

Liebherr Supplies Anti-Buckling System for Low-Floor Tram to the Chinese City of Huainan

September 2015 – Liebherr-Transportation Systems has recently delivered anti-buckling systems for low-floor trams to Chinese rail vehicle manufacturer Zhuzhou Electric Locomotive Co., Ltd. The trams will be used in the city of Huainan (China).

The order comprises 26 anti-buckling systems for 26 low-floor trams. These will be operated in future as passenger service vehicles in the city of Huainan, which has a population of 4.8 million and is located in the Chinese province of Jiangsu. The customer, Zhuzhou Electric Locomotive Co., Ltd., is part of the CSR Corporation Limited headquartered in Zhuzhou (China).

The hydraulic anti-buckling system ensures that the clearance profile outline is maintained under all operating conditions that may be encountered. Function monitoring is carried out by an electronic controller, the so-called BK3 controller, which is integrated by Liebherr. The system from Liebherr-Transportation Systems significantly increases ride comfort and it also reduces wear on the wheels thanks to a hydraulic coupling device, which regulates the position of all bogies.

The first vehicles equipped with these systems are expected to be tested and certified in Huainan by the end of 2015. Furthermore, there are plans to also operate low-floor trams from Zhuzhou Electric Locomotive Co., Ltd. that are fitted with anti-buckling systems from Liebherr-Transportation Systems in other medium to large Chinese cities in future.

Liebherr-Transportation Systems – Renowned Manufacturer of Railway Technology

Liebherr-Aerospace & Transportation SAS in Toulouse (France) is one of eleven divisional control companies in the Liebherr Group and coordinates all activities in the fields of transportation and aviation equipment. It employs around 4,900 people worldwide.

Liebherr's transportation systems division deals with air conditioning, hydraulic actuation systems and electronic components for rail vehicles of all kinds, and is backed by many years of experience in the development and manufacture of these technologies. In addition to its own sales and service centers, the division has access to the Group's development and service facilities around the world. This global set-up means that Liebherr-Transportation Systems is there for its customers wherever they may be.

Captions

huainan-tram-copyright-zhuzhou-electric-locomotive-2015.jpg

The low-floor tram in Huainan (China) is equipped with the anti-buckling system by Liebherr-Transportation Systems

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Published by

Liebherr-Aerospace & Transportation SAS

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