

## **Liebherr-Transportation Systems to Supply Battery Cooling Systems for Trams in Nanjing**

**Korneuburg (Austria), December 2014 – Liebherr-Transportation Systems has been contracted by Bombardier to supply 20 cooling systems for PRIMOVE® battery systems.**

Bombardier Transportation GmbH of Mannheim, (Germany), has been selected to supply battery systems for the new tram vehicles in the city of Nanjing, China. The cooling systems ensure that the high-quality lithium ion batteries are operated under optimal thermal conditions. They thus play a vital role in boosting the efficiency and durability of the high-performance electrical batteries, which enable the trams to run largely without overhead power lines. Ultimately, the environmental balance of urban public transport in Nanjing can be substantially improved by Liebherr's cooling systems.

Liebherr will manufacture the systems at its plant in Korneuburg (Austria) and will deliver them to the customer by the end of this year. After the power units have been completed at Bombardier's production facilities in Mannheim, they will be transferred together with the cooling systems to Puzhen (China). There, under the auspices of the Chinese vehicle manufacturer China South Locomotive and Rolling Stock Industry (Group) Corporation (CSR), they will be installed in the final assembly of the trams.

### **Liebherr-Aerospace is a leading supplier of systems for the aviation industry**

Liebherr-Aerospace & Transportation SAS, Toulouse (France), is one of eleven divisional control companies within the Liebherr Group and coordinates all activities in the aerospace and transportation systems sectors.

Liebherr-Aerospace is a leading supplier of systems for the aviation industry and has more than five decades of experience in this field. The range of aviation equipment produced by Liebherr for the civil and military sectors includes flight control and actuation systems, landing gear and air management systems. These systems are deployed in wide-bodied aircraft, single aisle and regional aircraft, business jets,

combat aircraft, military transporters, military training aircraft, civil helicopters and combat helicopters.

Liebherr's aerospace and transportation systems division employs around 4,900 people. It has four aviation equipment production plants at Lindenberg (Germany), Toulouse (France), Guaratinguetá (Brazil) and Nizhny Novgorod (Russia). These production sites offer a worldwide service with additional customer service centers in Saline (Michigan/USA), Seattle (Washington/USA), Wichita (Kansas/USA), Montréal (Canada), Sao José dos Campos (Brazil), Hamburg (Germany), Moscow (Russia), Dubai (UAE), Singapore and Shanghai (People's Republic of China).

### **Captions**

Liebherr\_Cooling System\_Tram Nanjing.jpg

The cooling system was developed and is manufactured by Liebherr-Transportation Systems in Korneuburg, Austria.

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