

*Alicona, Press Release, May 2013*

## OTEC switches to Alicona

**OTEC Präzisionsfinish GmbH, a manufacturer of machines for deburring, grinding, burnishing and polishing, is replacing its current optical measuring system for edge measurement with an Alicona measuring system. As a specialist in mass finishing machines, OTEC knows all about optical and tactile measuring techniques and sees in Alicona a partner who is “close to the market” and focused on meeting customer requirements.**

OTEC's general manager Soran Jota explains the changeover to Alicona in the following terms: “The main reason for deciding in favour of Alicona measuring systems for edge measurement is the higher quality of the measurements. Using the Focus Variation technique gives us better resolution and greater accuracy as well as a wider range of applications.”

In addition to edge measurement, OTEC is also planning to use the Alicona range of products in other areas. Above all, the machine manufacturer intends to draw on the benefits which only a system able to measure roughness, shape and position in high resolution can deliver. This enables OTEC to further optimize its quality assurance processes efficiently and economically. The areas of application for Alicona measuring solutions cover all complex and intricate geometries of the deburred, ground, burnished or polished workpieces and tools treated in mass finishing machines. This means that OTEC can quickly and easily show the quality of the finish to its customers.

In Alicona, OTEC also sees a highly user-oriented manufacturer, as the experienced OTEC metrology expert Walfried Wölk emphasizes: “Alicona is very close to our market. In addition to high precision, we also benefit from very easy handling, which shows sensitivity to the needs of the user. From our point of view, this is quite simply the best there is at the moment.”

Helmut Gegenheimer, founder and managing director of OTEC Präzisionsfinish GmbH anticipates that this cooperation will bring additional benefits for the customers who use his machines. “I expect the introduction of these measuring systems to deliver new opportunities and insights which we can convert into even more innovative machines for high-precision, economical surface finishing.”

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### **About Otec**

OTEC Präzisionsfinish GmbH in Straubenhardt develops and manufactures innovative mass finishing machines for cost-effective high-precision surface finishing. OTEC GmbH specialises in precision engineering for the creation of perfect surfaces. OTEC machines provide efficient deburring, grinding, burnishing and polishing of tools, turned parts and milled parts. In particular, OTEC machines are ideal when very smooth surfaces are called for and can easily produce the highly polished the surfaces required for implants in the medical device sector. In such cases, even RA values of  $< 0.01$  can be achieved.

A network of over 40 agents and distributors enables OTEC to provide a local service for its international customers from many branches of industry. OTEC's customers benefit from the comprehensive know-how of this technology leader and the company's ability to determine the perfect combination of machine and processing medium.

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### **About Alicona**

Alicona is a global supplier of optical 3D surface measurement solutions for quality assurance in the lab and in production. The company's core competence lies in the measurement of form and roughness of even the most complex, miniaturized geometries. With Focus Variation, Alicona's key technology, this manufacturer of 3D measuring systems offers a technique that combines conventional surface measurements with micro coordinate metrology. For the user, this means that only one system is needed to measure both the geometry and the roughness of component surfaces. This stable process delivers repeatable and traceable measurements even under manufacturing conditions.

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Photo: Alicona measuring system in operation at Otec

