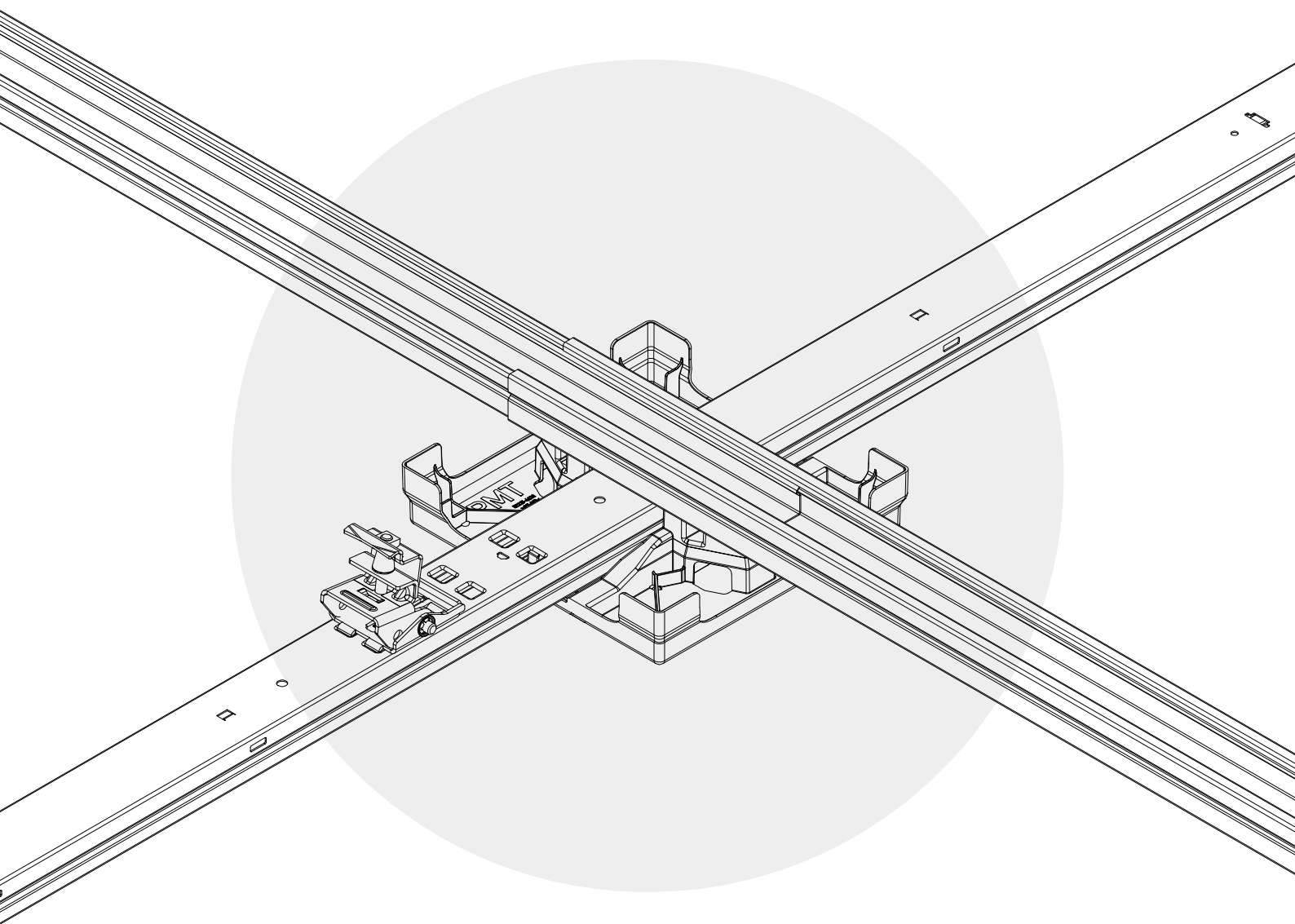


PMT X118

PRODUCT DATASHEET



PROTECTION WITHOUT LIMITS.

PMT X118 - the future of PV mounting systems.

Experience our innovative protective plates for improved load distribution and the first-class cross-connection, which offer you unrivalled stability and safety in all weathers.

PMT X118 PRODUCT DATASHEET

PRODUCT BENEFITS

1 system – 2 clamping types	Edge clamping, quarter point clamping
Installation time	Fast assembly due to components with a high degree of preassembly
Easy assembly	User-friendly assembly with only one tool due to intuitive Push & Click technology
Easy handling	Particularly easy handling of large modules due to swivelling module mounting Less assembly effort
Easy maintenance	Easy assembly and disassembly of the modules System can be dismantled
Safe mounting	Mounting without leaning on the module / no micro-cracks
EasyPlates	Large contact surface with little material EasyPlates are included in the guarantee No plasticiser migration = protection of the roof membrane
Low number of components	Higher material availability with simplified logistics
Roof load	No point load, but flat load Better load distribution due to large activation surface, approx. 400 cm² per EasyPlate
Planning	Optimised use of space due to simplified recessing of interfering objects on the roof
Module fields	Large module fields (30 x 30 m) possible
Production	Made in EU / Germany

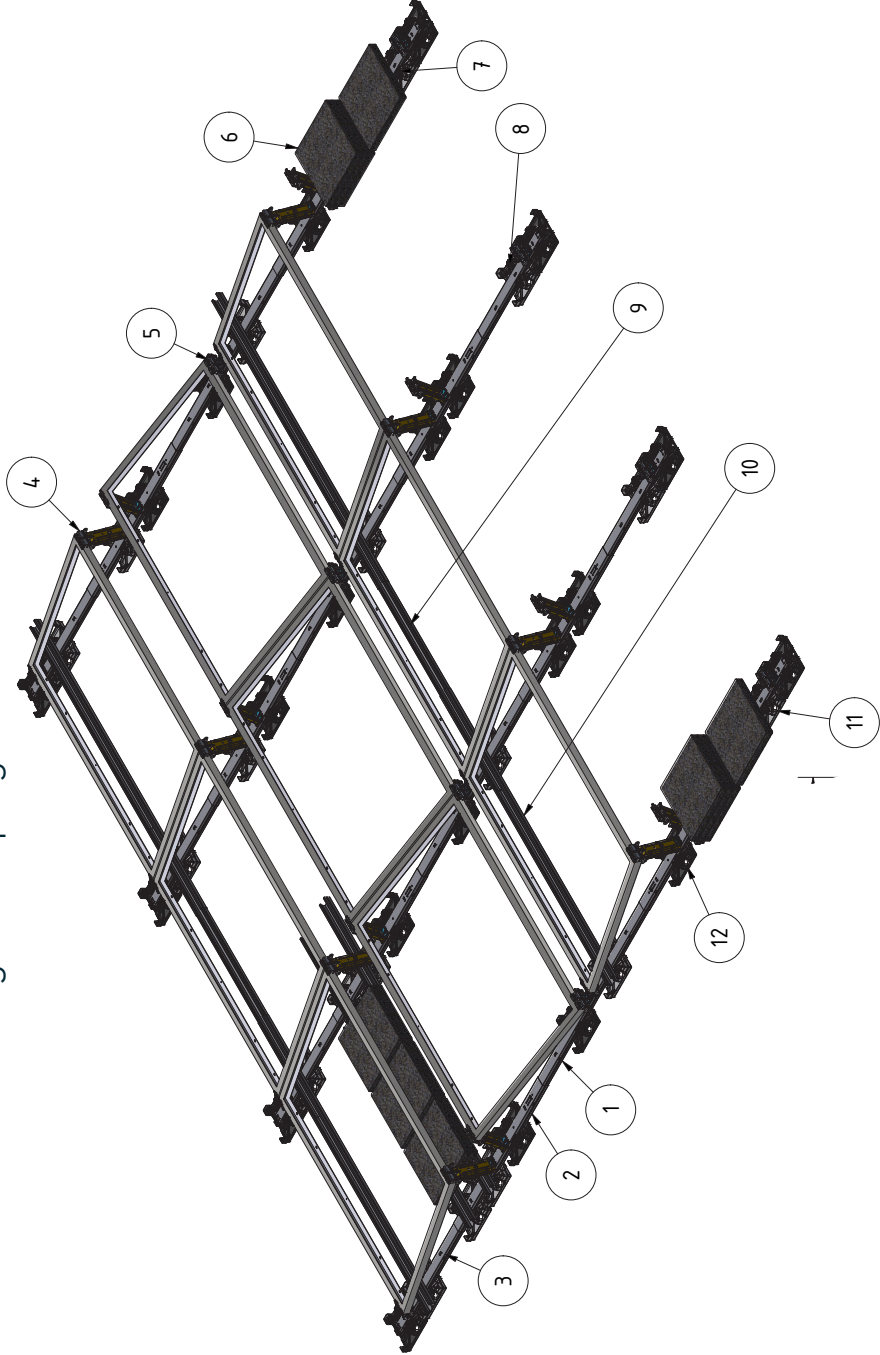
TECHNICAL DATA

Application type	Flat roof up to 10°
Roof inclination	10°
Orientation	East-West
Roof covering	Foil (EPDM, PVC, TPO/FPO), bitumen, concrete
Standard spacing	2384 mm / 2504 mm / 2629 mm / 2749 mm
Weight	System surface load incl. module without ballast from 12.5 kg/m²
EasyPlates	Protective Plate of PE-HD + GF20 No plasticizer migration
Material	Sheet steel S350GD / S550GD, Coating ZM310 PE-HD + GF20
PV module suitability	All common module sizes Edge clamping Length = 1.600 – 2.000 mm, Width = 990 – 1.230 mm Height = 30 – 40 mm Quarter point clamping Length = 1.600 – 2.500 mm, Width = 990 – 1.230 mm Height = 30 – 40 mm

Errors & omissions excepted, last update: 01/05/2024

TECHNICAL DATASHEET

PMT X118 EW 10° Edge clamping



COMPONENT LIST

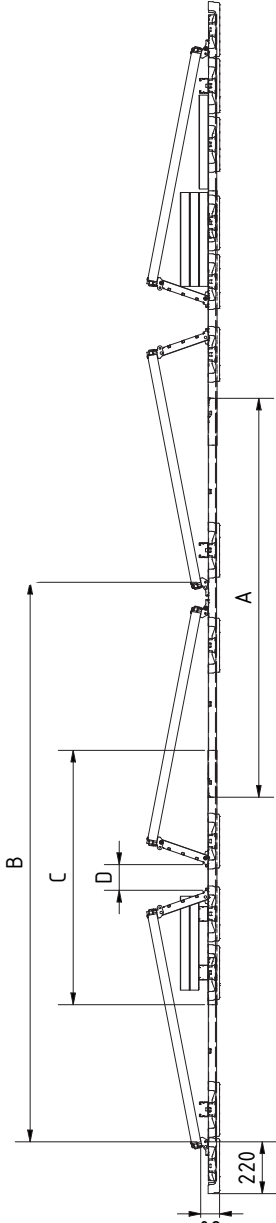
No.	Component
1	Swift Rail
2	Swift Connector
3	Swift Rail Short
4	Summit Double
5	Pivot Double
6	Ballast stone
7	Washer DIN 9021 8,4
8	Cylinder head screw ISO 4762 M8x 25
9	Row Link Edge
10	Row Connector Edge
11	EasyPlate Connection
12	EasyPlate Support

ROW SPACING STANDARD

Module width	Dimension A	Dimension B	Dimension C	Dimension D
(from - to)	Length Swift Rail	Row spacing	Length Swift Connector	Wide Service aisle
990 - 1050 mm	1700mm (Swift Rail 1700)	2384	1084mm (Swift Connector 1084)	112
1051 - 1110 mm	1820mm (Swift Rail 1820)	2504	1084mm (Swift Connector 1084)	112
1111 - 1170 mm	1945mm (Swift Rail 1945)	2629	1084mm (Swift Connector 1084)	112
1171 - 1230 mm	2065mm (Swift Rail 2065)	2749	1084mm (Swift Connector 1084)	112

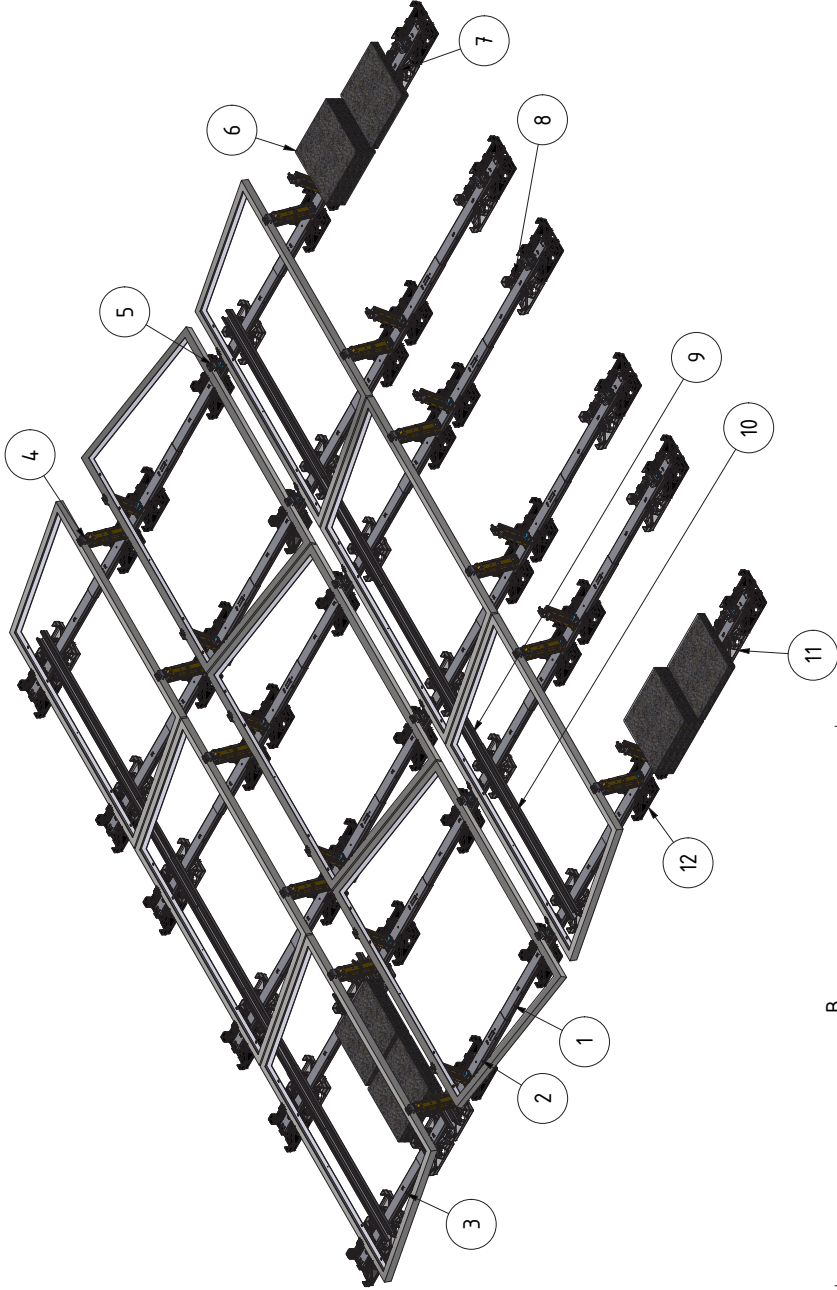
ROW SPACING COMFORT

Module width	Dimension A	Dimension B	Dimension C	Dimension D
(from - to)	Length Swift Rail	Row spacing	Length Swift Connector	Wide Service aisle
990 - 1050 mm	1700mm (Swift Rail 1700)	2484	1184mm (Swift Connector 1184)	212
1051 - 1110 mm	1820mm (Swift Rail 1820)	2604	1184mm (Swift Connector 1184)	212
1111 - 1170 mm	1945mm (Swift Rail 1945)	2729	1184mm (Swift Connector 1184)	212
1171 - 1230 mm	2065mm (Swift Rail 2065)	2849	1184mm (Swift Connector 1184)	212



TECHNICAL DATASHEET

PMT X118 EW 10° Quarter point clamping



COMPONENT LIST

No.	Component
1	Swift Rail
2	Swift Connector
3	Swift Rail Short
4	Summit Single
5	Pivot Single
6	Ballast stone
7	Washer DIN 9021 8,4
8	Cylinder head screw ISO 4762 M8x25
9	Row Link
10	Row Connector
11	EasyPlate Connection
12	EasyPlate Support

ROW SPACING STANDARD

Module width	Dimension A	Dimension B	Dimension C	Dimension D
(from - to)	Length Swift Rail	Row spacing	Length Swift Connector	Wide Service aisle
990 - 1050 mm	1700mm (Swift Rail 1700)	2384	1084mm (Swift Connector 1084)	112
1051 - 1110 mm	1820mm (Swift Rail 1820)	2504	1084mm (Swift Connector 1084)	112
1111 - 1170 mm	1945mm (Swift Rail 1945)	2629	1084mm (Swift Connector 1084)	112
1171 - 1230 mm	2065mm (Swift Rail 2065)	2749	1084mm (Swift Connector 1084)	112

ROW SPACING COMFORT

Module width	Dimension A	Dimension B	Dimension C	Dimension D
(from - to)	Length Swift Rail	Row spacing	Length Swift Connector	Wide Service aisle
990 - 1050 mm	1700mm (Swift Rail 1700)	2484	1184mm (Swift Connector 1184)	212
1051 - 1110 mm	1820mm (Swift Rail 1820)	2604	1184mm (Swift Connector 1184)	212
1111 - 1170 mm	1945mm (Swift Rail 1945)	2729	1184mm (Swift Connector 1184)	212
1171 - 1230 mm	2065mm (Swift Rail 2065)	2849	1184mm (Swift Connector 1184)	212

