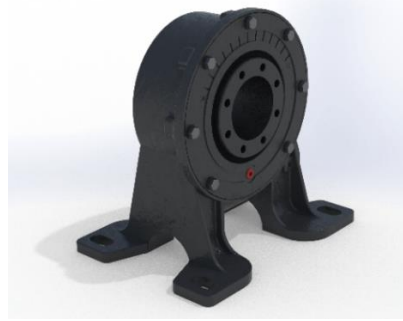




Kinematics ST™ Series

Solar Actuation you can BANK on.

Reliable trackers are essential for today's utility-scale solar plants, enabling the production yield that plant owners and investors demand. You want trusted actuation that delivers reliable operation for the life of the plant, without costly and time-consuming maintenance.



Designed in the USA specifically for solar tracking by the team that has delivered over two million actuators, our ST Series is created and tested to last the life of the plant. Trusted reputation meets brand new innovation.

No Grease Gun Required

Forget the grease - the ST drive features self-lubricating dry gear bearings and a grease-free (oil) gear/worm mesh. The latest generation Kinematics ST™ series eliminates the expensive truck rolls needed to re-grease drives typical of competitors' offerings, saving you time and money over the life of your tracker.

World's Most Bankable Drive

Bankability is essential to competing in today's utility-scale solar market. Kinematics is the trusted leader in actuation and the number one partner supplying over 40% of the global tracker market today. With 2 million drives and 53 GW fielded, you can bank on our experience and technology.

More Strength, Less size

Our solutions are optimized for today's high-density tracker designs—and can be easily customized to meet the requirements of your specific applications. The new ST design delivers up to 50% more holding torque than our previous HE Series allowing the use of a smaller size drive for the same application without sacrificing performance.

Environmental Excellence

Unlike other solar actuators on the market that use cover plates, grease Zerks, and other exterior penetration points, the ST series has been independently certified to IP65 water and dust protection. This ensures that it meets the harsh environmental conditions needed for the tracker market. With fewer parts and water entry points, no top-of-drive penetrating features, and a vented, double oil-seal worm design, the environmental robustness is unsurpassed in the industry.



ST6C	ST7C	ST8C	ST9C
51:1 Ratio	51:1 Ratio	61:1 Ratio	61:1 Ratio
20 kNM BHT	36 kNM BHT	45 kNM BHT	60+ kNM BHT
4 kNM Max Output	6.5 kNM Max Output	8 kNM Max Output	12 kNM Max Output