

STIWA Group: Key player in New Mobility

The targeted use of digitalization and automation creates exactly those competitive advantages, which are needed to stay ahead in global competition. With a process time reduced by a factor of 5, STIWA Group puts its customers in the fast lane. This also makes STIWA a key player in highly efficient battery production.

The automation, production and software solutions of STIWA set new standards in the field of digital, fully automated production. "We make radical reductions in process times possible, with shortest cycle times, far below a second, at a consistent high-performance level. This creates a decisive competitive advantage for our customers", says Peter Sticht, CEO of STIWA Group. Crucial is the combination of automation, manufacturing and software which is unique in the market. "As manufacturer we combine modern mechanical engineering with efficient high-performance production technologies as well as extensive software tools", so Peter Sticht.

STIWA Automation – Specialist for high-performance automation

All topics in the area of energy transition contain a high degree of innovation and technological progress. Experience, professionalism and reliability are essential keystones in this environment and STIWA has been proving this for over 50 years. "We act as development partner right from the product idea and thus implement the resulting cost and efficiency advantages directly in automation", describes Michael Fuchshuber, CEO STIWA Automation, the decisive factor, why STIWA is at the forefront of future trends.

STIWA Automation accompanies customers along the entire product life cycle with high in-house added value from the product idea over the project implementation to the support of the continuous serial production. The focus is on total costs and total benefits. "In the area of battery cells manufacturing we have established high expertise in the fields of cell assembly and electrolyte filling, module and pack assembly as well as inverters and e-drive automation. With this know-how we are experts for our European and American customers", so Fuchshuber.

STIWA Manufacturing – Assembly groups & components for New Mobility

"We stand for innovative as well as cost-optimized product solutions from the idea to serial production – in the future also for assembly groups and components in New Mobility", says Josef Brandmayr, CEO STIWA Advanced Products, giving an insight into the Manufacturing business area in STIWA. With own product and process development, prototype construction, industrialization and production, STIWA Manufacturing acts as one-stop shop. "We use a broad portfolio of state-of-the-art manufacturing technologies, supported by our own toolmaking department. Thus, we offer our customers highly innovative solutions in scalable realization stages", so Brandmayr.

STIWA Shopfloor Software – Full transparency and control of the entire production process

Specialized software solutions and efficient technical analyses ensure noticeable performance and quality increases in battery production. In addition, STIWA's AI-assisted software guarantees full transparency and traceability across all production processes and therefore guarantees 100% transparency. STIWA Shopfloor software solutions provide the necessary data for solid decisions in manufacturing and enable control over the production lines with a comprehensive control center in heterogeneous machine parks. STIWA creates the basis to optimize productivity and to minimize run-up phases of machines and systems by its Shopfloor Analytics and Business Intelligence (BI).

In particular, the connection of Operational Technology (OT) and Information Technology (IT) is key for machine optimization, explains Peter Sticht: "We use standardized interfaces and rely on common industry standards such as OPC-UA or ProfiNet. For even deeper data integration, we use our STIWA Machine Connector (MaCo) interface, which is used on thousands of systems worldwide."

Press briefing

Attnang-Puchheim / Stuttgart, June 18, 2024



Local for local

With locations in Europe, USA and Asia, STIWA supports all customers directly on site. Customers in the New Mobility segment also benefit from this global production network. “With our investment in the expansion of our production site in Rock Hill, South Carolina (USA), we take another step in the expansion in the American market and thereby are well prepared for an increased demand in high-quality automation solutions. The plan for a production site for battery components in Canada is also progressing”, says CEO Peter Sticht, giving an outlook into the future.

About the STIWA Group

The STIWA Group is an internationally operating specialist in the field of automation with the headquarter in Attnang-Puchheim and counts well-known customers like Blum, thyssenkrupp Presta, VW, Bosch and Greiner Bio-One to its customers. STIWA employs thereby more than 2,400 employees on three continents and achieved a turnover of more than 360 million euros in the financial year 2023/24.

Further information: Katharina Gstöttenbauer, STIWA Holding GmbH, Communication & Marketing

Mobile: +43 664 80803 888 – Email: katharina.gstoettenbauer@stiwa.com