

Model No. TM-490HD

TYPE: Self-supporting, extendable, motorized tubular mast.
Designed for light weight antenna load.

SPECIFICATIONS:

TUBULAR MAST HEIGHT: Extended 89'-8". Retracted 28'-0".

WIND LOADING: Engineering analysis indicates the tower will support an antenna with an equivalent effective projected area of 42-ft² at a basic wind speed of 100 MPH, 3-second gust per ANSI/TIA-222-H., Exposure C, No Crest, Topo 1.

DEAD LOAD: The maximum antenna dead load is 650 lbs.

WEIGHT: The mast with the base weighs 3,975 pounds.

SECTIONS: The mast is made from 12", 10", 8" and 6" pipe, Fy = 50 ksi

DESCRIPTION:

Tubular mast is complete with a 50:1 gearbox, 1 1/2 hp, 220V electric motor, 5/16" x 6 x 36 aircraft lift cable lift system and a hinged concrete base mount. The mast is designed to extend the tubular telescoping sections uniformly.

Tubular mast include a hinged base mount that is installed in concrete. This base mount allows the tower to be hinged at ground level and tilted into a vertical position. Stamped prints and calculations for building permits will need to be purchased separately. Price of tower includes base, winch, and manual

The TM towers are hot-dipped galvanized after fabrication for maintenance free finish.

The top section of the mast is adapted to accept an accessory rotator cage assembly. If a rotator assembly is not used, the mast adapter can be ordered as an accessory item. All standard mast adapters accommodate a two (2) inch O.D. mast size.

ACCESSORIES:

- TM-490HD manual, Drawings, Calculations
- TM-490HD Concrete Base
- CO-4 for TM
- Work Platform
- Tilting Gin Pole
- Rotator Cage Assembly
- Cable Kit
- TB-2 Thrust Bearing
- Remote Control Kit

