

Services

Preparatory and executive services



Quality from a single source

Welcome to **Mounting Systems** and **MSY Services** !

We are your reliable partner for innovative and durable PV substructures. Our comprehensive solutions offer you everything from a single source - from planning to delivery to professional installation.

Our services at a glance:

- **Planning:** Tailor-made concepts for your individual requirements
- **Delivery:** Punctual and reliable provision of all components
- **Execution:** Everything from a single source by our in-house assembly team with more than 5 GW of experience worldwide in turnkey assembly

Why MSY Services?

- **Many years of experience:** We look back on a long tradition and extensive expertise.
- **Quality and safety:** Our products and services enable a structural warranty of up to 50 years.
- **Customer satisfaction:** Your satisfaction is our top priority. We offer you excellent service and personal support.

Trust in the expertise of Mounting Systems GmbH and MSY Services GmbH – for future-proof PV solutions that meet the highest standards.

Contact us today and find out more about our tailor-made solutions for your project!
projects@mounting-systems.com



Ground Mount



Farming



Framed



Bifacial



Portrait



Landscape



Structure



Components

A. Project preparation

Due to our transparent and experience-based approach, we make long-term usability and stability an understandable and resilient undertaking for the investor.

With the 3D analysis of the project site, the chemical soil analysis and the determination of the embedment depth by means of a pull-out test, we create the basis for our own stability guarantee.

3D – site survey	Recording of the terrain model DGM1
Layout creation (2D/3D)	Planning of the project layout at module/table level including collision and inclination analysis
Pull-Out-Test	Practical determination of the embedment depth based on predefined loads and post dimensions
Determination of embedding dept – EC7	Determination of the embedment depth based on pull-out tests by third parties including conversion according to the post dimensions
Corrosivity analysis (soil) – EN DIN 50929	Analysis of the soil aggressiveness and derivation of measures for stability over the selected operating period

B. Project execution

With an experienced team of machine operators, surveyors and fitters, we build each solar park quickly, sustainably and with clean documentation. This minimizes interfaces and other frictions in the project.

Site preparation	Project area preparation including fencing, storage area, leveling and/or clearing
Foundation	Introduction of the foundation variant (post driving, pre-drilling, screw foundations, concrete work)
Mechanical installation	Construction of the entire substructure including integration into equipotential bonding (on-site service)
Module fastening	Module installation and fastening in accordance with the specifications of the module manufacturer and frame manufacturer
Documentation	Comprehensive documentation for traceability and quality of the services

C. DC-Cabling

DC string cabling	Electrical connection of the modules and strings with the DC collector or inverter (without material)
Characteristic curve recording	Measurement of the individual strings (U-I characteristic curve) to ensure the quality of the electrical connection and follow-up inspection of the modules
Documentation	Comprehensive documentation for traceability and quality of the services