
WE OPTIMISE YOUR SYSTEMS' LIFESPANS

Repairing, maintaining and
retrofitting electrical machinery
Production and retail



ABOUT US

*"We take
responsibility –
regardless of the
manufacturer"*

DEAR READERS,

Thanks for taking the time to learn about mowitec. Since 1997, mowitec has grown from being a tradesman's one-person business to a full-service specialist in electrical machinery and systems. And skilled labour continues to form the basis of our work, just as it always has.

It is crucial for our customers' operations to be free from disruptions. So no component can ever be in short supply. Outages, as well as manufacturers discontinuing production of components or spare parts, can result in considerable cost disadvantages. Some machinery or systems are thus at risk of simply being replaced if they're unprepared for digitisation.

That's why our main focus is on prolonging the lifespan of motors, frequency inverters, gear units, pumps, blowers and other electrical machinery: From installing top-quality systems, to maintenance, servicing and repairs or bypassing, to retrofitting. If no mechanically/ electrically suitable or digitally integrable components are available on the market for very old machinery/systems, we'll create a replacement.

Whether we're repairing defective systems, manufacturing specific spare parts, unique pieces or mini series for highly specialised requirements, or are producing our own identical Lenze shaft-mounted gear units, our main priority is always to ensure low-wear, low-maintenance designs and generally robust, reliable workmanship.

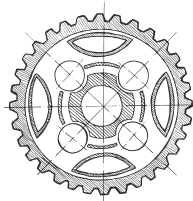
We'll be glad to help you optimise your systems' lifespans or expedite digitisation at your business, including in relation to drives, pumps and similar.

Warm regards,

Agostino Augusto
Owner and managing director

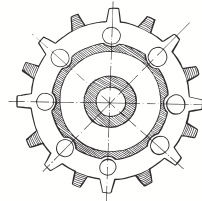
CHALLENGES FOR OPTIMUM SYSTEM OPERATION

*What are the critical factors these days?
And what will they be in the future?
We answer these questions*



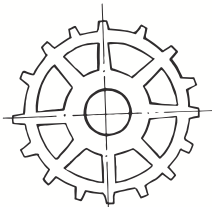
Optimising lifespan and service life

Minimising operational disruptions through prevention and fast intervention in the case of emergencies



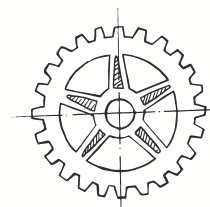
Retrofitting existing systems

Prolonging lifespan by manufacturing no longer available parts or adapting current products



Simplifying procurement

Achieving optimum value for money in the given circumstances by drawing on an extensive market overview and selected suppliers

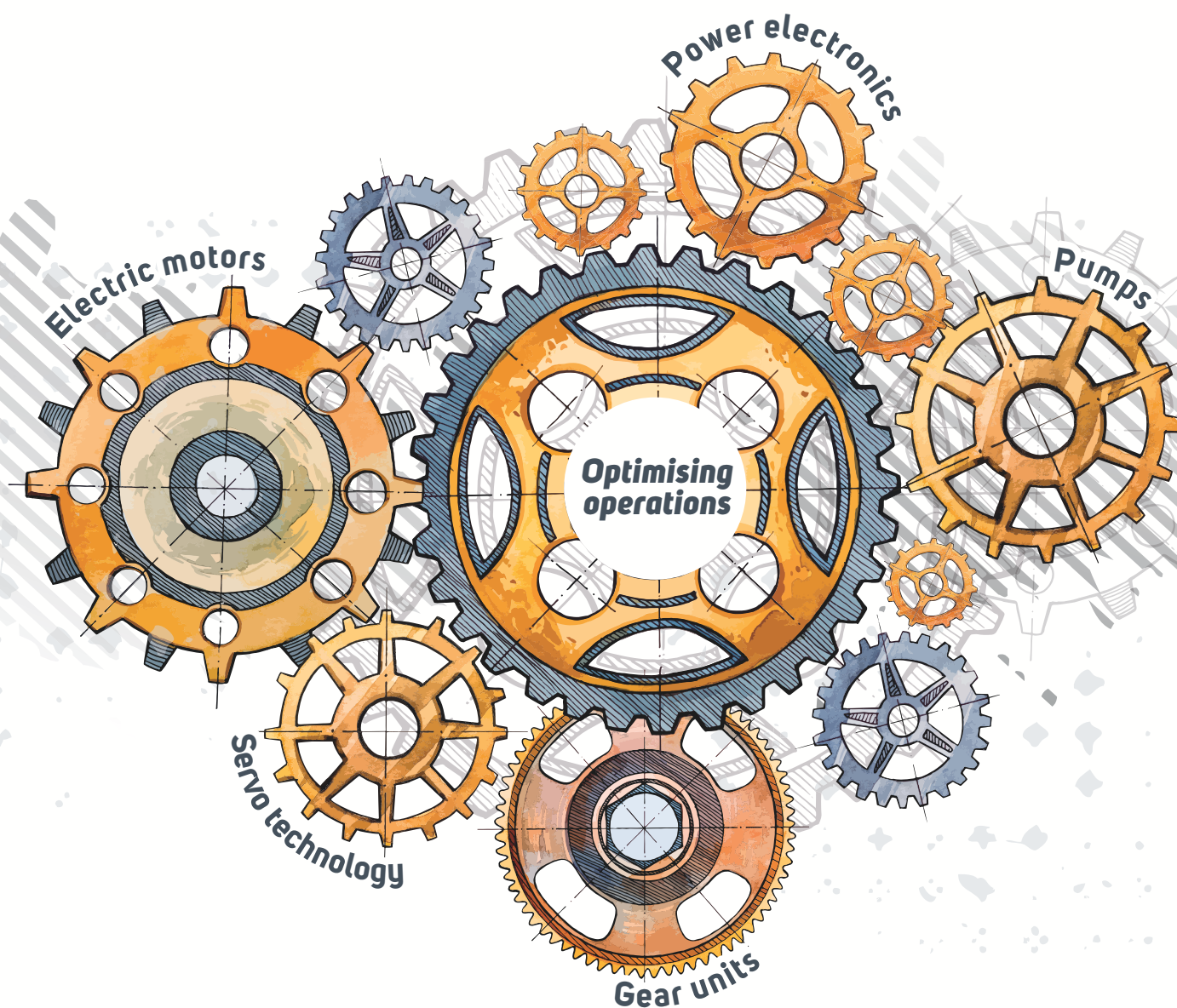


Being prepared for industry 4.0

Working with the right partner to handle tasks such as automation, digitisation and system integration in addition to daily business

OUR APPROACH

As specialist provider, mowitec combines the best trade skills with development expertise and a willingness to embrace the challenges our customers face on their respective markets. **Depending on requirements, we can be a repairs workshop, dealer, manufacturer or system integrator for automation and digitisation.**



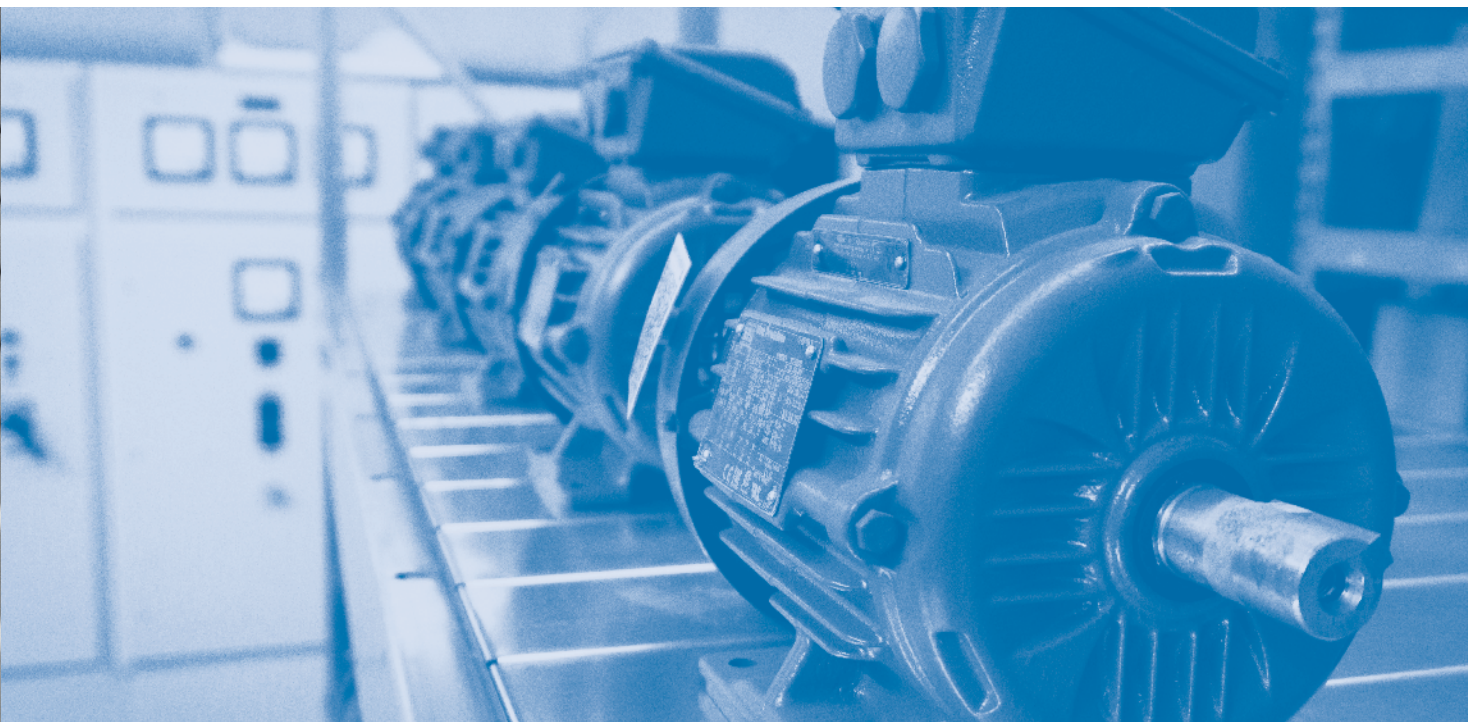


YOUR PROJECT IN OUR HANDS

WHAT OUR CUSTOMERS APPRECIATE ABOUT US

Reliability, speed, and good, clean work even during times of supply shortages and time constraints are some of the reasons why customers from many different industries – the chemical industry, foodstuffs and animal-feed manufacturers, water and power suppliers, wastewater treatment plants, swimming pools, recycling companies, logistics centres, the processing industry, climate and building management, the construction industry, service providers and many more – keep choosing us.

- Extensive trade skills thanks to qualified staff
- Classic and specialised equipment for a wide range of tasks
- Extensive warehouse for spare parts and motor parts
- Fast response times, efficient handling, flexibility
- Long-time experience, broad and in-depth market knowledge
- Digital and transparent processes in all project phases with detailed customer information



OUR PARTNERS

We have been working with selected partners, including reputable manufacturers of electrical machinery and supplier parts, for many years. At our workshop, we can produce special parts that are no longer available on the market in the necessary model or quality. Our partnership with Lenze has seen us become a manufacturer in our own right by continuing the production of Lenze shaft-mounted gear units.

We work with all manufacturers in the area of repairs, maintenance and retrofitting. And when it comes to new motors, gear units and pumps, we work with WEG electric motors, Lenze SE and Herborner Pumpentechnik.



**HERBORNER
PUMPENTECHNIK**

HOW WE GUARANTEE QUALITY

Projekt angelegt	In Befundung	Ware anfragen	Ware angefragt	Angebot schreiben	Angebot genehmigen
LP42	NH21	LP162	LP15	LP87	
NH58	LP39	NH59	LP28	NH224	
NH39	LP83	LP179	LP64	NH217	
NH188	B02	B46	LP22		
NH168	NH218		LP17		
B05			LP65		
B44			LP123		
LP72			NH183		
LP78			NH193		
LP81			LP67		
LP90			LP176		
LP98			NH187		
			LP27		

QUALIFIED STAFF

Almost all our staff have been trained in-house. Regular training sessions at the trade association, guild and chamber of crafts & trades, as well as the training we run with our partners, ensure their expertise is always up to date. Our staff's skills include handling explosion-proof equipment under the German Industrial Safety Ordinance (BetrSichV), and a number of other certificates.



MODERN EQUIPMENT

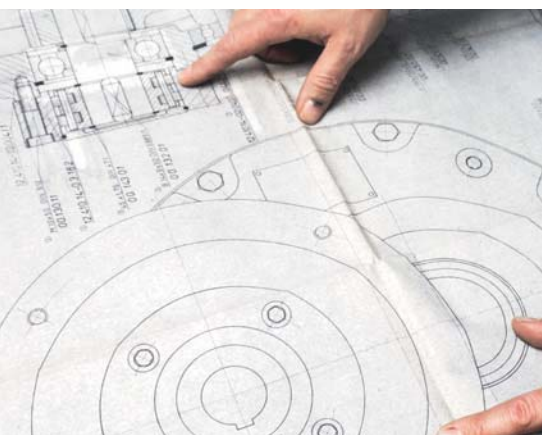
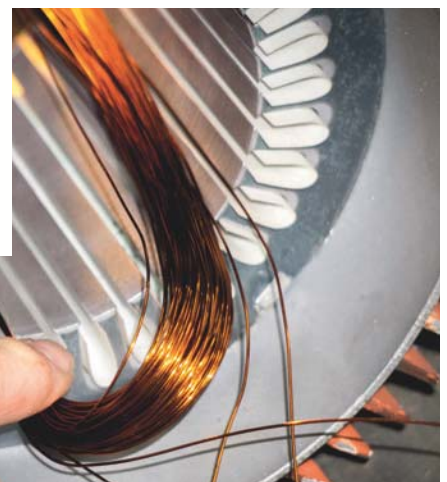
In addition to the classic equipment expected of a service and production company for electrical machinery and systems, mowitec also has:

- Software to recalculate motors and drives
- Static motor analyser with extensive test functions
- Servomotor test bench
- Jointing machine for pinion gears with automatic pressure-stretch documentation
- Laser labelling device



CONTINUOUS IMPROVEMENT

We're convinced businesses can only be in a position to operate with vision and cater to their customers' requirements, both now and in the future, by implementing continuous improvement processes. DIN ISO 9001 certification confirms that this conviction is firmly cemented in our quality management system.



WHAT CAN WE DO FOR YOU?

NEW PRODUCTS / SPARE PARTS

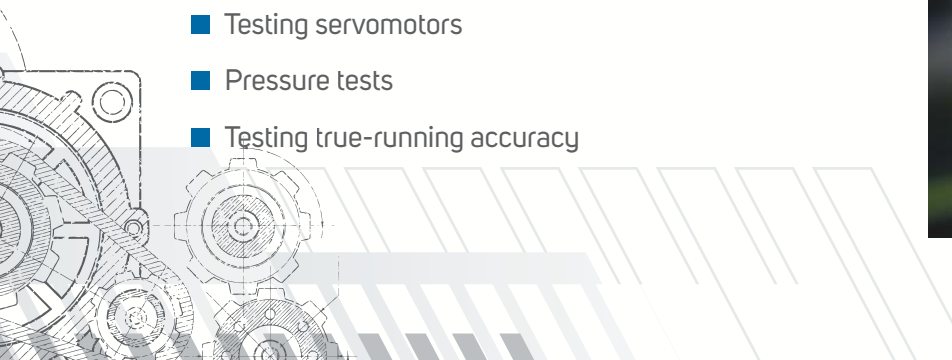
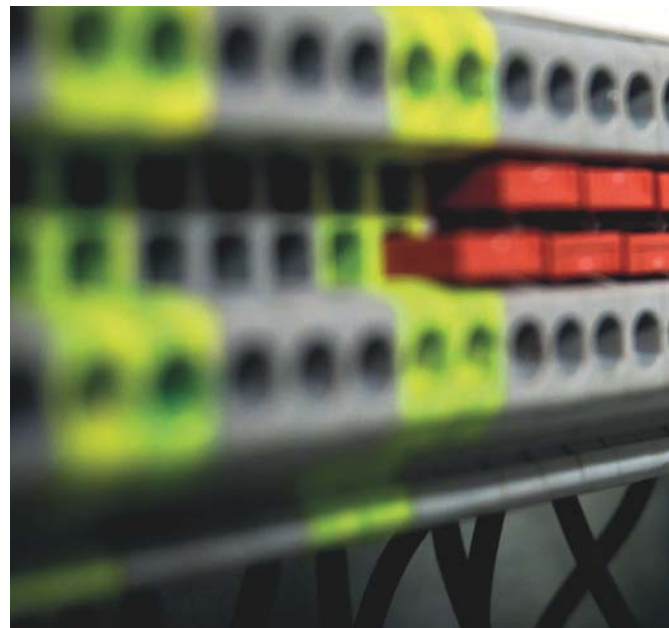
- Consulting
- Procurement from our partners
- Gear-unit manufacturing, incl. spare parts
- Installation, start-up
- Manufacturing spare parts if necessary, and retrofitting (special dimensions, original parts no longer available, delivery times too long etc.)
- Motor and spare-parts warehouse

MAINTENANCE AND REPAIRS OF ...

- Electric drives
- Gear units
- Pumps
- Blowers/Fans
- Power electronics/Frequency inverters
- Servo technology
- Other electrical machinery, and equipment used in explosive environments

DIAGNOSTICS, MEASUREMENTS AND TESTING

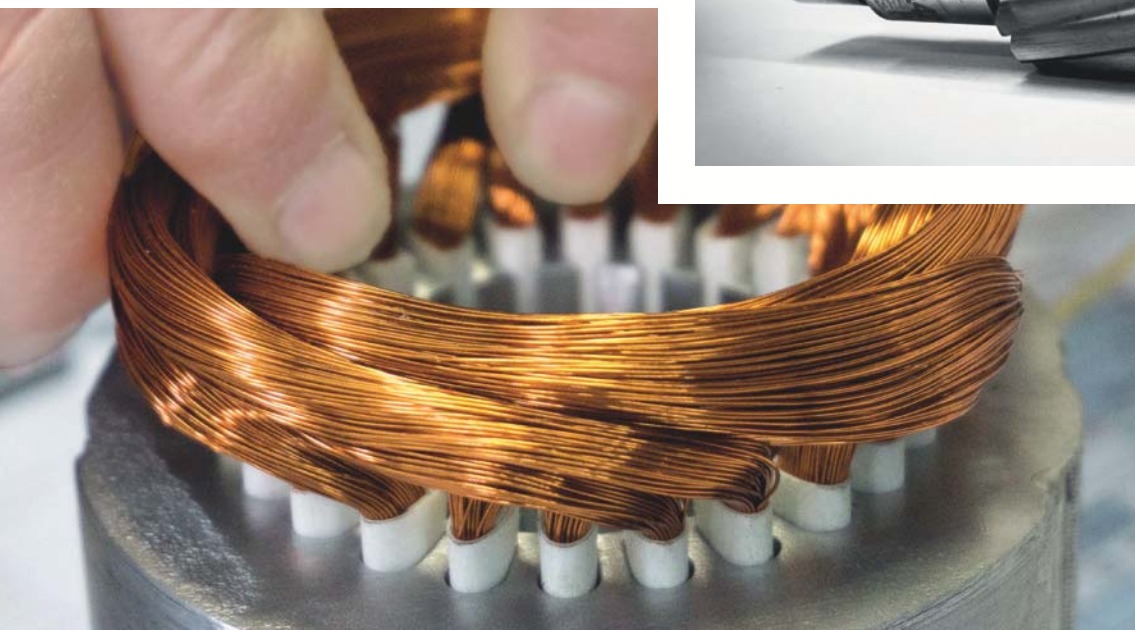
- Documenting diagnostic findings and current conditions
- Determining the cause of outages/loss of power
- Testing in accordance with VDE regulations
- Explosion testing
- Vibration measurements
- Testing servomotors
- Pressure tests
- Testing true-running accuracy



WORK PERFORMED

- Professionally dismantling and assembling electrical machinery
- Winding motors in the on-site winding room
- Rotating, milling, welding
- Compressing, joining, thermal joining
- Metal-plating through flame spraying, levelling/straightening
- Cleaning, specialised cleaning, impregnating
- Glass bead blasting
- Painting/Varnishing and coating
- Dynamic balancing, precision balancing
- Labelling via laser engraving

We use lubricants and paints/varnishes according to customer specifications and the legal regulations, e.g. those for food processing (NSF H1, kosher, halal) or for use in explosive environments.



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