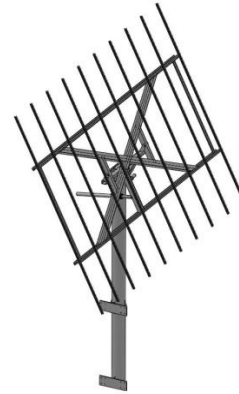


Datasheet

DEGERtraker 5000HD – Dual-axis, active



DEGERtraker 5000HD
with concrete foundation for open land installation



DEGERtraker 5000HD
without concrete foundation for flat roof installation

Dual-axis, active tracking systems suitable for all current solar modules

Power spectrum:

- Module output increase up to 45% for all photovoltaic uses.
- For open spaces, buildings and for installation with different mast lengths.
- For all current modules.
- Worldwide applicability.

Rated power (up to the module type)	4,000 ... 7,000 Wp
Module area up to	430 sqft.
Rotation angle east – west	360° with adjustable limit switches
Elevation	15°-90°
Control unit	DEGERconecter
Operating voltage	Energy converter V
East –west drive	drive integrated in the rotating head
Elevation drive	43.31 Inch stroke path
Internal power consumption:	
control mode	1 Watt
with operating drives approx.	7 Watts
Power consumption per year. approx.	9 kWh
Mast height	10.8 ... 18 ft.
Load capacity	106 ... 186* mph
Weight (excluding mast)	1,874 lb.
Maintenance	maintenance-free
Art.no.	1510001

The systems are designed in accordance with DIN 1055-4 (03/2005). Project-specific assimilation to regional provisions. Subject to technical changes for future improvements. * designed with planning tool.

Scope of delivery: Complete tracking system with optimized tilt angle, tube, DEGERconecter and control electronics, aluminium mounting system compatible with any module type, foundation plan and an installation manual.

Additional support: Insurance packages, financial concepts and maintenance contracts (Spare Care & Total Care).

Advantages that pay off

Technology

- Market leader for more than 10 years
- Patented control - DEGERconecter
- Easy Plug & Play installation
- Lowest energy consumption

Security

- Highest energy surplus
- Maintenance contracts for projects
- Engineering (Made in Germany)
- Availability for more than 99.9%

Return

- Highest return
- Best price-performance ration
- Quick ROI
- Fastest amortization

ÉNERGIE
MATRIX
ENERGY



296 Labrosse Avenue, Pointe-Claire, QC, Canada, H9R 5L8
Tel: (514) 630-5630 Toll Free: 1-866-630-5630 Fax: (514) 426-9123
info@matrixenergy.ca www.matrixenergy.ca



Systems are produced environmentally friendly in an ISO 9001 certified company. Checked statics are certified by TÜV. Certified in North America by directives of the UL/CSA.