

### **Liebherr at the Bauma China 2016 Trade Fair**

- Construction equipment at outdoor booth B12
- Exhibits from Liebherr's product ranges of hydraulic excavators, wheel loaders, material handlers and mobile cranes
- In-house developed components at indoor hall N4 / booth No. 420

**Biberach / Riss (Germany), September 2016 – At Bauma China 2016, the Liebherr Group showcases the latest technologies and developments in construction machinery and components from November 22-25, 2016 in Shanghai, China. At the International Trade Fair, Liebherr presents its construction equipment at outdoor booth B12 and its in-house developed components at indoor hall N4 / booth No. 420.**

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

#### **Crawler Excavator R 920**

A completely renewed range of Liebherr crawler excavators was presented at the Bauma 2016 in Munich (Germany). One of the new models, the R 920 will be on display at the 2016 Bauma China. It unites power, precision and versatility, which ensures excellent performance. The R 920 has an operating weight of 21 tonnes and an engine output of 110 kW / 150 hp. Equipped with the latest hydraulic system, it is suitable for light and heavy tasks. It also features an automatic centralized lubrication system and intelligent energy management, which increases productivity. Furthermore, its bulldozer blade and various attachments make it indispensable. The operator's comfort is at the forefront for Liebherr as well. The operator's cab includes a new seat, touch screen, and larger windows; not only does the driver have a better view, but it also ensures a safer work environment.

## **Crawler Excavator R 966**

The 70-tonne class R 966 will also be among Liebherr's exhibits at Bauma China. Its optimized hydraulic system together with intelligent operating modes allows it to work at maximum productivity, whether in earthmoving or quarry operations. It features a V8 diesel engine with high torque even at low speeds. Additionally, it is equipped with a Liebherr bucket and tooth system, which guarantees easy penetration and simple extraction, where digging and breakout forces of 308 kN and 354 kN ensure fast and efficient working cycles. The R 966 proves its versatility with its various attachments and optimized kinematics.

## **Wheel Loader L 550**

At Bauma China 2016, Liebherr is exhibiting the wheel loader L 550, an example of its expanding wheel loader product range for the Chinese market. Due to the hydrostatic driveline, the L 550 is – like all Liebherr wheel loaders – very fuel efficient, consuming up to 25 percent less fuel compared with conventional wheel loaders under the same conditions. The optimum weight distribution of the machine increases the productivity at work, because larger buckets can be used to handle more material with each loading cycle.

The Liebherr wheel loader L 550 on display is powered by a 147 kW / 200 HP diesel engine. Its exhaust emissions are below the limits in Stage IIIA / Tier 3. The optimum weight distribution combined with a wide range of attachments for different applications supports businesses to benefit from increased productivity during daily operation. Thus especially by using larger buckets compared to other type of wheel loaders in the same class.

Based on decades of experience in producing and developing wheel loaders, Liebherr manufactures wheel loaders for the Chinese market in Dalian, P. R. China, in close cooperation with the wheel loader competence centre in Bischofshofen, Austria. Liebherr's wheel loaders for the Chinese market are high-performing machines: Designed according to the company's high quality standards, Liebherr wheel loaders operate reliably – even in the toughest conditions.

## **Material Handler A 934 C**

From its program of material handlers, Liebherr showcases the high-performance A 934 C Litronic at Bauma China 2016. It has an operating weight of approximately 37 tonnes. 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 rpm.

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 Liebherr LTM 1300-6.2 on display in Shanghai is the successor to the time-tested LTM 1250-6.1. Its telescopic boom has been extended by 6 m to 78 m. Its load capacity has also been increased. The new LTM 1300-6.2 from Liebherr is now the most powerful 300-tonner available on the mobile crane market. On the one hand it is designed as a simple folding jib crane whilst on the other it is the smallest luffing jib crane on the market providing crane operators with a low cost entry point into the luffing jib crane class.

A completely new concept for the superstructure drive unit has been used on the new LTM 1300-6.2. Instead of the twin-engine concept normally used on cranes in this class, the 300-tonner is powered by a single engine with a mechanical shaft. A mechanical shaft ensures particularly high efficiency and thus guarantees the economy of the new concept in terms of fuel consumption.

## **Components**

At the indoor stand No. 420 in hall N4, Liebherr presents various in-house-developed components such as hydraulic pumps and motors, travel and swivelling drives, large diameter bearings as well as Common Rail fuel injection systems. The latter are particularly designed for engines with a displacement of up to six litres. 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. The exhibits portfolio also includes travel and swivelling drives for all kinds of crawler vehicles. For the first time at Bauma China, Liebherr will showcase its large diameter bearings portfolio. All components are especially designed for the harsh environmental conditions construction and mining machinery are subjected to.

## **Picture captions**

liebherr-bauma-china-2014.jpg

Liebherr outdoor booth at the Bauma China 2014. In 2016, Liebherr shows its construction equipment at outdoor booth B12 and its components at indoor booth No. 420 / hall N4.

liebherr-crawler-excavator-r920-compact-bauma-china.jpg

The R 920 unites power, precision and versatility, which ensures excellent performance.

liebherr-l550-wheel-loader-bauma-china.jpg

The Liebherr L 550 wheel loader impress in rehandling with its minimal fuel consumption. It is consuming up to 25 percent less fuel compared with conventional wheel loaders under the same conditions.

liebherr-mobile-crane-ltm1300-6-2-bauma-china.jpg

Liebherr mobile crane LTM 1300-6.2 with innovative single-engine concept

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