

Features

- Motorization Upgrade Kit for Earth Station antennas
- For any ESA with Jackscrews
- Adaptive Interface with any type of Jackscrews
- Including High Performance Servomotors with high resolution Encoders
- Up to 14 kW Motor Power
- Axis speeds up to 1°/sec
- Axis Accuracy: 0,01°
- Planetary or Worm Gears to reduce speed & increase accuracy
- Intelligent Motion Servo Controllers for variable Speed & optimized travel and precise pointing
- Positioning limits
- APS700 Series Antenna Controller



| Specifications | |
|------------------------------|--|
| Motorisation type | Upgrade Kit for Jackscrew Earth Station Antennas Including 2 Servomotors, Servocontrollers / Electronics and APS700 series ACU |
| Motors | 230V & 400V AC Servomotors |
| Motor Nominal Power | Up to 14kW per Axis |
| Rated Speed | Up to 6000rpm |
| Motor Norminal Torque | Up to 70Nm |
| Motor Max Torque | Up to 93Nm |
| Encoder | Incremental(4096 I) or absolute |
| Reduction Gears | Planetary or Worm Type Gears with up to 500:1 ratio |
| Servo Controller | 230 & 400 V AC Motor Input, 24V DC Electronics |
| Nominal Load | Up to 30A np, 60A max. |
| Interfaces | Motor, Encoder/Resolver, Limits, Analog, Digital, RS485, CAN Bus |
| ODU Cabinet | Yes, air-conditioned |
| Controller | APS700 Series Controller, Handheld Controller |
| Temperature | -30 to 60°C |
| Humidity | 0 to 100% |