

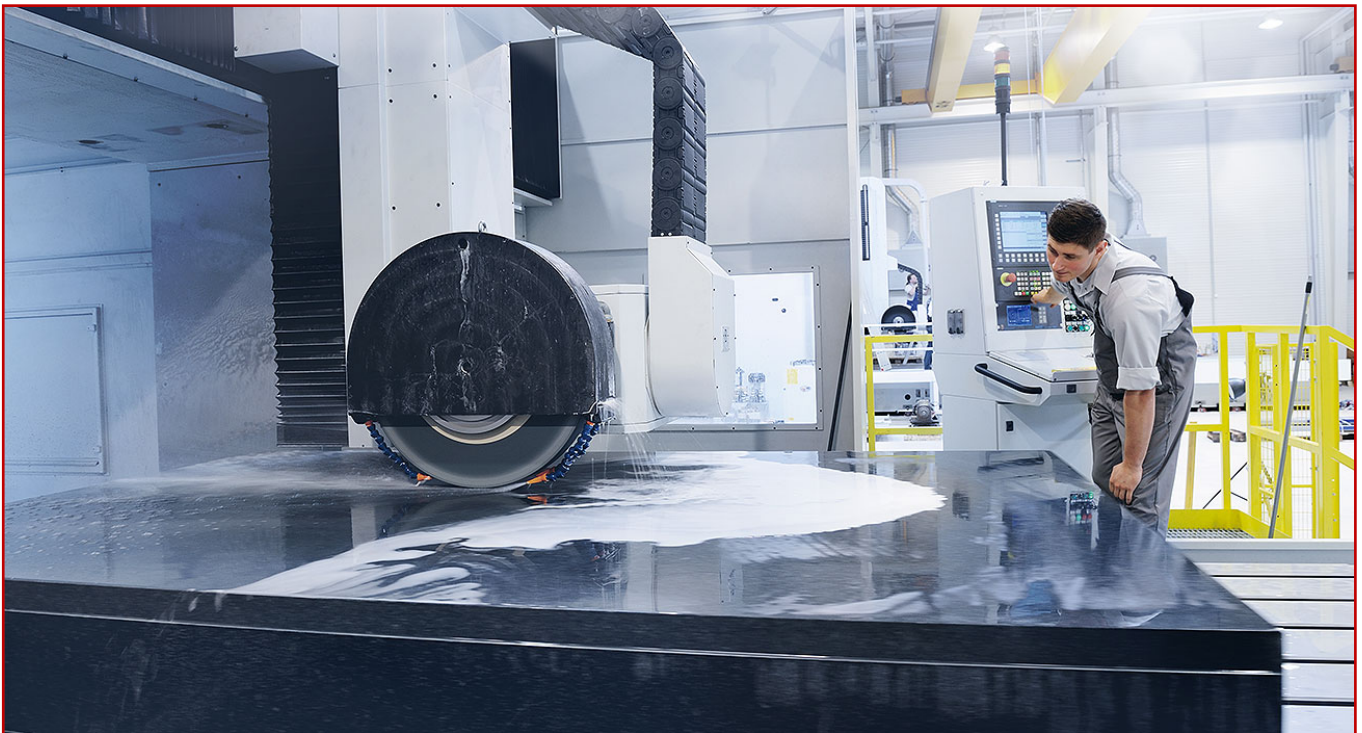
# RAMPF Celebrates Precision Grinding Milestone

Grinding center machines 10,000<sup>th</sup> machine bed / End-to-end service concept for mineral casting, hard stone, ultra-high performance concrete, ceramics, gray cast iron, and steel

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Wangen (Göppingen), Germany, September 1, 2021. RAMPF Machine Systems' Precision Grinding Center recently machined the 10,000<sup>th</sup> machine bed made of mineral casting. At the ultra-modern plant in Bessenbach, Germany, RAMPF grinds its own high-precision machine components and offers a holistic contract grinding service for mineral casting, hard stone, ultra-high-performance concrete, ceramics, as well as gray cast iron and steel.



The RAMPF Machine Systems Precision Grinding Center offers an end-to-end service concept for the contract grinding of high-precision machine components. State-of-the-art equipment and a fully climate-controlled production hall ensure highest quality and fast delivery.

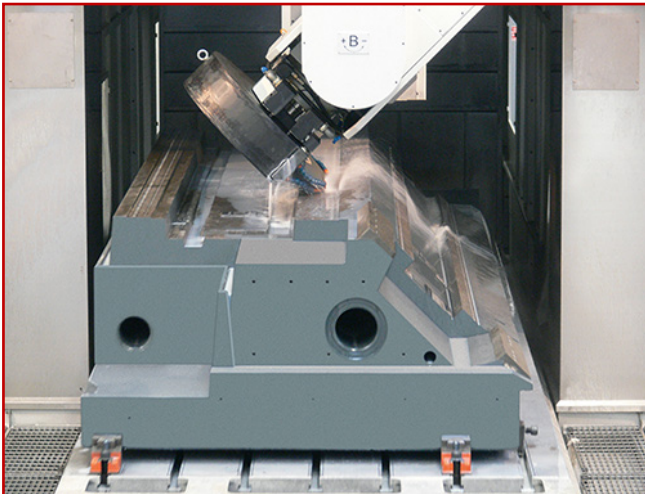
Wolfgang Goldmann, Head of Precision Manufacturing at RAMPF Machine Systems – “We are very proud of this achievement. Since it was founded in 2010, the grinding center has established itself as a high performing, innovative, and reliable partner to industry. We look forward to processing the next 10,000 machine components.”

With a production area of 2,100 m<sup>2</sup> and a three-shift-operation, the RAMPF team of experts offer a comprehensive service for all aspects of high-precision flat grinding and guideway grinding. This includes

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- > Grinding of mineral casting, hard stone, ultra-high performance concrete, ceramics, gray cast iron, and steel up to 7,000 × 2,650 × 2,000 mm (L × W × H) and 25,000 kg
- > Technical and design advice
- > Hand lapping of components with high-precision requirements
- > Measurement and documentation of accuracies in the µm range at fully air-conditioned measuring stations (+/- 0.5 C° annual deviation) using autocollimators, electronic inclination scales, and laser interferometers
- > Holistic manufacture of precise and dynamic moving systems and basic machinery, including joining (bonding, bolting)
- > Precision assembly of add-on components such as guideways, measuring systems, and drives



Wolfgang Goldmann – “Our customers' high-tech machines have to meet the highest precision requirements. With our holistic full service for everything to do with surface grinding and guideway grinding, we have guarantee for the necessary process and quality requirements.”

**Video: RAMPF Machine Systems Precision Grinding Center**

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[www.rampf-group.com](http://www.rampf-group.com)



**RAMPF Machine Systems GmbH & Co. KG**, based in Wangen (Göppingen), Germany, is the leading supplier and development partner for system solutions, trunk machines, and basic machines, as well as multi-axis positioning and moving systems based on high-precision machine beds and machine bed components made from alternative materials.

The portfolio of high-performance materials includes mineral casting, ultra-high performance concrete (UHPC), natural hard stone, metal foam, and fiber composites. These materials provide a solid basis for ultra-precise and high-performance machine beds and machine bed assemblies.

The full range of services provided by the company includes everything from engineering to production, as well as assembly, system solutions, customer-specific multi-axis positioning and moving systems, and basic machines – from single-piece to series production in customized supply chain solutions.

Using innovative casting, grinding, and lapping processes, as well as high-performance assembly and testing equipment in temperature-controlled production environments, exceptional accuracy of machine bases and basic machines is guaranteed.

RAMPF Machine Systems is a company of the international **RAMPF Group** based in Grafenberg, Germany.

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