





LIGHTWEIGHT MASTS

The LIGHTWEIGHT masts in the range are called STAR, PRIMO, SUPER PRIMO and MAXI PRIMO.

These masts have been designed as an economic alternative to the pneumatic models: an ideal solution if the requirement is to mount LIGHTWEIGHT devices/equipments or to have a portable mast that can be easily and quickly fixed.

Standard anodised, with Ø 66, 80 and 101 mm and tube thickness of 2 mm, the LIGHTWEIGHT masts are available fitted with hand-pump (model "H") or without (model "P") to be extended manually or with an external air source.

All these masts come complete with our Twin-Locking system at each section, for having your equipment adjusted at the desired height, secured with guy ropes for long term extension, otherwise mounted on the ground with our tripods or via spherical bases.

Extended heights range from 2 to 20 meters, with between 3 and 11 sections.

Different accessories are offered upon request: transport bags, pickets, guy ropes, guying collars, standard or helicoidal cable-guides, tripods, 4-legs assemblies, special anodizing and paintings.



PNEUMATIC MASTS

PNEUMATIC models are extended by compressed air, either by means of a hand pump, compressor, or the vehicle's on-board air system.

With a tube thickness between 3,5 and 6 mm, all are equipped with a key-way system for preventing unintentional rotation of the tubes. They come with plain collars and can incorporate an internal cable.

Main tubes with different dimensions are available, starting from Ø 64, 77, 90, 115, 152, 200 and even 250 mm, from 3 to 14 sections, up to an extended height of 40 meters.

Standard and customized accessories for internal or external vehicle mounting are available. The suggested use is for short term surveillance, measurement, communication and others.





STEADY MASTS

Sharing the same technical specifications as the PNEUMATIC masts, the STEADY are equipped with LOCKING COLLARS on every section and can be used for long extended periods.

STEADY masts keep the extended position even without compressed air. All STEADY models have important payload capacities, of between 25 to 270 Kg and have a wide range of applications such as: with Radio Antennas, for Meteorology, with Satellite Systems, Measurement and Surveillance Equipment.

They are all supplied with LOCKING COLLARS and a female Ø 24 mm pin connector or a flat head. Available options are fixed or turning Guying rings, Turning base, Electrical base, guy ropes, internal spiralled cables with or without Coax 50 or/and 75 ohm, twisted pairs, UTP Cat 6.... Etc..

Special Series of Steady masts withstanding wind-speeds up to 80 km/h without the use of guying ropes.

An example is the GIANT mast GC.6501.N with an extended height of 8 m and a payload of 270 kg or the GIANT GC.6720.N with extended height of 20 m and a payload of 110 kg



PORTABLE FIELD MASTS

Our portable field masts are designed to support antennas, cameras and communication equipment.

Easily transportable and with a quick setup without the need for extra tools, our PORTABLE FIELD MASTS are the ideal combination of our STEADY secured with guying ropes and left on the field for long term operations.

They can be extended by means of a hand-pump or with compressed air from a 12/24 or 230V compressor or from the on-board air system.

Wide choice of tripods, 4-Leg assemblies and accessories are available upon request. All parts can be carried in a transport bag with the necessary quantity of pickets, guying ropes, hammers, foot brackets, etc..



TMS offer a wide range of "Tailor-Made" Telescopic Masts and accessories for Military applications

A wide range of options are available to suit your requirements such as: elevating antennas, mobile radars, monitoring devices, surveillance and CCTV equipment.

UTP CAT.6 INTERNAL CABLE

Integrated UTP cable for USB connection of digital cameras, webcam or data transfer is available.

COAXIAL CABLES

Our standard internal cables can be combined with our Coax cables, of 50 and/or 75 Ohm.

This mean that you control the Tilt and Turn Unit, supply power to the camera and transmit images all through the internal cable.

Special chemical treatments

Special chemical treatments are also available. Anodizing, Standard RAL colours, Special NATO MIL colours, Teflon impregnated hard anodising, to extend the lifetime of the mast and to protect it against marine salt and salty fog corrosion, dust storms and many others tough environmental conditions.



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