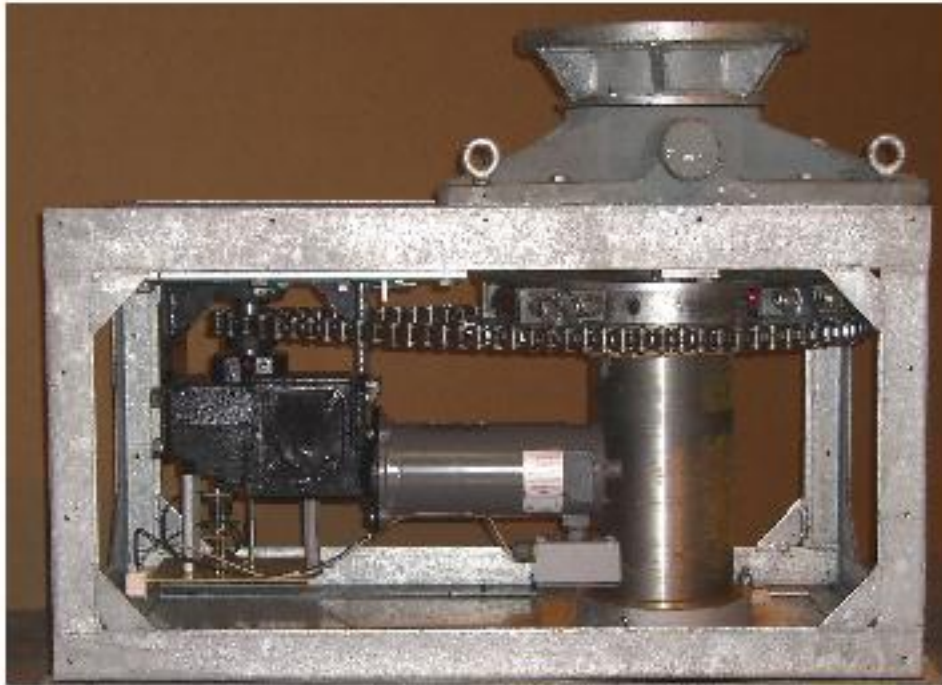




**UNITED  
STATES  
ANTENNA  
PRODUCTS, LLC.**

**MODEL R - 3503  
HEAVY DUTY ROTATOR SYSTEM  
WITH DRC-3 ROTATOR CONTROL UNIT**

## Description and Application



The R-3503 Rotator System is designed for heavy duty applications where medium to high rotating/braking torques and high vertical loads are imposed. Provided with two point trunnion mounting fixture, this rotator is designed to operate in a ground mounted configuration similar to that provided by our T-3002 twin tower system. The output shaft is a 12 bolt flange mount casting. The rotator drive shaft will concentrically accommodate coaxial transmission lines up to 6 1/8" diameter with provisions for rotary joints at the base which are available as optional accessories. This system is supplied complete with rotator pedestal, rotator control unit and rotator power/control assembly.

### SPECIFICATION SUMMARY T-3503

Rotating Torque .....	23,700 in. lbs.
Braking Torque .....	60,000 in. lbs.
Maximum Vertical Load .....	20,000 lbs.
Rotation Speed .....	1 1/4 RPM
Position Accuracy .....	+/- 1 degree
Drive Type .....	Gear and Chain
Motor Horse Power .....	1/2 H.P.
Power Requirements .....	115/230 V.A.C.
Operating Temperature .....	- 40°C to +70°C
Forward/Reverse Delay .....	5 seconds
Shipping Weight .....	1260 lbs (571.5 Kg)
Shipping Volume .....	47 cu. Ft. (1.33 cu. m)

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