

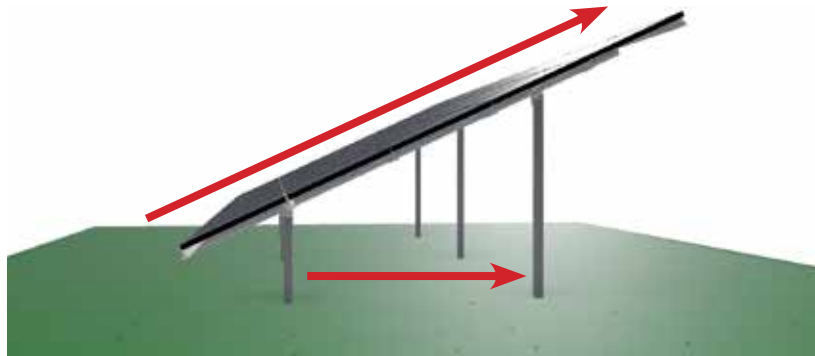
FS II

- Maximum level of pre-fabrication
- No ground sealing required
- Quick and simple mounting
- Coordinated system components
- Long service life due to optimal combination of materials

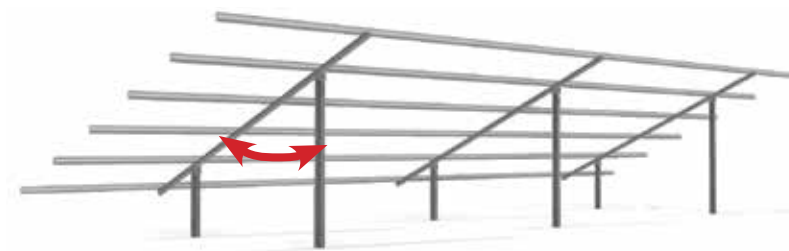


The FS open area mounting system has been deployed by Schletter for many years, in a large number of projects across Germany and Europe.

Schletter has utilized the experience gained in these projects to further enhance the FS Systems and to develop an even more effective variant to its range of PV mounting assemblies. Increasing cost pressure within manufacturing, particularly in the open-area plant sector, has resulted in the mandatory optimization of materials.



By implementing the **FS II** system, supports can be positioned at greater distances apart, particularly on level terrain. This enables a potential increase in breadth of the arrays resulting in a more efficient use of racks for a lesser use of materials.



To reduce shading distances, we recommend installing the arrays with a shallower angle of tilt.

Benefits

- Efficient use of materials
- Greater distances between supports are achievable
- Increased efficiency due to a broader module surface.

*The terms of guarantee can be referenced at www.schletter.de/AGB_en

The supports are delivered, for the most part, pre-assembled, facilitating a quick and safe construction of the racks on site. This saves valuable time and contributes to a high quality of daily delivery by our mounting team.

- Bolt head attachments to foundation posts.
- Position girders and bolt together securely. Done!



Technical data

Material	Fastening elements, bolts: stainless steel 1.4301 Rails: aluminium MgSi05 /EN AW 6063, EN AW 6005 Pile-driven foundation posts: Steel, hot-dip galvanized
Construction	<ul style="list-style-type: none"> • Quick and easy mounting • Adjustment options to compensate for uneven ground • Cost-optimized complete construction based on structural optimization • For framed and unframed modules
Delivery and services	<ul style="list-style-type: none"> • Ground survey and structural analysis • Structural analysis of the individual rack based on regional data • Pile driving of the foundations and delivery of the complete mounting material • optional: rack mounting • optional: complete module assembly
Structural analysis	<ul style="list-style-type: none"> • Structural analysis of the respective terrain based upon a geological survey • Individual systems analysis based on regional load values • Load assumptions according to DIN EN 1990 (Eurocode 0), DIN EN 1991 (Eurocode 1), DIN EN 1993 (Eurocode 3), DIN EN 1999 (Eurocode 9) and further respectively corresponding country-specific technical standards • Highly efficient, material-saving rail geometries • Structural verification of all construction components based on FEM-calculation

Further information at www.schletter.eu

