



# Your Partner in Fluid Technology

Customer Sectors, Products & Services



# Reliability and Innovation – For Over 50 Years.

For over 50 years, the HBT GROUP has evolved from a regional distributor of hydraulic and pneumatic components into an internationally operating systems provider in fluid technology. With extensive sourcing expertise, in-house production facilities, and a wide range of on-site services – including mobile service vehicles – we offer our customers access to an exceptionally diverse product portfolio.

## What Makes Us a Strong Partner:

- Decades of procurement expertise
- In-house production facilities
- Flexible on-site services
- Tailor-made solutions – from innovative fluid technology products to customized logistics systems

## What We Stand For:

- Collaboration
- Flexibility
- Innovation
- Sustainability
- Quality
- Reliability



## Our Partner Industries and Customer Sectors

- |                                 |                       |
|---------------------------------|-----------------------|
| ▶ Agricultural Technology       | ▶ Municipal Vehicles  |
| ▶ Railway Technology            | ▶ Fire Protection     |
| ▶ Machinery & Plant Engineering | ▶ Mining              |
| ▶ Offshore & Onshore            | ▶ Food Industry       |
| ▶ Construction Machinery        | ▶ Automotive Industry |
| ▶ Oil & Gas Industry            | ▶ Paper Industry      |



## Hydraulics — Our Expertise.

The HBT GROUP offers a versatile and comprehensive range of services in fluid technology. From custom hose assemblies for OEMs and precise tube bending and forming solutions to the procurement of connectors, valves, and drive technology – we deliver components exactly to your specifications. With our expertise in filtration, measurement, and control technology, we help minimize downtime, while our assembly of modules and custom-made parts provide perfectly tailored solutions. Our offering is complemented by fast on-site hydraulic service and logistics solutions tailored precisely to your requirements.

### This Is Our Commitment:

We go beyond the ordinary to serve our customers in the very best possible way – even by opening new locations like in Ventspils to be closer and provide more efficient support.

Certified  
According to  
**ISO 9001:2015**



# Products & Services

Whether technical special parts, custom hose and tube assemblies, or other hydraulic and pneumatic components, the HBT GROUP reliably provides exactly what you need – in the desired quantity and at a fair, market-appropriate price. As a medium-sized, flexible corporate group, the HBT GROUP also offers tailor-made solutions to perfectly address your logistical challenges.

## Hose Assembly Production

The HBT GROUP manufactures high-quality hose assemblies for all industries – from single-unit production to large-scale series. At our locations, we produce around 350,000 hose assemblies per year with maximum flexibility, precisely tailored to your individual requirements:

- ▶ **Large-scale production** at our facility in Latvia to **on-site assembly** in our service vehicles
- ▶ Rigorous in-process **quality controls**
- ▶ Extensive **product testing** on our own test benches, including full documentation
- ▶ Compliance with all relevant DIN, SAE, and EN standards
- ▶ QR code labeling (logistics solutions) including hose management
- ▶ Custom **branding** with your company logo
- ▶ Development of technical solutions tailored to your specific needs



## Tube Assembly Production

Our first-class **bending expertise** in steel, stainless steel, copper, and aluminum tubing – with or without coatings – meets even the most demanding customer requirements. Our **CNC tube bending machines**, equipped with state-of-the-art control technology, meet the **highest quality standards** in both design and processing, enabling us to bend even complex tube geometries with **maximum precision** and minimal lead times.

We manufacture according to samples, drawings, or 3D coordinates. With our Hexagon 3D measuring systems, we not only ensure **precise measurement and inspection** of tubes but can also scan and reproduce bending geometries without existing CAD data. The finished tube assemblies are labeled according to your specifications (e.g., inkjet, laser), and the tube ends can be pre-assembled or reshaped using all common methods upon request. Cleaned tubes are delivered **just-in-time** as needed – even on customer-specific tube racks.





## Connection Technology

Connection elements are essential for the safe and leak-free transfer of media in fluid systems. Our product range includes all standard connection systems along with expert consulting services:

- ▶ Cutting ring fittings made of steel and stainless steel
- ▶ Compression fittings
- ▶ High-pressure adapters made of steel and stainless steel
- ▶ Threaded and weld fittings
- ▶ Quick-release couplings
- ▶ SAE and DIN flanges
- ▶ Pneumatic components (including push-in and compression fittings)



## Valves

Valves control, regulate, or interrupt the flow of fluids and are crucial for the safety of any system. The HBT GROUP supplies you with the appropriate valves made from various materials such as steel, stainless steel, brass, and plastic:

- ▶ High- and low-pressure ball valves
- ▶ Gate valves
- ▶ Check valves
- ▶ Shut-off dampers
- ▶ Strainers

Of course, we automate your valves upon request with electric or pneumatic actuators, including position feedback sensors.



## Fastening Technology

Fastening technology in hydraulics involves ensuring that all components and connections within the system are securely and correctly installed to guarantee safe, reliable, and efficient operation. Proper fastening techniques are critical not only for the overall **functionality** but also for the **safety and long-term durability of any hydraulic system**. The HBT GROUP is your trusted partner for **selecting the appropriate fastening solutions and sourcing the required components**.



## Drive & Valve Technology

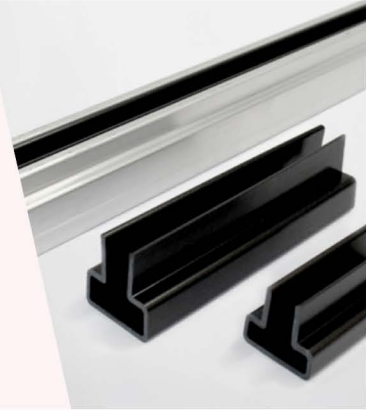
Through our extensive procurement network, including our own manufacturing facilities, we offer you:

- ▶ Motors
- ▶ Hydraulic pumps
- ▶ Hydraulic accumulators
- ▶ Hydraulic valves
- ▶ Cylinders (manufacturing and maintenance)
- ▶ Valve control blocks (custom machined parts)
- ▶ Rolling bearings



## Engineering & Custom Machined Parts

The HBT GROUP supports you in the **engineering of special components** and manages the **procurement** of your custom machined parts. Our own manufacturing capabilities, combined with a broad network of specialized production partners, ensure a **reliable supply of materials**. Thanks to our extensive expertise and well-established processes, we guarantee the **highest quality standards** and timely deliveries. In doing so, we effectively relieve your sourcing department.



## Assembly of Modules

We provide **added value** to our customers by offering **assembly services for modules and components**. With our expertise and precision, we ensure that assemblies are correctly put together and that your system operates flawlessly. We are skilled in interpreting technical documentation, handling complex specifications, and using specialized tools.

Furthermore, we conduct **tests and inspections** during and after assembly to guarantee that your modules meet all functional requirements.



## Filtration

To reliably ensure the long-term performance and operational safety of machinery and equipment, the HBT GROUP offers high-quality filtration systems that set industry-leading standards across all sectors. These solutions help **boost productivity** while significantly **optimizing life-cycle costs**. Our filter solutions are specifically tailored to meet the diverse requirements of various industries and cover a wide range of applications:

- ▶ Machine tools
- ▶ Agricultural and construction machinery
- ▶ Stationary hydraulics
- ▶ Offshore and onshore
- ▶ Power generation
- ▶ Climate technology
- ▶ Coating technology
- ▶ Wood processing

**We offer the following types of filters for all industries:**

- ▶ Hydraulic filters
- ▶ Water filters
- ▶ Cooling lubricant filters
- ▶ Dust extraction filters
- ▶ Air filters







## Measurement & Control Technology

Precise measurement and control technology is essential for the **optimal regulation and monitoring** of your systems. The HBT GROUP supports you with **high-quality components** and **customized solutions** that enable exact measurements of pressure, flow, and temperature. In doing so, we help increase efficiency, minimize downtime, and ensure the **smooth operation of your equipment**.

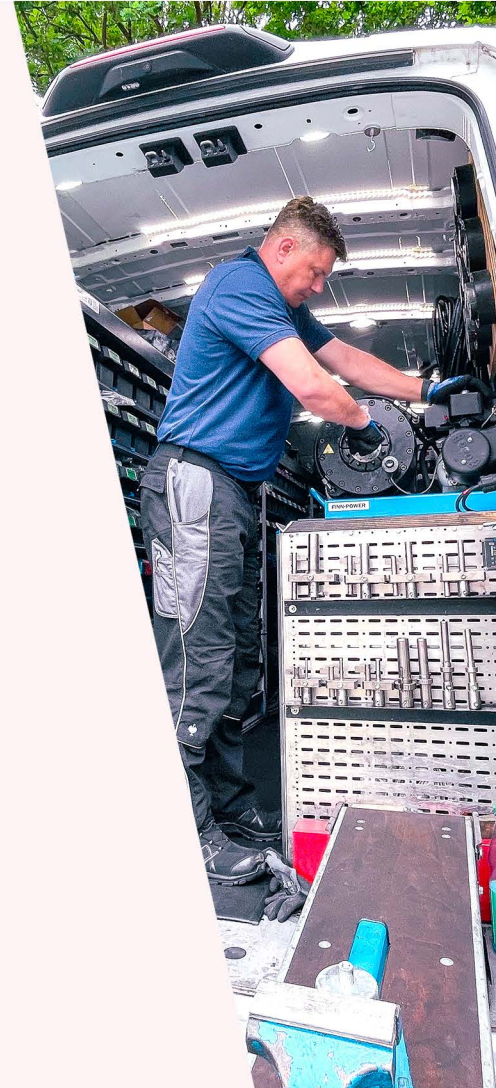
## Hydraulic Service

The HBT GROUP offers a **mobile on-site hydraulic service**. Our service fleet vehicles are ideally equipped for this purpose, enabling the **manufacture and testing of hydraulic hoses** directly at your location. Our experts perform the following services for you on-site:

- ▶ Repair and maintenance
- ▶ Commissioning of systems
- ▶ Pipeline construction
- ▶ Modification of hydraulic systems
- ▶ Oil analysis and condition monitoring
- ▶ Inspections according to DGUV and UVV regulations
- ▶ Hose management with QR technology
- ▶ Accumulator testing according to BetrSichV
- ▶ Training of your personnel

With our own service vehicles, the HBT GROUP is equipped to perform a wide range of **maintenance and repair tasks** directly at your site. This includes preventive maintenance of machines and systems in accordance with the BGR 237 regulation. In this context, we manufacture and assemble hydraulic hoses on-site for prototypes, test setups, and emergency repairs. Our hydraulic service is available in the greater **Hannover, Hildesheim, Salzgitter, and Wolfsburg** areas.

We inspect your hydraulic units for proper function and check your hydraulic oil for contamination, carry out repairs, clean your oil using a bypass filtration system, or refill it as needed, documenting everything according to ISO 4406 (Condition Monitoring). Additionally, we test your accumulators in compliance with DGRL 2014/68/EU.



## Logistics Solutions

Whether set or kit deliveries, express shipping, or direct supply to your production line, the HBT GROUP works with you to develop the ideal logistics concept. A highlight of our offerings is the **KANBAN system**: we provide customized solutions that deliver C-parts, hydraulic hoses, bent pipes, or assemblies **just-in-time** directly to your production floor. Barcode scanning or RFID chips, along with automated data transmission, support the process. Your benefits include:

- ▶ Ensured material availability
- ▶ Reduced administrative effort
- ▶ Minimization of inventory costs
- ▶ Flexible response to changes in demand

# The HBT GROUP is Your Partner – Locally and Internationally.

With five locations – four in Germany and one in Ventspils, Latvia – the HBT GROUP is your reliable partner for high-quality products and solutions in fluid technology. Our decades of experience, combined with cutting-edge technology and personalized consulting, make us the ideal companion for demanding projects.

From the manufacturing of custom hose and tube assemblies to the procurement of suitable components and on-site services, we offer you a comprehensive range of solutions. Our close proximity to customers and our international network enable fast response times and tailor-made solutions.

The HBT GROUP stands for quality, innovation, and customer proximity – and is ready to shape the future of fluid technology with you.

## Our Locations:

- ▶ Großburgwedel (Headquarters)
- ▶ Salzgitter (2 Locations)
- ▶ Alfeld
- ▶ Ventspils, Latvia



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