

T 264 Battery Electric

Mine Electrification

LIEBHERR

Mining



Discover the latest advancements in mining decarbonisation with the Liebherr T 264 Battery Electric truck, equipped with a battery made by Fortescue Zero. Leveraging a rich history in motorsport, Fortescue Zero provides high-performance solutions across the automotive, mobility and mining sectors. Together, Liebherr and Fortescue Zero are committed to driving sustainable change in the mining industry through the development of a comprehensive electric haulage ecosystem, which also includes both static and dynamic charging solutions.



The T 264 Battery Electric has a payload capacity of up to 240 tonnes perfectly complementing Liebherr's R 9400 and R 9600 excavators with pass matches of six and four respectively – guaranteeing fast loading times and enhanced productivity.

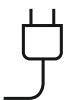
Features



Battery power module delivers 3.2 MW maximum power output



Fast stationary charging in under one hour for maximum productivity



Compatible with Dynamic Power Transfer and automated quick chargers of up to 6 MW



Advanced real-time battery analytics for optimised quick charging, extended battery life and enhanced truck utilisation



Battery-chemistry agnostic to accommodate diverse mining applications



Designed for easy maintenance and simple retrofitting of future technologies



Advanced regenerative braking technology



Compatible with Liebherr's Autonomous Haulage Solutions

Benefits



Zero emission solution



Modular design that supports upgrades



Energy-agnostic drivetrain solution



Increased productivity



Minimum TCO

Modular design

Liebherr's modular design philosophy for its haulage solutions makes it easy for customers to upgrade any recently purchased Liebherr haul truck with the latest advancements in mining technology, eliminating the need for costly equipment replacements. This provides customers with the ability to repower trucks with internal combustion engines to alternative power sources at a time that makes sense for their operations.



Equipment can be retrofitted with future technologies



Energy- and powertrain-agnostic approach to zero emission solutions to fit unique applications



Compatible with a range of energy types, machine applications and drivetrain technologies



Recently purchased equipment can be upgraded to zero emission drives



Solution provider

As an OEM, Liebherr prides itself on designing and manufacturing mining equipment of the highest quality for its customers. But on top of this, the company also strives to provide infrastructure and technology solutions that can help customers to get the very best out of their Liebherr equipment.

Static charging

The static charger will be available in both manual and robotic versions and includes an automated connection system of up to 6 MW with a megawatt charging system (MCS) connector that can charge the T 264 Battery Electric in under an hour.



Dynamic charging

When connected to a dynamic charging system, battery-electric trucks use grid energy for power during haulage segments. The additional power capacity of the electric wheel motors translates into faster speeds on grade. Liebherr currently offers a pantograph solution across its entire truck product range, including the brand-new T264 Battery Electric. As a committed full solution provider, Liebherr is developing a concept for the next-generation of dynamic power transfer, the Liebherr Power Rail.

Autonomous solution

The T 264 Battery Electric is compatible with Liebherr's Autonomous Haulage Solution, which includes a fully integrated Fleet Management System and Machine Guidance System. These innovative technologies are part of the Liebherr's expanding range of technology products and represent another way in which the company is a total solution provider for the mining industry.

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