1.8 – 2.4m Dual Drive
2-Axis Motorization

global apexsat
completing the picture

Features

- 2 axis Elevation over Azimuth Motorization
- Compact and rugged
- Scalable positioner design
- For all 1.8 to 2.4m Offset & Prime Focus Antennas
- Designed for Global Invacom antennas, compatible with other brands
- For all C, Ku and Ka band antennas
- Speed: Standard 0.75°/sec
- Axis Precision: better than 0,09°
- DC Motors with built-in Encoder
- Optional Polarization drive
- APS700 or APS910 Antenna Controller System



Specifications		
Electrical		
Mount Design		Elevation over Azimuth, Dual Axis Slewing Drive Design
Material		Hot Dip Galvanized Steel
Antennas		1.8m to 2.4m Offset & Prime Focus Antennas
Positioner Interface		Flange interface for NPRM, Pedestal Opt. 168mm(6.62in) Canister for NPRM, Pedestal
Travel Range	Azimuth Elevation	360° 120°
Polarization		optional
Axis Speed	Standard On request	0.75°/sec Up to 3°/sec
Axis Precision		≤0.09°
Encoder Resolution		better than 0.01°
Motor		24V DC Motors w/integrated encoders
Drive Control		Intelligent Motor Control Unit(iMCU) with closed loop control
Antenna Controller		APS700 or APS910 Series
Power Consumption		230 VAC, 50Hz, max. 400W
Environmental		
Wind Speed		80 km/h(operational) 200km/h(survival)
Temperature		- 30°C to +50°C
Relative Humidity		100%, non-condensing
Rain		100mm/h
Solar Radiation		360 BTU/h/ft2 (1000 Kcal/h/m^2)
Shock & Vibration		As encountered during shipment by commercial air, sea or truck
Seismic(survival)		0.3G's horizontal, 0.15G's vertical

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