

LIEBHERR-ELEKTRONIK GMBH

Liebherr-Elektronik GmbH, based in Lindau (Germany), develops and manufactures high-grade electronic sub-assemblies and components for construction machinery, the aviation industry and railway applications. The company is part of the Components Division, one of ten product divisions within the worldwide active Liebherr Group. Founded in 2001, Liebherr-Elektronik GmbH today employs around 570 people, 135 thereof are working in the development department. In 2011 the company recorded a turnover of about 75 million Euros. The product range includes control and automation electronics for construction machinery and avionics, power electronics for highly dynamic flap control mechanisms, drive electronics for air conditioning systems for aviation and railway applications, converters, as well as display and operating panels for application in construction machinery and aircraft cockpits.

Its diverse portfolio represents the comprising know-how and expertise of the company. Liebherr's high-quality electronic systems distinguish themselves by their robustness and longevity in harsh environments. Products are designed to be safety critical, 'fit and forget', for long operating times and with long-term availability. Their development, production, and service are always oriented by project-specific and economic requirements. That is how Liebherr implements customised electronics solutions on the highest

technological level and provides its customers a future-oriented partnership. Liebherr-Elektronik GmbH continually expands its technologies in order to achieve highest quality and reliability. The components must endure significant strain on specially developed test and simulation benches, for instance lightning strokes, moisture or strong vibrations. Only if the result is 100% satisfactory, a new development is qualified. Fully certified Liebherr-Elektronik GmbH has a series of certifications according to international industry, aviation and environmental standards. Regular internal and external audits ensure the sustainability of the quality-assurance measures in the individual departments.

For many years, Liebherr-Elektronik GmbH has been cooperating with several national and European research projects, such as MOET, JTI CleanSky, EfA, Energy-



Electric Back-up Hydraulic Actuator for Airbus A380

Cap or HyBa. In these projects, Liebherr's development team follows a technology roadmap dedicated to ensuring and enhancing the competitiveness of future products.



Liebherr mobile crane LTM 11200-9.1