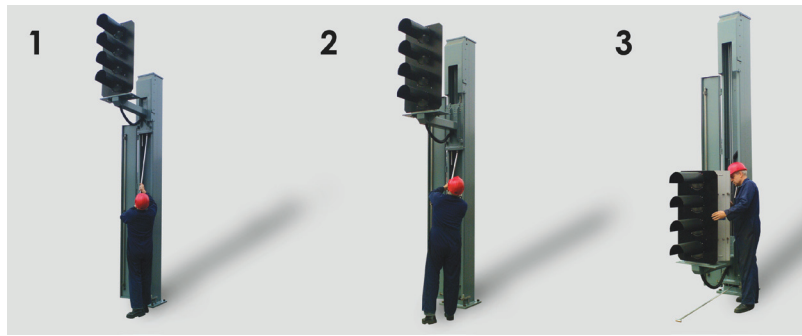


CESS Pole™

The Crown counter balance CESS Pole is permanently installed at trackside on a concrete or pile foundation. They are available in heights to suit the specific location and signal requirements. Adopted from the Roadside Crown Pole™ this design features a counter balance lowering mechanism which enables ground level access operated by only a single engineer.

The pole design provides robust support for various combinations of signal head equipment. The function of the pole is to provide improved safe access to the signal head equipment for maintenance purposes.

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



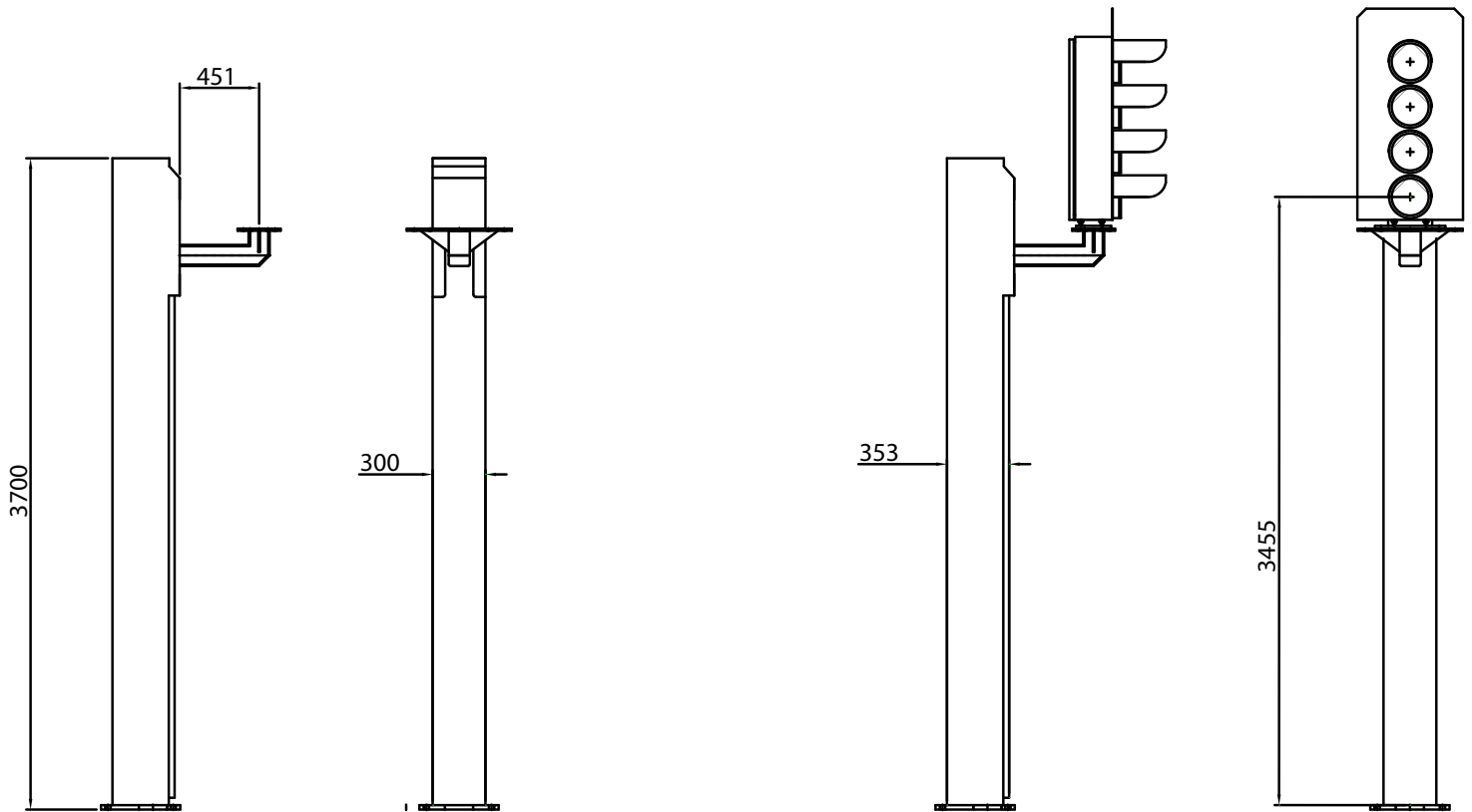
Specification

- Bespoke sizes available on request
- Safe ground level access to equipment
- Maintenance of equipment without the need to shut down railways
- Completely manual mechanism
- Top damper 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 pole and open the door handle
2. Now open the door
3. Pull down the "T" bar handle
4. Release the "T" bar from the saddle of the handle
5. Use the "T" bar to effortlessly lower the equipment
6. When fully lowered the arm will lock into place (this can be release with the foot pedal)
7. Maintain your equipment
8. Reverse the above steps to close the pole

Technical Data



Overall Dimensions CESS Pole 300(w) x 353(d) x 3700(h)

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