**PART NUMBER:** 490-59000

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

**SPECIFICATIONS:**
- **TOWER HEIGHT:** Extended 86’. Retracted 22’.
- **TOWER SUPPORT:** Self-supporting no guys.

**WIND LOADING:** Engineering analysis indicates the tower will support 26 square feet of projected area at the basic wind speed of 100 MPH, 3 second gust per ANSI/TIA EIA RS 222 Rev. H.

**DEAD LOAD:** The maximum dead load is 400 lbs.

**WEIGHT:** The tower with the base weighs 2100 pounds.

**SECTIONS:** The tower is made from 5 each 20 foot sections #5, #6, #7, #8 and #9.

**DESCRIPTION:**
Tower is complete with a gearbox, drum, hoisting cables, and a rigid concrete base mount. The tower comes equipped with a rotator plate, manual and one set of drawings and calculations. Hoisting cable system designed to extend the tower telescopic sections uniformly.

The DX-86 is a motorized with an 1 HP electric motor, electric control box and two limit switches wired for 220 V. This tower has a positive pull down. “Positive Control” worm gear winch permits the raising and lowering of DX towers without the aid of stops or locks. DX-86 uses a 50:1 ratio winch. The DX-86 also includes a pre-wired motor control assembly.

This tower has a pulley frame on 3 faces and uses 5/16 x 7 x 19 aircraft cable.

**ACCESSORIES:**
- RCB-86 LT (#9 Wide Section)
- TB-2 Thrust Bearing
- CO-6 for DX-86
- Masts
- TA-86
- Replacement Pulleys
- #5 Rotator Plates
- DX-86 manual, Drawings, Calculations
- Cable Kit for DX-86
- RLT