

# DX-86

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

**SPECIFICATIONS:**

TOWER HEIGHT: Extended 86 feet. Retracted 26 feet.

TOWER SUPPORT: Self-supporting, no guys.

WIND LOADING: Engineering analysis indicates the tower will support 21 square feet of projected area at winds of 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 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 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 version of the above tower. The 1 HP electric motor comes with an electric control box and two limit switches wired for 220V. 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 1/4 x 7 x 19 aircraft cable. Main Cables are 5/16.

**ACCESSORIES:**

RCB-86 LT (#9 Wide Section)

CO-6 for DX-86

TA-86

#5 rotator plates

Cable Kit for DX-86

TB-2 Trust Bearing

Masts

Replacement Pulleys

DX-86 Manual, Drawings, Calculations