

### **Liebherr at the Bauma China 2014 Trade Fair**

- Construction and mining equipment at outdoor booth B12
- Exhibits from Liebherr's product ranges of hydraulic excavators, wheel loaders, material handlers, mobile cranes and concrete technology
- In-house developed components at indoor hall N4 / booth No. 128

**Biberach / Riss (Germany), September 2014 – At Bauma China 2014, the Liebherr Group showcase the latest technologies and developments in the construction machinery and components segments from November 25-28, 2014 in Shanghai, China. At the International Trade Fair for Construction Machinery, Building Material Machines, Construction Vehicles and Equipment, the Liebherr Group presents its construction equipment at outdoor booth B12 and its in-house developed components, for the first time at Bauma China, at indoor hall N4 / booth No. 128.**

High-quality equipment from Liebherr enables superior productivity and high efficiency. With its presence at Asia's most important trade fair for construction machinery, Liebherr shows its appreciation for the significance of the growing markets of the Asia-Pacific region.

#### **Crawler Excavators R 944 C and R 966**

The crawler excavator R 966 on display at the 2014 Bauma China provides an operating weight of around 67 tonnes and is equipped with a 4.5 m<sup>3</sup> backhoe bucket. The R 966 follows the R 964 C. The robust design of the machine is especially dedicated to the quarry and mining applications. Its engine has a rated output of 320 kW (435 HP) and complies with stage IIIA / Tier 3. The crawler excavator R 966 has a new range of undercarriages including a variant with variable track adjustment for simplified transport. The new operator's cab is specially designed for large machines with more space for a high level of comfort. The proven maintenance concept with walkways is developed for safe and fast service.

The crawler excavator R 944 C is on display at Bauma China as super mass excavation version providing an operating weight of 43 tonnes. Like all crawler

excavators from Liebherr, it features state-of-the-art technology and high-quality workmanship. Key-components such as engine, hydraulic pumps and motors, slewing and travel gearboxes as well as electronic elements are developed and produced by Liebherr.

### **Mining Excavator R 9100**

The two excavators from the earthmoving division are accompanied by the mining excavator R 9100. This 110 tonnes hydraulic excavator is the smallest representative of Liebherr's mining product range. With a rated power output of 565kW (757hp), the innovative Liebherr V12 engine, together with the efficient hydraulic system, supplies the high breakout and digging forces needed for day-to-day operation. The Liebherr bucket, with a nominal volume of 7 cu. m., combined with the Liebherr ground engaging tools (GETs) is an optimised pattern for mining work, designed for improved penetration and a high fill factor.

### **Wheel Loader L 580**

The Liebherr wheel loader L 580 on display at Bauma China is driven by a 209 kW / 284 HP diesel engine. Equipped with a 5 m<sup>3</sup> high-dump bucket with bolt-on cutting edge, the machine achieves a tipping load of 18,000 kg at an operating weight of 24,720kg. The Liebherr wheel loaders are robust standard machines with the familiar high performance and the low operating costs for which Liebherr is well-known. The combination of the hydrostatic travel drive and the special mounting position of the diesel engine enables movement of high load-weights. Thanks to the robust design the machines are ideal for the most challenging of conditions. The Liebherr wheel loaders offer exceptionally low fuel consumption and require up to 25 % less fuel than comparable models from other manufacturers.

### **Material Handler A 934 C**

From its program of material handlers, Liebherr is exhibiting the high-performance A 934 C Litronic at Bauma China 2014. It has an operating weight of approximately 37 t. The power unit is a robust Liebherr diesel engine with turbocharger and charge-air intercooler, which complies with Tier 3 / Stage IIIA emission limits. It is of 7,000 cc

capacity with an engine output of 150 kW (204 hp) available at an engine speed of only 1800 min<sup>-1</sup>.

The A 934 C Litronic material handler has a wide support base with large pads for maximum stability. Depending on the working equipment, extremely heavy loads can be raised by up to 17 m and moved out to the same working radius.

The tried-and-trusted multi-tine grapples, wood grapples as well as clamshell grabs are essential tools for every Liebherr material handler. Thanks to their carefully designed geometry, Liebherr attachments are ideally matched to Liebherr machines – resulting in excellent loading behavior and high productivity.

### **Mobile Crane LTM 1300-6.2**

The mobile crane LTM 1300-6.2 was unveiled at the 2013 Bauma in Munich, Germany. The 300 tonne mobile crane on a six-axle chassis is powered by a single engine with a mechanical shaft. With this innovative concept for the superstructure drive unit there is no need for a second engine, as normally used on cranes in this class. Its 78 m telescopic boom means that the LTM 1300-6.2 offers an additional 6 m in length over its predecessor, the LTM 1250-6.1. In addition its load capacity has been increased dramatically. The new LTM 1300-6.2 from Liebherr is the most powerful 300-tonner available on the mobile crane market.

### **Components**

At indoor stand No. 128 in Hall N4, Liebherr Components presents various in-house-developed components such as hydraulic pumps and motors, travel and swivelling drives as well as Common Rail fuel injection systems. The hydraulic pumps and motors in an axial piston design with swashplate adjustment are on display in various sizes and for open and closed hydraulic circuits. For the first time on the Asian market, Liebherr Components will showcase its Common Rail fuel injection system for large engines with a displacement of up to 5 litres. All components are especially suited to the harsh environmental conditions construction and mining machinery are subjected to.

**Picture captions**

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Liebherr outdoor booth at the Bauma China 2012, this year Liebherr shows its construction and mining equipment at outdoor booth B12 and its components at indoor booth No. 128 / hall N4.

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**Published by**

Liebherr-International Deutschland GmbH

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