

Liebherr to Supply Prototype Fresh Air Control System for Flexity Tram at Berliner Verkehrsbetriebe

Korneuburg (Austria), March 2015 – Liebherr-Transportation Systems has been contracted by Berliner Verkehrsbetriebe (BVG) to equip a tram of the type Flexity with a so-called occupancy-dependent fresh air control system for test purposes.

The company will equip a three-section vehicle of the type Flexity with the prototype of an occupancy-dependent fresh air control system and test the technology over a period of one year. The innovative system enables the fresh air intake into the passenger compartment to be regulated according to the occupancy level, i.e. the number of passengers on board the vehicle. The occupancy level is measured by CO₂ sensors.

Previously, Liebherr had mathematically verified the efficiency of the technology. The occupancy-dependent fresh air control system can reduce the energy consumption of the air conditioning systems in the vehicle by up to 13%. If the tests are successful, BVG will have the option of ordering further units for retrofitting in the entire fleet.

The order from BVG underlines the competence of Liebherr-Transportation Systems when it comes to optimizing the energy consumption of vehicles already in operation.

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.

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