

Model No. DX-100

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

SPECIFICATIONS:

TOWER HEIGHT: Extended 100'. Retracted 32'.

TOWER SUPPORT: Self-supporting no guys.

WIND LOADING: Engineering analysis indicates the tower will support an antenna with an equivalent effective projected area of 24-ft² at a basic wind speed of 100 MPH, 3-second gust per ANSI/TIA-222-H.

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

WEIGHT: The tower with the base weighs 2500 pounds.

SECTIONS: The tower is made from 6 each 20 foot sections #4, #5, #6, #7, #8 and #9.

DESCRIPTION:

Tower is complete with a gearbox, drum, hoisting cables, and a rigid concrete base mount. Hoisting cable system designed to extend the telescoping sections uniformly. Stamped prints and calculations for building permits will need to be purchased separately. Price of tower includes base, winch, and manual

The DX-100 is a motorized tower, with a 1 1/2 HP electric motor and comes with an electric control box and two limit switches wired for 220 volts This tower has a positive pull down. "Positive Control" worm gear winch permits the raising and lowering of DX towers without the aid of locks. DX-100 uses a 50:1 ratio winch.

This tower has a pulley frame on 3 faces and uses 5/16 x 5 x 36 aircraft cable.

ACCESSORIES:

RCB-86 LT (#9 Wide Section)

TB-2 Thrust Bearing

CO-6 for DX-100

Masts, 20' 10'

TA-86

Replacement Pulleys

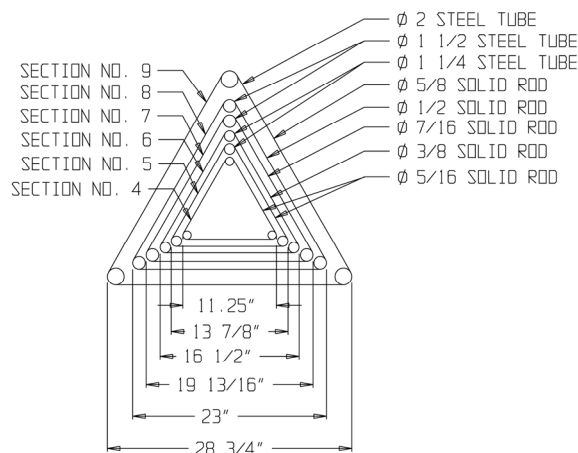
#4 Rotator Plates

DX-100 manual, Drawings

& Calculations

Cable Kit for DX-100

RLT (Remote)



TOWER CROSS SECTION

