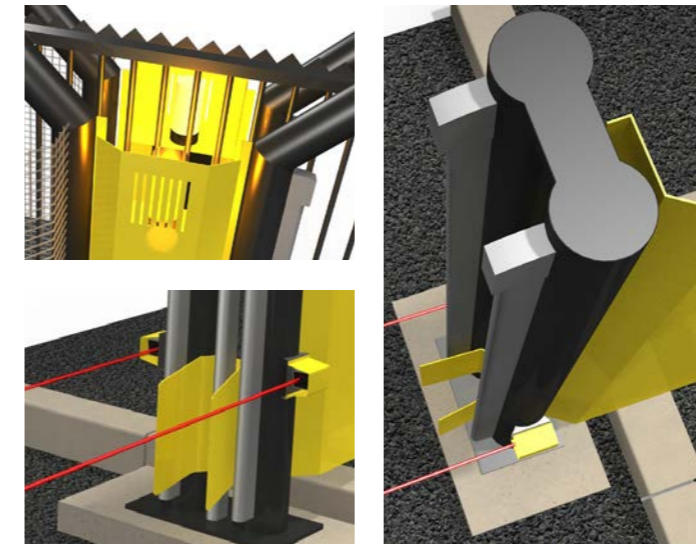
When rising bollards are used, we can also install a wide range of options for access control, such as key switch or remote control and monitored via CCTV.

“Lifting bollards are an excellent way to supplement security and protect vulnerable areas”



Safety Features

There are a range of safety features we use on gates, with the exact choice and specification depending on a range of factors such as vehicle or pedestrian



access. The type of safety features include:-

Safe edge – these are a strip which run along the length of a gate’s edge or gate pillar and cause the gate to reverse its motion if the edge comes into contact with anything.

Light beam – if the beam is broken – e.g. by a person or vehicle – then again the motion of the gate will be reversed.

Flashing warning light – this is activated when the gate is in operation.

Warning sound – again this is activated when the gate is in operation.

Finishes

Our automatic gates are supplied in a selection of high quality durable multi-stage coating finishes that provide product protection for up to 25 years for wet paint and up to 16 years for powder coatings. These systems have been developed to protect against aggressive external environments such as industrial or coastal areas.

Typical coating system options include:-

3 stage powder coating system – pre-treatment by blast clean, powder coating primer, powder coating topcoat.

3 stage wet paint coating system – blast clean zinc-rich primer, zinc-rich intermediate coating and finishing topcoat.

Hot dip galvanised + powder coating – degrease and abrade, etch primer, powder coating topcoat. Each finishing option is available in a wide range of standard colour options with specific colour matches available on request.





Procter Fencing Systems

Comprehensive service for security fencing, gates and barriers.

www.fencing-systems.co.uk



Procter Machine Guarding

Nationwide service to design, manufacture and install safety guards on all kinds of machines.

www.machinesafety.co.uk



Procter Cast Stone

Bespoke Cast Stone specialists. Design, or manufacture to architect designs.

www.caststoneuk.co.uk



Procter Street Furniture

Street furniture designed or manufactured to architect designs for retail and local authority sites.

www.fencing-systems.co.uk



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