



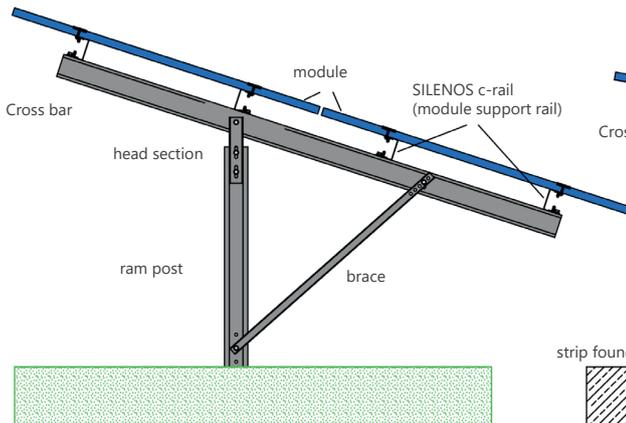
SILENOS ground mounting system



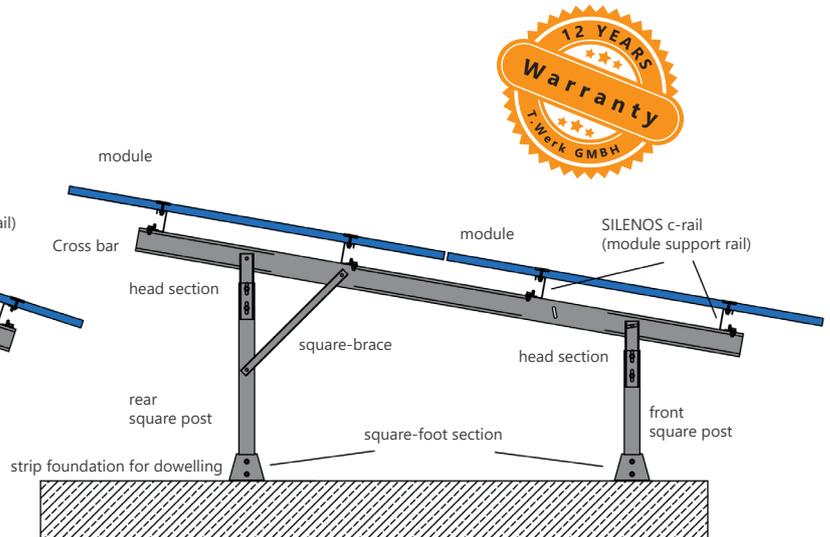
- ▶ Angle of attack from 15° to 25° (special solutions possible)
- ▶ Quick and easy installation, even on difficult and hilly terrain
- ▶ Project-related structural analysis with load assumptions according to Eurocode 1
- ▶ Excellent quality with a very good price-performance ratio
- ▶ Additional services (static and ground assessment, mounting service and fence construction, ...)

System design

The SILENOS ground mounting system is characterized by a simple and low-maintenance system structure, as well as flexible adjustment and compensation options. No drilling work is necessary with this system. In addition, a cable duct integrated in the module support rail reduces the material and installation costs.



Bsp. 1-post-ram system



Bsp. 2-post-system for dowelling on concrete foundation



Technical data

SILENOS ground mounting system	
Application	all grounds
System	1-post system (C-profiles); 2-post system (C-profiles / square profiles with dowel system; alternative fixing on 40" containers) ramming system; system for concreting in; system for dowelling on strip foundations
Module arrangement	2 or 3 modules upright one above the other; 4, 5 or 6 modules horizontal one above the other
Inclination	15° - 25° (special solutions possible)
Table size	customized table sizes; endless tables with defined thermal expansion interruptions
Module mounting	mounting on the long side of the module; no approval by the module manufacturer required
Requirements module	none - hole pattern of the module support rails and crossbars is adjusted
Ground-module sub-edge	0,8 m (adjustment possible)
Ram depth	depending on soil expertise
Optional	integration in an equipotential bonding system; module grounding when clamping the modules
Optional range of service	inverter partition walls; installation; statics expertises; soil expertises; fence construction; fence gate
Standard components (materials); on request	post (C-120 profile; S350 GD + Z600); head part (U-profile; S355 MC fvz. ISO1461); crossbar (C-120 profile; S350 GD + Z600); strut (U-profile; S355 MC fvz. ISO1461); module support rail (C-profile 110; S350 GD + Z600); clamping parts (Alu EN AW 6063 T66); connecting elements (stainless steel A2-70)

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