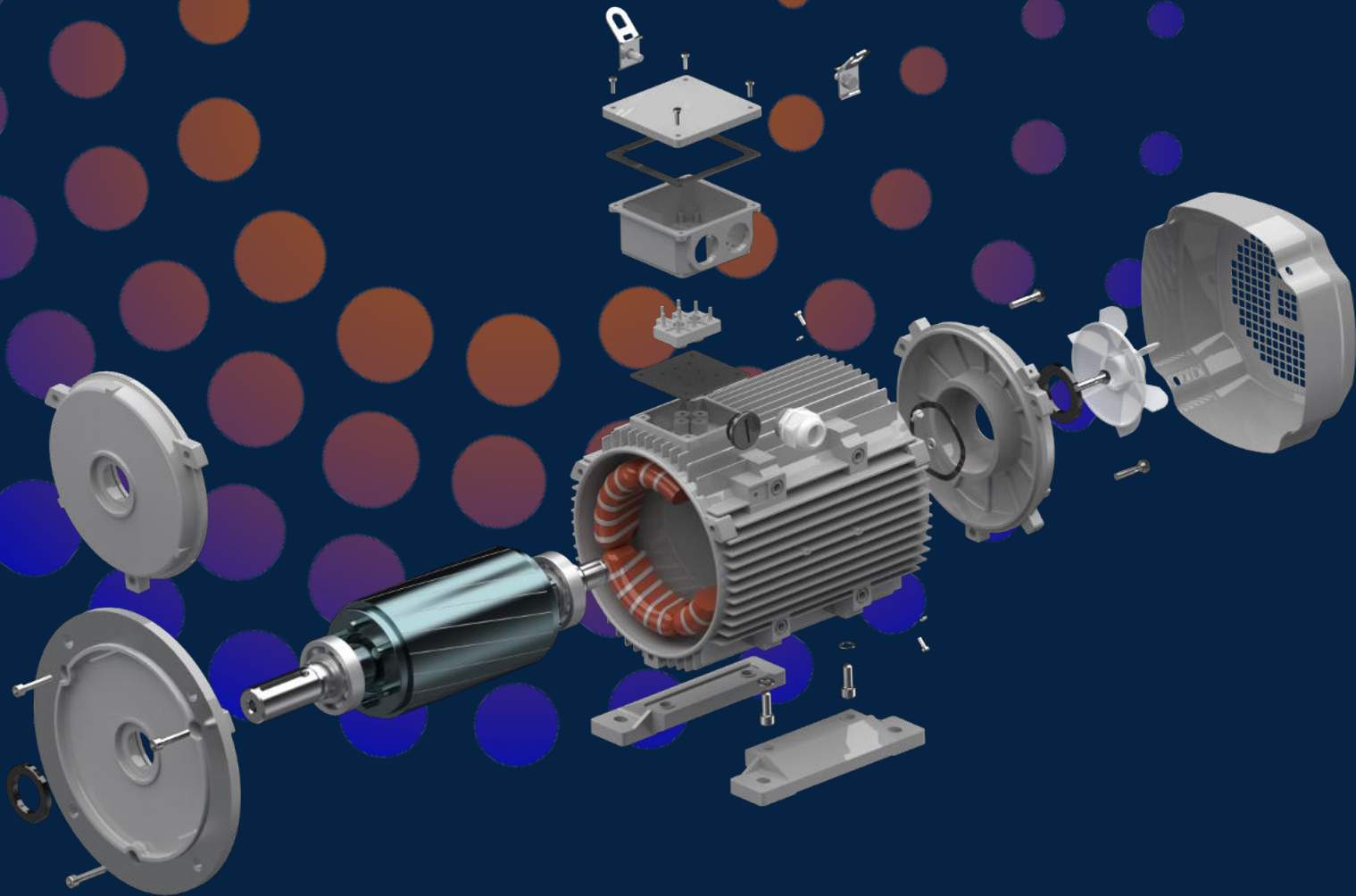


ac motoren





**“Our recipe for success is simple: combine genuine quality products with dynamic services and always be open to the concerns, challenges and development opportunities of our customers, partners and employees.”**



**Timo Klussmann**

CEO



- 
- EFFICIENCY DELIVERED THROUGHOUT EUROPE

# ***WITH FULL POWER FOR YOUR COMPANY'S SUCCESS***

Reliable drive solutions at fair conditions. With this additional benefit, you are ideally equipped to secure the decisive edge in your market environment.

Thanks to our large stock, we can guarantee maximum availability and fast delivery.  
What else do we have in stock? Over 25 years of experience and a whole set of innovative services.  
Unfortunately, there's only one thing we can't offer: Standstill.



## • ABOUT AC MOTORS

# ***BOLD IDEAS FROM THE BEGINNING***

### • Strong roots for more momentum



• Since its developed in 1998, our warehouse has been continuously expanded and extended. From the very beginning, efficient logistics and a special service concept were at the heart of our company. This has led to a steady expansion of our sales area to neighboring European countries. Today, we are able to meet the most diverse requirements in a variety of languages and target areas - with high quality and exceptional pace.





ELECTRIFY  
YOUR SUCCESS.

qc motoren

- **AC FACTS**

**65.000+**

**Motors are available from stock in all sizes and configurations**

What moves your machines is in our warehouse. We supply what drives you and customize electric motors professionally according to your requirements.

**100+**

**Team members for dynamic services**

Our dedicated employees go the extra mile for your project every day.

With our professional expertise, we support you in ensuring that your machines are always running.

**1.800+**

**active customers from all sectors throughout Europe**

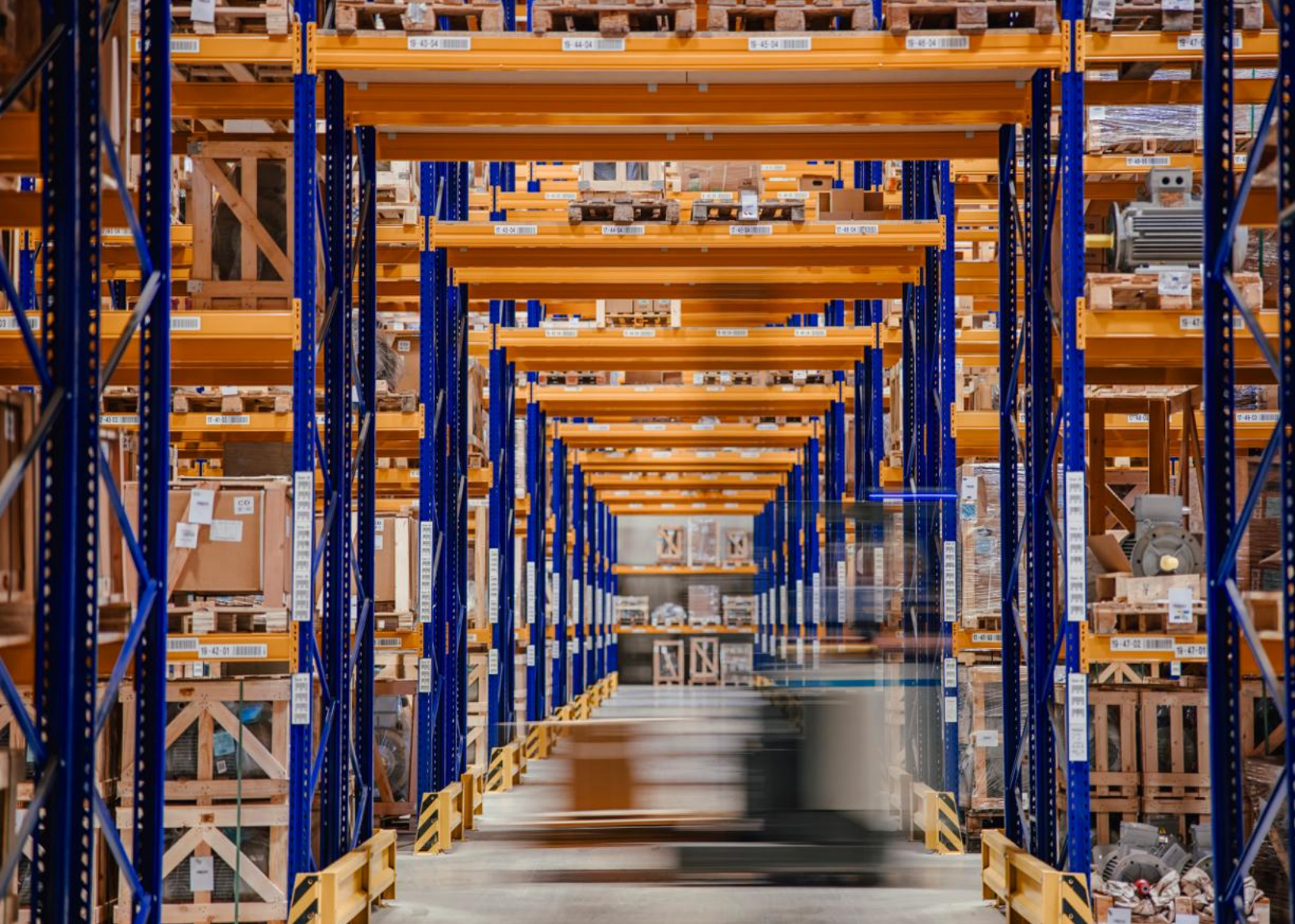
Our prompt response times and short delivery times make us a reliable partner for our customers, even in challenging project situations.

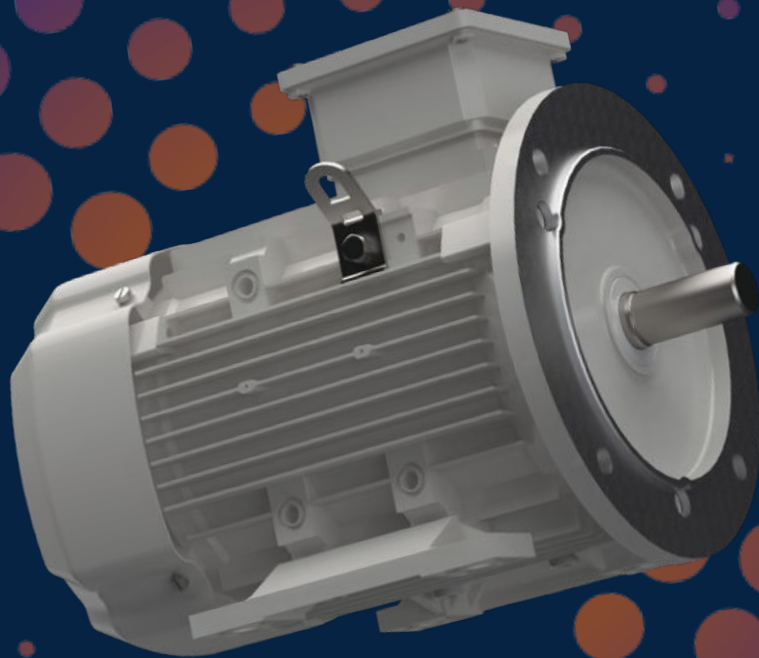
**25+**

**Years of experience**

With more than 25 years of industry experience, we are your reliable partner for electric motors. 60% of our customer relationships have existed for more than 15 years.







# ***OUR PRODUCT PORTFOLIO***

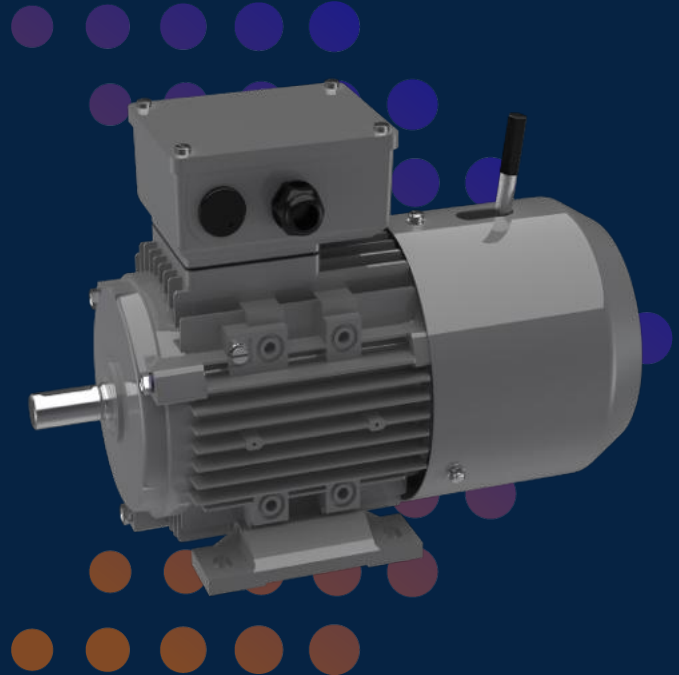
- Asynchronous motors up to IE4
- Permanent magnet synchronous motors in IE5
- Single-phase motors up to IE2
- Explosion-proof motors
- Multi-speed motors
- Brake motors
- Medium and high voltage motors
- Project support for special requests
- Individual drive solutions

We offer you the IEC-compliant drive with maximized energy efficiency that fits perfectly into your system and meets all technical requirements.

# ***OUR AC HIGHLIGHTS***

## ***BRAKE MOTORS***

Our AC brake motors with holding or service brakes offer you **maximum reliability**. A brake motor combines a drive and a brake in a compact housing. Thanks to the integrated spring-applied brake, the shaft is automatically locked securely in the event of a power failure, making it ideal for holding and stopping loads. Brake motors impress with their compact design, reliability, safety, cost efficiency, and low maintenance requirements.



# ***ATEX MOTORS***

A spark, a hot surface, or static electricity—often the smallest triggers are responsible for the worst accidents in the workplace: explosions. In potentially explosive working environments, which also include grain mills, for example, it must be ensured that technical equipment such as motors is protected and complies with certain guidelines. Does your operating environment require an ATEX solution? Our explosion-proof motors combine safety and efficiency.





A man with a long white beard and glasses, wearing a dark blue t-shirt, is working on a large industrial motor assembly. He is using a black and red cordless drill to tighten a screw on the motor. The background is a blurred industrial setting with various components and machinery. An orange circular graphic is overlaid on the right side of the image, containing the text.

# ***INDIVIDUAL DRIVE SOLUTIONS***

Experienced electric motor specialists and a component warehouse, in which forced ventilation fans, switches, plugs and other items required for the customization are kept in stock in large numbers, fulfill almost every wish when it comes to the right electric motor for your system.

## • MODIFICATION OPTIONS

### **Mechanical modifications**

- Assembly of forced ventilation fan
- Changing the mount type
- Adaptation of the bearing concept | roller bearing
- Option for special shafts and flanges
- Cooling types such as water cooling

### **Certifications**

- Europe (CE, UKCA)
- USA / Canada (UL)
- Great Britain (UKCA)
- China (CCC, CQC, CEL)
- Ukraine (TR)
- Eurasia (EAC)

### **Sealing, insulation and maintenance**

- Upgrade the IP protection class
- Addition of tropical insulation for humid environment
- Installation of a relubrication device
- Installation of a condensation drain
- Option: insulation class H

### **Motor protection devices**

- Installation of winding monitoring sensors
- Installation of bearing monitoring sensors
- Installation of vibration monitoring
- Installation of space heater

### **Motor control & motor connection**

- Installation of frequency inverters
- Connection of lead-out cables
- Plug-and-play solutions with Harting & Amphenol products
- Assembly of switch-plug combinations

### **Motor versions**

- VIK for chemical and petrochemical applications
- Atex-certified, explosion-proof motors
- Motors with approvals according to marine design (e.g. DNV – formerly known as DNV GL)

### **Painting options**

- Various RAL colors possible
- Corrosion protection classes such as C3, C4 & C5 possible



- **WHY AC?**

# **4 REASONS FOR AC MOTOREN**



## **Maximum availability**

Whether standard solutions or custom-made products - we have the right motors for you in stock.



## **Efficient logistics**

Our digitalized warehouse and ERP system ensures optimized processes and a high level of transparency.



## **Shortest delivery times**

With our extensive stock, we guarantee fast delivery of your motors.



## **Valuable certifications**

AC Motoren has important quality management certifications such as ISO 9001 certification. We also have country-specific approvals such as EAC and UL/CSA.



ac

ELECTRIFY  
YOUR  
SUCCESS.

ac

ELECTRIFY  
YOUR  
SUCCESS.

- **SERVICE**

# ***OUR SERVICE***



## **Individual consulting**

Every application is unique – just like your electric motor. Our experts will advise you personally and work with you to find the optimum solution for your requirements. You can rely on our personalized recommendations. Contact us – we will help you find the right motor!



## **Customized training courses**

We offer customized training courses on all aspects of your electric motor – adapted to your needs. Whether at your premises, at our premises or as on-demand training: we provide you with practical knowledge.



## **Strong service network – always close to you**

With our comprehensive partner network, we are wherever you need us – in Germany and beyond. Our local service partners are on hand to provide you with on-site expertise and rapid support. In this way, we guarantee short response times and reliable support exactly where you need it.

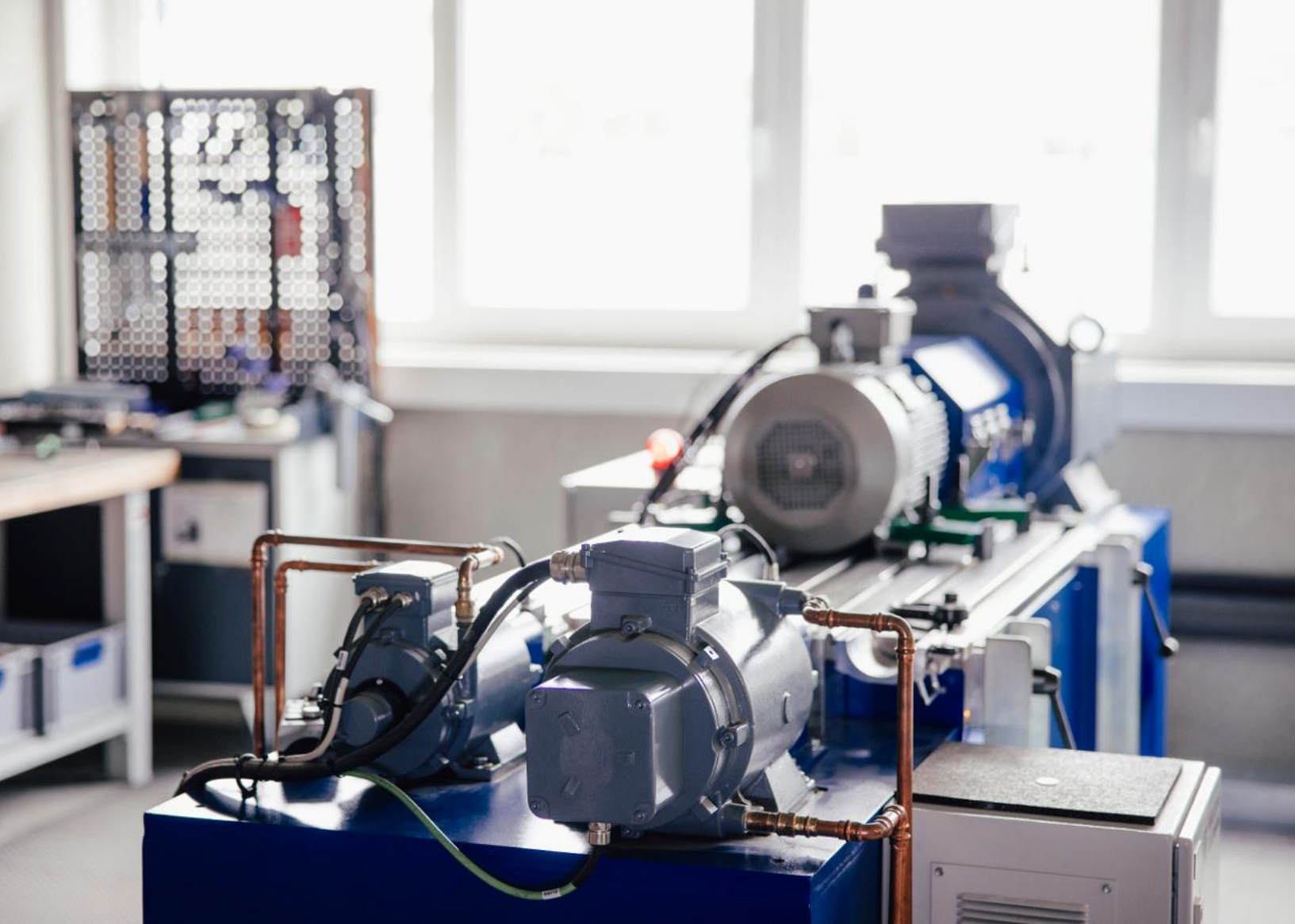


# **OUR MOTOR TEST BENCH**

The reliable operation of an electric motor under real conditions is of crucial importance.

In addition to testing as part of our quality measures, we also offer our customers measurements in accordance with DIN EN 60034-2-1. Through the simulation of different load profiles, we test how power, torque and efficiency behave during operation. Motor-inverter-combinations can also be tested in order to ensure optimum adaptation to the respective application.

In addition to routine testing, we also carry out operating mode simulations of various load points, efficiency determinations in accordance with DIN 60034-2-1 and many other tests and prepare detailed reports for you.











# **CERTIFIED QUALITY**

## Technical certificates



*and more...*

## Country-specific licenses



*and more...*







• AC TEAM

# ***WHAT CAN WE DO FOR YOU?***

***CONTACT US NOW***

• AC Motoren GmbH

• Einsteinstraße 17

DE- 64859 Eppertshausen



Phone: +49 6071 49887 -0

Email: [team@ac-motoren.de](mailto:team@ac-motoren.de)

Web: [www.ac-motoren.com](http://www.ac-motoren.com)



***ELECTRIFY  
YOUR SUCCESS.***

[ac-motoren.com](https://ac-motoren.com)