

TRITEC

ENERGY FOR A BETTER WORLD

TRI-FLAT EASYSPEED

The innovative flat roof system.



- simple
- quick
- efficient

The main advantages:

- Quick assembly due to preassembled components
- No time-consuming measuring work required
- Low concentrated loads on the roofing and insulation

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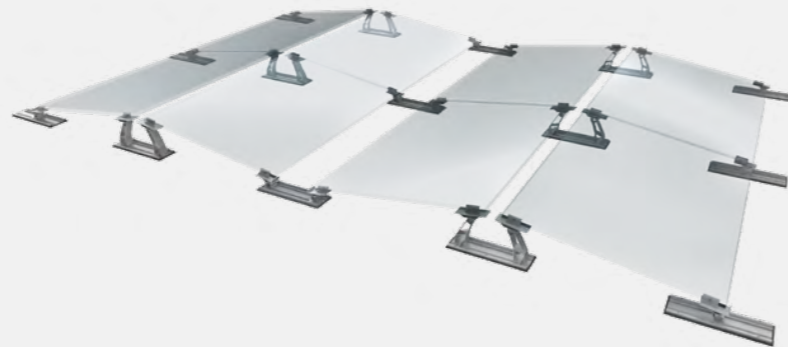
TRI-FLAT EASYSPEED

Extrem fast assembly with few components

Innovation that is well worth seeing.

The TRI-FLAT Easyspeed is an innovative flat roof system that requires few components and can be installed quickly and easily.

With only a few components it is possible to install different systems in east/west and south variants on flat roofs.



Outstanding advantages.

- Large mounting plates ensure low concentrated loads
- Modules are supported in a stress-free way thanks to the movable adapters
- No long rails, low thermal expansion and optimum water drainage
- Clamping possible on both the short and long sides of the module
- Very easy to install thanks to pre-assembled components
- Ballast-optimised (aerodynamic system)
- No time-consuming surveying work
- Quick and easy mounting
- Perfect for storage and handling
- Wind tunnel tested

Quality you can rely on.


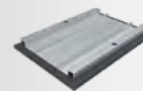
With the TRI-FLAT Easyspeed mounting system, you are relying on the highest quality standards. Recognised test centres confirm this with their seal of approval.



THE SYSTEM COMPONENTS

All components at a glance

Colour key: ● black | ○ blank

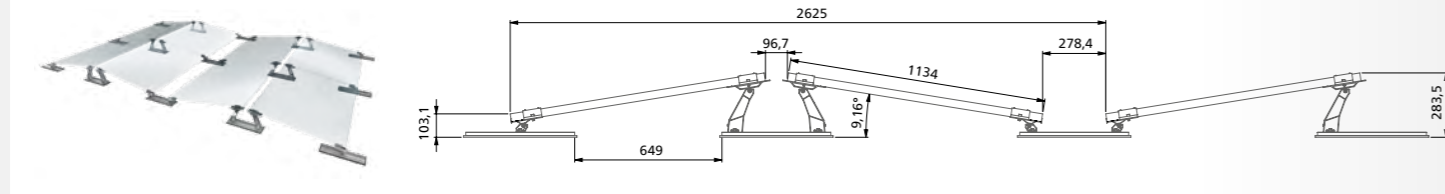
 <p>TRI-FLAT Easyspeed small raiser Standard • item no.: 1503301</p>	 <p>TRI-FLAT Easyspeed large raiser Standard • item no.: 1503302</p>	 <p>TRI-FLAT Easyspeed middle clamp 30-40 mm Standard • item no.: 1503304</p>
 <p>TRI-FLAT Easyspeed small plate 140 Standard • dimensions: 480 x 140 mm • item no.: 1503303</p>	 <p>TRI-FLAT Easyspeed large plate 140 Standard • dimensions: 700 x 140 mm • item no.: 1503312</p>	 <p>TRI-FLAT Easyspeed end clamp Standard • item no. 30 mm: 1503305 • item no. 32 mm: 1503318 • item no. 35 mm: 1503306 • item no. 40 mm: 1503335</p>
 <p>TRI-FLAT Easyspeed shim Optional • item no.: 1503330</p>	 <p>TRI-FLAT Easyspeed ballast brace Optional • item no.: 1503307</p>	
 <p>TRI-FLAT Easyspeed ballast tray 2025 / 2225 / 2475 Optional Ballast tray 2025 • modul length: 1.650 - 1.850 mm • item no.: 1503321 Ballast tray 2225 • modul length: 1.851 - 2.050 mm • item no.: 1503322 Ballast tray 2475 • modul length: 2.051 - 2.300 mm • item no.: 1503323</p>	 <p>TRI-FLAT Easyspeed wind deflector plate 1945 / 2145 / 2395 Standard Wind deflector plate 1945 • modul length: 1.650 - 1.850 mm • item no.: 1503315 Wind deflector plate 2145 • modul length: 1.851 - 2.050 mm • item no.: 1503316 Wind deflector plate 2395 • modul length: 2.051 - 2.300 mm • item no.: 1503317</p>	

SYSTEM OVERVIEW

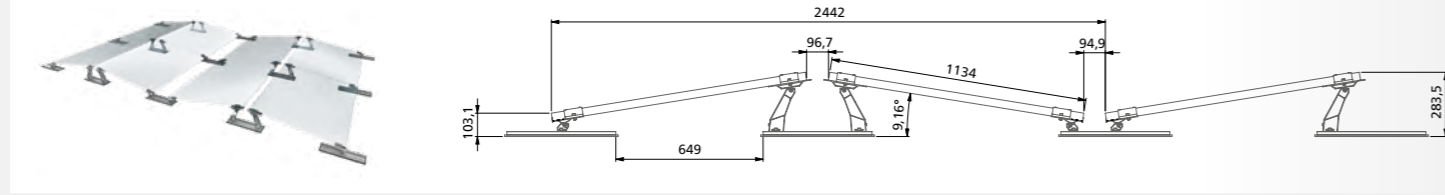
One system - many possibilities

Simply fast on the roof: The TRI-FLAT Easyspeed flat roof system in many variants.

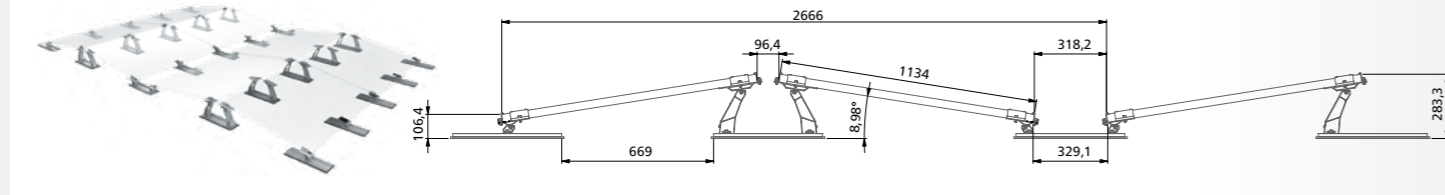
■ East/west, clamping on short module side with long distance



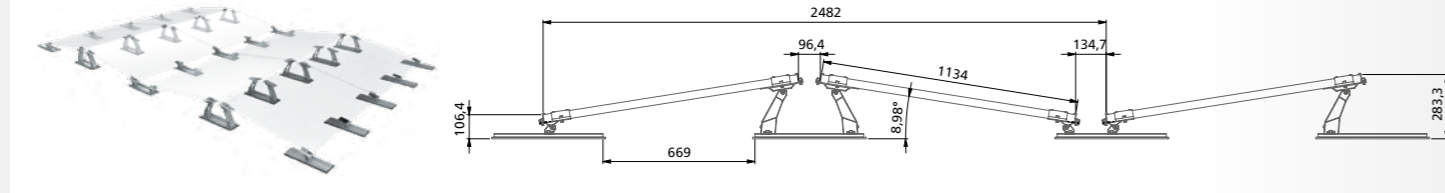
■ East/west, clamping on short module side with short distance



■ Alpine East/West, clamping on short as well as long side of the module with long distance



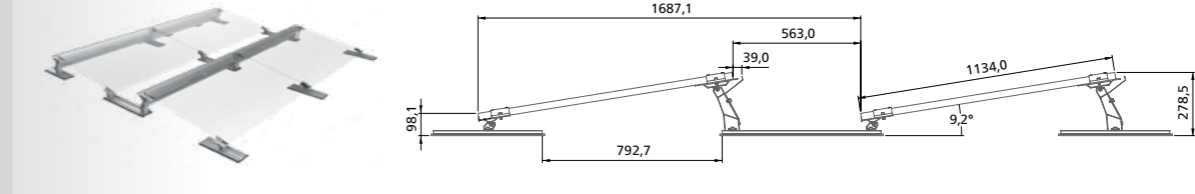
■ Alpine East/West, clamping on short as well as long side of the module with short distance



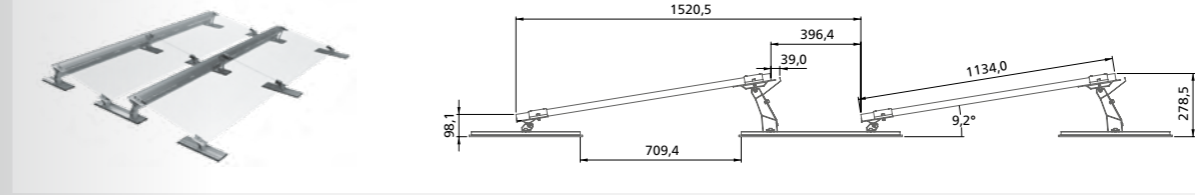
Ballast variant ballast brace



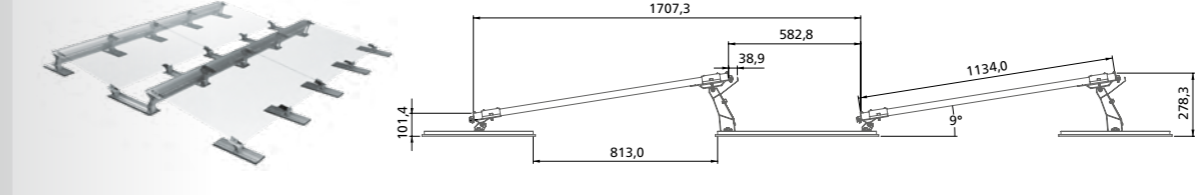
■ South, 18° angle for shading clearance, modules are clamped on the short side



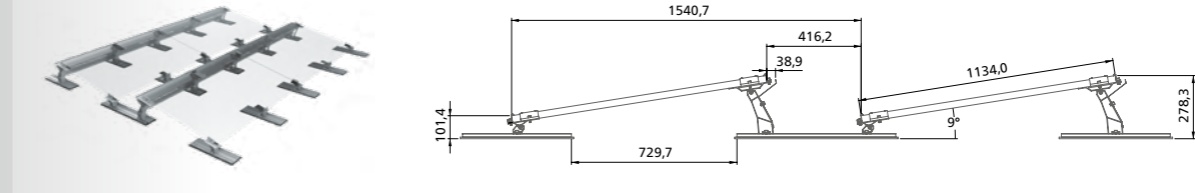
■ South, 25° angle for shading clearance, modules are clamped on the short side



■ Alpine South, 18° angle for shading clearance, clamping on short as well as long side of the module



■ Alpine South, 25° angle for shading clearance, clamping on short as well as long side of the module



Ballast variant ballast tray



LEARN MORE

General information

TRITEC

Use:	Flat roofs: foil, bitumen and gravel roofs
Roof pitch:	Up to 5° depending on roof conditions without roof connection
Max building height:	25 metres
Orientation:	East/west and south facing
System inclination:	Approx. 10°
Modules:	Framed modules
Module sizes:	Width: 950 - 1200 mm x Length: 1650 - 2300 mm
Module orientation:	Horizontal
Max. module field size:	21 x 21 metres
Distance from roof edge:	Roof zones F and G can be occupied in accordance with EN 1991-1-4 (minimum edge distance 600 mm)
Wind load:	Up to 2,4 kN/m ²
Snow load:	Up to 5,4 kN/m ²
Proof of stability:	Software-assisted on the basis of wind tunnel investigations
Properties and condition of roof:	On-site checks must be carried out by the contractor to ensure that the roof construction and the building's supporting structure offer the necessary static load-bearing capacity and that the compressive strength of the thermal insulation is sufficient.
Materials:	Aluminium EN AW 6063/6005; sheet steel with an aluminium-zinc coating; small parts made from A2-70 stainless steel; building protection mat made from non-woven polyester
Screw mounting:	M8 (A2-70)
Torque:	15 Nm

The optimal mounting solution for every roof

TRITEC mounting systems combine over 30 years of photovoltaic experience. Our own products TRI-STAND, TRI-ROOF+, TRI-CLIP and TRI-FLAT Easyspeed offer optimum PV mounting solutions for the various requirements of different roof types and alignments. We attach great importance to the high-quality processing of the components as well as to the durability of the substructure.

Further information and the download of the assembly instructions you will find on our homepage www.tritec-energy.com.

Or just talk to us directly. Our experts are at your disposal to answer all your questions.



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