



Industrial performance meets
sustainable growth.
We Keep the World in Motion.



ELIN
Motoren
A Trasy Company



WE KEEP THE WORLD IN MOTION.

What partnership throughout
an entire life-cycle really means ...

Dynamic market developments, increasing demands on the industry, rising commodity prices: intelligent technical solutions that enhance growth tomorrow, are more important than ever. We deliver them – we are the life-cycle partner for rotating electrical machines and solutions, working for the best companies around the world.

With over 120 years of experience, a unique quality and comprehensive solution expertise, we generate added value over the entire life-cycle of your plant. Our service philosophy is, at the same time, our drive: knowledge, sustainability, partnership. The result is optimum industrial performance coupled with sustainable growth.

**This is the power of the motors
that keep the world in motion.**

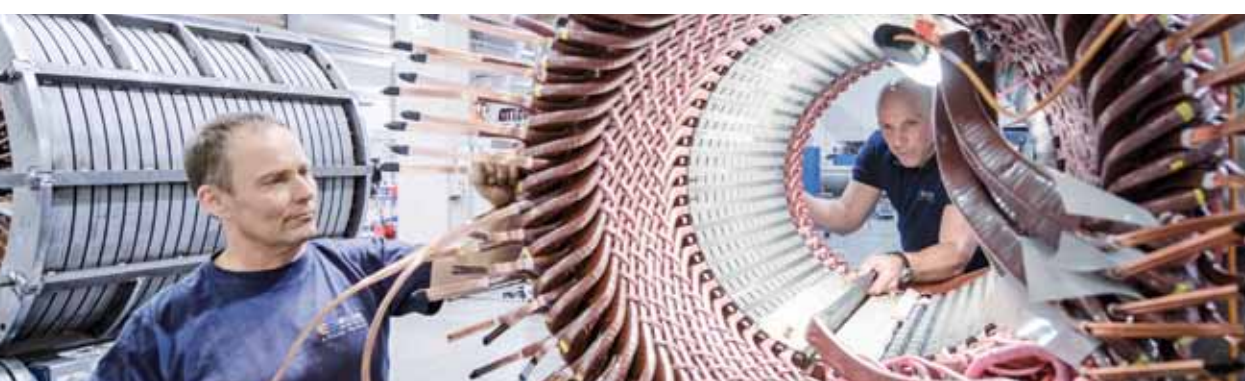
“We are not just
your supplier of motors;
we provide expertise
in drive engineering technology.”



Technology is not a buzzword for us –
it is our lifelong promise.

Maximum availability, high efficiency, compact motor sizes: when it comes to performance and sustainability, leading companies rely on ELIN Motoren. We are the preferred partner in development and total solutions for exacting technical requirements.

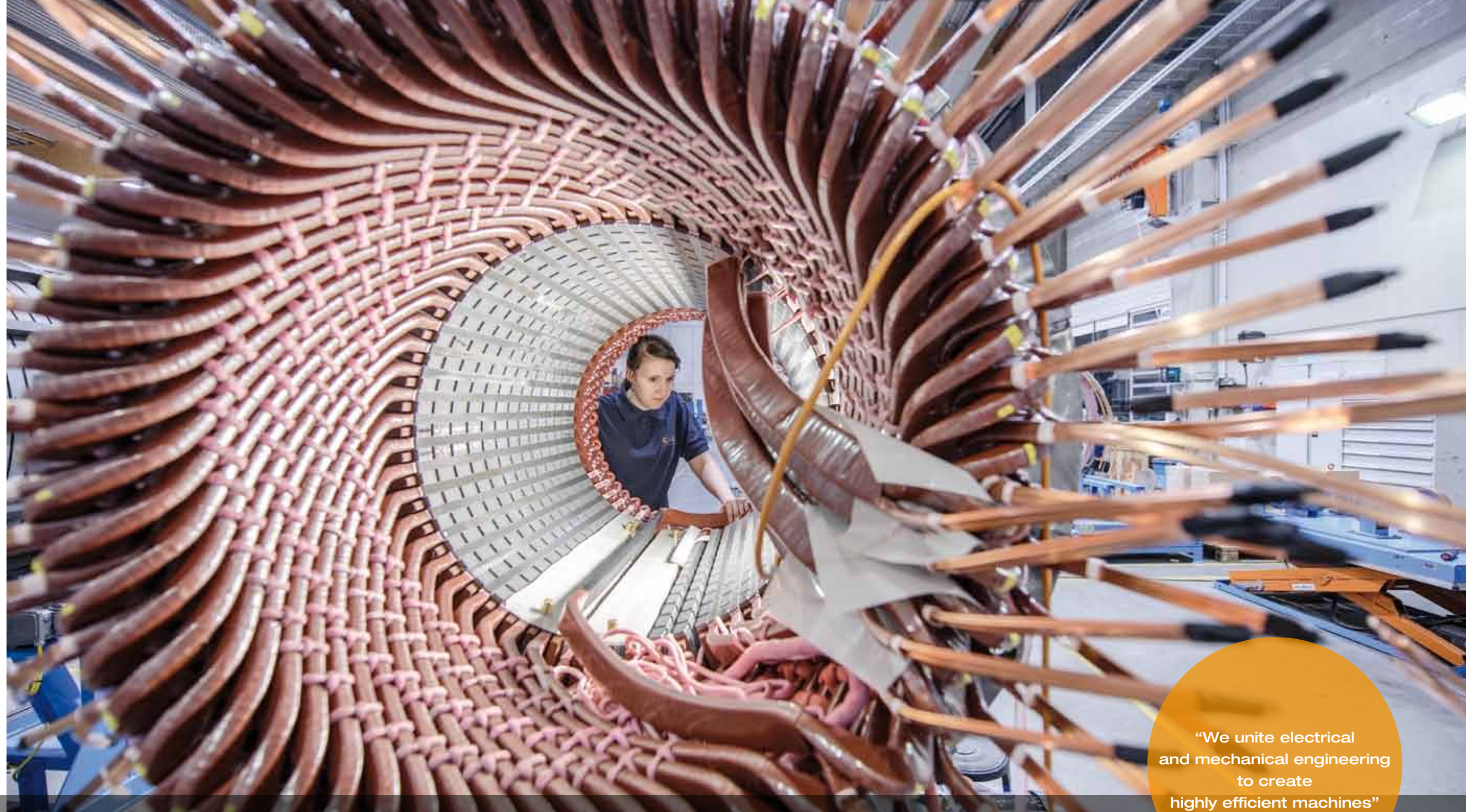
As a specialist and inventor of water jacket cooling in electric motors, we know all the interfaces in the electric drive chain. Active flexibility is a part of our performance philosophy and enables us to develop perfectly tailored solutions. From electric motors, up to 35 MW, to generators in the power range up to 50 MVA: our technology is proven for a lifetime.



At ELIN Motoren, responsibility starts with the first handshake – and never ends.

From the very beginning, the engineering phase, we are committed to working with our customers to develop the best possible solution. To reduce the total cost of ownership, we optimize the performance of our motors and generators at each stage of development. As a life-cycle partner with over 120 years of experience, we have the

necessary process know-how. Our comprehensive overall expertise ranges from consulting, through design and manufacturing to service. This knowledge is proven in large scale production as well as in small series and individual solutions. The result is always a high level of reliability and a higher than average service life of our products.



“We unite electrical
and mechanical engineering
to create
highly efficient machines”

Advancing with one's job,
this applies to every single employee.

Behind the high performance and durability of our products is the knowledge and dedication of our employees. Their expertise guarantees the exceptional quality of our motors and generators. Continuous education and training programs ensure this high level for the future and promote the personal development of our employees.

The proximity of two universities and technical colleges affords us the opportunity to attract specialists for ELIN Motoren; specialists who share our passion for technical advantage. A team spirit of openness and togetherness characterizes our corporate culture and affords a high level of initiative and personal commitment. The result is motors that keep the world in motion.

“Our machines are to be found in power plants today, still running after more than 100 years of reliable operation.”



Quality is a mindset that knows no bounds.



The unique quality advantage of our solutions is based on integrated quality management, which includes all development and manufacturing stages. Our products are tested in-house and comply with all relevant international standards. To ensure the high quality standard for the future, we continually train our employees and keep our production facilities on the cutting edge of technology.

The development and manufacturing center of ELIN Motoren is among the most modern worldwide and possesses one of the most advanced testing laboratories. We have been ISO 9001 certified for many years.

ELIN technology – time-tested quality that stands the test of time.

We move entire markets – namely those in which something moves.

Wind Energy

As one of the leading manufacturers of generators for wind turbines, we cover both the onshore and the offshore markets with a power range, at present, from 750 kW to 6,000 kW. In addition to conventional and doubly-fed induction generators, our product portfolio also includes synchronous generators with electric and permanent magnet excitation. System tests up to 5 MW (generator and inverter) are carried out in our newly constructed, state of the art test field in Weiz.

The strength of ELIN Motoren is the many years of experience with various cooling concepts such as water jacket cooling, air-water and air-to-air cooling along with a wide range of references both in the onshore and offshore areas. We strive for close partnerships and collaborations with our customers and can ensure, when required, a local supply and service support throughout the product life-cycle in the main markets.

Plastics & Tunneling

The product range in this field of expertise includes liquid-cooled, three-phase, low voltage asynchronous motors with a power range of 37 to 2,500 kW, in the standard number of poles and designs, as well as types of protection up to IP68 and Ex-d, Ex-e and Ex-n compliant explosion protection. Our fully enclosed cooling concept has proven itself thousands of times in the harshest environments and is continuously developed.

We offer industry-oriented standard solutions and special designs that redefine the predicate customer

designed. The compactness of our products saves space and weight; the motors are low-noise and resistant to external influences, thereby avoiding costly air supply and exhaust air systems. The application range of these water cooled motors is very diverse: the plastic-extruder field, compounders, kneaders, mixer and injection molding machines, a wide range of applications in the tunnel & mining field, as well as drilling field equipment and metallurgy.

Power Plants

As a planning partner for high-quality, medium voltage motors and controlled system solutions we, together with our process partners, implement innovative drive concepts for the next generation of thermal power plants. You will benefit from our decades of experience in the requirements of the power industry and our expertise as the drive technology specialists.

Through active investigation of interfaces, putting together tailored packages for both mechanical and

electrical speed controls and dedicated, flexible project management, we bring your project forward safely and efficiently. As a full-range supplier, we support all the companies in the supply chain of power stations (owner / planner / general contractor / OEM) with motor solutions for all power plant applications (pumps, fans, mills etc.) in the power range from 300 kW to 35 MW. For special applications, we offer water jacket cooled motors in the power range between 70 kW and 1 MW.



Industrial Plant Applications

We offer customized system solutions for your drive concepts, especially in classic plant engineering. Regardless of which industry you are in, whether cement, mining, steel construction, test drives, paper and pulp mills, chemical plants, conveyors or water: we are your life-cycle partner. Our product portfolio ranges from low voltage to medium voltage, surface-cooled air-to-air through to air-water cooled motors and IP68 submersible

motors. We offer asynchronous motors with squirrel cage or slip ring rotors up to 35 MW in frame sizes from 355 to 1400 and voltages from 400 V up to 15 kV. Larger capacities, sizes and voltages are possible upon request. To meet the highest quality criteria we employ state of the art manufacturing technologies. References from around the world testify to the flexibility and sustainable efficiency of our solutions.

Decentralized Energy Systems

Our synchronous and asynchronous generators for electric power generation are characterized by high efficiency and reliability. The synchronous generators are used worldwide for steam turbines, hydro turbines, gas turbines, as well as for gas and diesel engines. The 4-pole range extends from 3 to 50 MVA and the higher pole ranges

from 1 to 30 MVA for voltages from 3.15 to 15 kV. In the oil and gas sector, we provide synchronous generators with explosion protection types Ex-n, Ex-e and Ex-p. We develop synchronous and asynchronous generators specially designed for hydro turbines.

Gases & Petrochemicals

We design and manufacture air and water cooled asynchronous motors with squirrel cage and slip ring rotors for oil and gas applications. ELIN Motoren provides drive solutions ranging from 200 kW up to 35 MW. Explosion-proof electric motors manufactured according to Ex-n, Ex-e, Ex-p explosion protection classifications are included in our scope of supply. In addition, we

supply drives for high-performance equipment and machinery such as air separation plants, extrusion machines and pumps. As a total solution partner, we offer our clients custom engineering services (design, order processing and operation). The benefits of our solutions are optimized motor design, low starting currents, the highest efficiency, longevity and reliability in operation.





“Responsibility
is our hallmark.”

Services

Whenever you need technical support: we are standing by 24/7. Our mobile and specially trained team of experts guarantees help throughout the entire life-cycle of your plant – fast, reliable, worldwide. A global network of certified partners supports our mission to offer service with the decisive quality advantage.

A variety of services can be carried out on-site (e.g. maintenance and refurbishment for all makes and models). Repairs are also carried out on our premises at the highest quality level by using advanced technology.

As your life-cycle partner, we guarantee the most efficient, sustainable solution. In addition to mechanical work, our scope of services also includes winding analysis such as Tan Delta measurements and partial discharge measurements as well as vibration analyses.

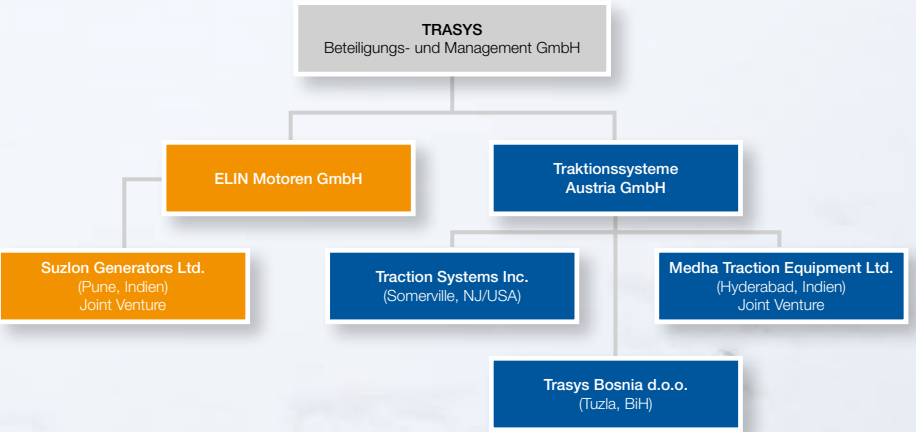


Global partnership is far more
than merely thinking and acting globally.
You have our word.

We have evolved as a high-tech company, with a long industrial tradition in the heart of Europe. Thanks to a global network of certified partners, we are also, literally, always close to our customers – from America to Asia through to Australia. As a specialist, we are right at home in demanding market segments; we meet the highest technical

and application-specific requirements with innovative technology.

Quality, efficiency and reliability throughout the entire product life-cycle: this is why we can include leading companies among our long-standing customers. We develop motors that keep the world in motion.





ELIN Motoren GmbH, Headquarters: Preding/Weiz

Elin-Motoren-Strasse 1 / 8160 Preding/Weiz, Austria

Tel: +43 3172 90606-0

Wiener Neudorf Sales Office:

Triester Strasse 14 / 2351 Wiener Neudorf, Austria

Tel: +43 3172 90606-4016

Salzburg Sales Office:

Faistauergasse 5 / 5020 Salzburg, Austria

Tel: +43 3172 90606-5010

contact@elinmotoren.at

www.elinmotoren.at