

# LM-470

**TYPE:** Self-supporting, extendable, crank-up tower.

**SPECIFICATIONS:**

TOWER HEIGHT: Extended 70 feet. Retracted 23 feet.

TOWER SUPPORT: Self-supporting, no guys.

WIND LOADING: Engineering analysis indicates the tower will support 18 square feet of projected area per 85 MPH 3 second gust wind speed per ANSI/TIA EIA RS 222 Rev. G.

DEAD LOAD: The maximum dead load is 550 lbs.

WEIGHT: The tower with the base weighs 1200 pounds.

SECTIONS: The tower is made from 4 each 20 foot sections #5, #6, #7 and #8.

**DESCRIPTION:**

Tower is complete with a gearbox, drum, hoisting cables, and a rigid concrete base mount. The tower price includes instruction manual and one set of stamped drawings and calculations. Hoisting cable system designed to extend the tower telescopic sections uniformly.

The LM-470 is a motorized version of the above tower. The 1/2 HP electric motor comes with an electric control box and two limit switches wired for 110. This tower has a positive pull down.

“Positive Control” worm gear winch permits the raising and lowering of LM towers without the aid of stops or locks. LM470 uses a 40:1 ratio winch. The LM-470 also includes a pre-wired motor control assembly.

This tower has a pulley frame on two faces and uses 3/16 x 7 x 19 Aircraft cable. The tower can be made with 1/4 lift cables as an upgrade. The standard tower does use 1/4 cable for the lift and pull down.

**ACCESSORIES:**

RCB-70 LT (#8 Wide Section)

CO-4 for LM-470

TA-70

#5 rotator plates

Cable Kit for LM-470

TB-2 Trust Bearing

LM-470 Manual, Drawings, Calculations

Replacement Pulleys

Masts