

Refurbishment of UIC-561-compatible gangway halves

## Sustainable: HÜBNER develops customized repair concepts for all systems

**Kassel (June 18, 2024). Customer-oriented solutions even for unusual products: The HÜBNER Group is currently updating UIC-561-compatible gangway halves for an Italian train operator as part of a refurbishment project. What's special: unlike many other systems, the gangway halves only have small bellow components and instead consist of an aluminum frame and rubber beads.**

### Unique on the market to date: the assembly-based repair solution

In these systems, the individual and technically very complex assemblies are attached to the aluminum frame, which HÜBNER now refurbishes in a resource-saving manner. The After Sales & Service business unit at the Kassel location has designed a unique repair solution for this purpose. Over the past 1.5 years, HÜBNER specialists have tested and dismantled the technically very complex UIC-compatible gangway halves and developed an assembly-based repair concept.

*“With the new repair concept for UIC-561-compatible gangways, we have broadened the HÜBNER portfolio even further than before,” says **Sebastian Harz, Head of Service & Refurbishment Solutions for the After Sales & Service unit in the Mobility Rail division at the HÜBNER location in Kassel.** “Refurbishing gangway systems after around 15 years in operation is the better alternative. After all, purchasing a new system is neither cost-effective for operators nor environmentally friendly. Regardless of the respective technical basis, we develop repair solutions for the various gangway models and support customers in a sustainable and future-oriented manner with tailor-made concepts.”*

### A technically customized solution for another gangway model

HÜBNER's After Sales & Service business unit is already working on systems from market competitors besides the gangways already supplied by HÜBNER as original equipment. With the newly developed concept for UIC-561-compatible gangways, a further technical solution has now been introduced to the portfolio that meets the requirements for passenger coaches of the international railroad association Union internationale des chemins de fer (UIC) before and after refurbishment.

*“The HÜBNER concept facilitates demand-oriented repairs, even for technically complex and heavy components,” explains **Manuel Kurzrock, Regional Sales Manager After Sales & Service.** “In this way, we offer transparent, cost-effective repairs extending the product life cycle and paying off for our customers in the long term.”* The repair strategy stipulates that only defective, aged parts, or parts in need of repair must be repaired on the pressure-tested and comfort-enhanced gangway halves. Of course, the UIC specifications are observed.



### Replacing only what is necessary whilst reusing as much as possible

*“The core of our refurbishment approach is to replace only what is necessary – and to reuse as many components as possible. This makes HÜBNER refurbishments as efficient as possible for our customers. Our decades of technical experience enable us to offer this approach for technically complex systems, but also for competitor projects,”* explains **Sebastian Harz**.

### Only as needed: simply replace assemblies

First, HÜBNER subjects the UIC-compatible gangway halves to a precise condition analysis and subsequently derives the necessary repair packages. *“By informing customers about the results and jointly agreeing the necessary or recommended repair packages, there is transparency at all times,”* emphasizes **Manuel Kurzrock**.

The gangway half is divided into its main assemblies. If further repairs are required during the assessment, the HÜBNER Group also offers optional additional repair packages.

### Full service for the customer: The all-round carefree project process

This is also typical of HÜBNER: The service includes collecting the relevant gangway halves at the customer's premises. *“If required, we also train our customers' workshop personnel for the removal and installation, while carrying out a professional condition assessment to identify the necessary repairs,”* says **Manuel Kurzrock**.

After approval, a train set is repaired by the specialists at the Kassel site within the agreed customer-oriented throughput time. Shipping is carried out by HÜBNER.

Find out more about the After Sales & Service business unit of the HÜBNER Group: <https://www.hubner-group.com/en/service/railway/>

## HÜBNER Group

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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 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 more than 30 locations around the world.

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