

Liebherr's Continuous Improvements to Ultra-Class Mining Trucks Maximize Productivity

- Enhanced performance of T 264 mining trucks including higher payload
- Extended hauling capacity of T 282 C and T 284 mining trucks
- Tier 4 solutions to satisfy global EPA requirements
- Real-time tracking of machine health and performance with Liebherr Mining Data

Newport News, VA (USA), 15 March 2019 – Liebherr Mining Equipment Newport News Co. strives for continuous improvement to its product line of mining trucks and excavators. Safety, productivity, and performance are at the core of these new features.

Liebherr has been designing, developing, and servicing high-quality mining trucks for over 20 years. The Liebherr production factory in Newport News, VA works to continuously improve the efficiency and availability of their mining equipment. This goal-oriented approach is why customers and operators around the world prefer Liebherr.

Image: Liebherr T 264.jpg

Caption: Investing in the latest product upgrade for the T 264 mining truck results in a higher payload capacity of 240 tonnes / 265 tons.

Transformative Upgrades for T 264 Mining Trucks

Investing in the latest product upgrade for the T 264 mining truck results in a higher payload capacity of 240 tonnes / 265 tons. To maintain performance and increase productivity, the T 264 offers multiple engine options with power ratings up to 2,013 kW / 2,700 HP. This allows customers to move more materials in less time, while supporting the additional weight of the increased payload.

The new front wheel design and upgraded braking system offer quicker reaction times to increase safety for operators, particularly when traveling downhill. The upgraded wheel motors and rear gear ratio boosts torque and acceleration to provide similar cycle times with 10% increased payload. This truck is best matched with the Liebherr R 996 B (four passes) and Liebherr R 9800 (three passes) mining excavators.

Evolutionary Options for T 282 C and T 284 Mining Trucks

Existing mining trucks can be retrofitted for increased payload and production capacity. Now capable of hauling additional payload to reach a total capacity of 375 tonnes / 413 tons, this improvement will allow for maximization of productivity, with the added benefit of enhanced compatibility with Liebherr's R 9800 mining excavators in a five pass match.

Image: Liebherr T 284

Caption: Existing mining trucks can be retrofitted for increased payload and production capacity.

Sustainability & Compliance in Mining

Constantly striving for improvement, Liebherr provides customers with a choice of engine options. Tier 4 solutions are designed to reduce emissions and satisfy global requirements (established by the EPA for all new mining and construction equipment). This practical consideration is an example of Liebherr's commitments to customer satisfaction and environmental sustainability. Tier 4 final is already available on the T 264 and the T 284.

Machine health and performance tracking with the Liebherr Mining Data System

The new Liebherr Mining Data (LMD) online portal offers real-time insights and data regarding performance and availability of mining trucks. This OEM solution software offers a single dashboard for improved fleet management of Liebherr Mining Trucks, so that customers can track KPIs and generate custom reports.

LMD now comes standard with all new Liebherr ultra-class mining trucks, and the hardware kit is available as a retrofit for the T 282 C generation mining trucks. Providing end-to-end solutions for machine data monitoring and analysis is one of many ways Liebherr continues to improve and add value for all customers.

A few benefits of LMD include detailed application analysis and optimization, increased safety, reliability, and machine uptime, with reduced maintenance, repair time, and cost through preventative intervention.

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