

Gantry Pole™

The Gantry Pole is a pole specifically designed to hang from a gantry and holds equipment such as signals over a railway or motorway at a visible level. It also allows the equipment to be hand wound up to the gantry for easy maintenance and cleaning.

The Crown Gantry Post provides robust support for various combinations of signal head equipment. The function of the post is to provide improved safe access to the signal head equipment for maintenance purposes.

The post is relatively maintenance-free and incorporates a number of 'duplicated' safety features to safeguard personnel and equipment when carrying out maintenance activities.

The post is designed to comply with British Standards, BD51/98 Portal and Cantilever Sign and Signal structures, and relevant Railway Group and Highways Agency Standards.



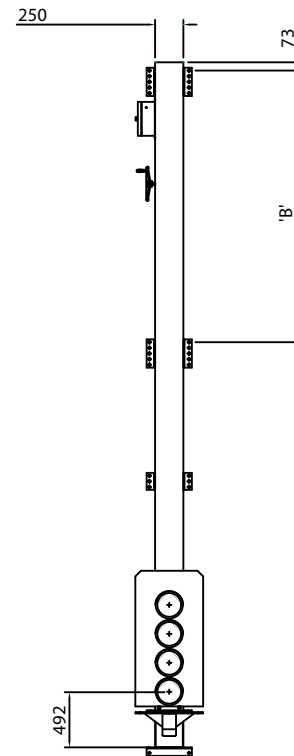
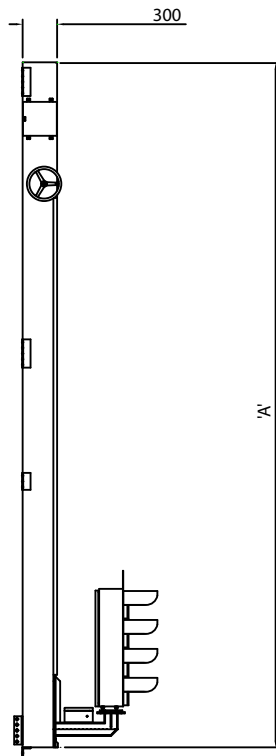
Specification

- Available in a wide range of standard heights
- Bespoke sizes available on request
- Safe access to equipment hung off of a gantry
- Maintenance of equipment without the need to shut down motorways or railways
- Completely hand driven mechanism
- Top and bottom dampers to remove shock when reaching travel extents
- Multiple Applications - Signaling, CCTV, Tolling, ANPR
- Welded mild steel construction
- Hot dip galvanized or Korroprime protection
- Powder coated or wet painted to any colour within the RAL and BS4800 range
- 15 year anticorrosion warranty
- Manufactured to BS EN ISO9001 standards to ensure quality and reliability

Operation Guide

1. Unlock the pad lock on the door
2. Open the door
3. This will release the pressure bar locking the signal in position
4. Release the handle locking pin
5. Now rotate the handle to bring the signal up
6. When the signal reaches the desired height for maintenance lock off the handle with the locking pin
7. Maintain your equipment
8. Reverse the above steps to close the pole

Technical Data



Note right hand pole shown.

'A' and 'B' customer specific dimensions.

Overall Dimensions Gantry Pole 300(w) x 250(d) x 'A' (h)
Weight Gantry Pole Varies

Options

- Left hand or right hand versions to suit gantry layout
- Electrical connection box for easy cable installation
- Bespoke sizes available
- Available in the following standard heights ('A'):
- 5535mm
- 6060mm
- 6260mm
- 6310mm
- 6460mm
- 6560mm
- 6960mm
- 7790mm

Pole Body - Welded Construction, main structure consisting of box section BS EN 10219/1 (2006) S275 and custom formed angle section
Welding Conformity; TP27, BSEN 1290; 1998

Mild Steel Specification; BSEN 10025-2:2004 S275 / S355

Fixings; 304, 316 S/S

Hot Dip Galvanised Versions to; ISO1461

Non Galv Protection Version; Powder Coated Korroprime paint finish from the RAL or BS4800 ranges

Loading in accordance with BD 37/01 as modified by BD 51/98 using a wind load of 51m/s

The quality assurance system has been approved against the international quality standard ISO 9001 by ASTA BEAB Certification Services under their Certificate No 12689.

IAN 86/07 Portal and Cantilever Sign / Signal Gantries, IAN 86/07 The Highways Agency dated June 2007.

BD 51/98 Portal and Cantilever Sign / Signal Gantries BD 51/98 The Highways Agency dated May 1998

BD 37/01 Loads for highway bridges BD 37/01 The Highways Agency dated August 2001

BD 94/07 Design of Minor Structures Volume 2 Section 2 Part 1 BD 94/07 The Highways Agency dated February 2007

BS7608: 1993 including AMD 8337 dated 02/08/95 Fatigue Design and Assessment of Steel Structures. British Standards Institute

Design Protected Crown International 2011