

Liebherr to Supply Anti-Buckling Systems to Tangshan Railway Vehicles in China

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Liebherr-Transportation Systems was recently selected by Tangshan Railway Vehicle Co. Ltd. (Tangshan, China) to supply anti-buckling systems for low-floor trams.

The hydraulic anti-buckling system assures that the specified clearance profile is maintained under all operating conditions which may be encountered. As this function is classified as being safety-critical, the system is also monitored by an electronic circuit (known as the BK3 controller) integrated by Liebherr. The Liebherr anti-buckling system substantially improves ride comfort and reduces wear on the wheels, as the carriage bogies are connected by a shared hydraulic coupling.

A prototype vehicle has already been equipped with the buckling protection system. Between now and the end of the year, this will undergo trials. After that, series production of the systems for low-floor trams will start in Tangshan. In the future, these trams are also to be employed in other medium-size and larger cities in China.

Liebherr-Transportation Systems – Renowned Manufacturer of Railway Technology

Liebherr-Aerospace & Transportation SAS in Toulouse (France) is one of ten divisional control companies in the Liebherr Group and coordinates all activities in the fields of transportation and aviation equipment. It employs over 4,000 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 ready to serve its customers wherever they may be.

Captions

liebherr-tangshan-railway-vehicles-anti-buckling-system-300dpi.jpg:

Anti-Buckling System by Liebherr-Transportation Systems

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