

Liebherr T 284 mining truck at MINExpo 2016

- Durable, lightweight frame allows for highest payload in the industry
- Application-specific engine enables the truck to meet its productivity target
- Reliable and efficient Liebherr Litronic Plus AC drive system
- Advanced diagnostics

Las Vegas (NV / USA), September 2016 – Liebherr will showcase the ultra-class T 284 mining truck available with new features and options at MINExpo 2016 in Las Vegas.

Millions of operating hours and decades of design experience have come together to create the T 284 ultra-class mining truck. The T 284 offers the highest payload in the industry. With intelligently designed systems and components, the T 284 serves as the platform for future advances in mining truck technology.

Unmatched performance

Developed and built by Liebherr, the proven Litronic Plus AC drive system determines the optimal way to extract power from the diesel engine. With this system, more power is available to accelerate the truck and climb grades. The Litronic Plus system also conserves fuel when the engine is idling, minimizing fuel consumption and maximizing performance.

Combining the T 284's efficient Litronic Plus AC drive system, high-power engine, and low gross vehicle weight, this leads to fast haul cycle times with higher speeds on grade when compared to others in its class.

The T 284 supports engine options with power ratings up to 4,023 hp (3,000 kW). With application-specific recommendations by Liebherr, customers are able to select the engine that will allow the truck to meet productivity targets while minimizing fuel consumption. These engine options offer the latest fuel-injection technology for cleaner combustion and reduced fuel consumption. The T 284 also supports high-capacity tires.

Lightweight design ensures maximum payload

Liebherr's design goal is to use as much of the truck's load-carrying capacity as possible for payload. The T 284 achieves this by combining its trademark low empty vehicle weight (EVW) and electric drive system. The key to this empty vehicle weight is the T 284's durable, lightweight frame which includes cast components in strategic areas and hollow box rails with fully welded internal stiffeners.

Ultra-class trucks have proven to be a more productive means of moving material. As the designer and manufacturer of the first 400-ton (363-tonne) mining truck, Liebherr has been at the forefront of this successful industry solution. By hauling more per cycle, the T 284 allows customers to maximize the return on their investment and to meet production targets with fewer trucks, or in less time.

Liebherr remains committed to the success of its ultra-class mining trucks, by developing optional packages like sound suppression, high altitude, and high ambient temperature kits for special applications.

Caption

liebherr-t-284-truck.jpg

The Liebherr T 284 mining truck

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