

# Manual & Fixed Bollards



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.

## Universal Range

Designed to keep costs to a minimum these products are designed to do the job required. Typically used to secure garage forecourt perimeters and shop fronts. These products come with standard features such as integral locks and T handle.

Our ATG **76/500** is new to our product range, designed for the Residential marketplace and is only available in yellow.

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. Our Universal Range products are available in galvanised/black and RAL colours

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.

## Premier Range

The Premier range takes a step up in terms, offering a higher level of security, lift assist mechanism, folding handles and stainless steel options.

All products in the Premier range are available in galvanised, black, RAL and stainless steel finishes

## Ultimate Range

The ultimate range offers everything that is extra special

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

The bollard was successfully impact tested at the TNO facilities in Netherlands; 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 30 degrees.

The ATG **Streetscape Bollard** is a lightweight, shallow mount, removable bollard. 141mm diameter and 1100mm high above ground. This product is designed for Urban applications where aesthetic values and accessibility is a required combination and only requires a 150mm deep foundation.

The **GloBoll** semi automatic bollard is a complimentary product to the automatic bollard system. Operating in a similar way to the 114 semi automatic. Ideal for applications where power cannot be brought to the bollard or the bollard is used less frequently and manual operation is acceptable. The semi automatic may be upgraded to full automatic control if required

Our ATG **114 Semi Automatic** 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



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## Optional Extras

Available across the range and include:

- Lift assist
- Security caps
- Folding handles
- Lift out posts
- Drain pumps

## Technical Data

Product	Diameter/ Height (mm)	Wall thickness	Lifting Weight	Finishes
ATG Square	90□/670	5mm	16kg	Galvanised/Black/RAL
ATG 101/670	101/670	5mm	16kg	Galvanised/Black/RAL
ATG 114/670	114/670	5mm standard and 3.2mm or 6mm in stainless steel	__kg	Galvanised/Black/RAL/ Stainless Steel
ATG 114/900	114/900	6mm	__kg	Galvanised/Black/RAL/ Stainless Steel
ATG 139/900	139/900	5mm	__kg	Black/RAL/ Stainless Steel
ATG 139/900 EHD	139/900	16mm	__kg	Black/Stainless Steel
ATG 168/900	168/900	5mm standard and 6mm in stainless steel	__kg	Galvanised/Black/RAL/ Stainless Steel
114 Semi-automatic			N/A	Stainless Steel
Fixed & Removable Hoop	76/1100	5mm	__kg	Galvanised/Black/RAL/ Stainless Steel
Retractacast	Various	Various	Various	Various
Pedestrian Posts	Various	Various	Various	Various



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For Anti-terrorist and/or High Security bollards please see the separate flyer for those products.

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