

### Liebherr-Verzahntechnik GmbH at the EMO Hannover 2013

**Kempten (Germany) September 16, 2013 – As a system supplier of gear cutting machines, tools and automation systems, Liebherr will be presenting numerous new products at the international exhibition for the metalworking industry EMO Hannover 2013, which takes place from 16 to 21 September 2013 in Hanover, Germany. Visitors will find Liebherr at Booth A 11 in Hall 26.**

"We are looking forward to unveiling three of our innovative gear cutting machines at our booth," says Dr.-Ing. Hansjörg Geiser, Manager Development and Design Gear Cutting Machines at Liebherr-Verzahntechnik GmbH. "The exhibition slogan 'Intelligence in Production' means implementing particular customer requirements in the most diverse production locations in a globalized economy. Our solutions support customers by achieving this goal – through high efficiency and availability as well as worldwide reproducible quality and user-friendly operation."

Liebherr-Verzahntechnik will be showcasing three new machines at EMO Hannover 2013. These are solutions for the needs of automotive and commercial vehicle industry in particular: two hobbing machines, the LC 180 with separate Chamfer Cut unit for work pieces up to 180 mm and the LCH 180 with two horizontally arranged work piece spindles with separate press deburring unit. Moreover, Liebherr will present the LGG 180, a newly designed gear grinding machine for both profile and generating grinding. "Given their extensive technological capabilities, the new machines are designed towards meeting current and future industry requirements," explains Hansjörg Geiser. "It was our goal to provide the perfect solution for each particular application. The result is key: process reliability and the quality of manufactured components – delivered as cost-effectively as possible."

In the area of automation systems, Liebherr presents several new solutions at EMO Hannover 2013. Liebherr offers flexible robot systems with which the automated recovery of randomly arranged parts (also referred to as "bin picking") can be automated economically and with a high level of process reliability. Further, Liebherr displays the rotary loading system RLS 800, the telescopic axis LP 200 and the palletizing cell LPC 3400.

Among the gear cutting tool innovations are innovative tools for finishing and hard machining.

### **About Liebherr-Verzahntechnik GmbH**

The Liebherr Group has been designing and manufacturing gear-cutting machines for nearly sixty years. Since 1962, these activities have been centered at Liebherr-Verzahntechnik GmbH in Kempten, Germany. Today, Liebherr is one of the leading manufacturers of CNC gear-cutting machines and automation systems. The company manufactures gear hobbing machines, gear-shaping machines, generating and profile grinding machines and gear-cutting tools. In the field of automation systems, in cooperation with well-known machine manufacturers, Liebherr supplies machining lines, automated machining centers, and system integration of machine tools with gantries, robot integration and pallet-handling systems.

Liebherr-Verzahntechnik GmbH is the divisional control company of the Liebherr Group's machine tools and automation systems division. This division employs around 1,270 people all over the world and has manufacturing facilities in Kempten (Germany), Ettlingen (Germany), Collegno (Italy), Saline (Michigan, USA) and Bangalore (India) along with a worldwide marketing and service organisation.

### **Captions**

liebherr-gear-technology-lc180.jpg

Hobbing machine with separate Chamfer Cut unit for work pieces up to 180 mm

liebherr-automation-rotary-loading-system.jpg

RLS rotary loading system by Liebherr: Entry into high-efficiency production

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