



Small Details with Great Importance



HEAT ENGINEERING AND CONNECTING
TECHNOLOGY FOR TRACK VEHICLES, AIR-
CRAFT AND UTILITY VEHICLES AS WELL AS
PLANT AND MACHINERY CONSTRUCTION

Acting for Safety and Comfort.

We have been developing components for original equipment manufacturers and plant operators for over 60 years – particularly in the sectors of rail transport and aviation as well as vehicle and machinery construction. These are sensitive production areas, in which one thing counts above all: precision.

The innovative products from elke TECHNIK are the result of intensive research, technology know-how, and a high level of aspiration; aspiration which our engineers share with our customers and which allows no room for compromises with respect to quality and reliability.

Whether components from our diverse range or customer-specific special solutions: the smallest details are often critical in connecting technology and heat engineering. We therefore work only with high-quality materials and in accordance with internationally certified standards such as VDE and DIN ISO 9001:2008. The result is products that guarantee maximum safety and comfort – that is what we work towards every day afresh.

Our Services

Heat Engineering

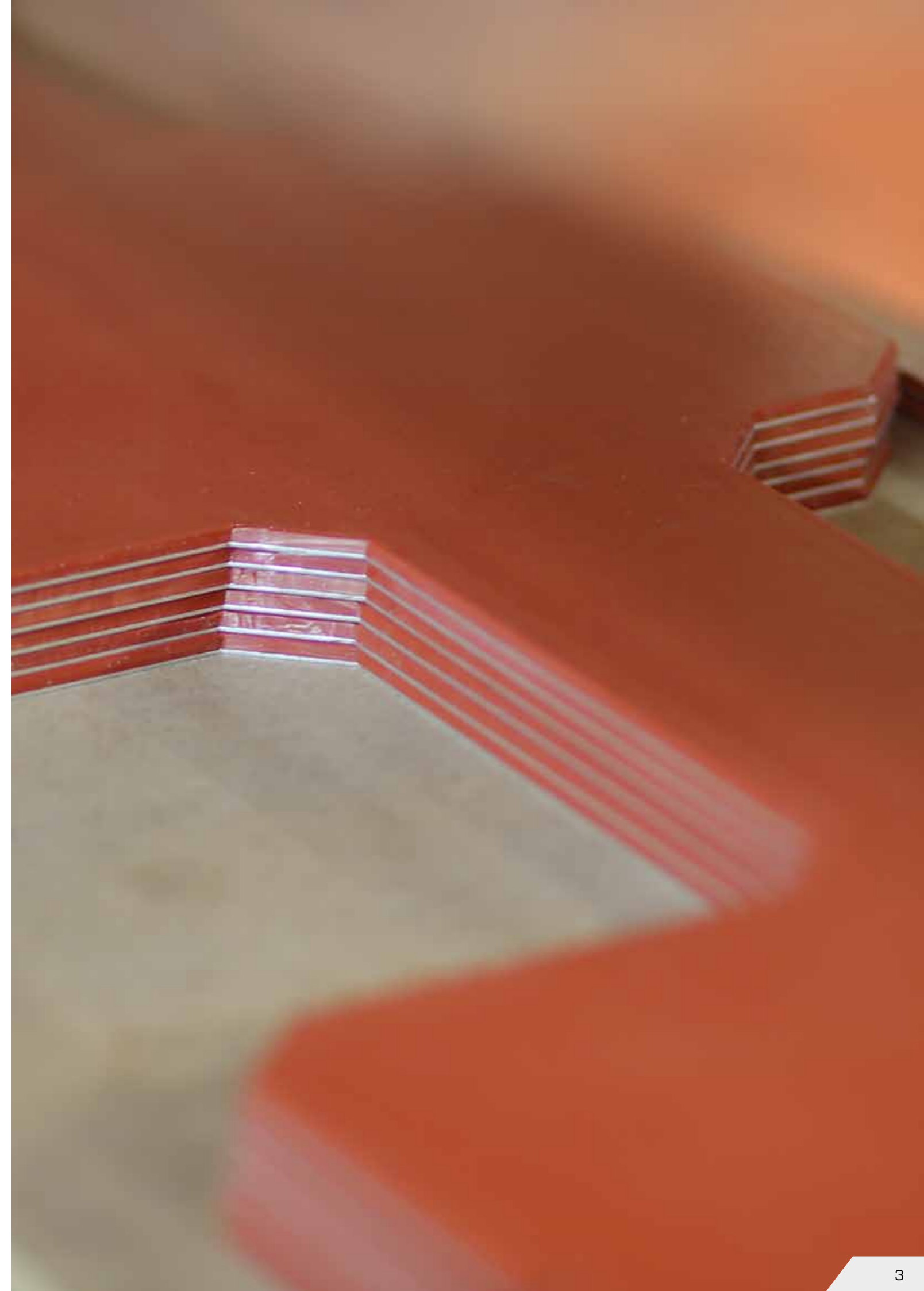
Products and individual solutions for use in track vehicles and aircraft.

Connecting Technology

Plug connectors and connecting cables for vehicle productions – produced for increased requirements in accordance with MIL standard.

Technical Components

Microswitches for the explosion-risk area as well as moulded components in thermoplastics and elastomers.





Where Man and Machine form one Entity, the Requirements must be One Hundred Percent in Line.



RELIABLE HEAT ENGINEERING FOR RAIL TRANSPORT, AVIATION AND MACHINERY CONSTRUCTION.

If you are on the move by train or aeroplane, you want to reach your destination comfortably and on time. However, low temperatures in winter or above the clouds set the requirements high. Ultimately the function of the operating technology must be guaranteed in the same way as a comfortable travel temperature in the driver's cab/cockpit and in the passenger compartments.

Our heating components and systems are tailored precisely to the conditions and closely checked before they are released for delivery. We take the same care with the design and manufacture of our products, both for process engineering and for plant and machinery construction.



Track Vehicle Construction

- Sand pipe heating
- Underfloor heating systems
- Side-wall heating
- Step heating
- Recess heating
- Collar heating
- Pantograph heating
- Switchboard heating
- Mirror heating
- Coupling heating



Aircraft Construction

- Cockpit heating
- Accumulator heating



Process Engineering, Plant and Machinery Construction

- Barrel heating
- Container heating
- Collar heating





Extreme Conditions Demand Extremely High Reliability.

CONNECTING TECHNOLOGY FOR UTILITY VEHICLES,
ARMS AND SPECIAL VEHICLE CONSTRUCTION.



Because of the special requirements, special standards apply for plug connections in vehicle construction. On the one hand, they must be able to withstand a high level of strain, for example due to vibrations or dirt. On the other hand, they are exposed to the effects of weathering, such as heat, cold and damp.

Our product range includes 2 to 12-pole plugs and sockets as well as couplings and connecting cables – made of high

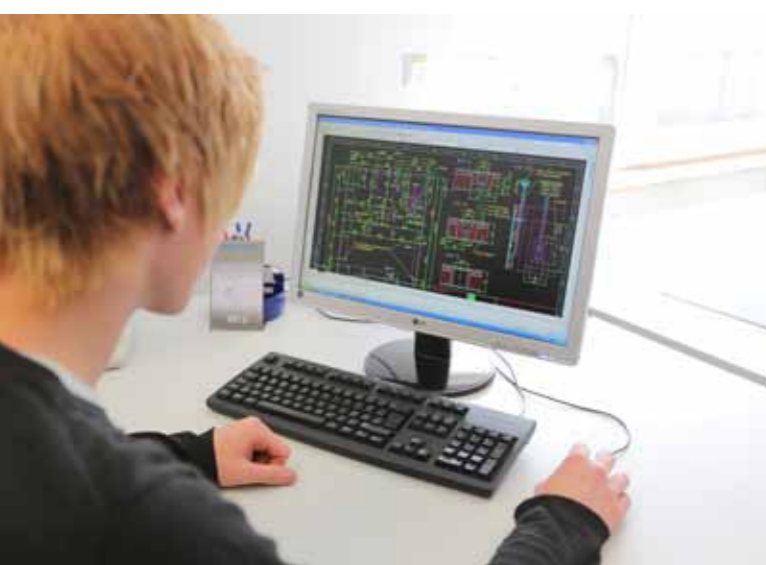
quality materials that prevent fatigue or damage as far as possible, and in accordance with the high quality standards of elke TECHNIK, e.g. VG 96917, VG 96923 and VG 96927.

Our products are used in utility vehicle construction and in the arms industry. Furthermore, we develop customer-specific solutions for road construction, forestry, mining and tunnel construction.





Your Plans Take Shape – Individual Moulded Components in Plastic.



Since 1948, we have been producing moulded components in plastic, for example such as microswitches for the explosion-risk area. As well as high-quality components for the broad product range of elke TECHNIK, we primarily produce according to individual customer requirements.

We manufacture quality moulded components precisely to your specific requirements, on the basis of drawings/samples. With flexible machinery, our own tool making, and many years of experience in the broadest range of areas, we are able to implement even low-volume production both quickly and cost effectively. Depending on the

requirements, we use thermoplastics or elastomers for the production of the moulded components – and within these groups, we use different materials with appropriate production processes.

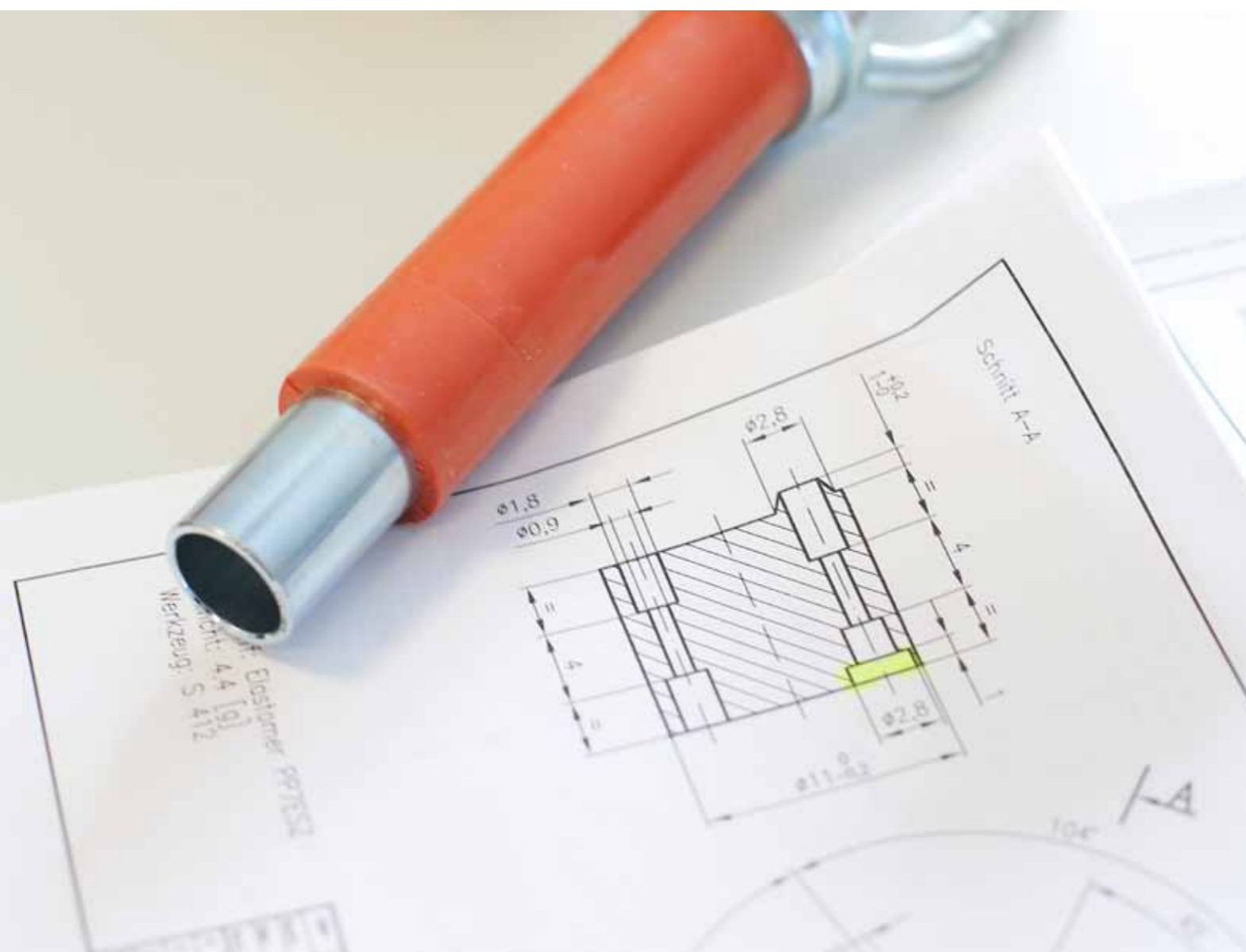
Applications of Our Plastic Manufacturing

- Electrical engineering
- Explosion prevention
- Machinery construction
- Vehicle construction

Moulded Components in Thermoplastics and Elastomers

Depending on the application, our production uses various techniques. Products in thermoplastics are manufactured by means of the injection moulding process, which is based on heating and pressure. In production with elastomers, we have an equally broad range of production processes available. Elastomer moulded components stand out for their flexibility and high resistance. Whichever process is considered for your product though, you can rely on quality that is carefully checked at every stage of production.

We are Always Open – To Your Ideas, Requests and Questions.



Maximum competence, quality and flexibility – with us, you and your individual requirements receive optimum attention. As a result of the continuous development of our technologies, we can offer you products and solutions that are fully compliant with the current safety requirements and that meet the relevant standards. Our technical production facilities for small and medium batch sizes,

personnel and machinery capacities, and our large stock of raw materials enable us to implement and deliver your individual requirements within a short space of time. Simply contact us and we will develop a solution that precisely meets your requirements – and your budget.

The Advantages for You at a Glance

- Modern technologies
- Own tool making
- Development of customer-specific solutions
- Problem solutions
- Batch production
- High production depth and flexibility
- Short delivery times
- High quality standard
- DIN ISO 9001:2008 certification



elke TECHNIK GmbH

Mühlgraben 70

73479 Ellwangen (Jagst)

GERMANY

Telephone: +49 (0) 7961 56955-10

Fax: +49 (0) 7961 56955-50

info@elke-technik.de

www.elke-technik.de