

Intersolar 2009 North America
July 14-16, 2009
Moscone West, San Francisco

Booth 9659 (first floor): GRUPO CLAVIJO

SOLAR TRACKER WITH AZIMUTHAL BRAKE SYSTEM

Grupo Clavijo to present technological innovation at Intersolar 2009 with US partner MGK

GRUPO CLAVIJO will present the **most advanced double-axis solar tracker** on the market. The **exclusive and innovative patented-hydraulic brake system in the azimuth movement** makes these trackers stand out from competitors'. Miller Welding & Machine Company will manufacture and commercialize the trackers in the United States under an agreement with Grupo Clavijo.

Some of the innovations found in this state-of-the-art tracker include:

- an absolute encoder which enables **accuracy of +/- 0.5°**.
- a solid structure that **can withstand winds of up to 100 mph**.
- **secure**, internally-housed electrical, motor and hydraulic systems.
- **Independent programming** for manual or integrated online control.
- **astronomic solar tracking** which reads coordinates of each tracker.

Other **support services** available to assist with projects include:

- custom-made remote controls
- hydraulic protection system that ensures neutral position in power loss
- maintenance on trackers to ensure proper control and operation
- assembly of trackers at installation

GRUPO CLAVIJO

Established in 1960, one of Grupo Clavijo's most important areas is Renewable Energy, with more than 40 MW installed all across Europe. Grupo Clavijo is ISO 9001 certified and has the most advanced solar trackers on the market thanks to its permanent investment in RDI and exclusive services to its customers.

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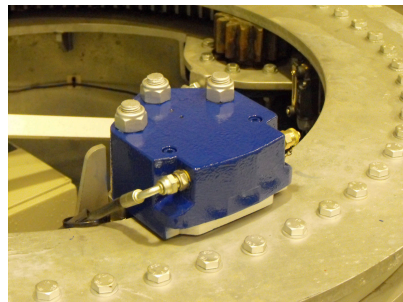
MGK SOLAR

MGK SOLAR is one of the Miller Welding family of companies. Since 1963, Miller Welding companies have evolved into an integrated partner for complete industrial manufacturing solutions throughout the United States. The three generations of family currently leading the Miller Welding companies continue to share the founder's passion for quality.

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**CLAVIJO'S DOUBLE
AXIS SOLAR TRACKER**



**CLAVIJO'S AZIMUTHAL
BRAKE SYSTEM**