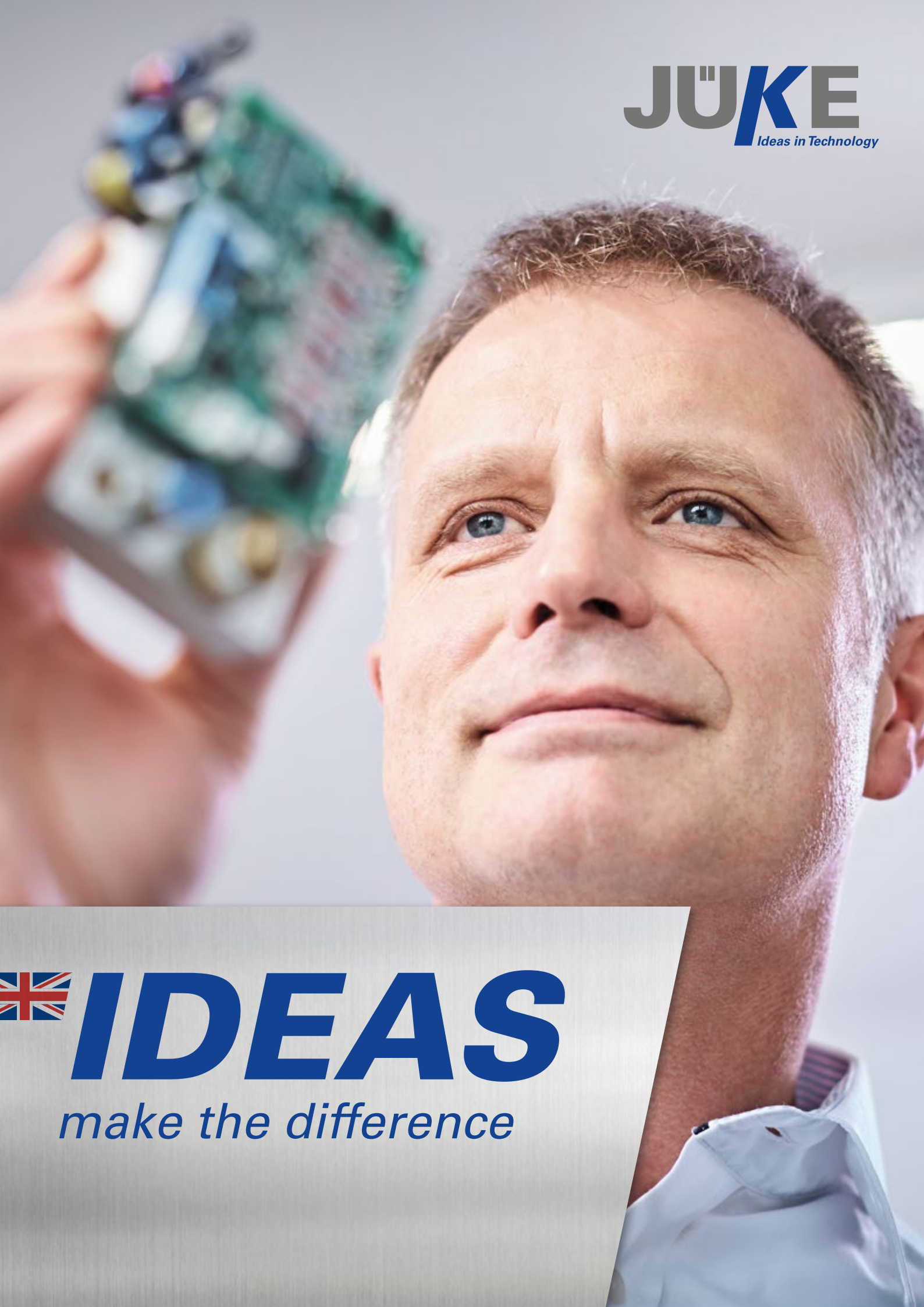
JÜKE
Ideas in Technology
IDEAS
make the difference

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Our mission is to be

FULL OF IDEAS.

We want to continue surprising our customers with new solutions.

JÜKE responds to even the most complex technical challenges with a creative, systematic and individual approach, accompanying products through the entire life cycle – from development and engineering to production, service and end-of-life production. At the same time, we retain a focus on what matters most down to the finest detail: the success of our customers.

Heinrich Jürgens and Martin Hovestadt,
CEO of JÜKE Systemtechnik GmbH

Cover: Dominik Fockenbrock
Head of Engineering

Our credo: your advantage.
JÜKE offers the highest level of expertise and technological competence. In everything we do as a system supplier, we believe that our combination of plentiful ideas and mechatronics experience makes many things possible. From engineering to manufacturing, we can be more innovative and more individualised, working on your behalf to achieve a range of objectives.

Ideas are a very good start:

WE GO FURTHER.

Progress. Step by step.
JÜKE Systemtechnik GmbH was established in 1990 as a precision engineering company. In the early years, we focused on developing and producing environmental measurement technology, from sampling devices to online measurement and control systems. Through company mergers in the following years, we built up our specialist expertise in mechatronics and measurement technology.

Optimal development. For your success.
Today, we can draw on a comprehensive level of technical expertise that has been refined in a variety of projects, especially for customers in the medical technology sector, but also those who work with optical devices or analytical, biological and laboratory technology. We enjoy access to modern operating equipment for development and production thanks to continuous new investments. The consistently high technical quality of our services is guaranteed through continuing professional development as well as our cooperation with universities, research facilities and project partners.

Our approach: your advantage.
As a system supplier we offer integrated services from conception to production and service. We develop and make products for our customers. To this end, we find solutions for every task in a determined and focused manner, constantly coming up with creative new ideas and concepts.

Our solution for complex technical tasks:

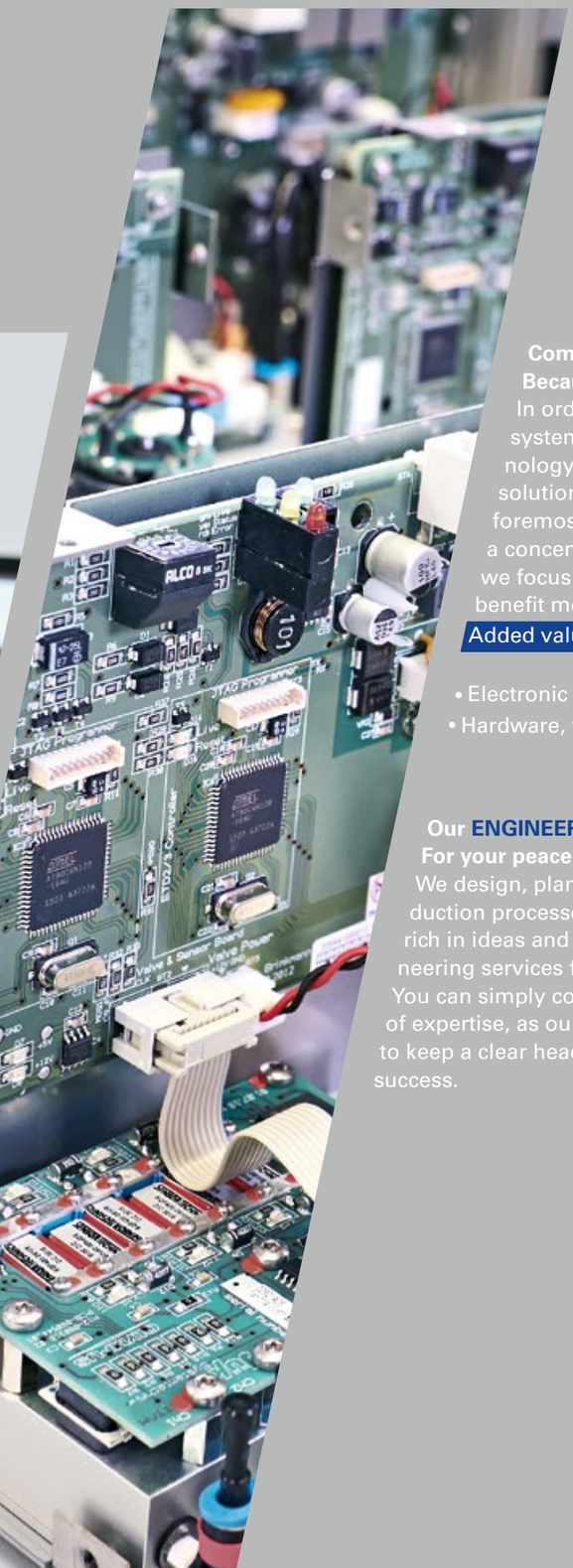
A PARTNER FOR EVERYTHING.

Reliability. Down to the finest detail.
JÜKE is a fully responsible contact partner at every stage from development to series production. Our highly qualified project engineers oversee and support your activities – individually, personally, flexibly and with strong commitment. In this way, we ensure that every step and every decision brings us closer to our common goal: high-performance, efficient and intelligent system technology for your products.

High quality. And continuity.
We were certified according to ISO 9001 back in 1993. Later, in 2009, followed ISO 13485 certification and renewal of our ISO 9001 certification. For our customers, though, one thing is even more important than these certificates: we aim to sustain a long-lasting, forward-looking cooperation based on trust from the outset. This is how long-term partnerships are created with productivity that continues to rise.

We offer more than a good idea:

THE OPTIMAL SYSTEM.



Complete SYSTEM DEVELOPMENT.
Because more is more.

In order to design and develop the optimum system for you, we use state-of-the-art technology, tools and processes. Moreover, our solution-oriented creativity is rooted first and foremost in extensive practical experience and a concentrated pool of expertise. And because we focus on every aspect for you, you stand to benefit more from our services.

Added value. System technology for your products.

- Electronic and mechanical development
- Hardware, firmware and software

Our ENGINEERING.
For your peace of mind.

We design, plan, evaluate and optimise complete production processes – we are well versed in technology, rich in ideas and systematic in our approach. Our engineering services focus on your profitability and flexibility. You can simply concentrate on your company's core areas of expertise, as our engineers and technicians enable you to keep a clear head for the things that determine your success.

We talk to you as we think:

IN YOUR TECHNICAL LANGUAGE. AND ABOUT YOUR SOLUTIONS.

Successful QUALITY MANAGEMENT.
With our knowledge.

We support your product development, paying attention to every process that concerns quality and ensuring the complete traceability of all details. Furthermore, we assist you with our knowledge of product documentation, approval and testing as well as validation of usability and application testing. In this way we can guarantee the reliability of your products – and the highest level of quality.

Flexible PRODUCTION.
Piece by piece.

The production of complex mechatronic components as well as complete units and systems is part of JÜKE's core competence. We are flexible when it comes to manufacturing, be it individual products or small and medium-scale series production. Reliability and high productivity are assured by our highly qualified team and modern equipment. We use a modern ERP system, specially developed testing tools and test equipment to ensure the quality of our production and compliance with processing requirements as per EN ISO 13485 and ISO 9001.

We combine high-tech solutions and first-rate service:

FOR FIRST-RATE SUCCESS.

Holistic LIFE CYCLE MANAGEMENT.
For holistic success.
We support you throughout the entire life cycle of your product. Our services range from repair services for units and components, obsolescence management, component storage and spare parts supply to systematic product management with updates, upgrades and redesigns. You can simply take care of marketing and sales – everything else is our job.

High-performance SUPPLY CHAIN MANAGEMENT.
So that everything is covered.
An optimal, efficient supply chain management system is essential for effective collaboration. Our network of reliable external suppliers together with our ERP-supported processes ensure a punctual supply of high quality. By establishing seamless processes, we help you make the most of your potential.

MEDICAL TECHNOLOGY

How do you keep

YOUR EYE ON THE BIG PICTURE

even for the 1,000th part?

Medical technology that sets new standards.
We understand the specific requirements of the medical sector in detail. For our customers, we develop and produce new mechatronic components and systems to specification – individually tailored and systematically optimised. To this end, we work closely with our clients and take care of every last detail concerning technology and processes. If desired, we can then manage all aspects of production and logistics, from prototypes to series and end-of-life production. In many projects, we have a narrower scope – always in line with your needs:

- Concept studies
- Mechanical design
- Electronic design
- Creation of product documentation
- Development
- Production engineering
- Firmware and software
- Support for approval procedures

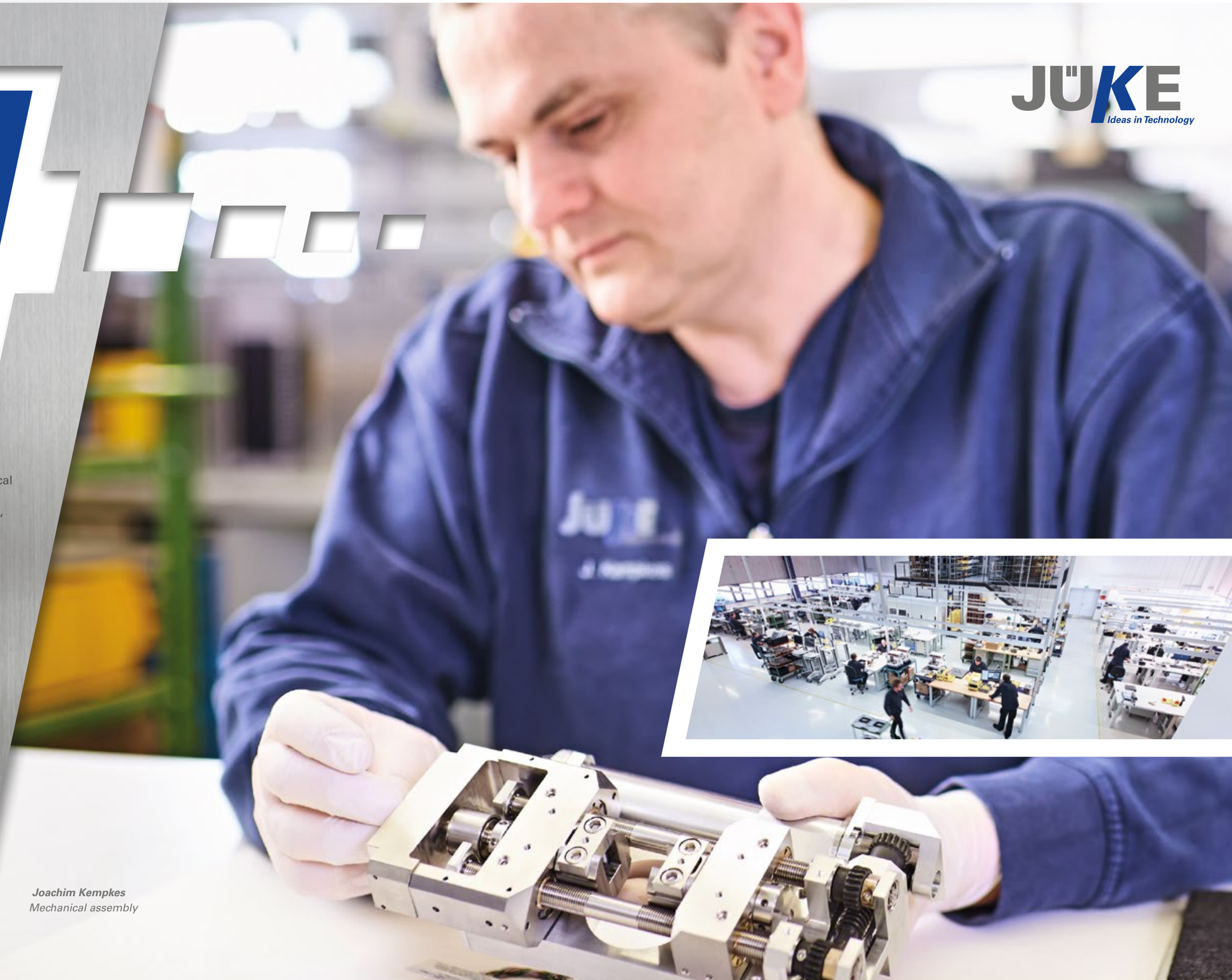
Bernhard Graweloh
Electronics development

OPTICAL TECHNOLOGY

How do you achieve **OPTICAL FUNCTIONALITY** with **MINIMAL SPACE REQUIREMENTS?**

Optical technology that redefines precision.
JÜKE offers a full range of services in the field of optical technology, from components and modules to entire systems. Given our expertise in precision engineering, our advanced technical equipment and our state-of-the-art CNC machinery, we guarantee a reliable and precise design that works.
As your partner for engineering and contract manufacturing for photonics and precision optical technology, we are constantly setting new standards, providing our skills as a single service or complete solution:

- Optical components
- Mechatronic systems
- Electronics and mechanical assembly
- Opto-electronic modules
- ESD assembly benches
- Precision engineering machining



Joachim Kempkes
Mechanical assembly

ANALYTICAL, BIOLOGICAL AND LABORATORY TECHNOLOGY

How can you **WORK TODAY** on the **POSSIBILITIES OF TOMORROW?**

Analytical, biological and laboratory technology that enables new insights. We design, construct and produce components and systems for advanced laboratory equipment and measurement technology in line with your specification. No matter whether you are working on a new product, developments or series optimisation, our many years of experience in sensor technology ensure the highest level of reliability and accuracy for all the desired measurement functions.

We produce functional samples, prototypes and pilot runs on your behalf or even manage every stage of series production. You can simply rely on the combined core competences of JÜKE in the area of analytical, biological and laboratory technology:

- Sensor technology
- Measurement technology
- Signal processing
- Liquid handling
- Gas analysis

Kevin Tuul
Electronics assembly

Christian Brinkmann
Head of electronics

JÜKE
Ideas in Technology

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