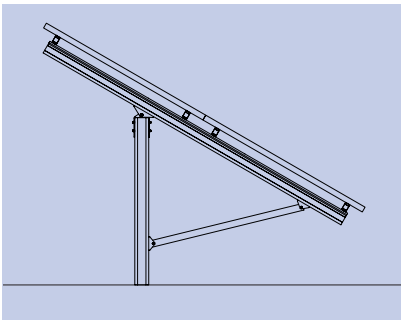


Ground level mounting system

ALFREI_RAMM_D3

The new triangular system



ALFREI_RAMM_D3 is a special version of our pile driven system which is suitable for soil classes 3 to 5. Upon receipt of a geological survey the required depth of the foundation can be calculated.

A development of our prove **ALFREI_RAMM**, the **D3** offers optimised material use, lasting stability and reduced assembly effort. The ground mounted system utilises proven ALTEC Solartechnik AG components

such as supporting profiles and mounting profiles, cross connectors, mid-clamps and end-clamps to fix the modules with the highest security. The connection of the module support framework is via an innovative, statically secure triangular system.

New to our D3 system are assembly parts such as a universal prop head which can pivot to any angle, steel U-brackets and supporting profiles made from aluminium. The prop head is fastened directly to the drive pile with securing bolts. Hex head or hammerhead bolts, washers and locking nuts are used for the other joints.

The modules can be installed landscape (3H) or portrait (2V) on to the mounting profiles and be adjusted between 15° and 35°

as required. A proof of stability of the frame technology is available covering the part constructed above ground as well beneath. The complete system uses high quality aluminium, galvanised steel and stainless steel components throughout.

- Simple and quick assembly
- Improved material use
- Optimised solutions for all ground mounting conditions
- Adjustable module angles
- Durable and high quality parts
- 10 year guarantee on a statically calculated system

We have a whole department available to help you plan, construct and realise your individual ground mounted project.



Module support framework on a stable triangular system



Adjustable Prop head with shoe and U-bracket



Supporting profile fixed to pile with U-bracket



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