

Hitachi Rail engages HÜBNER for ETR1000 trains

High-speed gangways from HÜBNER will bring energy savings for Italy

Kassel, Germany (6 February 2025). HÜBNER Group signed with Hitachi Rail a contract to supply the delivery of up to 280 gangway systems between 2025 and 2029. The highly aerodynamic gangways from HÜBNER will be used in new high-speed trains of the type ETR1000.

With a design speed of up to 360 km/h, while running quietly, smoothly and with excellent energy efficiency

These trains are designed to travel at up to 360 km per hour and are known in Italy as Frecciarossa – the Red Arrow – because of their characteristic red paint. That the ETR1000 trains from Hitachi Rail are able to run so quietly and smoothly and with such impressive energy efficiency also has to do with the HÜBNER gangway systems that will be installed.

The key component in the gangways are the distinctive corrugated bellows with their aerodynamic fairing technology. These bellows fit flush with the overall contour of the vehicle, thereby reducing air resistance significantly.

“The fairing system increases the riding comfort of passengers by reducing noise levels,” explains **Carmine Giordano, Site Manager of HÜBNER Italia**. *“At the same time, our gangway systems also ensure that the ETR1000 trains use less energy during operation. We are very pleased that our partner Hitachi Rail continues to be convinced of the technological advantages provided by our gangways.”*

ETR1000 trains are equipped with high-speed gangways from HÜBNER since 2010

Hitachi Rail has equipped its trains for Trenitalia with the innovative HÜBNER gangways since 2010. These trains are in daily operation in Italy and in Spain. The high-speed trains make an important contribution in bringing commuters to their destinations in major cities quickly, safely and reliably. Now Trenitalia has placed an order to Hitachi Rail for additional vehicles.

ETR1000 trains in operation throughout Europe

The new ETR1000 trains are primarily intended for the Italian high-speed network. HÜBNER will be delivering the gangway systems from 2025 to 2029 for the trains that will be in use in Italy as well as on high-speed routes throughout Europe.

“We are proud that Hitachi Rail will be continuing this successful partnership with us,” said **Ignazio Rizzo, Key Account Manager at HÜBNER**. The signing of the deal confirms HÜBNER’s leading role in the customer’s high-

speed segment. *“At the same time, we are able to underline our overall expertise in the high-speed sector.”*

Caption: With HÜBNER gangways: Hitachi Rail presented the high-speed train ETR1000 at InnoTrans 2024 in Berlin. Photo: HÜBNER Group/Christof Rieken

HÜBNER Group

Mobility. Materials. Photonics. | united by passion.

With its business divisions **Mobility Rail, Mobility Road, Material Solutions** and **Photonics**, the HÜBNER Group is a global system supplier for the mobility sector, for manufacturing, and for life sciences and research applications. HÜBNER is the worldwide leader in gangway systems for rail vehicles and buses as well as a supplier of chassis technology, cockpit display solutions and door sealing and safety profiles. The company is also an internationally recognized supplier of sophisticated solutions involving elastomers, insulation and composite materials. HÜBNER's business unit for laser technology is developing successfully, featuring applications for cancer diagnostics, holography and spectroscopy, for example.

In 2023, the HÜBNER Group generated sales of approximately €472 million, with approximately 3,500 employees worldwide. In addition to its headquarters in Kassel, Germany, HÜBNER is present with approximately 30 locations around the world.

www.hubner-group.com

Press contact:

Claas Michaelis
HÜBNER GmbH & Co. KG
Heinrich-Hertz-Str. 2

34123 Kassel, Germany

Tel. +49 561 998-1710
press@hubner-group.com