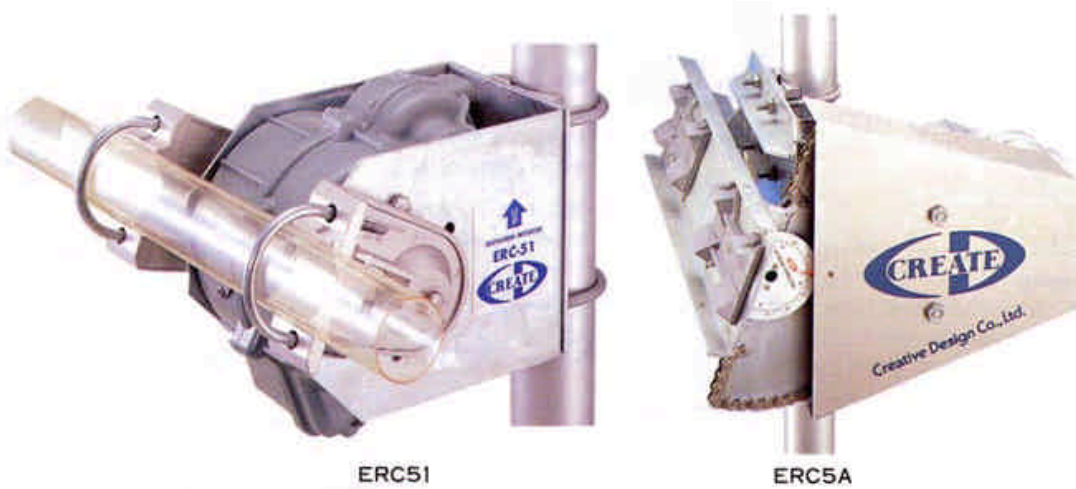


Elevation Rotator ERC-5x Series



ERC51

For Middle Sized Antenna Elevation

*Easy Installation/Uninstallation for Preassembled Antenna

*Installable for KT-Series Elevation

This CD model ERC51 is designed for azimuth elevation control for light weight to medium sized antennas with easy installation and cost effectiveness. Installation can be done very easily by using U-bolt than allows to mount such a preassembled type of stacked antenna without dismantling any components of antenna. In couple with EME, it helps a lot to derive a unique performance expected the communication through these Sporadic-E, ratio duct, and mountain diffraction, diffused reflection communications etc. by varying elevation angle.

ERC5A

For Big Sized Antenna Elevation

*Easy Installation/Uninstallation for Preassembled Antenna

*Adapted A Rust Resist High Tension Chain

This CD model ERC5A is designed for elevation control for an exceptionally big antennas of large rotating torque with high accuracy. With highly selected and unique materials of anti-corrosion and high durability, it is ideal for big and heavy antenna such as large stacked Yagi array, parabolic antenna or an experimental use of EME antennasetc.

SPECIFICATIONS

Model		ERC51	ERC5A	ERC51D
Rotating Torque (kg/m)		7	10	5
Brake Torque (kg/m)		100	300	100
Mast Diameter (mm)		48~62/Mast 40~60/Boom	48~62/Mast 55~77/Boom	48~62/Mast 40~60/Boom
Vertical Load (kg)		50	250	50
Horizontal Load (kg)		200	600	200
Speed Sec.	50MHz/90°	25 ~ 55	75 ~ 110	18 ~ 60
	60MHz/90°	20 ~ 45	60 ~ 95	18 ~ 60
Reversal Time (sec.)		0		
Preset Function		Provided		
Preset Accuracy		± 3 °		
Power Requirement		150VA		12 ~ 15VDC
Indicator Accuracy		Less than ± 4 °		
Weight (kg)		8.0	19.0	8.0

Notes: 1) ERC5x is PC tracker connectable type.

2) Power Requirement is 100VAC, Control cable requires 7-core. (*ERC51DC: 12VDC, 6-core)

3) Those models which attaches 25m long cable are also available.

Integrated Rotator for Satellite Tracking AER-5



AER-5
Azimuth and Elevation for a Middle Sized Antenna

- *Integrated Type For Azimuth and Elevation
- *Easy Installation/Un-installation For Pre-assembled Antenna
- *High Cost Performance (Low-Price and with Many Features)
- *Fast Rotation and Suitable for Satellite Tracking

AER-5 is an integrated type of rotator for both azimuth and elevation, designed for installation of a middle-sized azimuth and elevation antennas. The azimuth rotator of this model is especially designed to present a fast speed rotation considering for use of a satellite tracking.

SPECIFICATIONS

Model		AER-5 Azimuth/Elevation
Rotating Torque (kg/m)		6/7
Brake Torque (kg/m)		90/100
Boom Diameter (mm)		40-62
Vertical Load (kg)		50
Horizontal Load (kg)		200
Speed Sec 50MHz	Azimuth	35 ~ 150/360 °
	Elevation	25 ~ 55/ 90 °
Reversal Time (sec.)		1/0
Preset Function		Provided
Preset Accuracy		± 3 ° / ± 3 °
Power Requirement		90VA/150VA
Indicator Accuracy		Less than ± 4 ° / ± 4 °
Weight (kg)	Rotor	12.0
	Controller	3.0



- Notes:
- 1) This model is PC tracker connectable type.
 - 2) Power Requirement is 100VAC, Control cable requires 7-core.(x2sets)
 - 3) This model which attaches 25m(x2sets) long cable are also available.

Accessory / Optional



CK46 MAST BEARING (Mast Dia. 40-65mm)

The model CK46 is a unique mast bearing. Bearings used is made of conical-shaped advanced engineering plastics that assures high intensity and smooth rotation with in the magnesium alloy die-casting housing. For gripping system, CK46 uses chuck instead of bolt alone in order to hold the mast tubing with high gripping force against the supporting mast without giving any damage to the mast.



UC-1 UNIVERSAL COUPLER

This universal coupler is designed to absorb the off-swerve for the case that center of mast axis between thrust bearing and rotator are not being aligned. For these who wish to install an antenna on the a tubing mast meet the requirement.



MC-2 MAST CLAMP FOR LOWER MOUNT CLAMP

This clasper allows to mount rotator between upper and lower mast. It is advisable to have supportive guy wire in the upper mast if installed antenna is large in size and the length of the upper mast it long.

FOR MAST CLAMP

This MC-2 is bracket for fixing an antenna mast tube too for the case that antenna rotation is not required. Use this bracket with the combination of the thrust bearing CK46.



MOUNT BRACKET FOR TUBING POLE

This mounting bracket enables to mount CD's rotators and mast bearing to a tubing type mast. Sturdy steel materials processed with hot-dipped galvanized assures liable construction. The following four ranges of size are available in order to meet the outer diameter size.

No.	Model(Diametermm)
1	PBP-1 (100 ~ 120) PRP-1 (120 ~ 150)
2	PBP-2 (120 ~ 150) PRP-2 (150 ~ 173)
3	PBP-3 (150 ~ 173) PRP-3 (170 ~ 214)
4	PBP-4 (170 ~ 214) PRP-4 (205 ~ 260)

PBP: Bearing Bracket
PRP : Rotator Bracket

*Leaving-space between PBP-x and PRP-x is approx. 1.8~2.3m.