



MACCON

„Dr. Hopper, MACCON has been in business since 1981. Please describe your company and its capabilities to us in a few words“

MACCON is a leading supplier for electric motors, motor controllers and Motion Control products. We are the partner for industry and research, when demanding drive and positioning problems are to be solved with the assistance of the electric motor.

Dr. Hopper, what products do you offer?

We develop, manufacture and sell electric motors of all technologies and topologies, along with power and control electronics, in the power range from 10W to 250kW. We further supply electro-mechanical actuators (EMAs); position sensors (resolvers, encoders etc.) and drive accessories, such as stepper motors, brakes, slip-rings, solenoids etc.

Further specialties of our company are:

- “Motors made to measure”: bespoke motors, exactly designed to the requirements of the application
- “Drive Electronics to match”: power and control electronics, with features adapted to the motor and application, form-factor, interfaces, environmental conditions
- Drive components for hard environments; for example, in aerospace, defense and scientific research
- Engineering services in the field of Motion Control
- CAD Software for the design of electric machines and electro-magnetic systems

And what are the applications you serve?

We supply our products and services world-wide to all fields of industry, requiring electric motors, e.g.

- Machine tools and specialty machines
- Aerospace
- Automotive and railway
- Defense and security
- Medicine
- Measurement and Test
- Scientific and R&D
- Semiconductor manufacture and test

What new developments and innovations are you currently pursuing?

Our traditional application areas were automation and specialty machines. Here we are able to serve our customers with servo- and direct drive motors as well as controls.

During recent years we have been presented with E-Mobility and green-energy applications.

Currently we see many enquiries for electrically powered flight, e.g. for drones and small aircraft.

These applications demand motors and electronics with especially high-power density and efficiency, and above all high reliability and availability.

Our business remains exciting!

Fotos:

1. LS Slotless, outer-rotor, Frameless Motor (zero-cogging)



2. 230kW Inverter, to be directly integrated with motor



„Thank you for our conversation. We wish MACCON the greatest possible success for the future!“

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