

Press release

Expanding capabilities for a brilliant result

Toolcraft invests in an advanced polishing system.

Georgensgmünd (D), 04/10/2021: Modern manufacturing processes must be able to respond to current conditions: Both to customer-specific requirements and to the further development of technical possibilities. In this context, it is always necessary to simplify manual processes or to support them with machines. For this reason, Toolcraft recently invested in a system for polishing metal components.

Highest precision for complex components

Toolcraft AG, based in Middle Franconia, offers both additive and subtractive manufacturing technologies, including post-processing steps. This also includes the deburring and polishing of precision components. Until now, this step was carried out manually, which was both labour-intensive and time-consuming. For this reason, Toolcraft recently invested in a "DLYte PRO500" polishing system from GPAINNOVA, thus expanding the technical possibilities for post-processing. A homogeneous result across the surface is guaranteed by the patented DryLyte technology: The dry electropolishing process works by transporting ions and delivers an optimal result even with complex component geometries. At Toolcraft, the new system is currently used to polish both additively manufactured and conventionally machined components. Numerous parameters can be selected for different requirements and materials. "This is a future-oriented investment that we want to use to expand our capabilities and offer our customers additional added value," says Christoph Hauck, Chief Technology and Sales Officer at toolcraft AG.

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About Toolcraft

The medium-sized family-owned company, located in Georgensgmünd and Spalt, was founded by Bernd Krebs in 1989. Toolcraft is a pioneer of forward-looking technologies, such as additive manufacturing and the construction of customised turn-key robotic solutions. As a provider of comprehensive solutions, Toolcraft covers the entire process chain, from the initial idea to manufacturing, quality assurance and testing in the areas of CNC machining, additive manufacturing, injection moulding and mould making. Its clients include market leaders in the semiconductors, aerospace, medical technology, optical, special machinery manufacturing, motor sports and automotive industries. Building close working relationships with collaborative partners as well as universities, other institutions of higher education and research centres is an important part of its corporate philosophy.