

Busworld Europe 2025: Making Mobility Happen. Together with you!

## HÜBNER Group with new products for greater sustainability and comfort

Brussels / Kassel (28 August 2025). A strong partner throughout the entire product life cycle: The HÜBNER Group will be presenting new products and solutions for high-performance operation and sustainable management of buses and commercial vehicles at Busworld Europe in Brussels (4 - 9 October 2025) in Hall 7, Booth 755. Full information and details about the company's Busworld activities at: [www.hubner-group.com/busworldeurope](http://www.hubner-group.com/busworldeurope)

- Innovations for the complete system "1.60 Meters of the Bus": weight-reduced articulation *HNGK 28.2*, newly developed folding bellows material *Ecoflex*, new illumination and design concepts
- Holographic applications for buses in public transport
- *SensIQ* sets new standards for door safety systems
- Proactive HÜBNER Service for fast and reliable support
- *Spring-by-Wire* – The future of E-mobility without compressed air

### Solutions and services for the complete product life cycle

*"Our slogan for Busworld Europe 'Making Mobility Happen. Together with you!' makes it clear that we support and stand by our customers throughout the entire product life cycle with a wide range of intelligent solutions and customized services," says Uwe Bittroff, Managing Director of the HÜBNER Group with responsibility for the Mobility Road division. "Our aim is for bus manufacturers and transit operators to benefit from the HÜBNER Group as a strong partner."*

At the world's most important trade fair for the bus industry, the HÜBNER Group will be showcasing its comprehensive product portfolio. This ranges from HÜBNER's proven folding bellows and articulation systems, to door safety and sealing systems with finger protection profiles, to convenient ramp and lift entry systems, to insulation components, to chassis solutions for suspension, damping and steering.

### Innovations for the articulation system – "1.60 Meters of the Bus"

Ready for installation by bus manufacturers, HÜBNER systems have been connecting the passenger areas of articulated buses for decades. Several innovations for this complete system "1.60 Meters of the Bus" will be on display at Booth 755 in Hall 7:

- A new development is the weight-reduced bus articulation *HNGK 28.2*, which is as much 42 percent lighter than the previous standard model. In addition to its proven and convenient ease of maintenance, the new unit provides increased ground clearance for the bus.

- **With its new folding bellows material *Ecoflex***, HÜBNER is presenting a fabric that sets new standards in fire protection as well as sustainability and insulation performance. In combination with a new inner bellows, *Ecoflex* stands out for its thermal and acoustic insulation properties, which optimize noise levels and energy consumption at the same time.
- Articulated buses also shine in a new light thanks to HÜBNER's **translucent bellows fabrics available in a wide range of colors and with integrated lighting elements** for increased passenger comfort and a feel-good atmosphere in the bus. HÜBNER offers lighting solutions that are directly installed in the folding bellows – in flexible configurations in accordance with customer requirements. These new design elements – included in the middle frame or directly in the folding bellows – can be easily retrofitted in existing systems and are also simple to maintain.

### More than 100,000 systems successfully on the market

*"We are working with the experience that comes from having more than 100,000 systems successfully in the market," explains **Tim Dortans, Vice President Global Sales Mobility Road of the HÜBNER Group**. "On this basis, the HÜBNER Group with its strong network of companies is continuously developing new improvements for greater sustainability and driving comfort. We develop **future-oriented components and customized systems** to serve the needs of our customers in the bus and commercial vehicle industry."*

### Looking into the future: Holographic applications for buses

Another HÜBNER highlight at Busworld will be holographic applications for public transport, which HÜBNER is developing together with ZEISS Microoptics. *"We look forward to giving the bus industry a taste of what public transport of the future will feel like with holography," says **Konrad Brimo, Vice President Global Sales Material Solutions at the HÜBNER Group**.*

These innovations include transparent holographic displays that can project information such as arrival and departure times onto windows and doors in the bus, displaying this information directly in the passengers' field of vision. The *Holo Button* enables contactless opening of doors in buses and trains using holography.

### SensIQ sets new standards for door safety systems

With its product family *SensIQ*, HÜBNER is setting new standards for door safety systems. The new models of the *SensIQ* contact line provide even more passenger safety thanks to optimum fire protection. The safety contact strips are compatible with all standard systems in use in public transport.

The new *SensIQ signal Pro* improves the illumination of door systems in buses as well as in rail vehicles. The product uses different signal colors to reliably inform passengers when doors are opening and closing with light

strips that feature particularly even illumination and also contribute to a longer service life for the system.

### Fast and reliable support with proactive service concepts

A new HÜBNER maintenance concept proactively addresses the needs of transit operators as well as manufacturers. It is often the case that vehicle defects are only detected after unusual noises, unexpected error messages or problematic vehicle handling make them apparent. For transit companies, this has the unpleasant result of unplanned downtimes. To meet this problem, HÜBNER is offering new, targeted service packages to minimize downtimes.

*“Comprehensive service is an important element of sustainable mobility, alongside a global production network and solutions for greater energy efficiency,” explains **Uwe Bittroff**. “To reduce unexpected vehicle downtimes, the HÜBNER Group is now offering proactive service in different forms. This way we can help our customers in providing reliable bus transport to their users.”*

### Spare parts in 24 hours

HÜBNER's digitalized Remote Service helps with this by providing fast reaction times to repair requests and speedy delivery of spare parts (24 hours). This is facilitated in part by the customer portal HUBLink that provides online troubleshooting support in the case of defects and transit operators digital support in the continuous optimization of the operation and maintenance of their vehicle fleets.

### Spring-by-Wire – The future of E-mobility without compressed air

The HÜBNER Group company Hemscheidt Fahrwerktechnik has contributed a groundbreaking solution for the future of electromobility with its spring-by-wire system. This system provides hydropneumatic chassis suspension and damping for vehicles in a more efficient alternative that operates without compressed air.

With its compact size, the system will provide significant savings in weight and in the necessary installation space, giving bus manufacturers new possibilities in the design of their vehicles. In addition, spring-by-wire not only simplifies the assembly process in vehicle manufacturing but also makes things simpler all the way through to the after-sales process.

### HÜBNER Group expertise bundled at one booth

The companies of the HÜBNER Group will be presenting their wide-ranging expertise in Brussels with an international team at Booth 755 in Hall 7:

- HÜBNER (Kassel, Germany)
- HEMSCHIEDT Fahrwerktechnik (Haan-Gruiten, Germany)
- V.S.E. – Vehicle Systems Engineering B.V. (Veenendaal, Netherlands)
- ATG Autotechnik (Siek, Germany)
- Plastocell (Schifferstadt, Germany)

A further HÜBNER advantage: Customers benefit from HÜBNER's highly integrated value and supply chain as well as from the extensive network of companies within the Group. As a family-owned company, the HÜBNER Group is independent and is actively doing business around the world through its global network of approximately 30 production and sales locations and subsidiaries. This allows for a high level of production and delivery reliability as well as in-depth technical and interdisciplinary exchange across the transport sector.

Find out more about the HÜBNER Group's activities at Busworld Europe online at: [www.hubner-group.com/busworldeurope/](http://www.hubner-group.com/busworldeurope/)

## HÜBNER Group

**Mobility. Materials. Photonics.** | united by passion.

The HÜBNER Group is a global provider of systems and solutions for the mobility sector, the manufacturing industry, and for the life sciences and research applications. With its four divisions **Mobility Rail, Mobility Rail, Material Solutions** and **Photonics**, HÜBNER is setting standards worldwide and covers a broad spectrum of products and services.

As the world's leading manufacturer of articulation and gangway systems for buses and railway vehicles, HÜBNER ensures safe and flexible connections. In addition, the Group of affiliated companies is a leading developer of chassis technology, cockpit display solutions as well as door safety and sealing systems. The company is also an internationally recognized specialist for sophisticated solutions making use of elastomers such as silicone and EPDM, Polyurethanes as well as for insulation and composite materials and industrial textiles such as coated fabrics. With advanced laser technology products, HÜBNER is successfully active in pioneering fields such as holography, cancer diagnostics, quantum physics and spectroscopy. In 2024, the company generated sales of about €476 million with a staff of approximately 3,500 employees. In addition to its headquarters in Kassel, Germany, HÜBNER is operating at approximately 30 locations around the world.

[www.hubner-group.com](http://www.hubner-group.com)

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