Model No. DX-100HD

PART NUMBER: 481-0200

TYPE: Self-supporting, extendable, motorized heavy duty 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 40 square feet of projected area at the basic wind speed of 100 MPH, 3 second gust per ANSI/TIA EIA RS 222 Rev. H., Exposure C, No Crest, Topo 1. This stronger tower is suggested for high wind areas where heavy loading is required.

DEAD LOAD: The maximum dead load is 500 lbs.

WEIGHT: The tower with the base weighs 3,400 pounds.

SECTIONS: The tower is made from 6 each 20 foot sections #5, #6, #7, #8, #9 and #10.

DESCRIPTION:

Tower is complete with a 100:1 gearbox, 1.5 hp electric motor, drum, dual 5/16 x 7 x 19 aircraft lift cables, positive pull down and a rigid concrete base mount, RCB #10. The tower is designed to extend the tower telescopic sections uniformly. With your purchase, a user’s manual is included. The DX-86HD has pulley frames on all three sides. The DX-86HD is built with high strength tubing and the bracing is made of solid rod. This design is a strong engineering configuration, yet save weight, resists torsion, and reduces wind load, allowing for more antenna load to be installed on the tower.

ACCESSORIES:

DX-100HD manual
Drawings & Calculations
RCB #10
TB-2 Thrust Bearing
CO-6 for DX-100HD
Masts
TA #10
Replacement Pulleys
#5 Rotator Plates
Cable Kit for DX-100HD
RLT