

Press Release

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46 light rail vehicles for üstra Hannoversche Verkehrsbetriebe

Hanover mass transit operator üstra Hannoversche Verkehrsbetriebe has taken up its second option for a further 46 Type TW3000 light rail vehicles. Delivery of all 146 units will probably be completed by the end of 2019. The high-floor LRVs are already in use on lines 3, 4 and 7 and an increasingly familiar feature of the urban landscape.

The TW300 LRVs are gradually replacing their Type TW6000 predecessors. The vehicles are designed to respond to the needs of modern and sustainable mass transit operations. With a secure driver's cab, these light rail vehicles are built to a state-of-the-art concept, featuring for example special impact absorption and crash elements for greater passenger safety. Innovative HVAC technology and an ingenious lighting concept (warm yellow for cold days, cool blue for hot days and soothing green for vehicles on event shuttle services) generate a sense of well-being among the passengers and offer a high level of comfort. The initial order for a total of 50 LRVs was received in April 2011. After already exercising an option for a further 50 vehicles, Üstra is now taking up its second option for 46 units.

As consortium lead manager, Kiepe Electric is responsible for all of the electrical systems as well as the complete car body. With the complete drive technology and on-board power system from Kiepe Electric, these light rail vehicles feature electrical engineering that is both reliable and sophisticated. The scope of supply also covers the HVAC system for the entire passenger room and driver's cab. Alstom supplies the bogies which, with their rubber-sprung wheels, make for lower noise emissions.

Caption: Light rail vehicles in Hanover | © Dieter Larass

Knorr-Bremse is a leading manufacturer of braking systems and supplier of additional sub-systems for rail and commercial vehicles, with sales totaling approximately EUR 5.5 billion in 2016. Some 25,000 employees develop, manufacture, and service braking, entrance, control, and energy supply systems, HVAC and driver assistance systems, as well as powertrain-related solutions. As a technology leader, through its products the company has been making a decisive contribution to greater safety by road and rail since 1905. Every day, more than one billion people around the world put their trust in systems made by Knorr-Bremse.

Knorr-Bremse subsidiary Kiepe Electric, based in Düsseldorf, Germany, is a globally active supplier of electrical systems to the leading rail vehicle and bus manufacturers. The company offers efficient solutions and ecologically sustainable concepts for low-emission public transportation with eco-friendly electrical equipment for light rail vehicles, metros and regional rail networks as well as for battery, trolley and In Motion Charging (IMC) buses.

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