

TECHNOLOGY SERVICES

DIGITAL SERVICES AND SOLUTIONS FOR A FUTURE MARKET

In the coming years, the digital transformation will start a completely new chapter in industrial history.

With highly qualified, interdisciplinary and agile working teams we develop in our Technology Unit promising, economic and sustainable solutions for the mechanical engineering world of the future. Our services aim to consistent and efficient digitalization strategies of every promising company.

Besides the necessary technical developments in the mechanical and plant engineering industry, the Technology Unit also focuses on the corporate structures resulting from the digital transformation.



MEDTECH

FOR MAXIMUM QUALITY AND SAFETY

We offer innovative automation solutions in the sectors medical technology and life science – from the concept development up to the end-to-end implementation with maximum standards for quality and safety.

Combined with our expertise in the IIoT sector we guarantee maximum automation and flexibility. Our machines and systems meet the highest clean room and hygiene requirements.



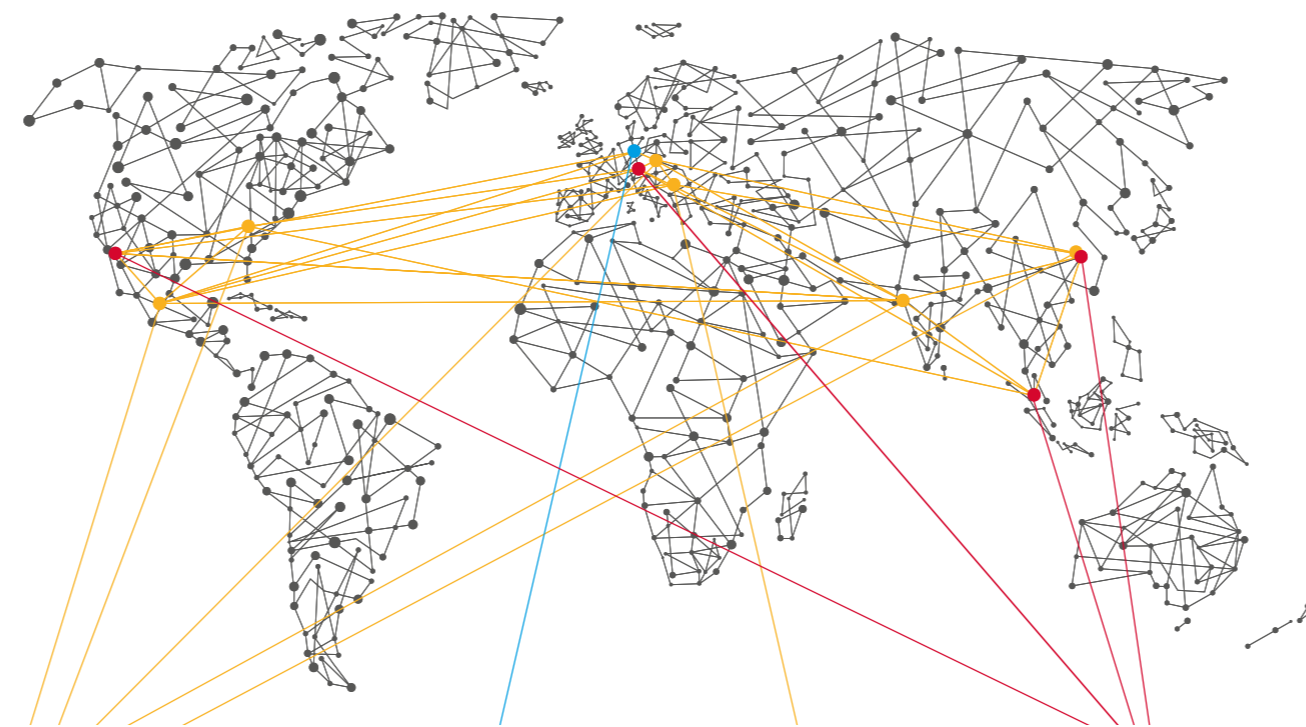
- AI VISION SYSTEMS
- ASSEMBLY OPERATIONS AT FAST CYCLE TIMES
- MODULAR SYSTEMS
- MEDICAL PROTECTIVE EQUIPMENT
- IIOT
- HRC
- QUALITY MANAGEMENT DIN ISO 13485
- LABORATORY AUTOMATION

POWERFUL SYNERGIES: “MEMBER OF STRAMA GROUP”

Strama-MPS develops special-purpose machinery, equipment and complete solutions for the production, assembly and testing of complex technical components and products. International technology groups appreciate our engineering expertise, the experience and the certainty: We lead your project to success.

AuE Kassel has acquired in recent years an excellent reputation with assembly lines for axles and chassis components in the passenger car and commercial vehicle sector. With its axle alignment systems, AuE has long been the world market leader.

For more than 40 years, **F & K DELVOTEC** is the worldwide innovation leader for wire and laser bonders. Technology and quality convince our customers from the industry and the research institutes.



GERMANY, Straubing
CHINA, Taicang
USA, Duncan
MEXICO, Puebla
INDIA, Nashik



GERMANY, Kassel



CROATIA, Cerna
Gradište
GERMANY, Osterhofen



GERMANY, Ottobrunn
USA, Foothill Ranch
CHINA, Taicang
SINGAPORE

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MOVING THE LIMITS.
TOGETHER. CONSTANTLY.



MOVING THE LIMITS. IN AUTOMATION.



PEOPLE. PARTNERS. JOINT SUCCESSES.

Whoever invests in modern production facilities expects a solid “Return” – with Strama-MPS this is realized. We help our customers to succeed globally by providing the technology.

Intelligent special machines deliver significant advantages in production. Standardized components ensure cost efficiency. We combine the best of these two worlds to precision, performance, flexibility and efficiency.

Our customers are successful world-class companies. We could contribute to their achievements and participate at the same time. So we have grown continuously. Over the past ten years, we have doubled the number of our

employees and integrated interesting companies into our corporate group. We have established subsidiaries on three continents. With them, we can ideally complement our portfolio and position ourselves optimally in the world and in the future markets. This enables us to supply our customers in Europe, China, India, Mexico and in the USA, giving them the market advantage: Quality “made in Germany”, top-class engineering, reliable service and provision of “Local Content”.

AUTOMATION TECHNOLOGY

ASSEMBLY & TESTING AS INTEGRATED PROCESS

Automation and assembly & testing systems for complex components and systems are our key disciplines. For decades, the automotive and supplier industry, but also medical, power and electrical engineering have relied on highly efficient and precise automation and assembly solutions from our company.

We have developed our technology, system and process knowhow over decades and in numerous challenging projects. On this basis, we accomplish even complex tasks and requirements – from partially automated work systems up to fully automated complete solutions including integrated testing technology.



- SENSORS
- LIDAR
- POWER ELECTRONICS
- CONTROL UNITS
- BRAKE SYSTEMS

MACHINING CENTERS

STANDARDIZED SPECIAL MACHINES FOR MAXIMUM PRODUCTIVITY

Our rotary table machining centers are used for a complete machining. They are employed in large-scale production, e.g. of door hinges or motor camshafts for the automotive industry.

Short cycle time, quality and precision must be combined with efficiency and longevity. Based on field-proven and continuously optimized basic components from our series ProMoCut® we develop the customized application.



- WHEEL HUBS
- CAMSHAFTS AND CAMS
- DOOR HINGES
- SPIDERS

TEST RIGS

PRODUCT QUALITY PUT TO THE TEST

Speeds of over 20,000 rpm are achieved in the performance-enhanced e-mobility motors! This imposes highest quality standards on components and systems. In recent years, we have continuously incorporated our experience into the further development of our test rigs. Precise measurements and convincing tests with a high reproducibility are the results.

Besides test rigs for gears, gearboxes and battery systems we also supply EoL test rigs and customized solutions.



- E-MOTOR TEST
- GEARBOX TEST
- EOL TEST RIGS
- GEAR TEST RIGS

- TURNKEY SYSTEMS
- DEVICES
- RELOCATIONS
- AUTOMATION
- LOGISTICS
- ASSEMBLY

BODY-IN-WHITE

INNOVATIVE PROJECT HANDLING FOR TOMORROW'S SUCCESSFUL MODELS

The body-in-white sector is facing many challenges. Large investment volumes need to be strategically secured. E-mobility and stringent emission standards call for lightweight construction. The high variance of vehicle models also involves major tasks for production planning and plant engineering. Innovative solutions are required.

As a turnkey partner, we offer you the ready-to-use body-in-white production line precisely tailored to your products, cycles and plans for the future. Being a full-service provider, we also implement the integration of new models into existing installations and handle relocations including logistics with 100 % reliability.



- PV HOME STORAGE SYSTEMS
- E-AXLES
- E-BIKES
- FUEL CELLS

E-MOBILITY

SCALABLE ASSEMBLY LINES FOR A FUTURE MARKET UNDER HIGH VOLTAGE

Our production lines are ideally suited for many e-mobility applications. They enable manufacturers and suppliers to achieve an extremely short time-to-market. At the same time, this allows them to respond flexibly to trends and varying quantities required.

Our solutions can be optimally adapted to different make-and-take scenarios. The production capacity can thus be scaled quickly and exactly adjusted to the needs.



- ROTORS
- STATORS
- E-MOTORS
- EOL TEST RIGS
- POWERTOOLS
- BATTERY SYSTEMS