

The logo for MAGE SYSTEMTEC GROUND features a circular orange icon on the left containing a white stylized sun or solar panel symbol. To the right of the icon, the word "MAGE" is in a grey, sans-serif font, and "SYSTEMTEC GROUND" is in a bold, orange, sans-serif font below it.

### **The next generation mounting system for ground mount structures**

MAGE SYSTEMTEC Ground Mount is a universally adaptable, easy to use mounting system that reduces installation time over conventional systems. This system utilizes a proprietary bearing in conjunction with adjustable vertical posts to eliminate footing inconsistencies and problems. This significantly reduces the need for intensive site surveying and allows the racking to harmoniously follow the landscape. The module inclination is adjustable from 15 to 35 degrees.

Its innovative click-technology requires only a minimal amount of parts which drastically reduces the installation time. Extremely adjustable and priced very competitively, MAGE SYSTEMTEC makes no compromises when it comes to code compliance and the highest quality standards to ensure maximum service life. Ultimately, MAGE SYSTEMTEC will save you and your client time and money.



# MOUNTING SYSTEM

## MAGE SYSTEMTEC GROUND

### Universal Utilization

When assisting you in planning your photovoltaic projects, our engineers take into consideration all applicable codes and local regulations, design loads, applicable weather hazards and other regional data. When required, our engineers can provide structural design services for your specific project.

### Maximum Yield

By offering your clients quick and simple installation of customized solutions, they will reap the benefits of their system swiftly. This, in turn, increases the overall yield of the photovoltaic system for your client due to lower costs for the investment and accelerated pay off time.

### Easy Installation

For each solar system designed for you, we supply all of the necessary MAGE SYSTEMTEC components. On site, you will need our Sigma post which can be rammed into soil or cast into concrete footings to serve as the ground interface for the system. The best option for each site will be selected according to soil conditions. Height-adjustable module clamps and end clamps allow for maximum flexibility when mounting framed modules with a 30 mm to 50 mm frame thickness

### Long Lifetime

MAGE SYSTEMTEC is designed using the highest quality components — made of aluminum and stainless steel with a high corrosion resistance. With this, we are confident that our products deliver on their promise: a 10-year material warranty!

Technical Data	
Application	Ground mount
Load-bearing capacity	The mounting structure will be designed in accordance with the 2006 International Building Code including wind, snow and seismic loading.
PV module	Framed
Arrangement of modules	In rows or columns
Orientation of modules	Portrait (vertical) or landscape (horizontal)
Mounting angle	15 to 35 degrees in North-South direction
Slope of terrain	Maximum of 6 degrees in East-West direction
Design standards	MAGE SYSTEMTEC mounting systems and component parts are designed in accordance with the 2006 International Building Code.
Supporting structure	Extruded aluminum 6063-T6
Fasteners & small parts	Stainless steel
Foundation posts	Galvanized steel
Color	Aluminum
Warranty	10-year material warranty



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