

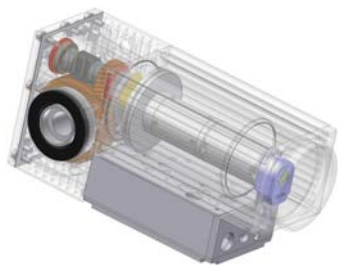
Framo Morat is a leading supplier of custom drive products for Concentrated Solar Power and PV tracking.

From gear to drive-system, **Concise Motion Systems** in partnership with **Framo Morat** brings you extensive know-how regarding drive technology for your solar tracking applications. If you have unique specifications and challenges, we can help you with every step from the initial concept to the final application.

Concentrated Solar Power Plants



Concentrated Solar Power (CSP) plants require very precise tracking drives, to ensure that the solar beams always stay in focus with the concentrator tube.



The Compacta MS12 CSP has been designed to meet these requirements.



Solar Tracking Drive for PV Systems



Solar panels of photovoltaic (PV) systems are more and more often combined with a solar tracking system. Depending on the tracking system the output of each panel can be increased between 20 to 35%.

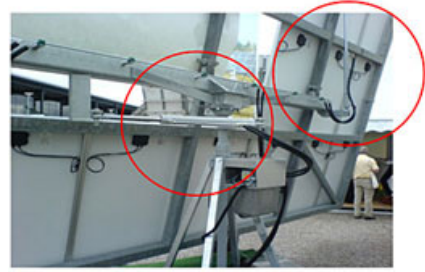
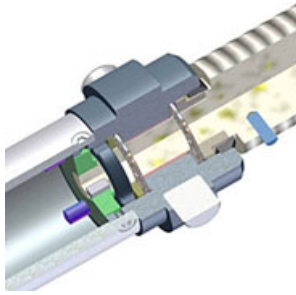


The MS12 PV drives a number of small panels through one central shaft.



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 is optional.



Professional Services

Assembling

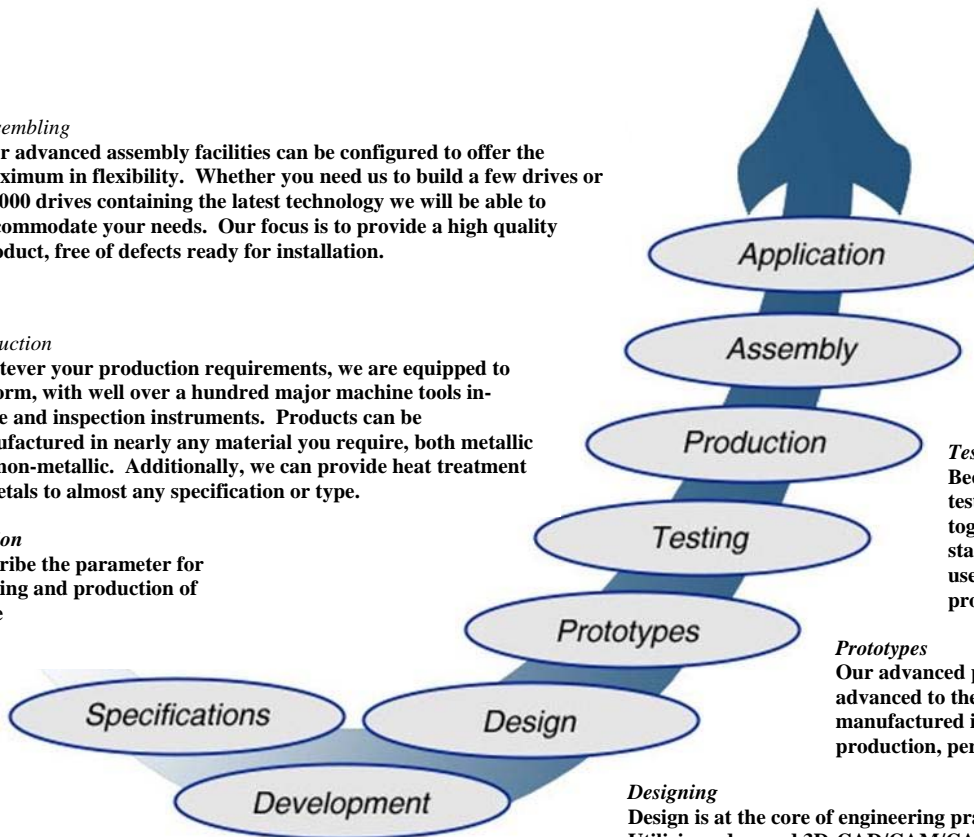
Our advanced assembly facilities can be configured to offer the maximum in flexibility. Whether you need us to build a few drives or 10,000 drives containing the latest technology we will be able to accommodate your needs. Our focus is to provide a high quality product, free of defects ready for installation.

Production

Whatever your production requirements, we are equipped to perform, with well over a hundred major machine tools in-house and inspection instruments. Products can be manufactured in nearly any material you require, both metallic and non-metallic. Additionally, we can provide heat treatment of metals to almost any specification or type.

Specification

You prescribe the parameter for the designing and production of your drive



Testing

Because of our prototyping capabilities, testing becomes much easier to put together and can take place at the early stages of development. Feedback is used to improve designs before production begins.

Prototypes

Our advanced prototyping technologies have advanced to the point that parts can often be manufactured in the material being used in production, permitting mechanical testing.

Designing

Design is at the core of engineering practice. Utilizing advanced 3D-CAD/CAM/CAE design support tools, computer integrated manufacturing and rapid prototyping can also be accomplished.

Development

We use a proven process for new product development to deliver projects on schedule, with the highest product quality, and within budget requirements.