



MECASCREW

MECASCREW

A UNIVERSAL SCREW
THAT ADAPTS TO ALL
TYPES OF STRUCTURES
AND TERRAINS





PRODUCTS & SERVICES

mecascrew was developed by **mecasolar**, a company with extensive experience and advanced know-how in solar trackers and fixed structures that has delivered and installed more than 400 MW.

The development of **mecascrew** by **mecasolar** offers a solution that is different from conventional foundation systems.

mecascrew is a foundation system that can be used with all types of solar tracking systems and terrains. It does not use concrete footing and so it requires little installation work.

Manufactured in hot-dip galvanized steel under the ISO 1461 standard, this foundation screw ensures durability and robustness.



ISO 9001:2008



ISO 14001:2004



EXPERIENCE





COMPETITIVE ADVANTAGES

COMPATIBLE WITH ALL TYPES OF GROUND

This foundation screw can be used in most types of ground and with diverse relief features, thus avoiding land levelling.

CONCRETE-LESS FOUNDATION

The system does not require concrete footing, which reduces installation time.

LITTLE GROUND PREPARATION

As this foundation screw is not intrusive, little construction work is required.

COMPATIBLE WITH ALL TYPES OF FIXED STRUCTURES AND SOLAR TRACKING SYSTEMS

The tailor-made screw head makes the product versatile, to be used in a wide array of installations.

EASY TO REMOVE AND RECYCLE

The foundation screw from **mecasolar** can be easily removed and recycled, which reduces environmental impact as well as the costs for uninstalling the structure. Made of steel, it can be easily recycled.

FAST INSTALLATION

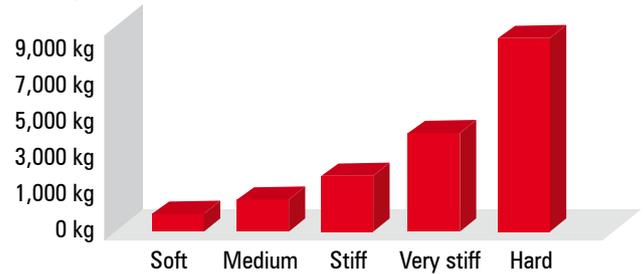
2 MW with one machine in one week, depending on the type of structure and terrain.

WARRANTY

mecasolar offers a 25-year anti-corrosion warranty for soils with pH 6 or above and ohmic resistance of 800 Ohm-cm.

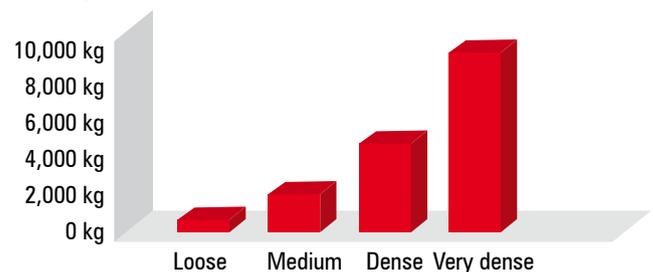
COHESIVE SOIL

Force required for removal (traction)



GRANULAR SOIL

Force required for removal (traction)



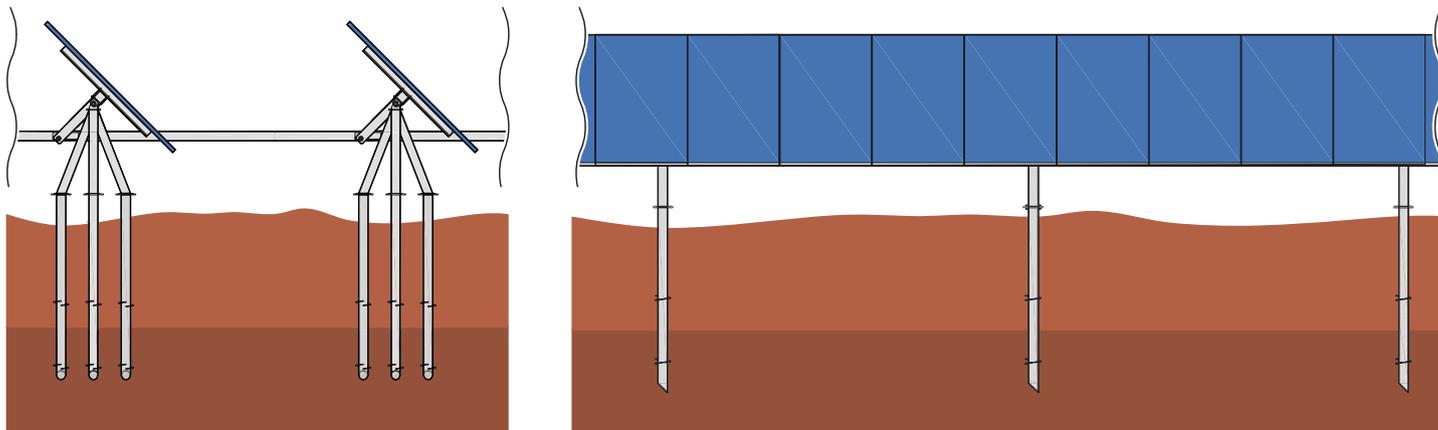
**PRODUCT TESTED BY
MECASOLAR IN DIFFERENT
TYPES OF TERRAIN**

TECHNICAL SPECIFICATIONS

Versatile	Adapts to all types of structures on the market, type of ground and relief.
Material	S275 steel.
Treatment	Manufactured in hot-dip galvanised steel (post-production coating) under the ISO 1461 standard.
Maximum removal load	8,800kg (it varies with type of terrain).

Fast installation	2 MW in one week, depending on the type of structure and land.
Head diameter	Head adapts to all types of structures.
Length	Range: 1,250 mm - 3,000 mm.
Warranty	25-year anti-corrosion warranty for soils with pH 6 or above and ohmic resistance of 800ohm-cm.

STRUCTURE CONFIGURATION



ISO 9001:2008



ISO 14001:2004



OHSAS 18001:2007



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