

### **Liebherr presents new R 9200 mining excavator at MINExpo 2016**

- New 200-tonne class machine in the Liebherr mining excavator product range
- First introduction to the American market
- 14 Liebherr R 9200 already sold since product launch
- Excavator available with different configuration options to fit worldwide requirements

**Las Vegas (NV / USA), September 2016 – At MINExpo 2016, Liebherr presents its new entry into the 200-tonne excavator class for the first time in the USA: the R 9200, built to complement the broad Liebherr mining product range. The 16.3-yd<sup>3</sup> (12.5-m<sup>3</sup>) bucket is the largest in its class, and offers sustainable performance while delivering peak fuel burn efficiency, even in the most challenging conditions. This world-class mining excavator is designed to match mining trucks with payloads of up to 154 tons (140 tonnes).**

The mining industry has partnered with Liebherr for half a century, allowing the company to build a solid reputation for the development and production of world-class mining equipment. As a result, the R 9200 combines tradition with innovative thinking, to overcome any challenge.

#### **Optimized for performance**

The R 9200 is available in backhoe and face shovel configuration and is fitted with the Liebherr advanced bucket and GET solution. With a standard bucket volume of 12.5 m<sup>3</sup>, the R 9200 bucket solution delivers superior digging performance and high fill factors, even in the most extreme mining conditions. This new excavator is powered by the Cummins QSK38 diesel engine that complies with USA/EPA Tier 2 or 4i exhaust emission limits and has a rated output of 1,086 hp (810 kW). The cutting-edge cab of the R 9200 provides a panoramic view of the operation leading to efficient truck loading and safe machine positioning. The R 9200 integrates an advanced electronic piloting control system which is both intuitive and versatile.

## **Cost-focused energy management**

The Liebherr R 9200 excavator is equipped with the unique Liebherr-patented Litronic Plus system, an intelligent power management system that enhances electrical, mechanical and hydraulic power distribution. Combined with a closed-loop hydraulic swing circuit, this class-leading system allows the R 9200 to cycle faster and consume less fuel. Efficiency is further enhanced by the use of an on-demand cooling control for both water and oil. The independent cooling circuits eliminate parasitic loss while diverting power to the attachment. By controlling heat, the R 9200's components operate at their most efficient temperature; efficiency leads to lower costs and a longer life.

## **Made by Liebherr**

Liebherr consistently sets the standard for advanced equipment design and technology with feedback from working machines being incorporated as part of continual improvement processes. Specifically designed for extreme mining conditions, the R 9200's outstanding reliability and easy serviceability provide maximum uptime. The R 9200 is built on a 50-year foundation that combines experience with innovative thinking, world-class engineering and manufacturing excellence. Central to the foundation are Liebherr's advanced welding techniques which are stress-relieved and strategically located to ensure the R 9200 is still producing long after the competition has retired. Integrated components developed and produced by Liebherr ensure peak reliability that are synonymous with the Liebherr brand.

## **Ergonomic design for easy, safe and fast maintenance**

The R 9200 is designed with service simplicity in mind. Extended service intervals and purposeful system layouts make the R 9200 easy to service and therefore minimize downtime and lower operating costs. Accessibility of the upper structure is of key note, a powered 45° stairway directs the maintainer to the centralized major service points which can be quickly and easily reached from this single-level service platform. The engine too, is surrounded by wide platforms leading to effortless and safe access for the maintainer. Hydraulic pumps are accessible through wide open service doors adjacent to a large catwalk. This combination enables the use of Liebherr's pump lifting tool for

faster replacement. All operating fluids can be easily and quickly refilled through ground-level service access.

The R 9200 eliminates hazards to ensure a safe environment for the service staff during maintenance. Numerous service lights are strategically located in service areas to maintain suitable maintenance conditions, day or night. Additionally, emergency stops have been placed in the cab, engine compartment and at ground level.

### **Captions**

liebherr-mining-excavator-r9200-backhoe-bucket.jpg

Liebherr R 9200 mining excavator at work in a platinum mine

liebherr-mining-excavator-r9200-face-shovel.jpg

Liebherr R 9200 mining excavator in face shovel configuration

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