



# Truck & Bus

Hightech solutions for truck and bus by BPW.



## we think transport

The aim of the BPW Group is to provide the best possible support to our customers in the transport and logistics branch. This involves listening carefully, so as to tailor our responses to your needs in every situation. This means:

**we think transport**

**BPW – the perfect partner for vehicle manufacturers.**

As a system partner for vehicle manufacturers, the BPW Group offers individual and tailored solutions based on a wide portfolio of high-quality running gear systems and services, thus building the foundations of an efficient production process and meeting complex customer requirements.

# Over 110 years of experience in the commercial vehicle sector. Do you need more expertise for durability and quality?

Our deep-rooted know-how as one of the world’s leading suppliers of intelligent transport solutions makes us an extremely competent partner for truck and bus manufacturers.

Given that we offer everything from one single source, you are included in the development process from the very outset, and we can accompany you throughout the entire development, testing and manufacturing phases.

The innovations we develop today can already be implemented in the truck and bus sector tomorrow. On the following pages, we would like to give you an impression of our profound expertise, specialised systems and comprehensive capacities – and of course, our passion – that enable us to fulfil the highest requirements: yours.

As a manufacturer, you can reap multiple benefits from our unique strengths:

## YOUR BENEFITS

- › comprehensive development, testing and manufacturing process from a single source
- › individual solutions for an efficient production process, from raw part to system
- › Supply Chain Management
- › comprehensive expertise and capacities
- › international corporate group

# If you can imagine a component, we can engineer it for you.

For more than a century, we have put our innovative strength and development expertise to the test – with tailored customer solutions.

At BPW, over 100 highly qualified technicians and engineers are dedicated to researching and developing technologies and innovative products. This is why we can provide the entire development process from one single source. From design concepts through finite element analysis to prototype construction with comprehensive product testing and conclusive quality certification.

**The benefits for you:**  
We place paramount importance on professional project management. The standardised product development process is an integral part of the BPW organisation and is secured by the VDA maturity model.



eTransport emission-free electric axle



# Our Test Centre – the toughest test track in the world.

When it comes to the rapid testing of chassis components, our Test Centre gives even the hardest road conditions a run for their money.

## Join us to develop new possibilities:

We record real loads with measuring wheels on various roads and test tracks around the world and create load spectra for inspecting on the test bench.

In a subsequent step, we can also use the established test spectra to provide quick and reliable inspections concerning the operational stability and durability of your running gear components. For this, we are equipped with 30 hydraulic pulse test facilities, a ZWARP test rig and a 12-channel modular test rig.

ZWARP test rig



12-channel modular test rig



test drives



## Partnership – in every respect.

### Metalworking

As a competent technology partner, we are able to quickly and reliably produce high-quality components in both small and large series. We can even execute the most complex processing stages – from turning and drilling through pressing and stamping to milling, grinding and KTL<sub>ZN</sub>-coating.

### Foundry

In the development of grey iron castings we work closely together with our subsidiary M. Busch, a proven international specialist in this field. Applying innovative production processes, we serve as a one-stop shop for materials, manufacturing and logistics.

### Plastic injection moulding

Our subsidiary HBNTeknik is a leader in the plastics technology segment. Our speciality includes innovative solutions in the area of air spring pistons, air tanks, mudwings and anti-spray mud flaps – as a standard or customised solution. Our range of services spans concept development, design and layout, calculation and prototyping, all the way to testing and load simulations.

### Assembly

We assemble individual components in systems – and even offer it in series production. In addition to the conventional market, certified standards, we also implement your specific requirements quickly and economically. Furthermore, we provide customised logistics concepts with individual and intelligent packaging solutions.

## Consistent quality is part of our system.

When it comes ensuring our high quality of standards, we leave nothing to chance. Instead, we combine quality, energy and environmental management with ISO-certified production, continuous inspection and comprehensive documentation. And of course, with cutting-edge manufacturing plants.

The system also includes internal audits, machine capability inspections and process analyses, some using FMEA. The continuous optimisation of processes is ensured through regular evaluations of statistically collected data. Consistent proof of its effectiveness is provided by positive recertification and monitoring audits by the Lloyds Register Quality Assurance (LRQA), in addition to customer audits.





Running gear systems  
for **truck** ...

... and **bus**.





# An individual entrance in the production process. Choose yours.

As a system partner for vehicle manufacturers, BPW not only offers development and testing expertise, but also complete vertical integration. The main advantage for you: there are no system limits and all skills are united under the umbrella of the BPW Group. You have a central

contact person.

The services we can offer you depend on your requirements and production processes. Together, we will find the perfect collaborative partnership.

## INDIVIDUAL COMPONENTS

- › casting/steel
  - mechanical processing
  - KTL<sub>ZN</sub>-coating
- › composite solutions
  - injection moulding
  - mechanical processing



## RAW PARTS

- › spheroidal casting
- › iron casting

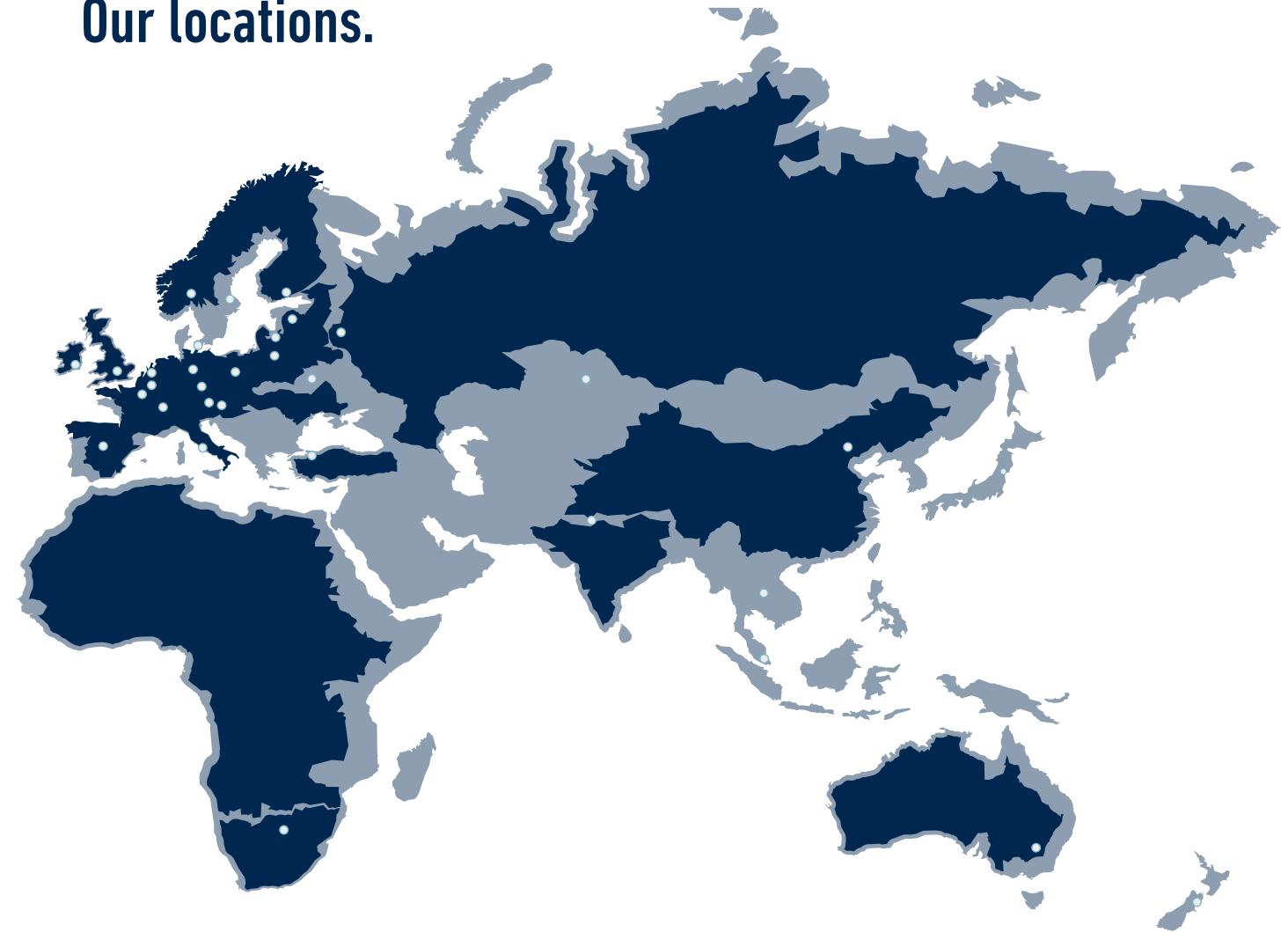
powered by: **M. BUSCH** 

## SYSTEMS / SYSTEM COMPONENTS

- › development
- › testing
- › manufacturing
- › assembly
- › logistics
- › lighting technology



Always there where you need us.  
**Our locations.**





The brands of the BPW Group:



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**we think transport**

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