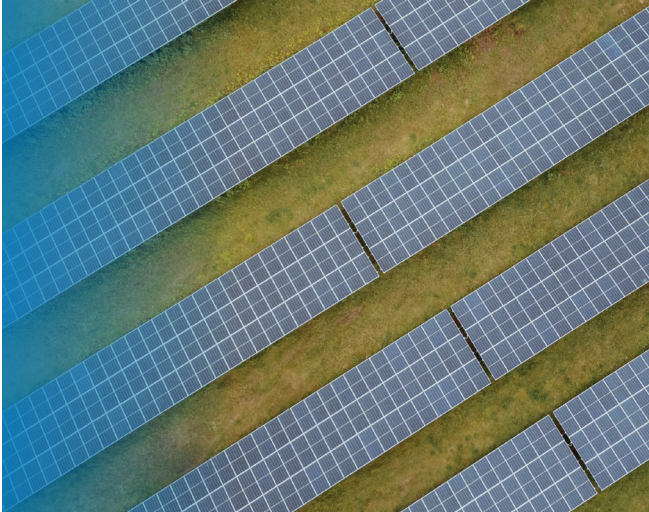
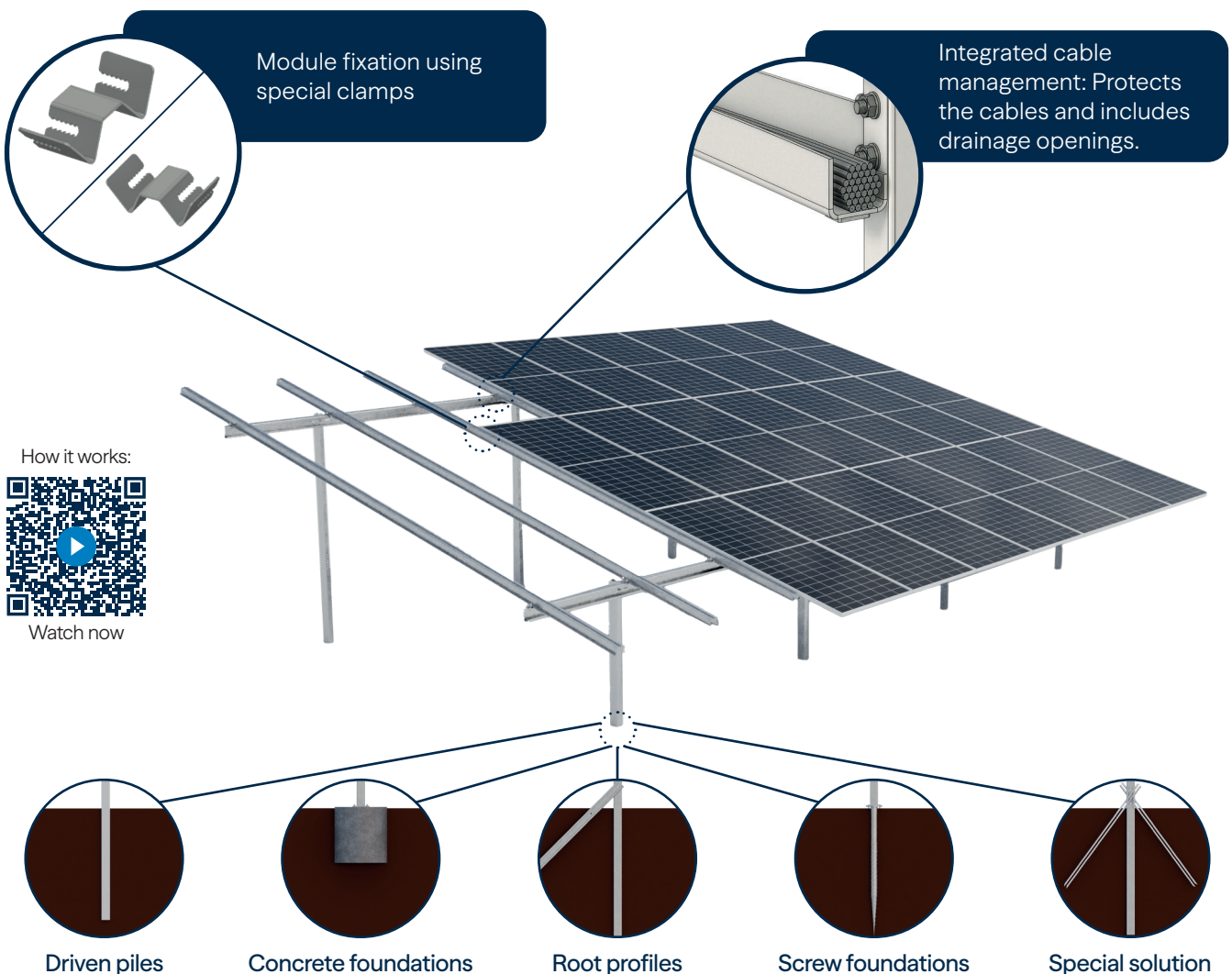


MEISER Slide-in System

Slide-in Mounting System



MEISER Slide-in System is the mounting system for ground-mounted photovoltaic installations in portrait orientation, with up to 80% faster module installation through sliding insertion and screw-free fixation of the modules at a comfortable working height. It comes as standard with integrated cable management and flexible foundation solutions. Installation is possible using three standard tools. Developed and manufactured in Germany and supplied worldwide – with a warranty period of up to 40 years.





3,600 MWp annual
production capacity



4,000 employees and
22 production sites
worldwide



System & Application		Engineering & Materials		Foundation & Installation
System type	Placement and sliding insertion of modules, fixation by clamps – reducing module installation time by 80%	Main components	Pile, longitudinal beam, module rail	Foundation options Project-specific adaptation to soil and site conditions
Terrain slope	0°–18° (East-West) 0°–16° (North-South)	Steel grades	S350 S355 S420 S460 S550 • Custom solutions on request • Stainless steel	Driven piles C-profiles, project-specific lengths
Module orientation	Portrait	Corrosion protection	• Hot-dip galvanizing according to DIN EN ISO 1461 • Continuous galvanizing • Magnelis® coating • Custom solutions (coated or uncoated)	Concrete foundations Project-specific dimensions, above-ground or below-ground
Number of modules	2 to 4 modules vertically stacked, configurable on a project-specific basis	Soil classes	I–IV	Root profiles Project-specific dimensions
Tilt angle	10°–25° (custom solution on request)	Atmospheric corrosion classes	C2–C5	Screw foundations Project-specific dimensions
Module compatibility	Compatible with all commercially available PV modules	Fasteners	Stainless steel bolts (A2-70, A4-80), aluminium components for cross connectors and module clamps, designed for permanent outdoor connections	Special solution
Module spacing	• Longitudinal: 12 or 20 mm • Transverse: 12 or 20 mm	Special components	Available on request	Tools Installation using three standard tools for low installation complexity
		Connection types	- Bolted connections (M10/M12) - Clamp connections for module fixation	Logistics Just-in-time delivery available, reducing storage space requirements

Documentation & Tools			
Structural design	CAD data	Quality documentation	Installation manual
With site and load parameters, design in accordance with applicable standards	2D/3D or GPS-based planning data and pile driving plans	Inspection reports, material and test certificates	Project-specific, multi-lingual and illustrated for safe implementation

Features & Options			
Electrical	Anti-theft protection	Vegetation protection	Modules
• DC string routing: integrated cable management • Inverter mounting bracket: optional • Lightning protection: connection points available according to DIN EN 62305	• Ensured through the geometry of the clamps	• Available project-specifically	• Grounding between module and sub-structure through clamp fixation

Services & Scope of Supply
 ✓ Worldwide, on-time delivery, supporting reliable project planning and execution - Geological assessment, structural engineering, engineering and foundation design carried out in-house – reducing interfaces and increasing planning reliability ✓ Technical support and site assistance, enabling rapid clarification of technical questions and reducing delays during construction ✓ Short-term implementation, enabling flexible response to project requirements and schedules

Standards & Certifications
• CE conformity • DIN EN 1090 (Execution of steel structures) • ISO 9001 (Quality Management) • ISO 14001 (Environmental Management) • ISO 45001 (Occupational Health and Safety) • ISO 50001 (Energy Management)

Structural Design
• Design standards Eurocodes: EN 1990, 1991 (Wind/Snow), 1993 (Steel Structures), 1997 (Geotechnics), 1998 (Earthquake Design), 1999 (Aluminium Structures) • System structural analysis Project-specific structural calculation and design.

Further Information Online
website  solar.meiser.de