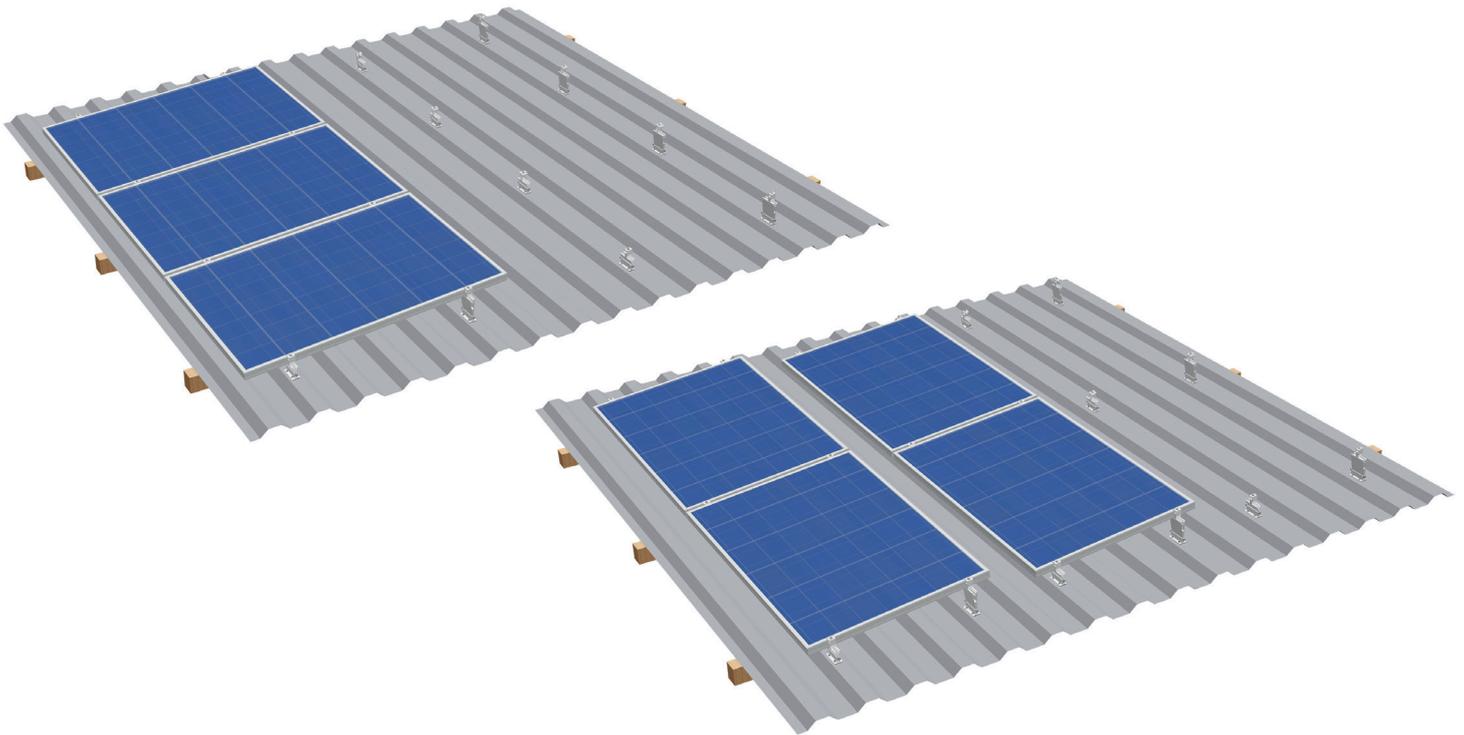




HS RAIL LIFT

High-bead rail for trapezoidal sheet metal roofs



Optimised yields

The S:FLEX high-bead rail Lift achieves solar panel inclinations of 5° for portrait and 7° for landscape installation with its adapters of different heights, which ensure optimised irradiation angles and better self-cleaning of the modules. The higher yields achieved in this way with a low system price at the same time through the use of light, 100 mm short rails mean a very good price-performance ratio. The system can also be installed in an east-west orientation for particular economy through maximum use of space.

Fast installation

The easy-to-handle rails are fastened directly to the raised beads of the trapezoidal sheet with sheet metal screws and fitted with the adapters as module supports. The pre-fabrication of the S:FLEX high-bead rail Lift with four holes and sealing tape allows for quick and easy installation.

Comprehensive module compatibility

Virtually all framed module types in popular sizes can be installed either vertically or horizontally.

Long service life

All components of the S:FLEX HS rail Lift system are produced entirely from aluminium and stainless steel. The high corrosion resistance guarantees a maximum lifespan and provides the possibility of complete recycling.

Simple, customised planning

With our planning tool, you can create an exact, specific design for each system location. Adapted to the existing roof covering, the respective wind and snow loads are always taken into account. The building statics are not affected by the mounting system.

HS RAIL LIFT

For flat roofs and ground-mounted systems on concrete foundation

Technical Data

Rear rail,
large adapter



Front rail,
small adapter



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|-------------------------------------|--|
| Application | Trapezoidal sheet metal |
| Module type | Framed modules, all common sizes |
| Options | South and East-West orientation |
| Module orientation | Portrait / landscape |
| Module pitch Lift* | 5° with portrait installation, 7° with landscape installation |
| Roof pitch | 20° max. |
| Module field length | 12 m max. |
| Snow load | 2,4 kN/m ² max. |
| Fastening | Screwed to the raised seams |
| Corrugation requirements | 35 mm width, 30 mm of which is straight contact surface / mounting at the high point of the bead |
| Sheet metal thickness | Sheet steel 0.5 mm min. Aluminium 0.5 mm min. |
| Material | Aluminium EN AW 6063 / T6, Stainless steel, EPDM sealing |
| Colour | Natural, extruded finish |

* Depending on module size and clamping area

Mounting alternative with
East-West orientation

