

### **Liebherr Selected to Equip Light Rail Vehicles in San Francisco**

**April 2016 – Liebherr-Transportation Systems has been selected by Siemens to supply upper articulation connection units for their new light rail vehicles, which will operate in San Francisco, California (USA).**

The contract order comprises 215 car sets and additional 45 car sets as an option for the light rail vehicles which Siemens will build at its rail manufacturing hub in Sacramento, California (USA). These vehicles will be operated by the San Francisco Municipal Transportation Agency (SFMTA) on the lines connecting the neighborhoods of San Francisco. The deliveries of the upper articulation connections units to Siemens will start in 2016.

The upper articulation connection is a special hydraulic spring, which is integrated in a very compact space envelope above the articulation between two car body segments. Due to its design, the spring always brings the car bodies from different roll angles back to the neutral position. The spring force in the upper link limits wheel unloading and enhances ride comfort in curves.

Liebherr-Transportation Systems and Siemens have a long-term partnership and this contract constitutes the first Liebherr order for a U.S. Siemens project.

### **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**

liebherr-upper-articulation-connection-unit-Siemens-SFMTA.jpg

Upper articulation connection unit by Liebherr-Transportation Systems - © Liebherr

light-rail-vehicle-siemens-san-francisco-Copyright-Siemens.jpg

New Light Rail Vehicle in San Francisco, California (USA) – © Siemens

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