

# AS182 - H2100 HELIOS Free Field

**H2100-182** system is the evolution of the successful AS180 with a stronger horizontal beam and gives the opportunity to the installer to place less poles (greater distance between poles).

**The advantages and the innovations of this mounting structure include:**

- Minimization of the installation time.
- One pile per mounting triangle
- Less time for the leveling since the installer has just to level according to East-West direction.
- Fewer screws.
- Certified according to Eurocodes with 20 years' warranty.
- Structural and static study for each project after closing the deal.
- Special system to prevent direct contact between steel and aluminum parts.



## Materials

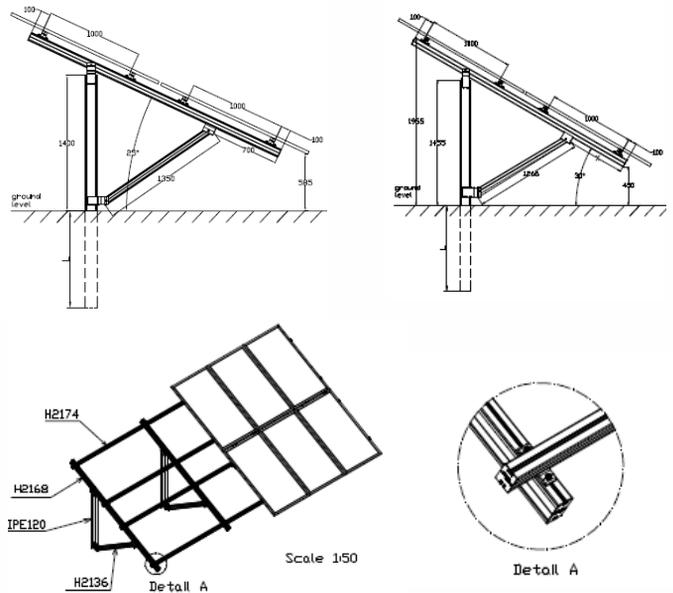
- Aluminum Alloy 6005T6
- Hot dip Galvanized pile IPE120
- Polyamide part to prevent direct contact between steel and aluminum parts
- Inox Screws

## General characteristics

- Series: H2100
- Type: AS182
- Application: Free field
- Alignment: Portrait
- Inclination: 25° – 30°
- Foundation: Pile ramming or pile combined with concrete
- Special characteristics: Pre assembled

## Certification

- TUV Certification H12/8171-A
- Static Analysis According Eurocodes 1,3,9
- ISO 9001 / ISO 14001
- Technical Manual
- Alumil 20 Year Guarantee



## PRODUCT ACCESSORIES

Triangle Codes		Aluminum Accessories		Galvanized Piles	
EX-8961823000	TRIANGLE-BASE OF AS182.30 SERIES	EX-8960260000	COMPRESSION PLATE SMALL 40mm	EX-8961224000	GALVANIZED PILE IPE120 LENGTH 3,0M
EX-8961822500	TRIANGLE-BASE OF AS182.25 SERIES	EX-8960750000	CORE FOR PROFIL H2174	EX-8961230000	GALVANIZED PILE IPE120 LENGTH 3,0M
	<b>Purling Codes*</b>	EX-8964825000	CORE FOR PROFIL H2185	EX-8961235000	GALVANIZED PILE IPE120 LENGTH 3,5M
EX-8960740300	PROFILE H2174 OF LENGTH 6200mm	EX-8960910000	CORE FOR H2190		<b>Bolts &amp; Nuts</b>
EX-8960740200	PROFILE H2174 OF LENGTH 4200mm	EX-8962307300	CONNECTOR FOR WINDSHIELD	EX-8968008103	T-SLOT NUT M8 ALUMINIUM
EX-8960740100	PROFILE H2174 OF LENGTH 2100mm	EX-8960180200	MID CLAMP	EX-762908XX01	HEX SOCKET SCREW ISO4762 M8x XX A2 INOX - depends on panel thickness
EX-8960850600	PROFILE H2185 LENGTH 6200mm	EX-8960660000	CAP OF PANEL CLAMP WITH 55mm LENGTH	EX-8968808201	HEXAGON NUT DIN6923 M8 WITH SERRATION M8 INOX
EX-8960850400	PROFILE H2185 LENGTH 4200mm	EX-8960XX0100	END CLAMP XX mm, L=55mm - depends on panel thickness	EX-7627300801	SERRATED LOCK WASHER DIN6798-A M8 A2 INOX
EX-8960850200	PROFILE H2185 LENGTH 2100mm	EX-WINDSHIELD AS182	WINDSHIELD H2309	EX-7626703201	DIN 7504-K SELF DRILLING SCREW 6,3x32 A2 INOX
EX-8960906000	PROFILE H2190 OF LENGTH 6200mm	EX-8960740040	END CUP FOR H2174 PROFILE-RAL1003 YELLOW	EX-7622802001	HEXAGON SCREW M8X20 DIN933 INOX A2
EX-8960904000	PROFILE H2190 OF LENGTH 4200mm	EX-8960850040	PLASTIC END CUP FOR H2185 PROFILE-YELLOW	EX-7628200901	SQUARE NUT DIN557 M8 A2 INOX
EX-8960902000	PROFILE H2190 OF LENGTH 2100mm	EX-8960900040	PLASTIC END CUP FOR H2190 PROFILE-YELLOW		

\*In large scale projects purlings can be produced in special lengths