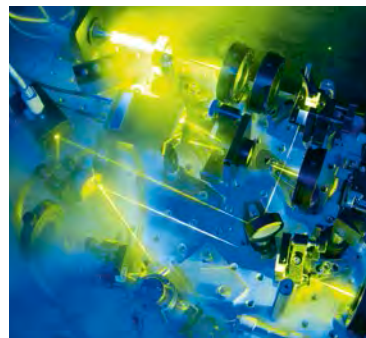


Mobility. Materials. Photonics.

| united by passion.





Dear Customers,

Since its founding in 1946, HÜBNER has established itself as a reliable partner in a diverse range of business areas. Closeness to our customers with innovative solutions and a genuine promise of quality – today these continue to be the characteristics that make our company stand out from others and to win over our customers.

HÜBNER is now the leading company in the field of gangways and door sealing and safety systems for buses and railway vehicles and is developing innovative lasers and laser-based systems in the Photonics business segment. It is our mission to contribute to the continuing success of our customers with customized products. In keeping with this, many of our products are in-house developments which often come to be known as the industry standards. In these endeavors more than 3,300 employees of the HÜBNER Group are employed at more than 30 locations around the world.

We invite you to discover the world of HÜBNER products on the following pages.

The HÜBNER Management Board

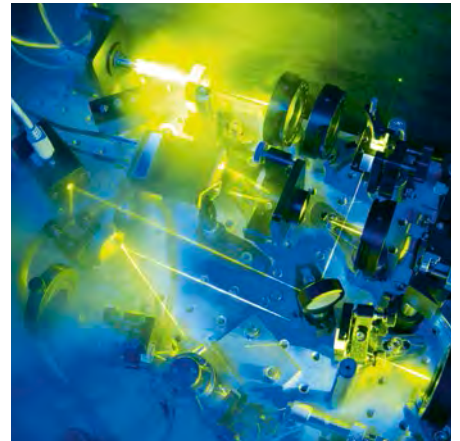
A handwritten signature in black ink, appearing to read 'H. Förster'.

Helge Förster

A handwritten signature in black ink, appearing to read 'Ingolf Cedra'.

Ingolf Cedra

Mobility. Materials. Photonics.



| united by passion.

Since its first beginnings, HÜBNER has been shaped by a spirit of enterprise, inventiveness and innovation. Today it continues to be this same passion for new solutions that drives the company and its employees. Again and again over the years, new concepts for new products and new markets have been developed and implemented.

It is on this basis that HÜBNER has become the company that it is today: A comprehensive system supplier for transportation technology and the world-wide leader for gangway systems (Mobility), a well-recognized specialist for sophisticated elastomer solutions and products, insulation and composite materials (Material Solutions), as well as an up-and-coming company in the field of laser, terahertz and high frequency technologies (Photonics).

This all comes together in our company slogan:

Mobility. Materials. Photonics. | united by passion.



Tradition and innovation, expertise and
passion since 1946



HÜBNER is a company you can count on. From its beginnings in 1946 when Kurt Hübner founded the company with great inventiveness, passion and capability, customers have valued this dependability. Today, HÜBNER products continue to stand out with their high-quality workmanship, their superior comfort and distinctive durability.

This all is made possible through the company's harmonized production standards in place around the world and the highly trained specialists who work for the family-owned company. Expertise, creativity and high-tech materials come together for the manufacture of products that meet the highest standards – as evidenced by approximately 1,000 patents awarded to the company and numerous certifications. HÜBNER is certified, for example, in accordance with the globally recognized standards DIN EN ISO 9001 and DIN EN ISO 14001, among others.

Whether it is a mini-product, a complete system or a whole series – HÜBNER develops and produces customized solutions for its customers, making use of its broad expertise from employees around the world. Research and development has long had an established place in the company culture, which is one of the reasons why HÜBNER is known as a driving force for technological progress in the fields in which it is active.



MATERIAL SOLUTIONS

Material Solutions



Material Solutions | Shaping ideas.

The HÜBNER business segment Material Solutions is the specialist for sophisticated solutions and products made of elastomers, insulation materials and composite materials (FRP). With a clear focus on innovative, technologically challenging products for the mobility sector (Rail & Bus Business Unit) as well as for high-growth markets such as the oil industry, aerospace and healthcare (Industry Business Unit), Material Solutions has sharpened its image and its range of products and services.

The latest examples of the HÜBNER Group's innovative strength and capability in the Material Solutions segment include new functional seals for oil and gas extraction, modern hygiene applications such as a vacuum-sealed soap dispenser made of plastic and silicone, and intelligent door safety systems with integrated sensors for public transport applications. In addition, Material Solutions is the main supplier of the HÜBNER Mobility business segment, providing products and solutions that conform with the demanding fire-safety requirements specified by EN standards for the transportation sector.

HÜBNER possesses extensive knowledge and valuable expertise in the fields of material compounding, processing and combining. And no wonder: Already at the time of its founding, Kurt Hübner laid the foundation for today's worldwide HÜBNER Group with his optimized material solutions for rubber products.

Elastomer solutions **Elasticity with shape retention**

HÜBNER got its start with the repair of conveyor belts and rubber components. Today the company produces a wide ranging spectrum of rubber products – from mini-components to seals weighing several kilograms. The special feature of elastomers such as rubber and silicone is the fact that as industrially processed materials they display both elasticity and shape retention. Elastomer solutions from HÜBNER are used in different industries around the world. For railway vehicles and other vehicles, the company produces window sealing



systems, door profiles and finger protection profiles with integrated sensors. With the acquisition of the Gummi-Welz Group, HÜBNER is also one of the leading companies in the area of door safety and sealing systems for buses and railway vehicles.

Products in the medical technology sector include silicone membranes for dialysis machines. The products for the oil and gas industry are especially robust. They can withstand the extreme weather conditions in offshore settings as well as high pressure or contact with oil. HÜBNER also has many years of experience as an original equipment manufacturer for the defense industry for which it produces diving seals and CBRN-resistant rubber among other products. Docking fenders and rub strakes for boats are also part of the product portfolio.

HÜBNER provides individual elastomer solutions as required by the customer – produced as extruded, fabricated or molded parts. The development department of the family-owned company has decades of experience and more than 600 recipes for rubber compounds that it brings to each new project. The company experts also make use of the latest software as well as in-house toolmaking capacities. With these resources, the company produces molded and extrusions parts, injection-molded corners, rubber-metal and silicone-metal bonded components all in the highest quality. All standard material tests are conducted by highly trained specialists in the company's own in-house research laboratories, including testing for fire-safety requirements.





Plastics technologies

A wide spectrum of sophisticated solutions

HÜBNER is a strong partner wherever sophisticated solutions making use of plastics technologies are required and have to be developed. The company has extensive expertise in the development and production of multi-component products. These solutions not only feature combinations of different thermoplastics, polyurethane and liquid silicone rubber (LSR) but also the joining of metal or rubber.

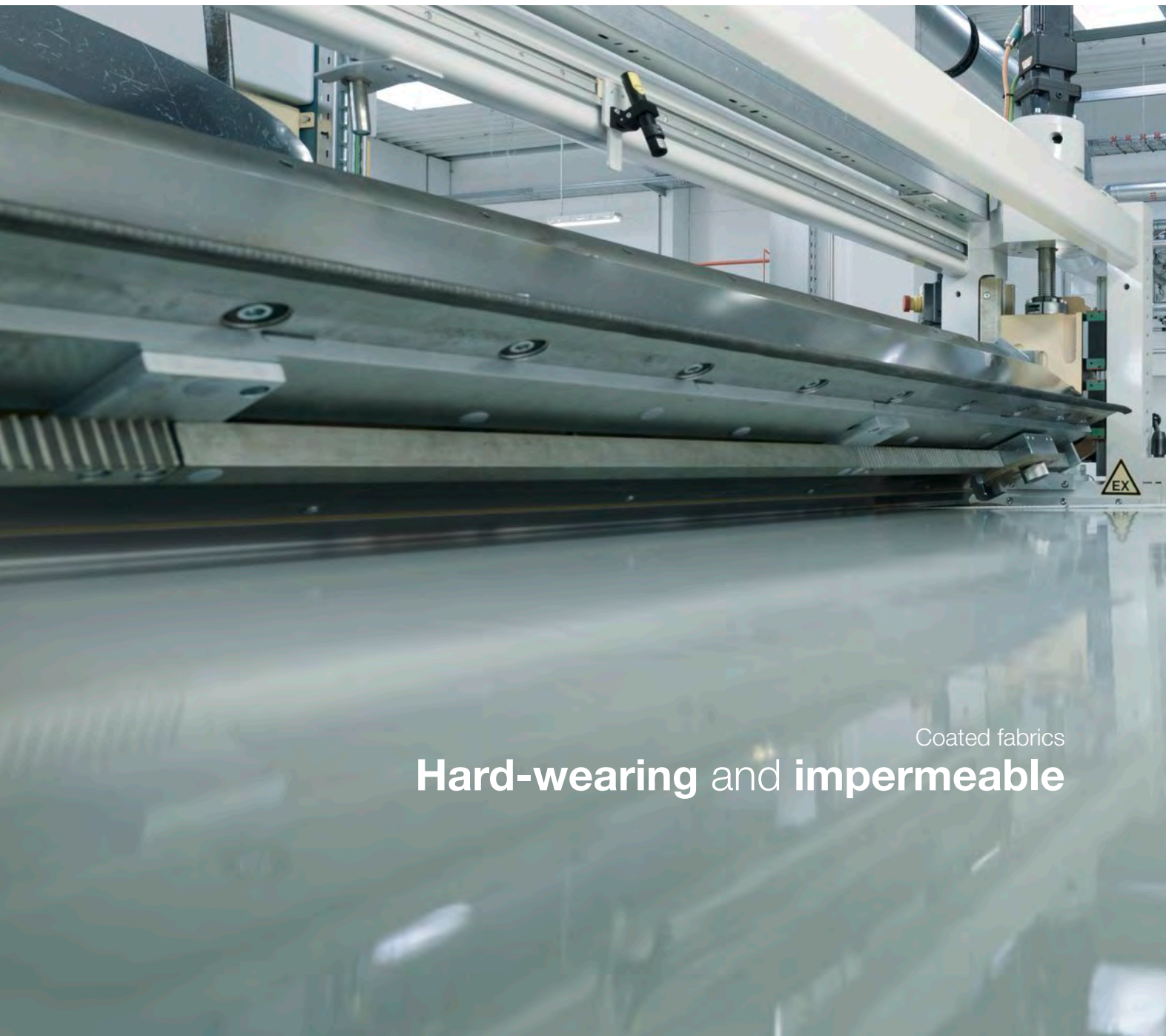


HÜBNER's years of experience in plastics production allow it to provide a level of quality that guarantees long product life as well as the highest standards in the look and feel and the functionality of products. With its broad developmental expertise and in-house simulation and testing processes in combination with its own toolmaking facilities, it is possible for HÜBNER to handle customer wishes in all their diverse and demanding detail. HÜBNER is thus in the position to provide its corporate customers with optimum support throughout the plastics manufacturing process – from the development of molded parts, components or products through the prototype phase to efficient high-end series production.

In the transport sector, HÜBNER develops and produces weight-saving, wear-resistant injection molded plastic parts

such as energy guidance systems, couplings, articulations or parts made of high-performance plastic. With its company Kunststofftechnik Hennigsdorf (KTH) – part of the GWU Group that HÜBNER has recently acquired – German and international railway manufacturers are supplied with high quality paneling systems made of fiber reinforced plastic (FRP). In addition, HÜBNER's subsidiary Plastocell is specialized in the production of high-performance solutions for sound insulation and thermal protection in buses, trains, ships and buildings.

HÜBNER supplies the hygiene market with fully automatic pumps and individually developed, labeled or enhanced dispenser systems. These products as well as other dosing technology solutions are manufactured under clean room conditions.



Coated fabrics

Hard-wearing and impermeable



One of the strengths of PolymerTechnik Ortrand, a company specializing in coating textiles acquired by HÜBNER in 2006, is the wide range of materials it can make use of. It can handle all of the elastomers available on the market including silicone rubber as well as standard fabric types such as polyamide, polyester, cotton, felt and fleece.

In the production process, the elastomers are brought into a liquid form and then the fabrics are coated either through impregnation or brush application. Another processing method is solvent-free coating of fabrics with rubber compounds using calenders.

The material thickness can be adjusted as required by the customer as can the surface structure through vulcanization.

Elastomer-coated fabrics are not only mechanically robust, they also are highly resistant against UV light and other environmental factors. In addition, they provide high flame resistance. This makes them indispensable – particularly for applications with high fire-safety and general safety requirements, for example, for use in buses and railway vehicles. For just this reason, HÜBNER uses materials in its folding bellows predominantly from its own group company.

Polyurethane

Consistency in diversity

Working with the material polyurethane has been an important part of HÜBNER's production activities for decades. And the innovative characteristics of this material continue to be of great value to customers. Whether polyurethane is processed to be soft, highly resistant or flexible, it has successfully demonstrated its versatility over the past decades in all industrial areas.

On the basis of these manifold material characteristics, HÜBNER manufactures products that can fulfill many special requirements. The company has its own development department to prepare special high-grade formulations for individual customer wishes. HÜBNER products are used in applications

ranging from the cushioning on operating tables to the bumpers on vehicles. Polyurethane's robust structure and outstanding durability make it particularly popular with customers – together with its very pleasing look and feel.

In the transport segment, the company has extensive experience in the development of passive safety elements. The individual parts and complete systems bring together passive pedestrian protection with modern vehicle design. In addition, HÜBNER has made a name for itself particularly in the rail transport sector as a specialist for flame resistant products made of polyurethane.





www.hubner-group.com



