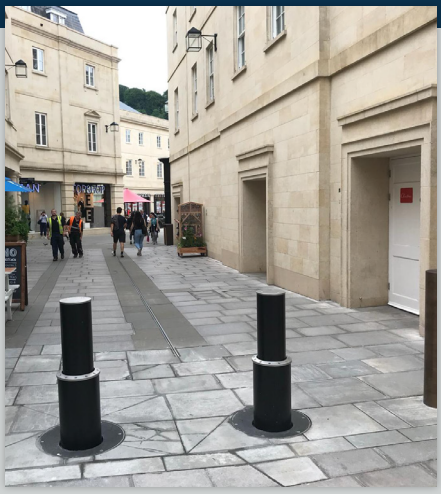
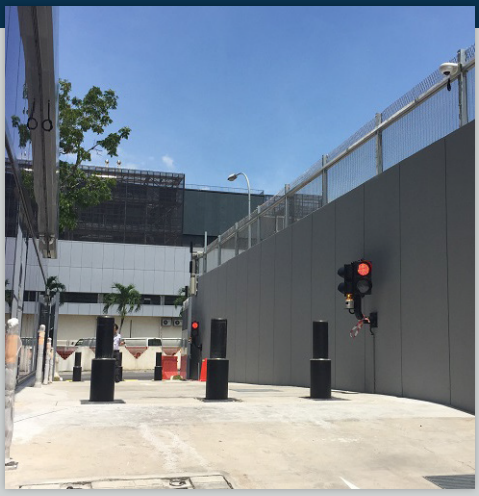
# SP400 TT AUTOMATIC BOLLARD





## Technical Specifications

| | |
|---|---|
| **Bollard Diameter** | 209 mm (top section)<br>280 mm (bottom section) |
| **Height Above Ground** | 1,000 mm |
| **Foundation Depth** | 900 mm |
| **Finishes Available** | Zinc coated, black finish as standard. Product can be vinyl wrapped with a bespoke design or advertising copy if required. |
| **Security Rating** | **BSI PAS 68:** 2010 V/7500(N2)/64/90:0.53/6.10<br>*Minimum tested array – 1 unit* |
| **Operations & Speed** | Up to 90 cycles per hour \| Normal operation in approximately 6 - 8 seconds. |
| **Safety** | Fully compliant with BS EN ISO 13849:2015, safety of machinery - CE Marked. Can also be integrated into a fully compliant TOPAS system. |

ATG | ATA

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## Product Overview

The ATG Access SP400 TT Automatic Bollard has a unique double retractable design which ensures smooth operation and acts as a depth-saving feature.

Most impact-tested, automatic bollards have a foundation depth of around 1,500 mm+. This innovative product has a foundation depth requirement of just 900 mm - less than a meter.

The product has been successfully impact tested in a single bollard array in accordance with BSI PAS 68:2010, arresting a 7,500 kg vehicle travelling at 64 kph (40 mph) and achieving less than a meter of penetration.

The SP400 TT shallow foundation automatic bollard is unique within the high-security industry and is the shallowest automatic-bollard solution to mitigate against the 7,500 kg @ 64 kph threat level in a single bollard array.

This latest innovation in crash-tested technology allows the use of automatic bollards for high-security solutions to be installed within areas where underground services or a lack of space for excavation may cause a problem.

Able to cope with a high number of operations per hour, this product is ideal for sites with high traffic flow.

The bollards can be part of a large, secure access control scheme or operated as a standalone system.

The control board provided as standard is a PLC control system which we can design to meet whatever operational requirements you may have. Driven by hydraulics; either utilising an external HPU or an integral pump.

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