

# WR-500 ROTOR

Wilson's WR-500 rotor, exhibits most of the durability features of the WR-1000 and offers top performance when properly used. Not a weakling, the WR-500 rotor easily handles antennas having a windload area of up to 6 square feet! Powered by a high torque motor with a stall-torque of 780 inch-pounds, and a disc-type brake to ensure the antenna holds at the position selected, the WR-500 is quality indeed. Heavy-duty cast aluminum is used for the rugged housing.

Full 360° rotation can be accomplished in less than 60 seconds due to the stainless steel drive gears and the 98 ball bearings used to support a load up to 750 pounds balanced weight.

Controls include: power on/off, calibrate, maximum rotation, clockwise rotation, and counter-clockwise rotation. A lighted, accurate direction meter continuously indicates the antenna's position.

An ideal rotor for communications antennas such as Wilson Shooting Star, Tri Band amateur antennas, etc.

## Specifications

**Maximum Load:** 6 square feet windload area.

**Housing:** Heavy-duty cast aluminum

**Motor:** High torque; 780 inch-pounds stall torque

**Brake Type:** Disk

**Brake Torque:** 1300 inch-pounds

**Gears:** Stainless steel drive

**Bearings:** 98 steel balls; 750 pounds balanced weight capacity

**Hardware:** All hardware included; accepts 1 $\frac{3}{8}$  to 2 $\frac{1}{8}$  inch OD masts

**Mounting:** In-line or tower

**Control Cable:** 6 conductor; maximum resistance 2.5 ohms

**Voltage:** 115V ac, 50-60 Hz

**Weight:** Rotor only 12 pounds

**Control Box Dimensions:** 6 $\frac{3}{4}$  W x 3 $\frac{3}{16}$  H x 5 $\frac{1}{8}$  D inches

**Shipping Weight:** 20 pounds.

**Size:** 7" diameter, 17" height including top and bottom mounting brackets.

