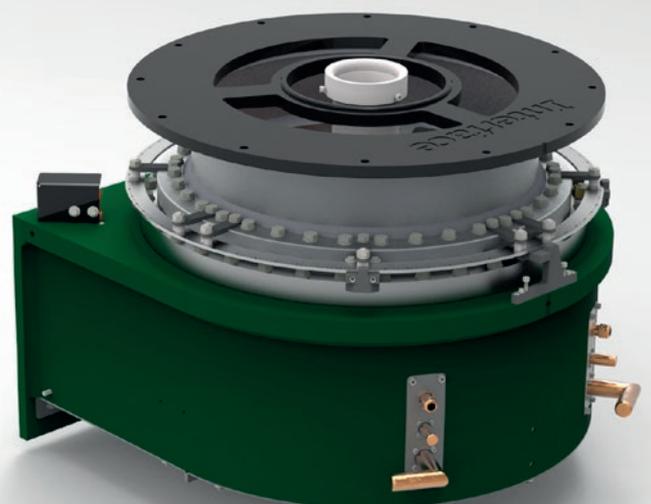


## ASY-AZ Series Azimuth Positioners

[sales@asysol.com](mailto:sales@asysol.com)



- **ASYSOL's Azimuth 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-AZ 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 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	Vertical Load [N]	Bending Moment [Nm]	Torque [Nm]	Nominal speed [rpm]	Accuracy [deg]	Turntable size [mm]	Weight [kg]	Motor power [W]
ASY-AZ-20	250	150	17	1	0.03	200	14	30
ASY-AZ-25	1,440	415	85	4	0.025	250	35	70
ASY-AZ-28	4,830	1,950	145	4	0.025	280	40	120
ASY-AZ-35	12,140	3,850	300	2	0.015	350	55	125
ASY-AZ-50	38,300	10,400	720	2.5	0.015	500	105	375
ASY-AZ-60	114,900	31,200	1,620	1.6	0.015	620	134	540
ASY-AZ-70	153,200	41,600	2,710	1.5	0.015	730	325	850
ASY-AZ-80	191,500	52,000	2,870	1.5	0.015	830	720	900
ASY-AZ-100	229,800	62,400	4,480	1.5	0.015	1,040	950	1,400
ASY-AZ-120	319,100	83,200	5,235	1.5	0.015	1,240	1,280	1,650

## Options:

- High-torque
- High speed
- Rotary joint options for frequencies up to 50GHz
- 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)
- Customised turntables

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