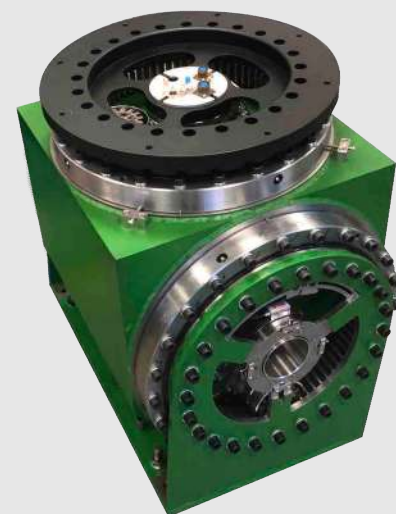
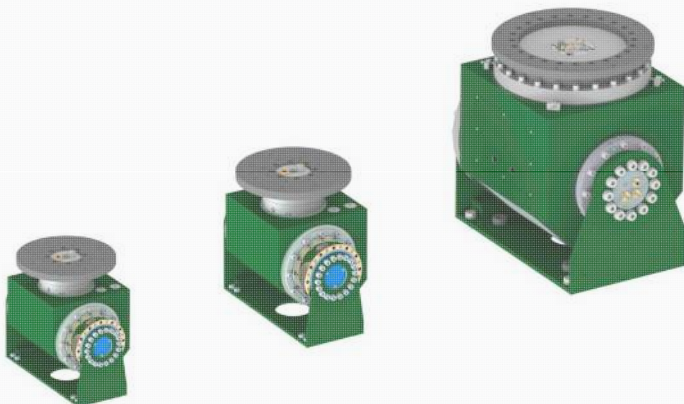


ASY-AE Series AZ/EL Positioners



- ASYSOL's Azimuth over Elevation Positioners are compact, robust and application focused in their design. They are simple to use, allowing for safe and reliable operation from the moment they are operated. All the models are backlash error free, assuring the user of the highest levels of standard accuracy.
- The positioners have user connector interfaces, integrated slip rings (12 channels are available as standard), absolute encoders, RF connectors, rotary joints and internal RF wiring meaning you can depend upon the ASY-AE positioner series to provide highly accurate rotation, upon cross-roller type slewing bearings.
- Fitted with industry standard brushless motors and distributed driver electronics, the user can take advantage of any combination of multiple positioners and slides for bespoke user-concepts of simultaneous real time motion.
- Positioners are supplied with a test and calibration report, as well as user manuals and user documentation helping the end-user make optimal use of the product.



Model Number	ASY-AE-25	ASY-AE-28	ASY-AE-35	ASY-AE-50	ASY-AE-60
Maximum payload [Kg]	50	100	200	1.000	3.000
Bending Moment, static [Nm]	400	700	1.600	1.800	5.400
Torque [Nm] AZ / EL	100 / 200	200 / 495	420 / 890	720 / 1,450	1,450 / 3,000
Nominal speed [rpm] AZ / EL	10 / 10	10 / 10	10 / 10	2 / 1	2 / 1
Travel [deg] AZ / EL	Continuous / +85 to -40	Continuous / ±95	Continuous / ±95	Continuous / ±95	Continuous / ±95
Accuracy [deg, RMS] AZ / EL	0.02 / 0.05	0.03 / 0.02	0.03 / 0.02	0.017 / 0.017	0.017 / 0.017
Turntable size [mm]	250	250	350	500	600
Weight [Kg]	140	70	100	420	600
Motor power (W) AZ / EL	400 / 345	440 / 940	940 / 1.800	600 / 600	940 / 940

Options:

- High-torque
- High speed
- Rotary joint options for frequencies up to 67 GHz
- Adjustable limit switches
- Wiring options for dual-channel RF feed-through
- High accuracy (0.003 degrees)
- Accuracy calibration under load (set of custom loads)
- Custom wiring and slip rings (additional channels are available upon request)
- Custom energy chain for RF, power, cooling or FO cabling
- Customised turntables

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Indian Representative: JV Micronics
Plot No 413, Sector-68, IMT
Faridabad, Haryana-121004

 info@jvmicronics.com
 +91-9811290428
 www.jvmicronics.com

 **ANTENNA**
Systems Solutions

A CELESTIA TECHNOLOGIES GROUP COMPANY 