

CCTV MASTS

The folded sheet steel mast shown has been developed by CU Phosco for Closed Circuit Television sites with restricted access for servicing after installation has been completed.

The mast has been designed for heights up to and including 47m with a maximum 3 second gust wind speed of 54 m/ sec., and to 20m height for speeds up to 72 m/sec. The mast is a duo decagon (20 sided) section to give improved aerodynamic performance.

The CCTV on its camera ring mounting can be lowered for maintenance by means of a self-sustaining double drum winch using a portable power tool. The camera is mounted above the mast head to give as large as possible field of view. Multiple cameras can be mounted on the camera ring to meet specific project requirements.

This raising and lowering system has been developed by the company over a 40 year period. The pulley system at the head is suitable for cables up to 20mm diameter and the cables have to be capable of supporting their own weight for the height of the mast.

The mast meets the requirements of ILP Technical Report No. 7:2000 where applicable.

Standard finish as supplied is Hot Dipped Galvanised to BS EN ISO 1461.

It is normal practice to use a flanged column but an integral root can be supplied. Holding down studs are supplied complete with an anchor plate for casting-in by others. A jig drilled template is supplied to locate and orientate the studs. Ground level loads will be supplied to enable a foundation design to be carried out to suit local site conditions.

