



IYYM

EQUIPMENTS > PRODUCTS >> SOLUTIONS >>>



DRIVE SYSTEMS FOR SOLAR ENERGY PLANTS

The 'Gemaspolar' solar thermal plant in Spain relies on 5,300 resilient NORD drive systems to serve a host of heliostats tracking the sun: the turning and tilting these mirrors ensures that they reflect a maximum of sunlight onto a tower in the center of the project.

Torresol Energy Investments, S.A., a joint venture between SENER and MASDAR, Abu Dhabi's state-owned future energy enterprise.

The company focuses on the construction, operation, and maintenance of CSP plants ("concentrated Solar Power") as well as on further developing this solar thermal technology. Nord Drive Systems supplied 5300 robust geared motors. These Gear Motors are designed for reliable operation in rugged conditions, they allow for continual, precise adjustments of every mirror to track the path of the sun.

- » Continuous alignment for maximum light exposure.
- » Sturdy and robust in all weather conditions
- » Drive ensure high-precision sun tracking
- » NORDBLOC.1 Helical inline geared motors
- » Large bearing dimensions
- » Staggered bearing topology
- » Higher tolerance for transverse forces
- » Higher tolerance for axial forces
- » Very long lifespan for the bearing
- » Light weight and robust
- » Aluminum housing requires no paint finish



IYYM EPS FZE

FZS2AD10, POB: 261264, Jebel Ali Free Zone, Dubai, United Arab Emirates
Tel: +971 4 4599926 | +971 4 8807372 Fax: +971 4 8807374

POB: 26083, Abu Dhabi, United Arab Emirates,
Tel: +971-2-6594170 | E-mail: mail@iyy.com | www.iyy.com

