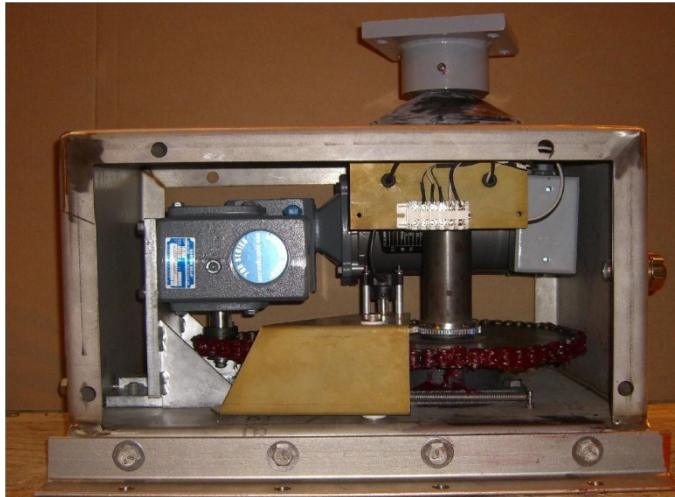




# MODEL R3501

## Universal Rotator System With Model DRC-3 Rotator Control Unit



The R3501 Universal Rotator System is designed for medium duty antenna rotation applications where economy, versatility and reliability are emphasized. Designed for universal applications; the R3501 will mount on any tower of sufficient face width with the minimum of adaptation required, or may be mounted on the side or on top of towers, poles or other support structures.

The output shaft adaptor casting will accept any mast shaft diameter from 1 1/4" to 2 1/2", and the drive shaft will accept up to 1 5/8" diameter transmission lines concentrically within the drive shaft. The R3501 is supplied complete with rotator, adaptor angles, rotator control unit, and rotator power/control assembly.

### Mechanical Specifications

Rotating Torque	9,000 in. pounds
Braking Torque	23,000 in. pounds
Maximum Vertical Load	1,000 pounds
Rotation Speed	1 RPM (User Selectable)
Position Accuracy	+/- 1 degrees
Drive Train	Gear and Chain
Motor	1/3 H.P.
Power Requirements	115/230 VAC
Total Reduction	1800:1
Operating Temperature	-40°C to +70°C
Forward/Reverse Delay	3 seconds- User Selectable
Shipping Weight	330 pounds (149.7 Kg)
Shipping Volume	12.8 cu. ft. (.36 cu.m.)
Dimensions	19" w x 24" l x 14.5" h

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