

Liebherr to Supply Roll Coupling Components for Combino Low-Floor Trams in Potsdam

April 2017 – Liebherr-Transportation Systems has received an order from Siemens AG, Vienna (Austria) to supply roll coupling components for eight Combino low-floor trams. The trams will be operated by Verkehrsbetriebe Potsdam GmbH, Potsdam (Germany). The order comprises a total of 48 control cylinders, 24 hydraulic accumulators and 24 stop valves, and will be delivered by the end of 2017.

Each of the eight trams is being extended from five to seven cars. The hydraulically coupled roll joints were developed in collaboration by Siemens and Liebherr. On uneven or winding tracks, they reduce the stress on the car body structure and the chassis by allowing rotary movements between the cars. A patented circuit configuration automatically corrects misalignments. Extending the vehicles increases the torsion along their entire length when driving on bends in the tracks. The roll coupling system absorbs torsion in the joints, reducing the stress on the car body structure.

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 5,200 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.

Caption

7-Teiler im Depot-Copyright-Siemens AG.jpg

The seven-car Combino low-floor trams will be equipped with roll coupling components from Liebherr. © Siemens AG

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