

Press Release

Munich, February 14, 2018

Knorr-Bremse: Railway signalling systems from Zelisko for greater safety along the tracks and at level crossings

When the paths of trains and road vehicles converge at level crossings, the potential hazards are substantial. Reducing this level of risk has long been a prime concern of Dr. techn. Josef Zelisko GmbH, a company founded in Mödling, Austria in 1918. Part of the Knorr-Bremse Group since 1988, Zelisko has been manufacturing signalling systems for railways for the past 60 years and more.

Robust, durable and dependable – that is what rail operators around the world expect of the signals along their tracks and the safety systems at their level crossings. “The fully electronic computer-controlled level crossing protection technology that we have developed offers great reliability and long-term availability,” says Christian Weiß, Head of Signalling Systems at Zelisko. “In Austria and Poland, some 260 level crossings are already protected by this technology, making them as safe as possible for all road and rail users.”

Major order from Poland

Polish rail operators in particular are opting for quality from Austria. Beating off international competitors, Zelisko recently won the contract to supply more than 90 level crossing protection systems. This represents the largest single order ever. In the future, these systems will ensure the safety of road users along the line from Warsaw to Lublin. Similar systems have been installed on the Poznan to Warsaw route since 2015.

LED signals for Romania

LED signals require much less energy than conventional signals based on incandescent lamps and offer far longer service lives. With maintenance intervals of around 15 years compared to some two years for conventional signals, LED signals represent a worthwhile investment for track operators and also reduce the raw-material uptake. Around the world, some 50,000 LED signals from Zelisko are already in operation. This reference base – along with the company’s expertise in adapting its products to national market needs – recently led to a major order from Romania for the supply of 3,000 LED signals. This marks the onset of long-term collaboration with the national rail authority and will further consolidate Zelisko’s leading position in this important segment.

“As we develop our products, we focus not least on supplying our international customers with future-proof technology,” says Zelisko Managing Director Manfred Reisner. “We attach great importance to resource-efficient production and to the durability of our products. In this way, as well as through longer maintenance intervals and the reduced use of consumables, we are also helping to protect the environment.”

Caption: Level crossing protection systems from Zelisko reduce the level of risk where road and rail traffic converge. | © Dr. techn. Josef Zelisko GmbH

Knorr-Bremse is the leading manufacturer of braking systems and supplier of additional sub-systems for rail and commercial vehicles, with sales totaling over EUR 6 billion in 2017. In 30 countries, some 28,000 employees develop, manufacture, and service braking, entrance, control, and energy supply systems, HVAC and driver assistance systems, as well as steering systems, and powertrain and transmission control 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.

Knorr-Bremse Austria is a wholly-owned subsidiary of Knorr-Bremse AG with some 800 employees. The company's Mödling site hosts development, production and sales of rail vehicle braking systems, sanding systems and windscreen wiper and washing systems, as well as sales of braking systems for commercial vehicles. At the Kematen/Ybbs site, entrance systems for rail vehicles are developed and marketed under the IFE brand name. Subsidiary Dr. techn. Josef Zelisko Fabrik für Elektrotechnik und Maschinenbau GmbH in Mödling with over 200 employees handles development, production and sales of products and systems in the transportation and energy sectors, such as traffic management systems, railway safety systems, current and voltage transformers.

Contact:

Alexandra E. Bufe
Head of Corporate Communications
Tel: +49 (0)89 3547 1402
E-mail: alexandra.bufe@knorr-bremse.com

Knorr-Bremse AG
Moosacher Straße 80
D-80809 München
www.knorr-bremse.com

Eva Doppler
Deputy Head of Corporate Communications
Tel: +49 (0)89 3547 1498
E-mail: eva.doppler@knorr-bremse.com

Knorr-Bremse AG
Moosacher Str. 80
D-80809 München
www.knorr-bremse.com