

Press release

## Liebherr presents HVAC-solution at Middle East Rail 2024

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- Liebherr-Transportation Systems welcomes visitors at its booth D40-D in the Abu Dhabi National Exhibition Center (UAE)
- A heating, ventilation, and air-conditioning (HVAC) system will be on display, which can withstand even weather conditions such as extreme heat, harmful sandstorms and heavy rain

Liebherr-Transportation Systems will be participating in the exhibition Middle East Rail from April 30 to May 1, 2024 in Abu Dhabi (UAE). At booth D40-D, visitors will be able to see and learn about the company's capabilities in the railroad sector.

Pinghu (China), April 2024 – Innovative and customized solutions for the rail industry: Liebherr-Transportation systems is looking forward to welcoming customers and visitors at the Middle East Rail exhibition from April 30 to May 1, 2024, at booth D40-D in the Abu Dhabi National Exhibition Center.

« We are very pleased to participate in the largest and most established rail event in this region, » says Andreas Walter, General Manager of Liebherr Transportation Systems (China) Co. Ltd. « Our visitors can expect innovative HVAC system solutions for travelling in comfort on board a train. We look forward to exchanging ideas with customers and other industry representatives. »

### Exceptional performance under extreme conditions

A heating, ventilation, and air conditioning (HVAC) system will be displayed on the Liebherr booth, which was developed specifically for the challenging climate in desert regions. While temperatures can rise up to 50 degrees Celsius during the day, they often drop to single digits at night. In addition, sometimes strong winds whirl up dust and sand. Despite these extreme environmental conditions, the HVAC system from Liebherr-Transportation Systems reliably ensures a constant temperature level in the trains.

With a filtration system, Liebherr ensures that the finest dust and sand particles are filtered out of the ambient air and are not distributed into the passenger compartment. To guarantee this as early as possible in the design process of the system, the filtration function integrated within the Liebherr HVAC units were tested with sand from the potential train operating sites. The conditions were kept as realistic as possible to obtain accurate and efficient test results.

## About Liebherr-Aerospace & Transportation

Liebherr-Aerospace & Transportation SAS, headquartered in Toulouse (France), is one of 13 product segments of the Liebherr Group and a first-tier provider of on-board solutions in the aerospace and transportation industry, contributing to a more sustainable transport through innovative products, best in class services and performance excellence.

The aerospace product portfolio offered to civil and defense customers includes environmental control and thermal management systems, flight control and actuation systems, landing gears as well as on-board electronics. For rail vehicles of all kinds Liebherr offers heating, ventilation and air conditioning systems, passive and active hydraulic systems for braking, damping, axle steering and levelling. Furthermore, Liebherr serves the commercial vehicle market with trailer cooling systems.

## About the Liebherr Group – 75 years of moving forward

The Liebherr Group is a family-run technology company with a highly diversified product programme. The company is one of the largest construction equipment manufacturers in the world. It also provides high-quality, user-oriented products and services in a wide range of other areas. The Liebherr Group includes over 150 companies across all continents. In 2023, it employed more than 50,000 staff and achieved combined revenues of over 14 billion euros. Liebherr was founded by Hans Liebherr in 1949 in the southern German town of Kirchdorf an der Iller. Since then, the employees have been pursuing the goal of achieving continuous technological innovation and bringing industry-leading solutions to its customers. Under the slogan '75 years of moving forward', the Group celebrates its 75th anniversary in 2024.

## Image



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Heating, ventilation, and air conditioning (HVAC) systems from Liebherr-Transportation Systems enable a reliable and constant indoor climate, despite extreme outside temperatures. - © Liebherr

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