

The Standard Mast 10.7m is a substantial free standing mast built to exacting standards and is the preferred antenna support system of our range. It was the first type of mast we made and is the mast from which all our other masts are derived.

- Capable of supporting a wide range of antennae
- Can be simultaneously used for UHF, VHF and HF antennas of medium size

MATERIAL

Outer mast and ground post	90 x 90mm RHS
Inner mast	76.1mm OD CHS
Ground socket	1mm sheet folded
Rotator housing	Fabricated plate and tube welded construction

CONSTRUCTION AND FINISH

Welded using MIG process

Galvanised to ISO 1461

ANTENNA SUPPORT MAST SPECIFICATIONS

Ground post length	2.4m 1.45m above ground
Outer mast length	5.2m (17')
Inner mast length	5.95m (19'6")
Mast tilted over	1.4m (4'6")
Mast vertical lowered	5.95m (19'6")
Mast vertical raised	10.3m (33'9")

HEAD LOAD CAPACITY

Nominal	25kg
Maximum	50kg

eg: A compact H.F. tribander and 2m co-linear. Guying recommended when raised in windy conditions

WINCH

DL1100

For safety, the DL1200 Friction braked winch can be supplied as an option, at additional cost.

MOUNTING

- In one cubic metre of concrete, supplied by the user.
- Ground socket is installed in the concrete, allowing easy ground post removal.

STUB MAST

Any alloy pole up to 48.3mm OD can be accommodated, and should be restricted to a maximum length of 2.5m, ie 1.8m above the rotator cage.

DELIVERY

The mast is delivered in two packages, complete and ready to install.

Shipping weight 135kg.

Permanent and Mobile Masts

Tennamast is a leading manufacturer of permanent masts and mobile masts for both commercial and domestic use. Established over 30 years ago, we are recognised globally for setting new standards in the creation of top quality radio mast products which offer high performance, exceptional durability and value for money.

Our masts are used by many different sectors including: communication/broadband, security, traffic management and energy, with applications ranging from airport windsocks and navigation lights, to satellite dishes, raio masts, mobile phone receivers, CCTV and solar panels.

Our customers include: telecom & broadband companies; Police, Fire & Emergency services; Mountain Rescue; Lifeboat Service; British Waterways; Clydeport Authority; Ministry of Defence; Met Office; utility companies and renewable energy companies.

Tennamast products are also the number one choice of amateur radio enthusiasts operating in the UK seeking a radio mast.

Manufactured by our specialist team of engineers at our base in Scotland, our masts:

- are made from best materials on the market, by highly skilled engineers
- can withstand severe climatic conditions, including windspeeds of up to 150kph
- are fully galvanised to BS ISO 1461
- are easily operated by one person
- are designed to ensure optimum operator safety
- are fully tested before leaving our site

Offering a consistent, highly personal service, we also supply bespoke solutions.

Quality Standards

Our aim is to ensure our products are always the best on the market. At Tennamast quality is guaranteed by our stringent inhouse controls in raw materials and manufacture.

Tennamast complies with the following standards to ensure Quality manufacturing of our products EN 1090-1 + A1 2001- CE Marking of steel & Aluminium structures Requirements for conformity of structural components i.e. boat cradles, EN 1090-2 2008- Technical requirements for steel structures, EN 3834 parts 1 to 6- Quality requirements for fusion welding, EN 9606- Approved testing of welders, EN 5817- Quality levels for imperfections, EN 14731- Welding co-ordination tasks & responsibilities and EN 9712- Non destructive testing of welds

Offering high performance, exceptional durability and maximum reliability our products:

- are made from the highest quality materials
- are manufactured using skilled, precision engineering
- are fully galvanised to British Standards ISO 1461 (galvanised products only)
- are fully assembled and tested on site before delivery
- carry an unrivalled money back guarantee

The Tennamast guarantee

If you are not completely satisfied with your Tennamast product, we promise to replace it completely free of charge to demonstrate our commitment to both quality and customer service. We are the only cradle and mast manufacturer in the UK to offer a guarantee of this kind.