

ANEMOMETER MASTS

DESCRIPTION

Pollite weather system masts have a huge range of applications, from our standard 10m masts for Anemometers, to smaller masts for RVR/Visibility Sensors. The fully fibreglass construction allows for easy installation and a lightweight design and will not interfere with any sensitive equipment. All masts are coloured with alternative red/white banding in keeping with the ICAO regulations.

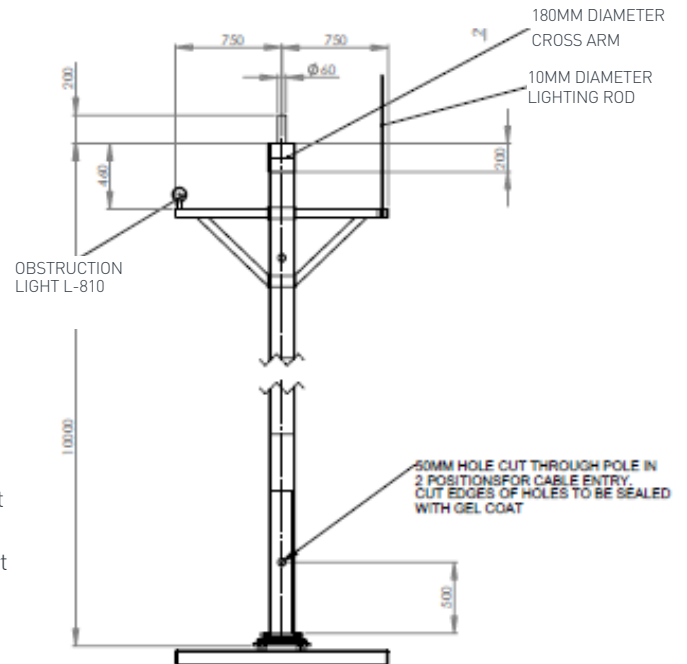
Larger masts are designed to be supplied with a full lightning protection kit and ICAO approved obstruction light. The top spigot can be supplied in order to fit any brand of sensor, and all cabling is routed through the centre of the mast to help avoid corrosion/ degradation.

FEATURES

- » Non-Corrosive
- » Non-Conductive
- » Environmentally Durable
- » Frangible - ICAO/FAA Compliant
- » Easy Maintenance
- » UV And Salt Resistant Red/White Banding
- » Adjustable To Fit Any Manufacturer Sensor
- » 10 Year Warranty
- » Optional Lightning Protection System
- » Optional L810 Approved Obstruction Light

CERTIFICATION

- » FAA L-891 Low Impact Resistant Structures (AC150/5345-45C)
- » ICAO Doc 9157 AN/901 ADM Part 6 - Frangibility
- » ISO 9001:2015



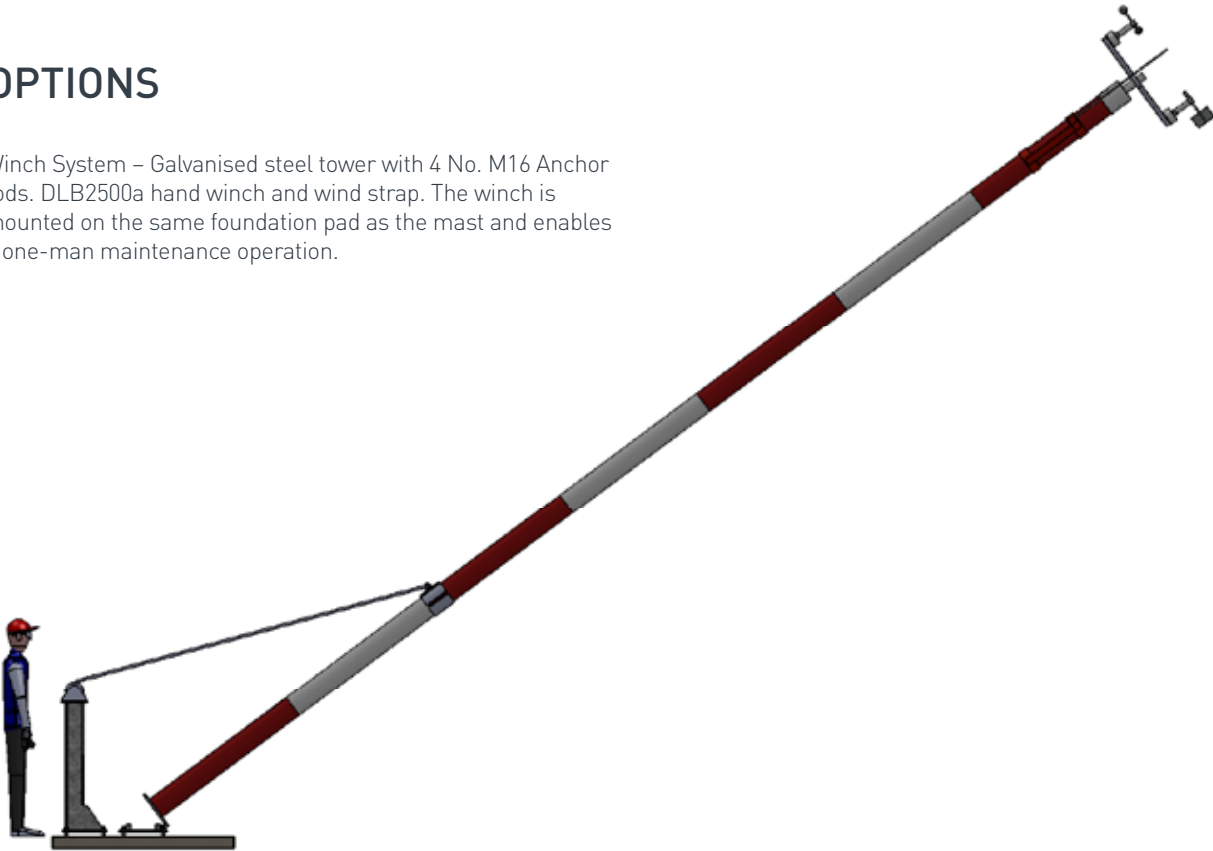
SPECIFICATION

Mast Height	6-10
Mast Section Diameter Ø (mm)	180
Ground Rod Diameter Ø (mm)	M16
Ground Plate (mm)	400 x 400
Expected Life	>20 years
Material	GRP
Colour	Red/White Banded As Per ICAO Requirements
Top Cap Material	Powder Coated Stainless Steel
Horizontal Cross Arms (mm)	50 x 50 x 1500
Hinged Base Material	Hot Dip Galvanised Steel
Foundation Size (mm)	1500 x 1500 x 500
Warranty	10 years
Hollow Spigot Dimensions	60 x 200mm



OPTIONS

- 1) Winch System – Galvanised steel tower with 4 No. M16 Anchor rods. DLB2500a hand winch and wind strap. The winch is mounted on the same foundation pad as the mast and enables a one-man maintenance operation.



- 2) Obstruction Light – L-810 Type B LED. FAA/ICAO compliant. 230V.
- 3) Lightning Rod – 10mm diameter, 1000mm long with connectors, tape, earth rod and pit.
- 4) Additional Frangible GRP Arm
- 5) Orange and white banded colour for mast.