



AXE^{TR} Tracker

Durable

Round tube ensures effective torsion transmission; glass-reinforced self-lubricating polymer bearings and wind dampers boost longevity.

Economical

Drive experience reduces running loads that extend life, cuts maintenance, and lowers self-consumption.

Versatile

Standalone, single-row, single-axis with independent row control fits varied layouts.

Innovative

Patented centre-of-gravity design enables zero-weight rotation. Intelligent backtracking prevents shading.

Additions	Cable clips to panel frames	
Module orientation	Portrait	
Row Lengths	Standalone horizontal single-row, single-axis tracker with independent row control; supports row lengths up to 95 m.	
Rotation Angle	Tracking range of 120° (± 60°) rotation angle for better yield.	
Drivers	TGB slew drives, motors, and dampers (TGB Group, an international benchmark with decades of experience in slew drive development.)	
Controllers	P4Q Suntrack SelfPowered Plus (DC-powered + battery backup). IP66 per-row controller integrates power, driver, comms, tilt sensor & CPU.	
Foundation	Concrete-pile or pile-driven foundations.	
Standards	Eurocode 1 / SANS 10160 Eurocode 3 / SANS 10162 ISO 1461 Eurocode 9 Eurocode 7 / SANS 10400	Structural design Structural use of steel Hot dip galvanized coatings Design of aluminium structure Foundation design
Materials	Posts & Tube Small Parts	Hot-dipped galvanised steel (8.8) Hot-dipped galvanised steel (8.8)
Certification	ISO 9001	
Warranty	10 years ¹	

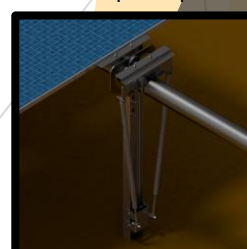
Centre of gravity rotation



Drive connection to tube



Damper setup



¹ For terms and conditions please refer to the Axe Struct Warranty Terms.