



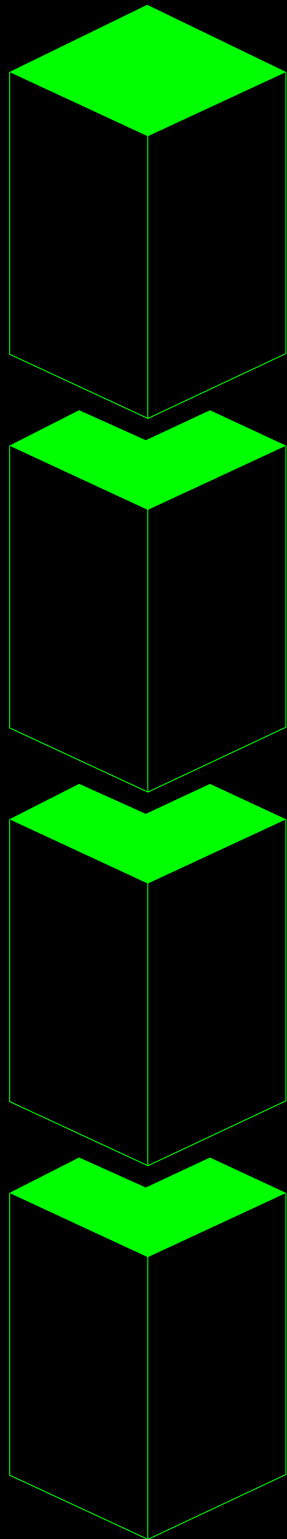
PMT

PREMIUM
MOUNTING
TECHNOLOGIES

PRODUCT OVERVIEW

PV MOUNTING SYSTEMS 0° - 30°

The four pillars of our philosophy



+ Innovation

- Think-outside-the-box technology transfer for the development
- Feedback optimisation processes by the installation team
- User-oriented product enhancement and new product development

+ Speed

- Easy, tool-free assembly thanks to innovative click technology
- Easy-to-handle components for simple, fast installation
- Only one tool required for middle/end clamp, back wall and crossbar

+ Quality

- Regular external material and process supervision
- Process of continual improvement (PDCA)
- Certification in accordance with latest version of DIN EN ISO 9001:2015

+ Safety

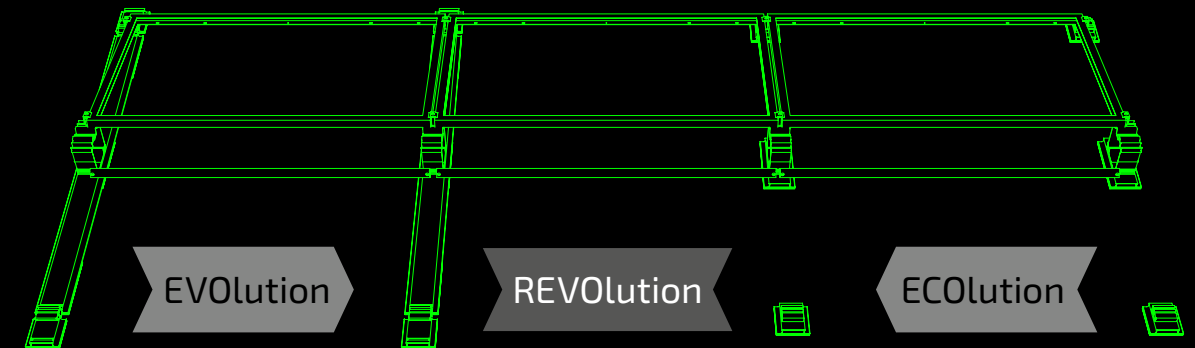
- Real large model inspections to establish system limits
- Destructive and non-destructive testing of components under lab conditions
- Boundary layer wind tunnel testing with test certificate issued by IFI Aachen

Why use PMT?

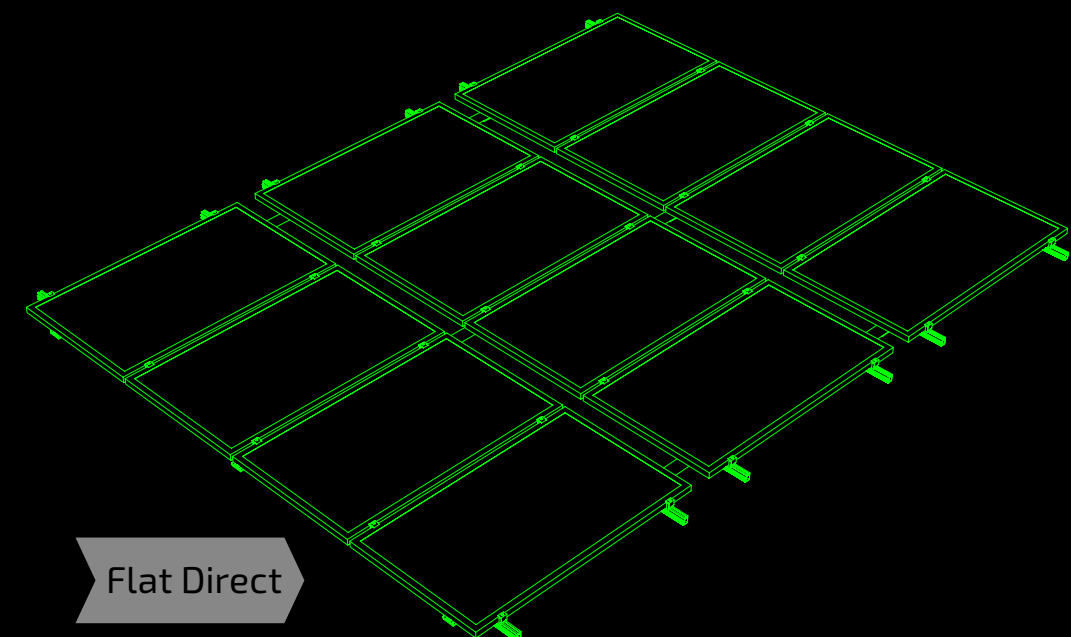
Thanks to our philosophy, we can offer you ten years insurance and a ten-year guarantee.



Mounting systems for flat roofs 0° - 5°

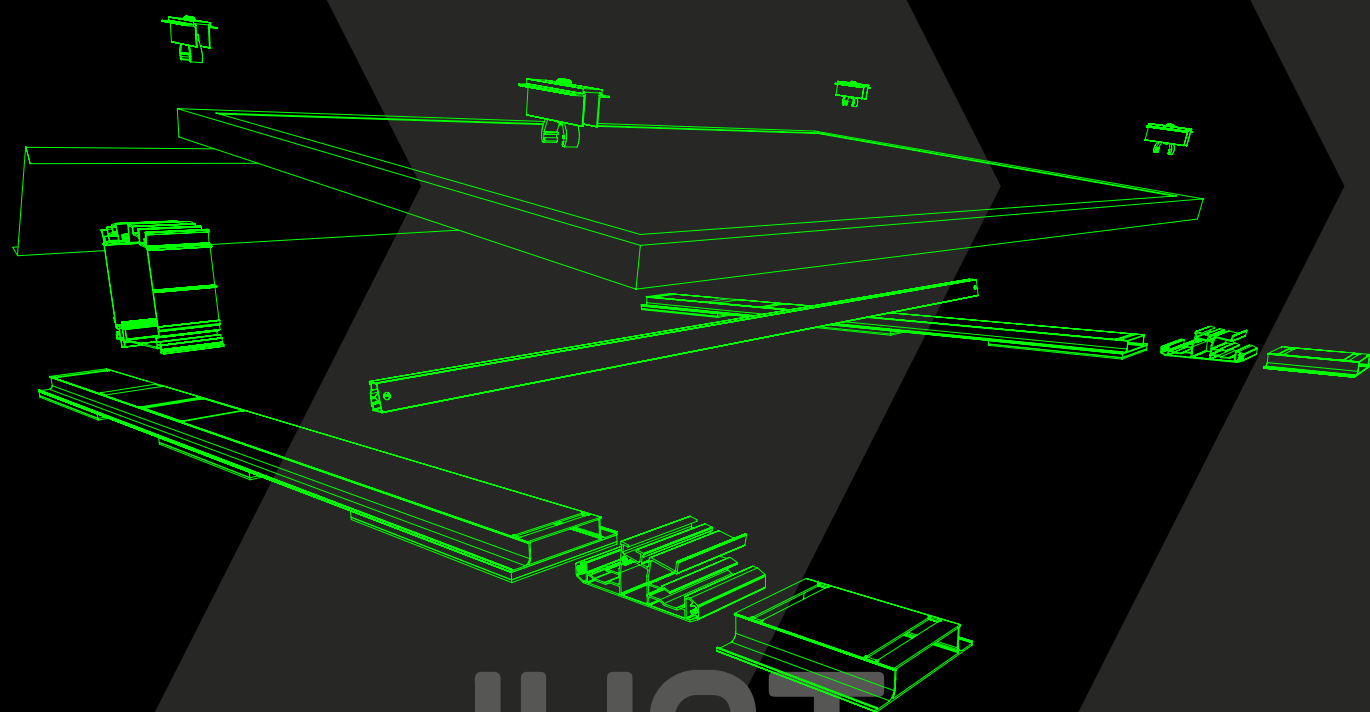


Mounting system for pitched roofs 0° - 30°

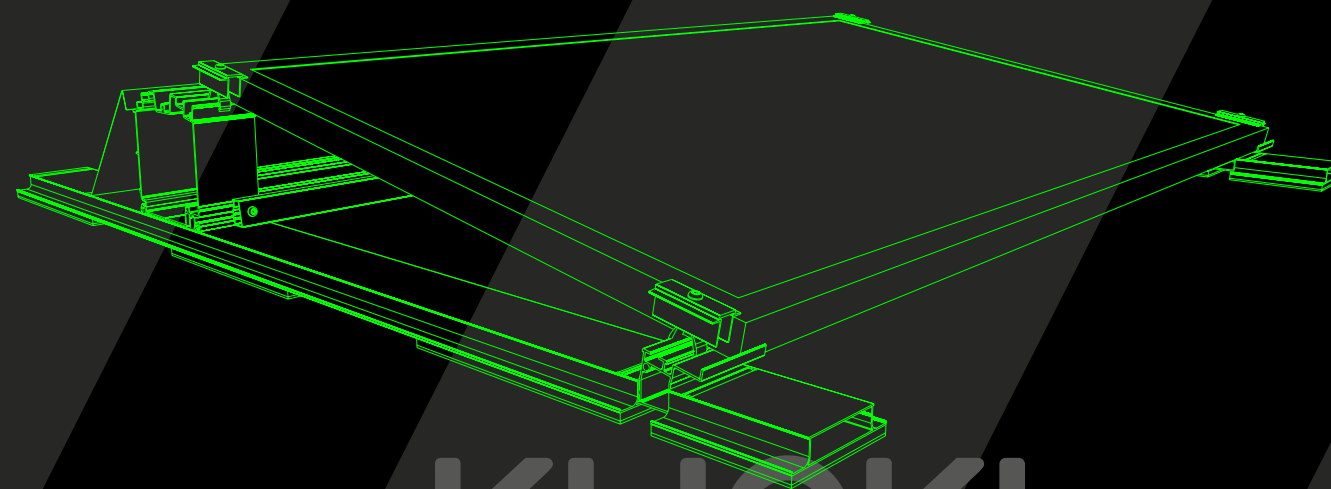
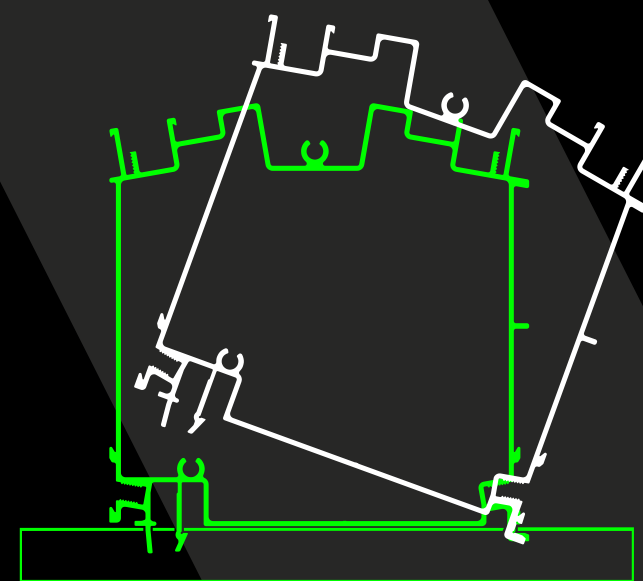


THE INFALLIBLE

Fast, easy-to-use and secure, PMT's innovative click technology ensures the right-first-time assembly of your PV flat roof mounting system.



JUST...

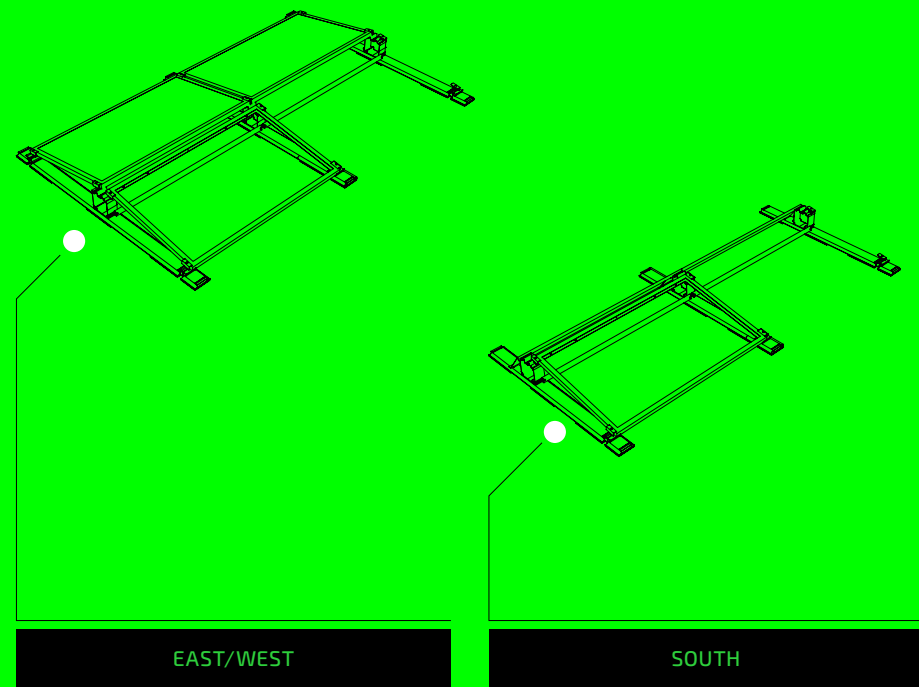


...KLICK!

0-5°

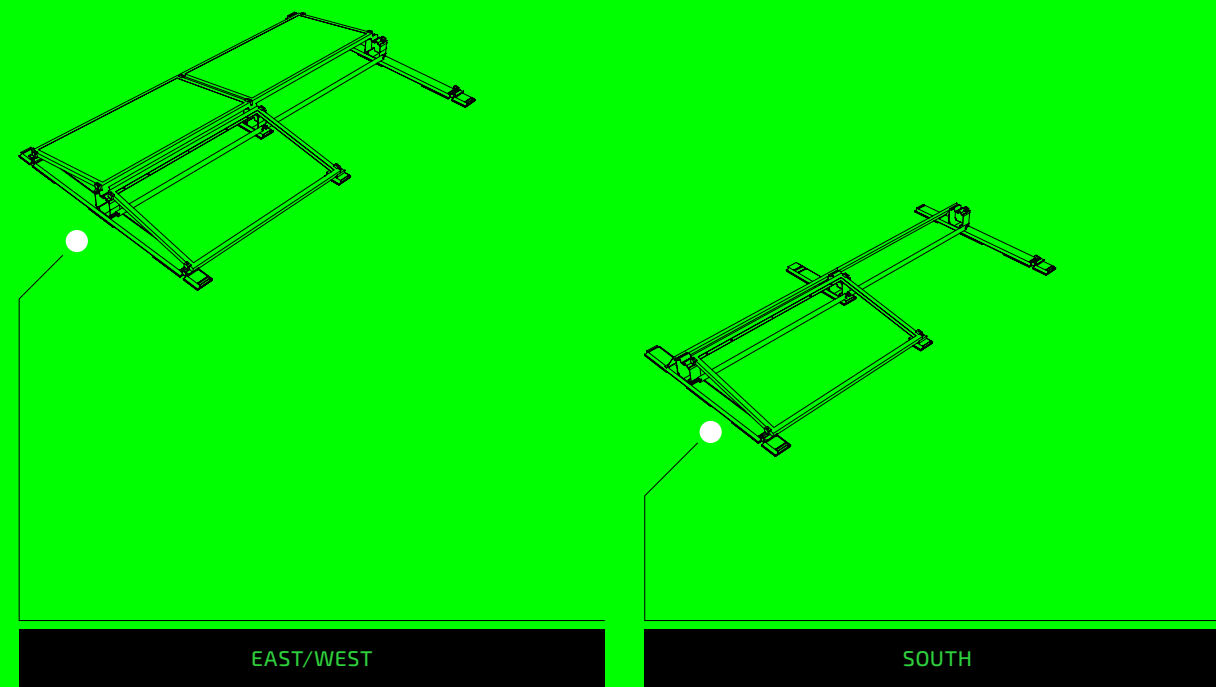
0-30°

EVOLUTION



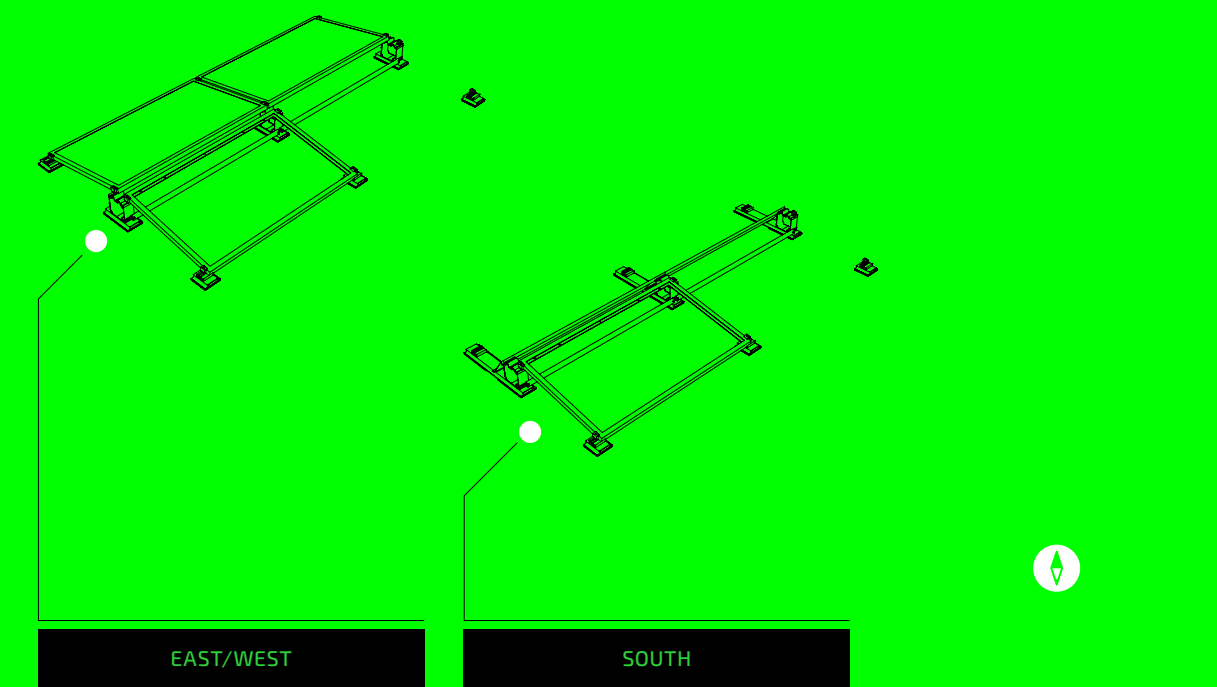
	EAST/WEST	SOUTH
Assembly time	★★★★★	
Surface area width	150 mm	
Surface area Ø (cm²)	787/lfm	597/lfm
High-tech protective mat	11 mm	
Load transfer	Via ground profile	
Mid and end clamp	Clamp length 80 mm	
Stability	★★★★★	
Ballast pan	✓	
Integrated cable ducting	✓	
4 in 1 crossbar	✓	
Shipping-optimised	1640 kWp/40 T	1020 kWp/40 T

REVOLUTION



	EAST/WEST	SOUTH
Assembly time	★★★★☆	
Surface area width	150 mm	
Surface area Ø (cm²)	610/lfm	464/lfm
High-tech protective mat	11 mm	
Load transfer	Via module frame and ground profile	
Mid and end clamp	Clamp length 40 mm	
Stability	★★★★☆	
Ballast pan	✗	
Integrated cable ducting	✓	
4 in 1 crossbar	✓	
Shipping-optimised	2360 kWp/40 T	1530 kWp/40 T

ECOLUTION



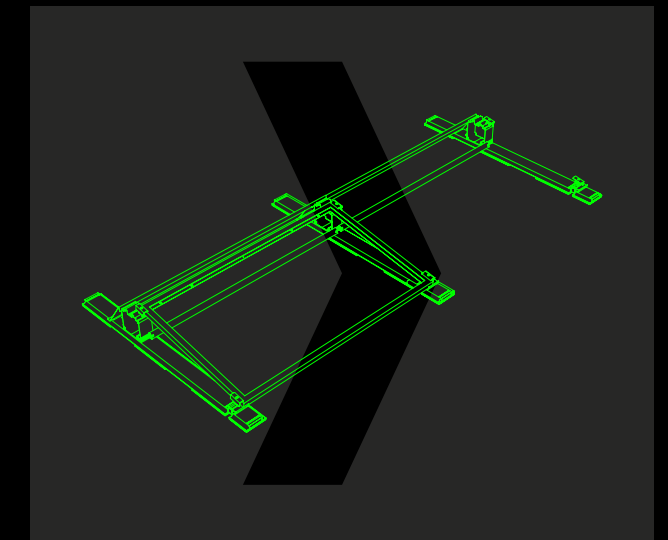
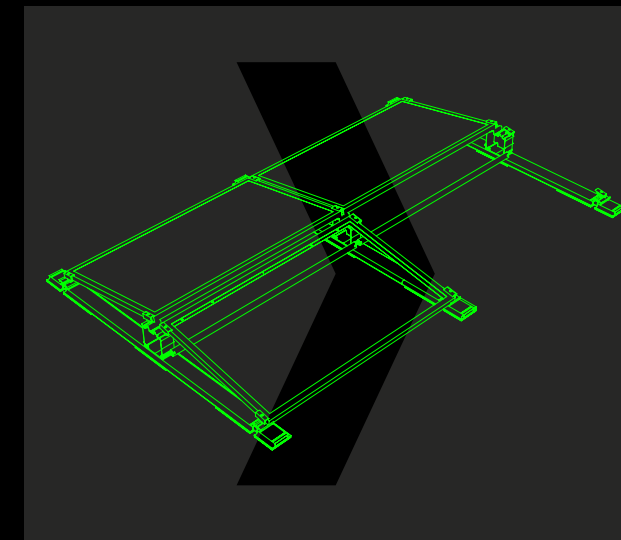
	EAST/WEST	SOUTH
Fitting time	★★★★☆	
Surface area width	150 mm	
Surface area Ø (cm²)	434/lfm	330/lfm
High-tech protective mat	8 mm	
Load transfer	Via module frame	
Mid and end clamp	Clamp length 40 mm	
Stability	★★★★☆	
Ballast pan	✗	
Integrated cable ducting	✗	
4 in 1 crossbar	✓	
Designed for easy despatch	3080 kWp/40 T	2040 kWp/40 T

PMT EVOLUTION

The no-compromise flat roof fitting system for large photovoltaic installations.








EAST/WEST




SOUTH



10
year
insurance coverage

10
year
guarantee

	Angle of inclination	10°/15°	
	Roof Covering	Foil, bitumen, gravel, grass, lead, concrete, open area	
	Small number of components	Only 4 component parts per system	Only 5 component parts per system
	System Weight (Surface Weight)	2,50 kg/m ² (10°), 2,75 kg/m ² (15°)	4,25 kg/m ² (10°), 4,50 kg/m ² (15°)
	Material	Aluminium EN-AW-6063-T3 and stainless steel A2-70	
	AntiWater technology	No frost damage, as standing water cannot accumulate anywhere in the system	
	4 in 1 crossbar	Maximisation of the system stability No shifting while doing other work such as pulling cables and laying modules Fixed cable runs also in lateral direction Basis for optimal ballasting	

-  Interactive 3D system view
www.pmt.solutions/en/products
-  Detailed videos on the system
www.pmt.solutions/en/fit-for-efficiency
-  Data sheets and assembly instructions on the system
www.pmt.solutions/en/service-center/downloads

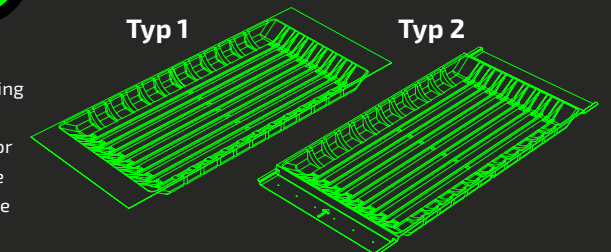
PMT ballast pans

PMT ballast pans have been developed for the optimal system ballasting of PV flat-roof installations on gravel or green roofs, and not just with low load reserves. The PMT ballast pan Type 1 is positioned on gravel or green roofs and filled with the bulk material used on the roof. The Type 2 model is installed directly on the roof cladding in conjunction with the EVOLution system and then covered with gravel or grass.



Typ 1

Typ 2

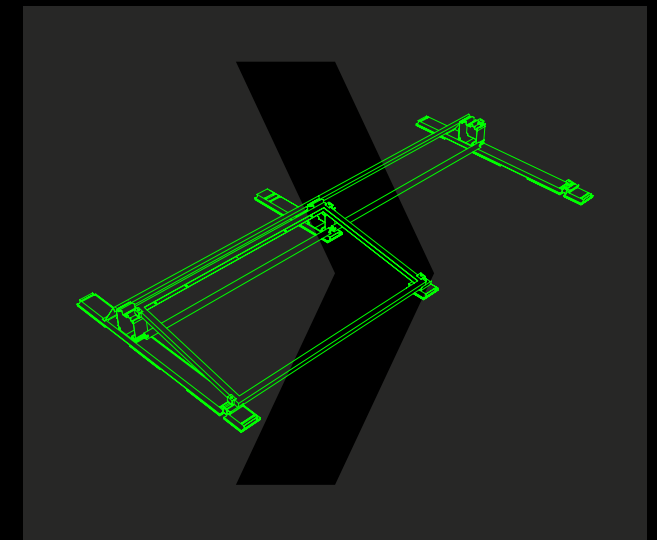
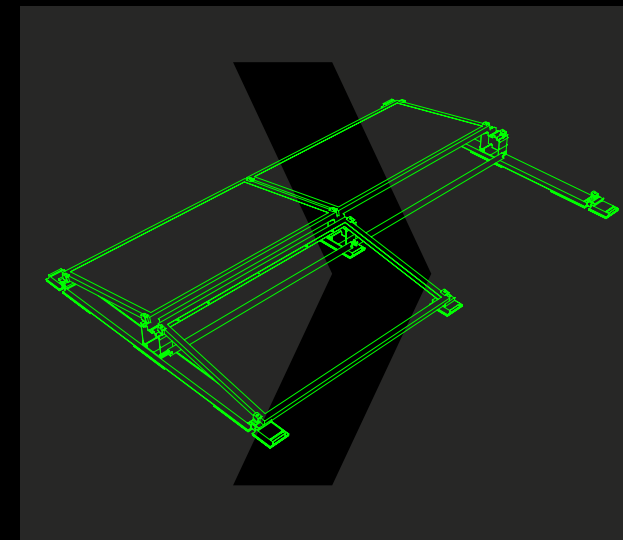


PMT REVOLUTION

The best of both worlds: EVO + ECO = REVO.
Economical use of materials together with
maximum system and safety performance.








EAST/WEST


SOUTH




10
year
insurance coverage

10
year
guarantee

 Angle of inclination	10°/15°	
 Roof Covering	Foil, bitumen, concrete, open area (gravel, grass)	
 Small number of components	Only 4 component parts per system	Only 5 component parts per system
 System Weight (Surface Weight)	1,88 kg/m ² (10°), 2,13 kg/m ² (15°)	3,63 kg/m ² (10°), 3,89 kg/m ² (15°)
 Material	Aluminium EN-AW-6063-T3 and stainless steel A2-70	
 AntiWater technology	No frost damage, as standing water cannot accumulate anywhere in the system	
 4 in 1 crossbar	Maximisation of the system stability No shifting while doing other work such as pulling cables and laying modules Fixed cable runs also in lateral direction Basis for optimal ballasting	

 Interactive 3D system view
www.pmt.solutions/en/products

 Detailed videos on the system
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 Data sheets and assembly instructions on the system
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10

0-5°

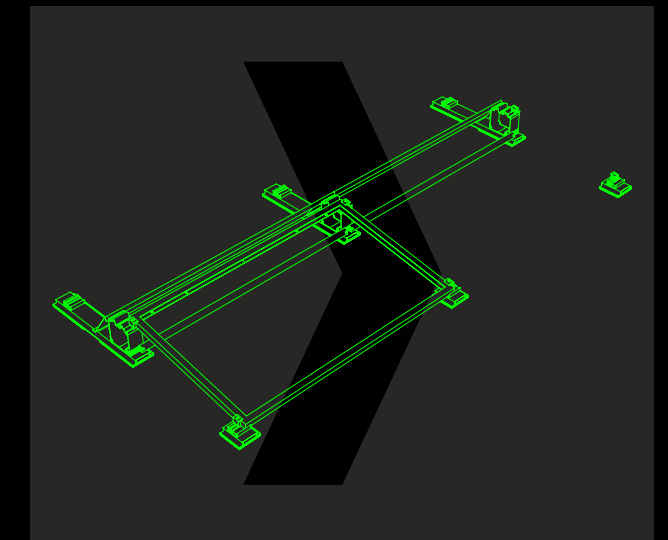
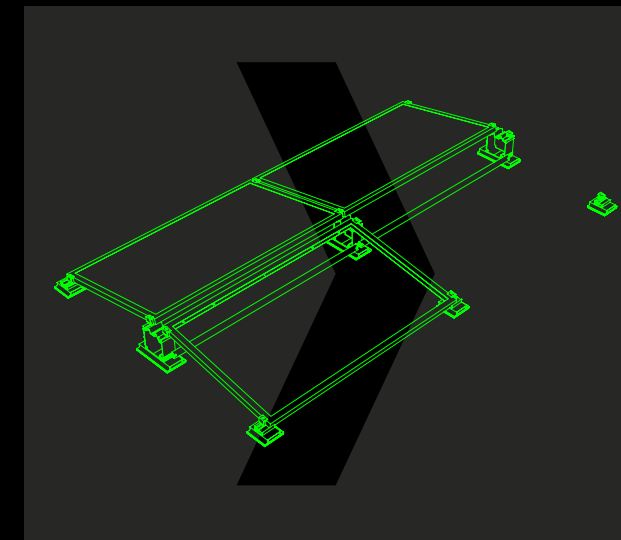
0-30°

PMT ECOLUTION

Low-cost can be high value!
The quality offensive against cheap flat roof systems.








EAST/WEST


SOUTH





10
year
insurance coverage

10
year
guarantee

	Angle of inclination	10°/15°	
	Roof Covering	Foil, bitumen, concrete, open area	
	Small number of components	Only 4 component parts per system	Only 5 component parts per system
	System Weight (Surface Weight)	1,25 kg/m ² (10°), 1,5 kg/m ² (15°)	3,0 kg/m ² (10°), 3,25 kg/m ² (15°)
	Material	Aluminium EN-AW-6063-T3 and stainless steel A2-70	
	AntiWater technology	Unhindered roof drainage according to DIN 1986-100	
	4 in 1 crossbar	Maximisation of the system stability No shifting while doing other work such as pulling cables and laying modules Fixed cable runs also in lateral direction Basis for optimal ballasting	

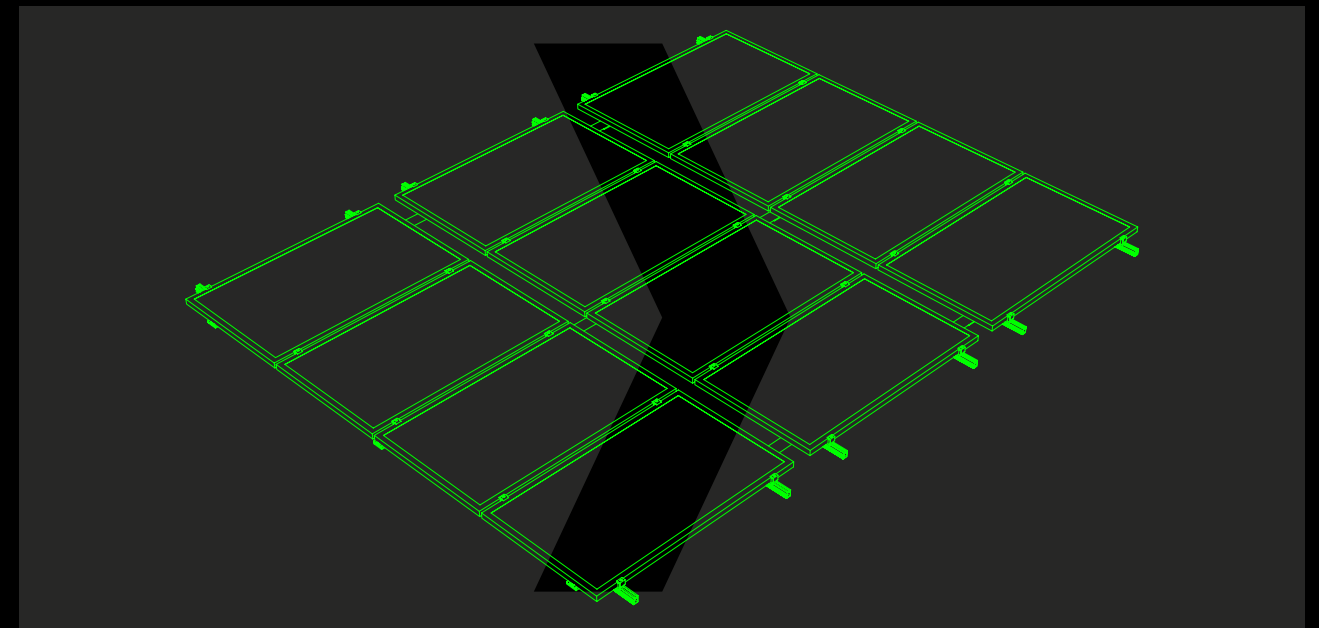
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PMT FLAT DIRECT


The solution for non-roof-penetrating installations.
We make the impossible possible.




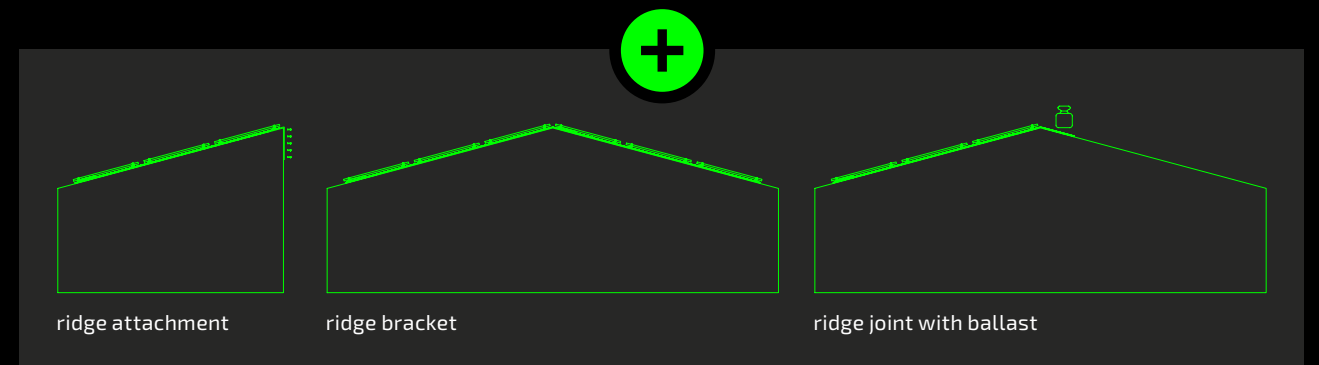
10
year
insurance coverage

10
year
guarantee

	Roof attachment	No roof penetration required
	Roof types	Saddle, pent, shed and butterfly
	Roof Pitch	0°- 30°
	Roof covering	Foil, bitumen, concrete, gravel, grass
	High-tech protective mat	The system includes an 11mm thick, bitumen-free, high-tech PVC mat providing maximum protection from plasticizer migration and roof membrane damage.
	Integrated cable ducting	Cable ducting and housing included in the system price. Cables can also be laid after system installation without incurring additional costs.
	Material	Aluminium EN-AW-6063-T3 and stainless steel A2-70

 Interactive 3D system view
www.pmt.solutions/en/products

 Data sheets and assembly instructions on the system
www.pmt.solutions/en/service-center/downloads





The assembly instructions must be observed during assembly. This manual can be found under www.pmt.solutions/en/service-center/downloads or directly scan the QR code with your smart phone.
(Requirements: Your mobile device must be equipped with an appropriate app)



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