



Press release

on the occasion of the HMI 2009

For technical and trade press

Eisenbach, April, 17th 2009

Hall 25 - Booth F11

Framo products perform their tasks in photovoltaic and solar-thermal plants.

For the precise tracking of solar cells or reflectors in harsh environments Framo components and systems will ensure maximum performance.

Worm gear sets

Worm gear sets for high torque transmissions of up to 10.000 Nm dynamic and 20.000 Nm static loads are used for the azimuth-drive for tracking systems with panels up to 60 m².

Custom worm gear drive

Tracking system for a transparent concentrator foil which is used for the energy generation for the desalination of seawater in greenhouses. The Concentrator foil allows diffused light through to plants below and focuses the direct sunbeam to photovoltaic units or solar thermal concentrators.

Linear actuator LiMax-Solar

Linear actuators for elevation adjustment of photo voltaic plants. Dynamic loads up to 20 kN, static loads up to 60 kN with up to 1500 mm stroke length.

Custom linear actuators

Open spindle drive for elevation adjustment of photo voltaic plants. Dynamic loads up to 10 kN, static loads up to 30 kN, stroke length of 800 and 1000 mm. Weather protection with bellows optional.

Custom rotary drive

High-precision actuator for the reflector adjustment in concentrator-plants. Max. 600 Nm torque with brushless DC-motor, CAN-bus control and high definition encoder on the output shaft.

Framo

Framo implements drive ideas from toothed gears to worm and planetary gears and even complete geared motors.

As a reliable partner in drive technology, Framo undertakes development & design, prototype construction, testing, and optimization as well as series production.

Framo has around 330 employees and achieves annual sales of around 43 million euros via a worldwide sales network.