RBI Roof Tilted

The tilted system is a modified version of the versatile system, which aims to optimize PV module performance on flat roof systems. Tilt legs are added to the base of the rails to angle the modules towards the sun, increasing their productivity. Two design options of single and double rails are available for use, based on the direction of the ribs of the roof.

Peak Performance

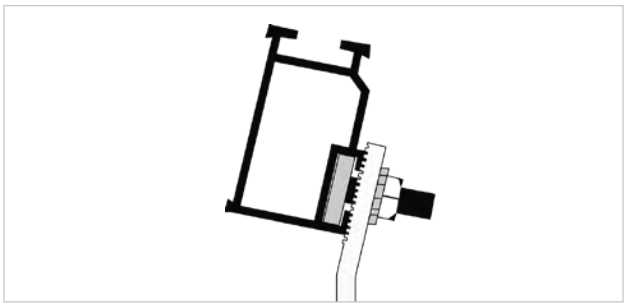
- Tilt legs come in 5 or 10 degree tilt options to increase performance gains.
- Various tilt leg attachments are available for roof types of all types, which are either flat or have low slope.
- Posts and anchor rods are preassembled in ballasts for quicker on-site installation.
- Open access to the backside of PV modules allows for more airflow, reducing overheating.

Tilt Legs

Rail Attachment

Built for Longevity

- Pre-assembled tilt legs make for an easy adaptation on the versatile system.
- Integrated bonding splice connectors and clamps are UL 2703 listed.
- An anti-seize and torque retention coating is applied to connection hardware, that requires only one tool to install.
- Tilting modules makes future O&M access easier and wire management installation less complicated.



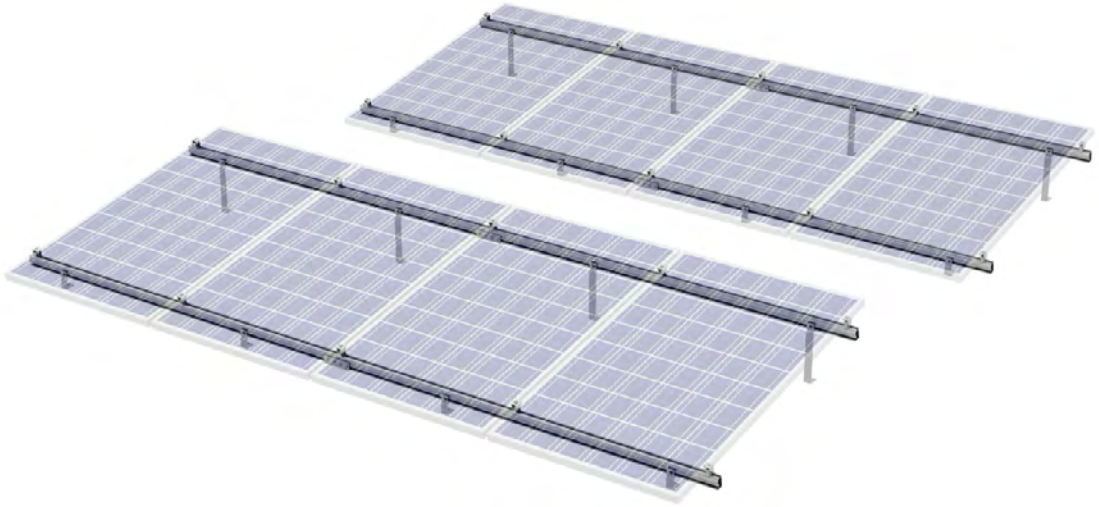
Profile Attachment View
*Custom tilt options available after engineering review.

Specifications

Material	6000 series aluminum
Tilt Options	5 or 10 degrees
PE Stamps	ASCE 7-05 and 7-10
Clamps	Multiple options between 30-50 mm thick
Roof Types	Standing seam, trapezoidal, corrugated, membrane, asphalt shingle, and tile
Listing	UL 2703 for bonding & grounding
Fire Compliance	UL 1703 Class A for Type 1, 2, and 3 PV modules
Warranty	10 years

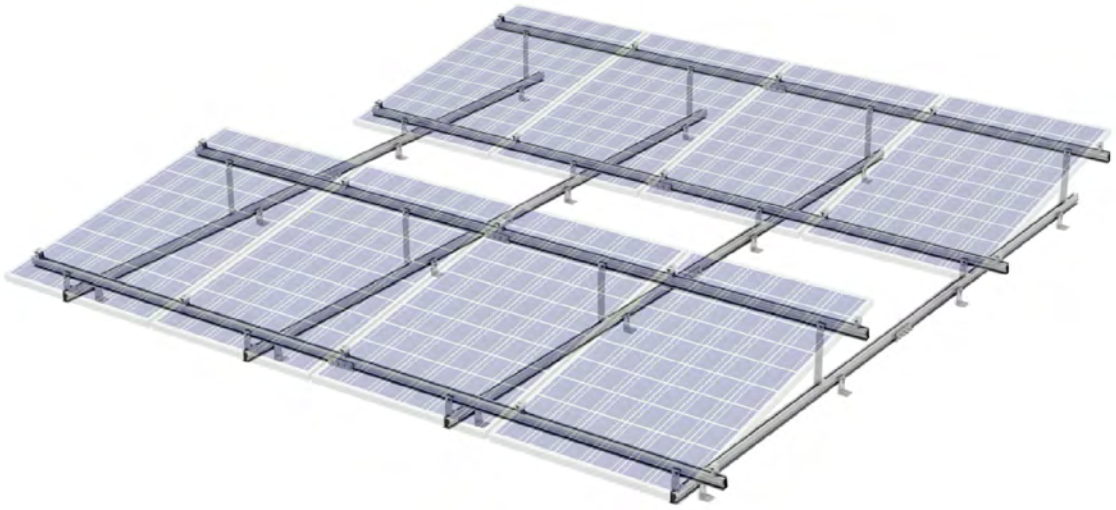
* Other options available upon request. Please note dimensions and weight may vary for any custom solutions. Contact us for details.

Single Rail Applications



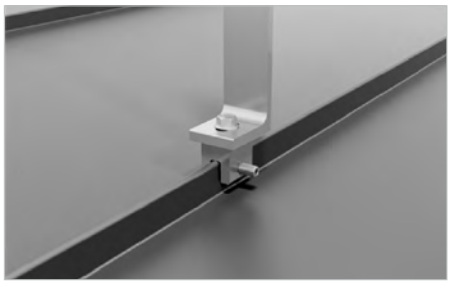
One-piece tilt legs come pre-assembled and attach directly to roof attachments.

Double Rail Applications

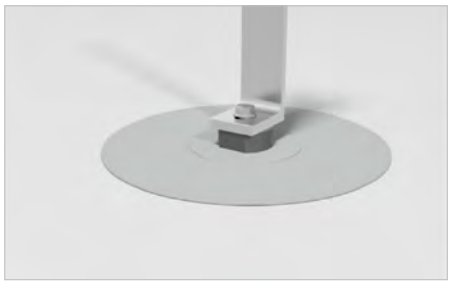


Certain roofing compositions will require that a double-rail assembly be used to apply the proper angle toward the sun.
In this scenario, a second rail is placed under the tilt legs perpendicular to the main rails.

Tilt Leg Attachment Methods



Standing Seam Attachment



Membrane Attachment

Rail Attachment