



The Bollard People



PRODUCT INFORMATION
& CORPORATE OVERVIEW



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Opposite: Bollards protecting Parliament
Left: Bollards installed in Texas, USA
Middle: Signage forms an important part of safe usage
Right: The ultimate car protected by the ultimate bollards





The bollard marketplace has matured in recent times as companies such as ATG Access move into the bracket of “Specialist Suppliers” and clients expect more and more support and project management services.

ATG Access prides itself on being a solutions provider, we are an engineering company which manufactures bollards and bollard systems for a wide range of applications. We are in the enviable position of being able to offer you first class engineering back up and project management as well as the finest products around.

We can provide:

- Dedicated project management from receipt of order through to project handover
- Site specific foundation designs and drawings
- Site specific system design and layout drawings
- Site specific duct requirement drawings

Our quality system is ISO 9000:2001 accredited, we are Construction Line and Safe Contractor certified, our products are Highways Agency approved and tested to Sold Secure standards, we are also part of the PAS 68 testing programme.

Let our specialist knowledge and expertise take (at least part of) the stress out of delivering a project for you.

Of course, if you just need us to sell you some bollards we can still do that as well.



Opposite: St Pancras station

Above: Rat run closure

Top: Automatic bollards protect parking in Abu Dhabi

Middle: Automatic bollards controlling access to hotel car park

Bottom: Residential security bollard

Legend has it that bollards began life in the 1600's and were designed to represent upended cannons, utilised as boundary posts and other town markers they have evolved into an everyday sight for us all.

Today bollards are a familiar site in every town, county and city. Around our supermarkets, restaurants, hotels, shops, stadiums, everywhere we look around our roads, towns and cities, everywhere we travel on our highways and byways, these days we cannot avoid the sight of bollards.



Left: Automatic Bollards controlling traffic in Belgium
Middle: Manual and fixed bollards protect pedestrians and buildings
Right: ATG Access fixed bollards for perimeter protection



They tell us which direction to travel in, they protect us from crime, they tell us where we can and cannot park, some of them even disappear under the ground when not required, telescopically standing to attention when needed.

The bollard has come a long way since its humble beginnings and, we believe, the future of bollards, bollard systems and bollard technology lies right here at ATG Access.

As we continue a programme of product development driven by listening to our clients we continue to provide solutions to problems ranging from driveway theft of vehicles, the policing of traffic through city centres right up to the protection of personnel and facilities with our anti-terrorist SP range of bollards.

Not only do we strive to reach the highest level of accreditation available for our industry, we actually set the standards and, in terms of quality, our products are the benchmark for our marketplace.



Above: Automatic rising bollards controlling residents only parking



Top: Protecting the Constitution Hill war memorial in Hyde Park

Middle: Controlling access to Kensington Palace Gardens

Bottom: Protecting the American Embassy in Edinburgh

Our broad customer base is matched by the broad range of project values we undertake, contracts range from as little as £160 up to multi-million pounds or dollars. With the products installed ranging from standard fixed bollard installations through to intelligent anti-terrorist vehicle control systems.



Clients include:

House of Commons
BNFL
Royal Bank of Scotland
HSBC
Network Rail
Morgan Stanley

The National Trust
EDF Energy
TYCO
Swansea City Council
Edinburgh City Council
Liverpool City Council

City of London
Leicestershire County Council
Malaysian Prime Minister's Office
British Embassy in Turkey
American Consular in Edinburgh

We are happy to place ourselves in the position of design consultants for third party installation of our products and we offer both standard and bespoke foundation design to PAS 68 standards, standard and bespoke product design to PAS 68 standards and on-site supervision of civil installation to ATG Access/PAS 68 standards.

Contractors and Consultants we have worked in conjunction with:

Sir Robert McAlpine
Alfred McAlpine
Balfour Beatty
Carillion
Norwest Holst
Laing O'Rourke
FM Conway

Kier
Shepherd Engineering Services
Styles and Wood
Midas
Eric Wright Construction
AMEC
ARUP

Babbie
MFD
Mace
Buro Happold
Scott Wilson
G.D.A.

We have a dedicated project and installation team ready to be deployed around the world. If you choose to utilise our fitting teams you can rest assured that your installation will be carried out by fully qualified and fully approved ATG Access Installers.

All our installers are trained in site health & safety procedures and have been subjected to our training programme before being certified as ATG Access Approved Installers.

The ATG Access Approved Installer scheme forms an integral part of our fully ISO 9001 registered Quality Management System and is a key factor in ensuring we maintain our high customer service values.

Service / Maintenance

As manufacturers we offer a full warranty as standard with options to upgrade the cover available or to extend the warranty period.

Contract options include: planned maintenance visits throughout the year, extension of the warranty period, as low as 4 hour response time and inclusive parts and labour costs.

We provide the option for full service support to our overseas clients by offering bespoke maintenance training courses for end users and providing telephone technical support.

Each of our agents is an approved installer and can also provide technical and maintenance back-up for their region. Our agents are highly skilled and highly trained and come complete with the ATG Access guarantee of quality.

- 24/7 service support
- Extended warranties
- Planned preventative maintenance
- Response based cover
- Bespoke end user training

We have a dedicated Service & Spares Department who are here to assist you with any problems that may arise, we have stocks of spare parts available for immediate overnight despatch from our head office and our service engineers, who are based around the world, carry extensive stocks on their vehicles. Our service engineers carry satellite navigation equipment and satellite tracking devices to enable us to pinpoint the nearest engineer and ensure they get there as speedily as possible. Once on site they utilise PDA technology to instantly communicate the nature of the problem with head office.

- Fully kitted out van fleet
- Satellite tracking & navigation
- Computer diagnostic equipment
- PDA network technology
- Fully qualified engineers
- Street works certified
- CRB Security checked personnel
- Branded Uniform and PPE

Our Enterprise Resource Planning (ERP) computer system controls the whole life of a project from first point of contact through to handling the maintenance and service visits, at the click of a mouse we can recall a sites entire installation and service history.

Our aim is to provide world class service to our customers, to provide clear communication and high quality engineering staff to provide you with the data and support you need to ensure your site or project functions efficiently.



Top: Fully kitted out van fleet
Middle: Working to maintain the safety of pedestrians
Bottom: Installation in progress by qualified installers

Awards given to companies for quality products and services are the benchmarks used by consumers to decide where to make a purchase.



ATG Access is proud to showcase its awards:

Products

The [Highways Agency](#) publishes a specification for rising bollard control systems. Our automatic rising bollard systems were the first in the UK to be awarded Highways Agency (DETR) approval.

Our safety systems adhere to [EN 954-1](#).

[PAS 68:2007](#) specifies a classification system for the performance of vehicle security barriers and their supporting foundations when subjected to a single horizontal impact. This Publicly Available Specification (PAS) has been prepared to address the needs of organisations who wish to have assurance that vehicle security barriers will provide the level of impact resistance that they seek. ATG Access was instrumental in the production of PAS 68 and our high security / anti-terrorist products are designed to match its criteria at every level.

[Constructionline](#) is the UK's register of local and national construction and construction-related contractors and consultants, pre-qualified to work within the public sector.

[CHAS](#) (Contractors Health And Safety assessment scheme) is available for use by any public and private sector organisations to use when shortlisting contractors, suppliers and consultants (companies) who apply to work for them. It provides information about the health and safety part of their application. CHAS is run jointly by a number of local authorities across the UK.

[Secured by Design](#) supports one of the Government's key planning objectives – the creation of secure, quality places where people wish to live and work. ATG Access was the first bollard manufacturer to be awarded Secured by Design status.

At [Sold Secure](#) you will find a range of products tested to provide you with the best in security, for a variety of applications.

ATG Access was the first bollard manufacturer to carry both the prestigious Secured by Design award and the extensive Sold Secure test approval.

The [Local Authority Rising Bollard User Group \(LARBUG\)](#) has been established as a forum for highways authorities to share experience of rising bollard systems and to develop improved designs and procedures in partnership with bollard system manufacturers. Consultants working on behalf of local authorities are welcomed to group meetings. ATG Access is currently the only rising bollard manufacturer to fully comply with the specification of LARBUG.

The Centre for the Protection of National Infrastructure (CPNI) in conjunction with the Institute of Highways and Transportation (IHT) highly commended our SP1000 high security bollard at the 2007 awards ceremony.

The SP1000 also won **Product of the Year** at the prestigious Builder and Engineer annual award ceremony.

Auto Express Magazine runs a bi-annual test of telescopic bollard systems for vehicle security, the ATG Access ATG 101/500 came out on top against a selection of its competitors, winning the Best Buy Award.

Processes

Our quality management system in accordance with **BS EN ISO 9001:2000** provides our organisation with a set of processes that ensure a common sense approach to the management of our organisation.

SAFEcontractor is a health & safety accreditation scheme for contractors. It simplifies the process of demonstrating to clients that you have health & safety policies and procedures in place.

People

We achieved **Investor In People (IIP)** status in August 2005.

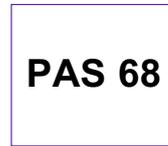
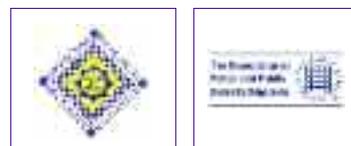
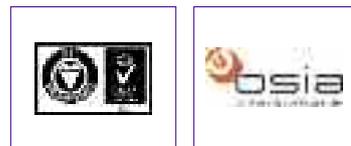
This award is not only a reflection of the commitment of management towards its employees but also of the commitment of the employees to the company.

The IIP awarding board requested permission to use ATG Access as a benchmark for others to aspire to when seeking the Investors in People award.

The **Institute of Directors (IoD)** short listed our Managing Director in the International Director of the Year category 2007.

We were runners up in the **Bank of Scotland entrepreneur challenge 2007**.

One of our qualified apprentices achieved **Technician of the Year** from his awarding collegiate and of the four New Apprentices we have just employed, one achieved the **Duke of Edinburgh Award**.



Automatic Rising Bollards

- Security
- Traffic Management
- Commercial
- Residential

Manual Rising Bollards

- Core Range
- Essential Range
- Premier Range
- Ultimate Range

Our manual and fixed product family consists of our manually operated retractable security posts, our lift out perimeter hoops, our specialist pedestrian posts & retractacast bollards and the fixed or static equivalent of each of those products.

Each of our products is available in various finishes. We have separated them into different ranges to hopefully highlight which product is right for your project dependent on budget or aesthetics.

Be sure to check the optional extras section for information regarding our unique lift assist mechanism which allows even the heaviest security post to be lifted by most personnel.

Each of our products can be utilised for any location, by dividing the family into ranges we have tried to make it easy to choose the product most appropriate for your application. Our 101/500 bollard is solely for residential use as the height of the product is generally insufficient for commercial applications.

NORWICH
UNION
an AVIVA company
Approved Supplier

Manual & Fixed Product Family



ATG 101/500



ATG Square



ATG 101/670



ATG 114/670



ATG 114/900



ATG 139/900



ATG 139/900 EHD



ATG 168/900



ATG 114 Spinningfields



Fixed Hoops



Removable Hoops



Retractacast



ATG Georgian Pedestrian Posts



Fixed Bollards

Core Range

Designed to keep costs to a minimum these products are designed to do the job required. Perhaps more suited to industrial locations where aesthetics is not a high priority such as protecting roller shutter doors.

Galvanising is the process of applying zinc to mild steel to provide it with a strong and protective coating that lasts for up to 100 years.

Importantly, galvanised coatings are also recyclable, giving the steel an almost continuous life span.

Our Core Range contains the following products:



Fixed Hoops in galvanised



Removable Hoops in galvanised

Mid Range

The mid range takes a step up in terms of aesthetic finishes but still offers great value for money. Our mid range products offer the same strength and security as the core products but are coated black to improve their appearance.

Typically used to secure garage forecourt perimeters or shop fronts the range also includes the ATG 101/500 which is designed for the residential marketplace.



ATG 101/500
in black



ATG Square
in black



ATG 101/670
in black



ATG 114/670
in black



ATG 114/900
in black



Fixed Hoops
in black



Removable Hoops
in black



ATG 139/900
in black



ATG 168/900
in black

Premier Range

The premier range again offers more in terms of appearance. RAL colours can be chosen, whether it's for your corporate identity or for increased visibility we can manufacture bollards with any colour finish of your choice from the RAL colour chart.

The premier range also introduces stainless steel as an option. Stainless steel bollards can actually enhance the aesthetics of a site as well as offering the same security as the rest of our product range. Stainless steel is becoming the finish of choice for clients such as BMW, Aston Martin and many of the architectural practices around the UK.

New for 2008 is a stainless steel version of our residential ATG 101/500.



ATG Square in RAL colour or stainless steel



ATG 101/670 in RAL colour or stainless steel



ATG 114/670 in RAL colour or stainless steel



ATG 114/900 in RAL colour or stainless steel



Fixed Hoops in RAL colour or stainless steel



Removable Hoops in RAL colour or stainless steel



ATG 139/900 in RAL colour or stainless steel



ATG 168/900 in RAL colour or stainless steel



ATG Retractable in black or RAL colours



ATG Georgian Pedestrian Posts in black or RAL colours

Ultimate Range

The ultimate range offers everything that is extra special and extraordinary from our product family.

The ATG 139/900 EHD is the UK's only impact tested manual bollard. A security post which offers truly guaranteed protection.

The bollard was successfully impact tested when we hit it at 30km/h (20mph) with a frame weighing over twice as much as a standard family car. The bollard was deflected by just 2 degrees, the concrete foundation deflecting by 17 degrees – the British standard for a test of this nature is a deflection of no more than 31 degrees.

Our 114 Spinningfields is a semi-automatic bollard that was specially developed for inclusion in a truly stunning redeveloped area of a city consisting entirely of state of the art architecture and equipment.

The bollard operates semi-automatically by employing pneumatic energy to dampen the weight on lowering and by partially raising the bollard into place when unlocked.



ATG 139/900 EHD
in stainless steel



ATG 139/900 EHD
in black



ATG 139/900 EHD
impact test



ATG 114
Spinningfields

Optional Extras

To enable you to get the most from our products and to ensure they match your requirements we offer a range of optional extras.

Semi Automatic Lift Assist Option

Our unique lift-assist mechanism enables us to supply heavy duty robust security solutions which can be utilised by all. This is possible because the mechanism reduces the product lifting weights by between 70 and 85%.

Products fitted with lift-assist have an integral mechanism which reacts when the user begins to raise the bollard and smoothly assists the rising of it into the locking position.

A lift assisted bollard operates semi automatically as when releasing the bollards it pneumatically lowers into the down position.



Sold Secured Lock

Sold Secure was established in 1992 by the Police with help and backing from the Home Office. Sold Secure is now administered by the Master Locksmiths Association.

For a slight increase in your investment your bollard will come with a Sold Secure attack tested locking system.



Extra Security Caps

As an extra layer of security to protect handles and locks or to carry corporate branding and logo's, some of our clients choose to employ our lockable security caps.



Folding Handle

Whether for security reasons or for aesthetics you can conceal the handle of your post by choosing our folding handle option.

This option is only available on selected products, please ask your sales advisor for details.



Lift Out Version

In certain conditions it is not possible to install a telescopic bollard, when this is the case we are able to offer a lift out version which utilises a shorter socket and does not require as deep an installation.



Drainage Hand Pumps

Should the ground your bollards are installed in not be conducive to natural drainage, we offer these pumps to assist the drainage of water from your bollard casings.



Automatic rising bollards are fast becoming an everyday site for millions of people around the world, the robust construction and reliable operation makes them the most effective way of managing traffic and protecting pedestrians.

Not including the anti-terrorist/high security family ATG Access offers three different sizes of automatic bollard:

101mm diameter

168mm diameter

200mm diameter

The 101mm diameter bollard forms the basis of our "off the shelf" type products, the 168mm diameter is our higher specification product with a stainless steel finish and 200mm is the diameter of our higher specification rising bollards finished in black.

We supply two products which can be termed as "off the shelf", one, the Genie MKII, is aimed at the residential marketplace the other, the VP50, is aimed at the access control and security installer market.

The rest of the family consists of the same actual bollard but with bespoke control options depending on the clients' specification.

Traditionally we have named our systems after the control boards which provide their functionality, here we have maintained the system names but split the family into ranges to remain consistent with our manual product family.



Left: 101mm diameter
Middle: 168mm diameter
Right: 200mm diameter

Glossary

Some technical terms will frequently appear throughout this text, each piece of equipment will be described in detail in the extras section but a brief explanation:

Term	Meaning
Indicator lights	Red and Green indicator lights acting as stop/go indicators to the driver
VP	Vehicle Post
SP	Security Post
Auto Rise	A bollard system which rises automatically when safe to do so
Loops	A traffic loop detects metal objects such as cars and bicycles and sends a signal to the system based on what it has detected.

Traditionally the marketing of automatic rising bollards has been a complicated matter where the line between useful information and information overload has often become confused.

Over the past few years ATG Access has been working to simplify the information we give out. We believe that our reputation and stature in our industry offers you all the confidence you need in our products without having to blind you with technical jargon.

In this brochure we've aimed to describe the options available to you for bollards, the options for controlling bollards and the options for project management & maintenance. When evaluating the implementation of a rising bollard system consideration should be given to: legal position, authorisation & equipment approval and planning considerations.

We hope the following enables you to make an informed product choice, if you have any questions, comments or queries of any kind please don't hesitate to get in touch. Perhaps even take advantage of our free site survey and consultation by contacting our sales team using the information on the back of this brochure.



1900% 200
1000000
1000000000



Automatic Bollard Product Family

NB: For SP bollards see the Anti-Terrorist / High Security Section



Genie MKII



VP50



VP50 Auto Rise



VP100
VP200
VP700
in black



VP100
VP200
VP700
in stainless steel

Core Range

The core range contains the 'off the shelf' products aimed at residential or self installing clients, namely:

The Genie MKII is solely for use on residential applications and is a stainless steel hydraulic bollard with a diameter of 101mm. The post stands 500mm high and has the distinctive ATG yellow bands.

The Genie MKII is operated by key fob and is a reliable, functional and stylish way of securing your driveway and property.

The VP50 is the budget option for commercial applications or small car parks. Standing 800mm tall with a 101mm diameter the bollard operates via a key fob and is a reliable and functional way of managing traffic which relies on the user to operate it safely.



Genie MKII



VP50

This year we are launching a brand new addition to our product range.



The GloBall™ will provide the installer marketplace with the product they have been waiting for, an automatic rising bollard carrying the quality of ATG Access but priced with them in mind. The pricing structure is set to see a bollard retail at around £1500 or €1800.

Mid Range

The mid range products offer the same functionality as those in the core range but utilise the larger diameter bollard:

The VP100 consists of either a 168mm bollard in stainless steel or a 200mm diameter bollard in black which stands 700mm tall. The VP100 is reliant upon the operator to ensure it is lowered and raised safely. Utilised on larger manned car parks or for security the bollard is operated either via individual key fob or with a key switch / pushbutton from a location near to the system such as a security lodge.



VP100

Premier Range

Into the premier range we introduce the aspects of the system which make the bollards intelligent. The bollard itself remains the same at 101mm and either 168mm diameter in stainless steel or 200mm in black. These products offer more in terms of functionality and the addition of indicator lights and safety systems to allow the bollards to rise automatically without user intervention.

The VP50 Auto Rise is an identical bollard to the VP50 but has added extras, the system comes with red and green indicator lights to advise the driver of the position of the bollard and loops are installed in the ground to control the bollards rising once a vehicle has passed and also to prevent bollards from rising underneath vehicles.



VP50 Auto Rise

The VP200 is the first of our range to carry Highways Agency approval and comprises of a 168mm bollard in stainless steel or a 200mm bollard in black. The system comes with red and green indicator lights to instruct users when it is safe to pass through the system and loops are installed in the ground to instruct the bollards to rise once a vehicle has passed and also to prevent bollards from rising underneath vehicles. Other loops such as approach loops are installed to track vehicles and send information to the system, this is dependant on the way the client wants the system to operate.



VP200

Ultimate Range

The ultimate range is the highest specification automatic bollard control system.

The VP700 is in essence identical to the VP200 in that it carries Highways Agency approval and comprises of a 168mm bollard in stainless steel or a 200mm bollard in black. The system comes with red and green indicator lights to instruct users when it is safe to pass through the system and loops are installed in the ground to instruct the bollards to rise once a vehicle has passed and also to prevent bollards from rising underneath vehicles. Other loops such as approach loops can be installed to track vehicles and send information to the system, this is dependant on the way the client wants the system to operate.

The VP700 is differentiated from the VP200 by its hydraulics. The sophisticated high specification hydraulic set-up enables the VP700 to operate in more severe and more demanding conditions.



VP700



Essentials, Extras and Accessories

To enable you to get the most from our products and to ensure they match your requirements we offer a range of optional extras. Ask your Sales Advisor or Project Consultant for details.



In February 2005 the dynamics of the physical security market and the dynamics of ATG Access as a company were changed forever.

The culmination of several years' hard work by security services and several key suppliers finally came together with the production of a British Standard for the testing of security bollards against aggressive impact. PAS 68 was incorporated into the British Standards Institute and adopted as the British Standard for testing the strength of security bollards.

On that day in February our SP1000 rising bollard was hit by a 7.5 tonne truck travelling at 30mph, the truck was dead stopped in its tracks and the bollard continued to work. A short time later the same bollard was re-tested, this time with a 7.5 tonne truck travelling at 50mph, the result was astounding as the truck was again dead stopped and the bollard again continued to work.

ATG Access is proud to be involved in the ongoing testing programme and extremely proud to produce the product which has proven to be the benchmark for the rest of the industry globally.



The very real threat of terrorist attack which hangs over us all has called for a family of physical security products capable of preventing vehicular attack at various levels.

Independent information on this level of security is usually available from the official Security Services of each country, you can download valuable information to help you protect your people and your assets at:

UK

www.mi5.gov.uk or
www.cpni.gov.uk

USA

www.state.gov/m/ds

Australia

www.nationalsecurity.gov.au

You will be given independent advice on the best products to employ to deal with the level of potential threat that you face, as an example, at your location it may not be possible for vehicles to reach a certain speed or it may not be physically possible for vehicles of a certain size to get through, these parameters all affect the level of product you will need to install.

Here we will give you details on how we at ATG Access have tailored our product offering to provide a genuine security bollard to counter every level of attack. We also offer a free on-site survey and consultation and we will be glad to attend your planning meetings to offer the benefit of our experience of security at this level.

The anti-terror / high security product family is split into three ranges, they are:

Automatic Products

Fixed Products

Shallow Mount Products

Each product is designed to suit a different level of security and budget.

When deciding the level of security required for your site there are a number of factors you must consider, the key questions to ask yourself are:

What is the maximum size of vehicle that can travel towards your facility?

What is the maximum speed that vehicle could reach?

ATG Access can help you answer these questions, take advantage of our free on-site survey and consultation.

Automatic Products

Our high security rising bollards come with all the benefit of our experience at highways level but with the added proven and certified security of being part of the PAS 68 and K12 testing programmes.

The automatic product range consists of: SP1000, SP800, SP400 and SP300.



There is an SP automatic product to match every level of security and budget, the simplest way to illustrate this is in table form:

Product	British Rating	Vehicle Weight (tonne)	Vehicle Speed (kph)	American Rating	Vehicle Weight (lbs)	Vehicle Speed (mph)	Product Height/ Diameter** (mm)
SP1000	PAS 68	7.5	80	K12	15000	50	1000/350
SP800	PAS 68	7.5	65	K8	15000	40	1000/350
SP400	PAS 68	7.5	50	K4	15000	30	1000/229
SP300	PAS 68	2.5	50				1000/219

**Diameters can change depending on aesthetic sleeve.

Fixed Products

The fixed product range reflects the automatic product range with the addition of another level of security in our SP200. The products within this range are: SP1000, SP800, SP400, SP300 and SP200.



Each product is designed to suit a different level of security and budget.

As with the automatic bollards, our fixed products are designed and manufactured to repel various levels of attack, illustrated below.

Product	British Rating	Vehicle Weight (tonne)	Vehicle Speed (kph)	American Rating	Vehicle Weight (lbs)	Vehicle Speed (mph)	Product Height/ Diameter** (mm)
SP1000	PAS 68	7.5	80	K12	15000	50	1000/350
SP800	PAS 68	7.5	65	K8	15000	40	1000/350
SP400	PAS 68	7.5	50	K4	15000	30	1000/229
SP300	PAS 68	2.5	50				1000/219
SP200	PAS 68*	7.5	80	K12*	15000	50	1000/323
* with 4 metres of penetration.							

Sleeve Designs

The structural bollard can be aesthetically covered in a number of designs to suit the architecture of the building and/or the surrounding area, designs are also available to comply with DDA requirements.

The ATG Access method of fixing sleeves promotes longevity of installation, allowing sleeves to be changed without disruption to the foundation.

**Diameters can change depending on aesthetic sleeve.

Shallow Mount

Shallow Mount is not linked to any particular product, it is a high level structure we have developed that enables us to provide high security products installed at a fraction of the depth underground that traditional products require. This saves installation time and removes the problem of underground services.

Shallow mount technology is the latest innovation in physical security and is proving invaluable within city centres and other places where underground services are below every highway and byway. Critically, shallow mount technology minimises disruption to operational sites.

The ATG Access shallow mount system is innovative engineering at its best and sits at the cutting edge of solutions technology.

Bollards

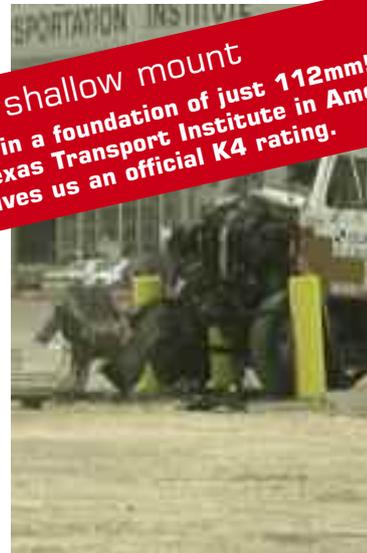
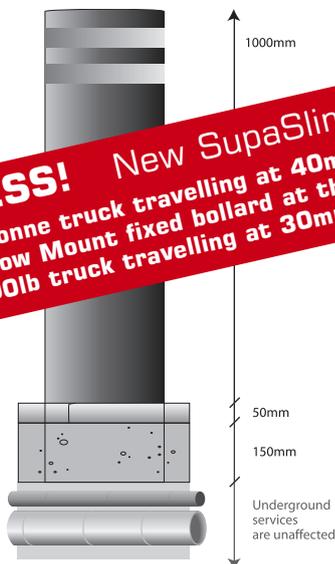
In our latest test, bollards installed in our shallow mount system stopped a 7.5 tonne truck travelling at 50mph – the bollard foundation was installed just 150mm below ground.

In previous tests the bollards had stopped dead a 7.5 tonne truck travelling at 30mph and then 40mph. As we continue our extensive testing programme there will be a shallow mounted bollard for every level of security and budget.

Swing Gate

The latest addition to our shallow mount products is a revolutionary swing gate which was designed from the top of the range SP1000 bollard.

Two shallow mounted SP1000 bollards are installed either side of the opening and a terrifically strong (yet surprisingly light) arm is installed and fixed into place. The structure was recently impact tested and stopped a 7.5 tonne truck travelling at 30 mph.



STOP PRESS! New SupaSlim™ shallow mount
 Successfully arrested a 7.5 tonne truck travelling at 40mph, in a foundation of just 112mm!
 We also recently tested our Shallow Mount fixed bollard at the Texas Transport Institute in America,
 the dead stop of a 15,000lb truck travelling at 30mph gives us an official K4 rating.

ATG Access are able to offer you our full expertise and complete management of your installation package or we can simply sell you the products and you can install them.

Designed to suit all levels of competency and budget we have packages available to help you complete your project successfully.



Total Security Package

With our Total Security Package you can wrap up the cost of your product, the installation, the maintenance and the product upgrade option in one easily manageable monthly or quarterly payment over 12 months, 3, 5 or 7 years.*

Supply and Install

We deliver the goods to site and undertake all civil and electrical installation.

Supply Only with Electrical Commissioning

We deliver the goods to site, the client performs his own civil installation and we return to site to perform electrical connection and commissioning.

Supply Only with Project Support

We deliver goods to site, the client performs his own civil installation and electrical com-missioning and at all times our project management team is available to him to offer advice or supervision.

Supply Only

We simply supply the products requested and either deliver to site or arrange for the client to collect.

Installation

If you choose to utilise our fitting teams you can rest assured that your installation will be carried out by fully qualified and fully approved ATG Access installers.

*Total Security Package not available for contracts of under £1000



Above: Automatic rising bollards control pedestrian zone at Southend-on-Sea.



Top: Protecting the Constitution Hill war memorial in Hyde Park

Middle: Controlling access to Kensington Palace Gardens

Bottom: ATG Access automatic bollards controlled the UK's first ever congestion charge





All details, prices and specifications correct at time of going to press. ATG Access Limited reserves the right to amend or update product details or specifications without notice

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