



# At a glance

Industrial maintenance – manufacturer-independent  
Your competent partner – 24/7

be in motion

# Your competent partner for industrial maintenance



## Baumüller Reparaturwerk

- 90 years of experience and competence
- Three locations in Germany with over 220 qualified employees
- Another 150 employees in action worldwide
- Global presence in the field of industrial maintenance
- Generator maintenance
- Motor maintenance
- Own test facility

**Reactive, preventive and condition-oriented services from a single source.  
Optimized for you. Around the clock. Manufacturer-independent.**

Reliability, speed and absolute flexibility – as a service partner for industry and power generation, we ensure your core processes in production or in the power plant. Our specialists provide assistance at short notice in the event of errors or breakdowns and long-term assistance within the framework of predictive maintenance, servicing and with modern diagnostic systems. Our advantage: From servomotors to generators, we cover all power classes in drive and generator technology.

### Five good reasons for service from Baumüller:

#### **1. Service from a single source –**

We are your service provider for the entire life cycle of your machines and plants.

#### **2. Experts ensure the highest quality –**

Experienced specialists secure your added value with state-of-the-art technology.

**3. Optimize productivity –** Preventive maintenance, condition monitoring and remote diagnostics increase your utilization – no matter whether in production or in the field of power generation.

#### **4. Always working for you –**

If service is required, our service technicians are on site at your premises – around the clock and seven days a week.

#### **5. Global service for international customers –**

A worldwide presence is an important competitive factor in a globalized world – for us and our customers. We offer you a dense network of qualified branches and partners.



## Repair of electrical machines and electronics

From fast and efficient fault analysis to repair and test runs, we guarantee rapid and high-quality repair of drive and generator technology from all leading manufacturers.

### Our service portfolio:

- **Servomotors** – all manufacturers
- **AC/DC motors** – low and medium voltage motors, special models
- **Explosion-protected motors** – certified for pressure-resistant enclosure "d" and for security "e"
- **Electronics** – inverters, servo-controllers
- **Drive and control technology** – also technology discontinued by the manufacturer
- **AC/DC generators** – low and medium voltage generators, special models
- **Transformers** – including oil, dry and cast resin transformers
- **Spindles** – repair, reconditioning and upgrades

**Your advantages:** Time saving through reliable and fast maintenance



## On-site technical service



A dense network of branch offices and partner companies makes it possible to deploy service technicians at short notice around the globe. Your machines and systems are carefully inspected and maintained with the aid of state-of-the-art testing and measuring equipment.

### Our services:

- **Repair, installation and commissioning** – from the component up to the complete system
- **Diagnostics** – modern diagnostic techniques for fast error detection
- **Troubleshooting** – fast and mobile service teams
- **Inspections, revisions and maintenance** – avoid downtimes of your plants and machines
- **Transport logistics** – collection and timely delivery of your components and machines

**Your advantages:** Flexible services ensure low breakdown times of your plants and machines

## Plant modernization (Retrofit)

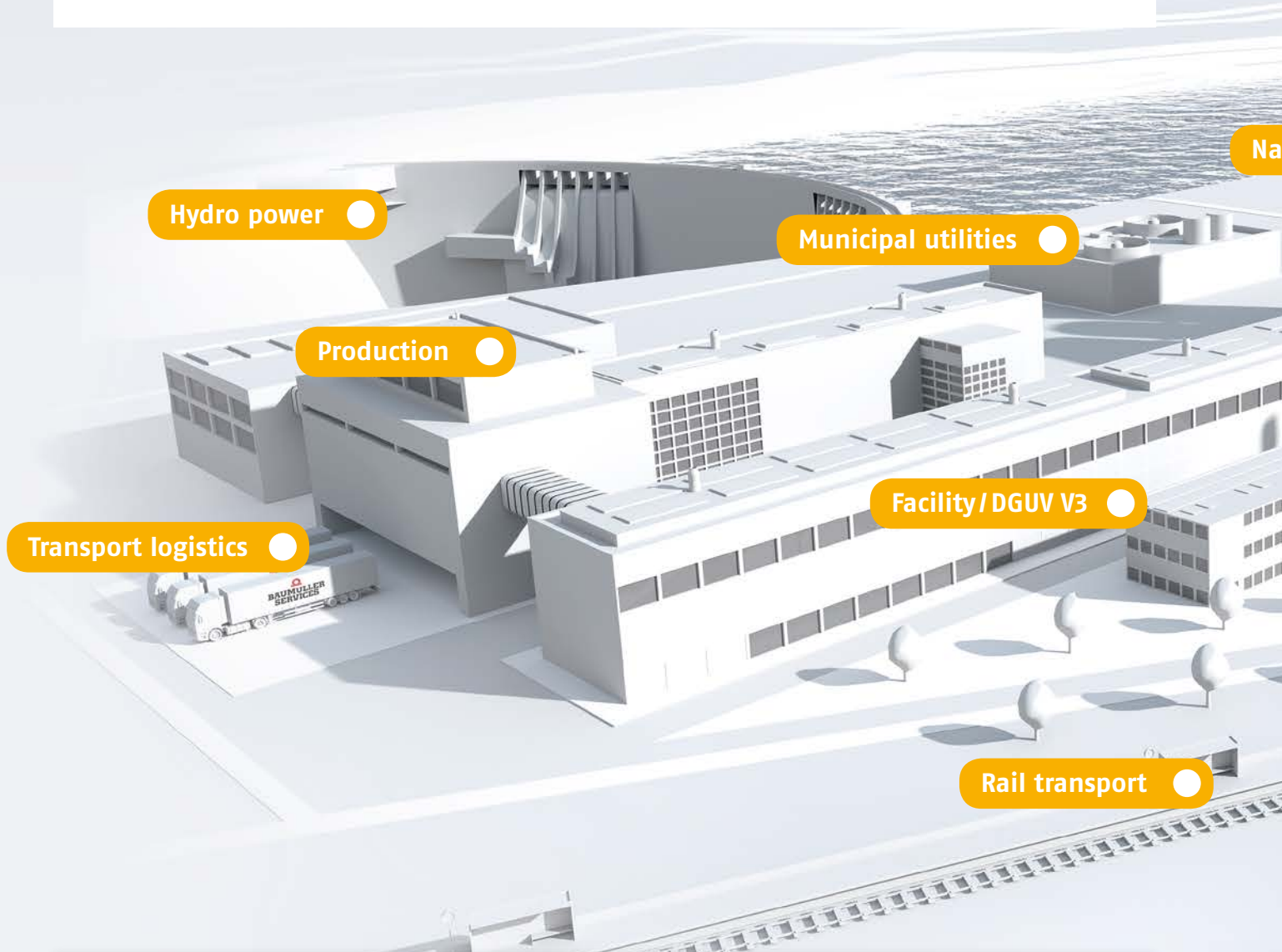
From the replacement of drive components through to the complete overhaul, we make your machines and plants state-of-the-art. We replace discontinued and no longer available components with the latest drive technologies. By request, we create the necessary interfaces to other plant components.

**Your advantages:** Achieve higher efficiency and productivity of your existing machines



# Baumüller Services Solutions

Manufacturer-independent service for electrical machines, motors, generators, transformers and drive technology – 24/7 worldwide



## Replacement and exchange service

Our spare and replacement service ensures the high availability of common wear parts and reduces unnecessary, cost-intensive downtimes. Our experts are available to you around the clock.

### **Short-notice replacement or express production of e.g.:**

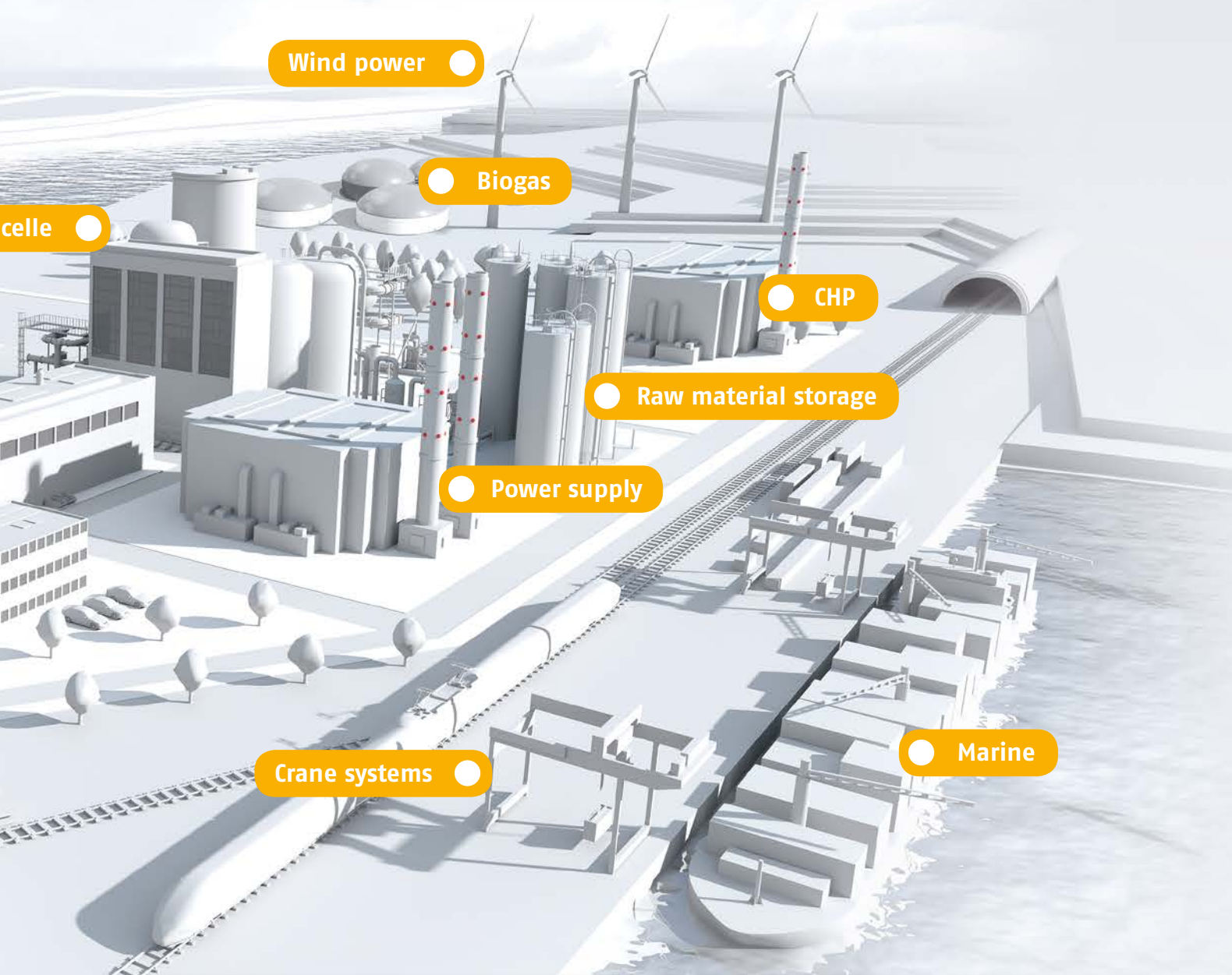
**Replacement drives, replacement controls and AC standard motors**

We offer **customer-specific bearings** with a high availability of spare parts and components. Our **express delivery** guarantees you fast availability worldwide.

**Your advantages: Low downtimes and higher added value through individual service concepts**







## Power supply and machine protection tests (VDE-AR4120 & 4110)



**Power supply and machine protection testing according to VDE and DIN standards, as well as repeat testing according to the German Social Accident Insurance (DGUV)**

We check your protective equipment required by the network operator facilities, including:

- generators and motor protection
- as well as additional tests by request

**Your advantages:** Project and plant safety through certified and high-quality logging and testing

## Predictive maintenance



Low breakdown times thanks to proactive maintenance: Using the latest analysis and monitoring systems, our specialists ensure a high availability of your machines and plants.

### Our services:

- **Bearing and vibration analysis** – monitoring of critical machine parameters
- **Visual methods: Thermography, endoscopy** – testing, also during operation
- **Remote service** – remote maintenance for fast service worldwide
- **Diagnostic measurement of windings** – detailed depth analysis e.g.:  
Partial discharge factor, loss factor/TanDelta, PI, impedance, SFRA measurements for early damage diagnosis
- **Condition monitoring** – permanent state monitoring of your machines
- **Balancing and alignment** – for an ideal operating condition

**Your advantages:** Scheduled service calls and reduced downtimes provide cost savings and improved productivity

## Equipment testing according to BetrSichV/DGUV V3

We take care of the execution and legally compliant documentation of the legally stipulated tests of your electrical systems and devices for you. Our trained electricians are available nationwide with the latest technical equipment.

### We check professionally for:

- **Portable electrical equipment** – e.g. power tools, office equipment
- **Fixed and electrical installations and machines** – e.g. conveyor systems, lathes
- **Stationary installations** – e.g. light strips and lighting, outlets / CEE-socket outlets
- **Special tests** – e.g. e-charging stations, welding equipment

We prepare hazard assessments for you, offer safety-related training courses and support the establishment of a legally compliant testing organization and organization in the field of electrical engineering.

**Your advantages:** Focus on your own core business with legally compliant and timely processing by Baumüller Services



## Thermal cleaning and de-insulation (pyrolysis process)



**De-insulation** of motors, generators and transformers by the gentle pyrolysis process.

**Paint stripping** of motors, motor components, sheet metal, steel parts and attachments, fixtures, gratings, metals, tools, body parts, and much more.

Maximum size (WxHxD): 320 x 240 x 180 cm

**Your advantages:** Time-saving and gentle on materials cleaning of your motors, generators and metal parts



# Baumüller Group Lifecycle management



## Baumüller Lifecycle Management

Technology package

Engineering

Commissioning

Production

Service

As a specialist for drive and automatization technology, the Baumüller Group is your partner in all phases of value creation. Our specialists cover the entire lifecycle of your machines and plants – from engineering to commissioning, from ongoing operation to comprehensive service concepts.

At more than 40 locations worldwide, our experts from companies of the Baumüller Group will support you.

  
**BAUMÜLLER**

  
**BAUMÜLLER  
SERVICES**

  
**BAUMÜLLER**  
ANLAGEN-SYSTEMTECHNIK

**NÜRMONT**

# Baumüller Group worldwide



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