



# Specification & Procurement Guide

## ATG 168/900 Lift Assist



## 1.0 Scope

This specification defines the procurement of a Manual Lift assist Bollard.

MODEL 168/900 Lift Assist

The basic system comprises of one Lift Assist Manual Bollard.

## 2.0 System Configuration

### Bollard Construction

The bollards shall be 168mm (6.6") diameter. Bollard Height is 900mm (35.4") the bollards shall be constructed of heavy gauge steel fully welded prior to priming & painting or optional hot dip galvanizing. Galvanizing shall comply with BS EN ISO 1461:1999 specifications with an average coating thickness of 610g/m<sup>2</sup>. The Lifting weight is 9 to 10kg or for Stainless Steel is 11 to 13kg. The Lift-Assist mechanism utilises internal pneumatic assistance to make this robust product easy to operate by any user. No external power is required.

### Installation

One Bollard will come in its sleeve ready to install. A cat scan should be performed prior to cutting the hole to make sure the installation site is free of any obstacles. Excavate a centrally placed 400mm square to a depth of 1320mm. The bollards will then be installed. To reduce water in the hole, pea shingle will be packed into the foundation until it reaches 300mm from the top of the excavation; the remainder of the whole is then filled with a concrete mix of 3 parts gravel to 2 parts sand and 1 part cement.

### Performance

### Experience

The bollard system shall be the type supplied and installed at major infrastructure sites globally. The manufacturer shall have at least 10 similar systems installed and in operation internationally with documented logs of all major components and design features. The Manufacture has 25 years developing and installing Manual Bollards.

## 3.0 Quality Assurance

The manufacture will be registered to ISO 9001/2008

### Testing

Upon completion of the system build the bollard system will be fully quality checked at the manufactures facility. The client will be invited to the Factory Acceptance Test for signing off to verify manufacture quality.

## 4.0 Warranty

The system shall carry a full 12 months parts and labour warranty. The manufacturer must be able to extend the warranty to cover a 5 year parts and labour maintenance agreement at the placement of order if required by the client.

## 5.0 Servicing & System Care

All parts are able to be replaced with ATG Access fitted parts. If any other manufacturer parts are fitted to the unit, this will invalidate the year warranty. If required the warranty can be extended by contacting our customer service team. Contracts can also be agreed for the annual service and upkeep of your purchase with ATG Access engineers.

If the site which the bollards are installed within becomes the property of a third party after the initial sale – the site must be re-registered with ATG Access for the warranty to be valid.

## 6.0 Drawings & Installation Data

Method Statements, Risk Assessments, site specific layout drawings shall be sent to the purchaser within four weeks of placing an order.

A full operating manual will be issued on handover of the system.

## 7.0 Disclaimer

This type of equipment is designed for security use and while it is possible to integrate a number of safety features into the system design, it is generally better to provide adequate traffic calming measures, signage, area, illumination and traffic lights to warn users of the potential hazards.

ATG Access Ltd can provide information on safety systems to suit most sites/ applications on request.

It is strongly recommended that advice is taken from relevant security or safety engineers with regard to the system design, alternatively ATG Access Ltd would be pleased to provide such information- contact Sales department at our UK office.

## 8.0 Procurement Details

Bollards shall be purchased from:

ATG Access Ltd.  
CoBaCo House  
North Florida Road  
Haydock Industrial Estate  
Haydock  
Merseyside  
WA11 9TP  
Ph: +44 (0)8456 757574  
Fax: +44 (0)8456 759955  
Web: [www.atgaccess.com](http://www.atgaccess.com)