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Successful Feintool Bipolar Plate and Hydrogen Technology Symposium in Taicang, China

In cooperation with our technology partner SITEC, we proudly look back on a successful Hydrogen Symposium exchanging trends and knowledge at our state-of-the-art joint production site in Taicang, China. With existing and potential new customers, hydrogen technology network representatives and government officials we took a deep dive into the integrated production process at the plant and discussed key success factors for the design and production of metallic bipolar plates for fuel cells and electrolyzers.

“In our rapidly evolving world, sustainable green energy solutions are more crucial than ever,” says Feintool CEO Torsten Greiner, who held the opening keynote in Taicang. “Together we are shaping China’s energy systems of the future - climate-friendly and sustainable. Feintool strives to become a global benchmark manufacturer for metallic bipolar plates and interconnects for fuel cells and electrolyzers.”

The hydrogen symposium was entirely focused on facilitating the exchange of knowledge around the mass production of high-precision metallic bipolar plates. Together with existing and potential new customers as well as third-party hydrogen market experts (incl. Shanghai Jiaotong University) we elaborated on the needs and the further development of the hydrogen industry – with a special emphasis on the function-critical components of Feintool and SITEC. Furthermore, our experts demonstrated the added value of our high-end production process and development pipeline to the interested audience.

CEO Torsten Greiner expresses his delight with what Feintool has accomplished in China: “We are very proud of the joint production site in Taicang, where custom and ready-to-install hydrogen components are produced – leveraging ultra-precise FEIN-forming processes for metalworking, laser welding, coating, sealing and integrated quality assurance within the production line.” Dr. Jörg Lässig, Managing Director of SITEC, adds: “This strong cooperation enables us to provide a full-service chain which is highly wanted on the market. Our joint offering is a state-of-the-art approach to shaping and serving the hydrogen applications market.”

Feintool's range for hydrogen applications (bipolar plates and interconnects for fuel cells and electrolyzers) marks a decisive contribution to the company's future-oriented technology strategy, which focuses on components for the generation, storage, and use of green energy.

Discover the joint hydrogen portfolio of Feintool and SITEC: <https://bipolarplates.com/>

About Feintool

Feintool is an international technology and market leader in electrolamination stamping, fineblanking and forming. We manufacture high-quality precision parts in large volumes from steel. We supply the automotive industry, energy infrastructure equipment providers, and all manner of high-end industrial manufacturers. Feintool's products perfectly complement the megatrends for green energy generation, storage, and usage.

Our core technologies deliver measurable cost-efficiency, consistent quality, and improved productivity. Feintool constantly expands the horizons of its production methods and develops intelligent solutions, innovative tools, and state-of-the-art manufacturing processes in line with customer needs.

Founded in 1959 and headquartered in Switzerland, the company has 18 production sites in Europe, USA, China, Japan and India with 3,200 employees and 85 vocational trainees. Feintool is publicly listed and majority-owned by the Artemis Group.

About SITEC

SITEC is an internationally valued partner and system supplier for automated high-tech production systems and the series production of precision parts and assemblies.

Focusing on the use of innovative technologies, and the highest quality, we develop turnkey solutions for laser processing and automated assembly for versatile and advanced industries.

Founded in 1991 and headquartered in Germany, the company serves Asian markets directly on site via SITEC Laser Technology (Shanghai) Co., Ltd. and operates a showroom in Pittsburgh, USA. With teamwork and dedication, around 300 employees manufacture increasingly innovative products, that take the customer to the next level.

SITEC is growing with the challenges of its customers and the market, such as the economical production of future-oriented products in the field of e-mobility or self-sufficient storage technologies based on fuel cells and interconnects. We have been producing laser-welded bipolar plates on behalf for customers since 2012.