

### **“Experience the Progress”: Liebherr presents its latest innovations for the mining industry at MINExpo 2016**

- The Liebherr Group participates for the 5<sup>th</sup> time at MINExpo in Las Vegas, NV.
- The Liebherr stand #7627 will exhibit new products and innovative solutions for the mining industry and will present drive and control technology components for the first time at MINExpo.
- Visitors will learn about the Group’s mining philosophy and the six pillars which have been formulated using Liebherr’s experience in the industry for over 50 years.

**Colmar (France), July 22, 2016 – At MINExpo 2016 from September 26-28, in Las Vegas, Nevada, USA, Liebherr will showcase the latest technology from its mining product range. Covering a total area of more than 28,000 sq. ft. (2,600 m<sup>2</sup>), Liebherr’s stand #7627 will present new products, components and customer service solutions to reinforce the motto, “Experience the Progress”, supported by the six pillars of Liebherr-Mining: Productivity, Efficiency, Reliability, Customer Service, Safety and Environment.**

In September 2016, four out of eleven divisions of the Liebherr Group will present their products at MINExpo, the world’s largest mining trade show. The Liebherr-Mining division will display the giant T 284 mining truck with its gross vehicle weight of 661 tons (600 tonnes) and in exclusivity, the very first presentation of the Liebherr 100 tonnes truck. Moreover, the R 9200 mining excavator will also be introduced to the American market for the first time as well as the PR 776 crawler tractor from the Earthmoving division. The Liebherr Components division will be represented for the first time at MINExpo and will showcase its latest developments in the areas of mechanical, hydraulic, and electric drive and control technology. To complement the product line, the Mobile Crane division will also be part of the show with the LTR 1100 telescopic crawler crane, which is known for its outstanding maneuverability.

#### **World premiere of new 100 tonnes truck**

At MINExpo 2016, Liebherr will seize the opportunity to introduce their new 100 tonnes truck. This new truck will demonstrate the continuous effort for Liebherr’s innovation in

design, paired with the evolution of Liebherr's own high quality components and class-leading technology. The combination of this will result in more productivity, better efficiency, higher reliability and increased safety for reduced cost per tonne.

### **T 284 mining truck**

The T 284 offers the highest payload in the industry and features the latest generation of the Litronic Plus AC drive system. With intelligently designed systems and components, the T 284 serves as the platform for future advances in mining truck technology. A special feature is its Tier 4-ready MTU engine. With application-specific recommendations from Liebherr, customers are able to select the engine that will allow the truck to meet productivity targets while minimizing fuel consumption.

### **R 9200 mining excavator**

The R 9200 mining excavator, fitted with the Liebherr advanced bucket and GET solution, is equipped with a 16.3 yd<sup>3</sup> (12.5 m<sup>3</sup>) bucket capacity, which offers the biggest payload in its class. This new 200 tonnes machine is designed to match mining trucks with payloads of up to 140 tonnes and provide maximum uptime since it features superior reliability and easy serviceability. In addition, the cutting-edge cab provides the operator optimal comfort and safety due to its large panoramic windshield, armoured glass and low noise level.

### **PR 776 crawler tractor**

Liebherr will also showcase the PR 776 Litronic crawler tractor, which is designed for tough mining and quarry operations. Liebherr will use the MINExpo platform to launch for the first time its latest crawler tractor in the 70 tonnes category – the largest hydrostatically powered crawler tractor in the world.

### **Components**

By attending this trade fair, the Components division aims to enhance the activities it has begun in the mining industry. Some of the components and systems on the show include: a new series V-diesel engine D9812 with a power rating up to 2,700 HP (2,013 kW), the

new electric travel drive FAT 325 and a cabinet frequency converter. A system exhibit comprising a roller bearing slewing ring and swivelling drive is also presented by way of a sample application in the mining area.

### **LTR 1100 telescopic crawler crane**

The LTR 1100 combines the advantages of a telescopic crane with those of a crawler crane. This makes the product very suitable for operations on mine sites, because the crawler travel gear delivers excellent off-road handling and maneuverability. Additionally, the crane can move loads with great precision. The advantages of a telescopic crane include; shorter set-up times, simpler transport and the variability of its boom system. The LTR 1100 features a telescopic boom of 171 ft. (52 m) and reaches lifting heights of up to 272 ft. (83 m) and a radius of up to 195 ft. (60 m) with lattice boom jibs.

### **Captions**

liebherr-100-tonnes-truck.jpg

Liebherr 100 tonnes truck, a world premiere

liebherr-t-284-truck.jpg

Liebherr T 284 ultra-class mining truck offers a payload of 400 tons (363 tonnes)

liebherr-r-9200-excavator.jpg

Liebherr mining excavator R 9200 equipped with a backhoe bucket

liebherr-crawler-tractor-pr776-coal-mine-australia.jpg

Liebherr crawler tractor PR 776 in a coal mine in Australia

liebherr-ltr-1100.jpg

Liebherr LTR 1100 telescopic crawler crane

liebherr-new-D9812-diesel-engine.jpg

The first available cylinder configuration of the D98 series: the D9812 diesel engine

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