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**Renishaw to launch new AM system at Formnext 2024**

Global engineering technologies company, [Renishaw,](https://www.renishaw.com/en/metal-3d-printing--32084?utm_source=StoneJunction&utm_medium=HN&utm_campaign=Formnext_Teaser&utm_id=REC802&utm_term=RenAM_new_system&utm_content=owned) will launch the latest offering for its RenAM 500 series of metal additive manufacturing (AM) systems at Formnext 2024, in Frankfurt, Germany, from November 19 to 22. In Hall 11.0, Booth C11, Renishaw’s team of AM experts will host demonstrations of the new system on the Renishaw stand throughout the show.

With its advanced laser technology and intelligent process monitoring capabilities, the RenAM 500 series delivers unparalleled control throughout the AM process, ensuring consistently high-quality parts. The upcoming addition to the series will help meet the needs of more recent adopters of AM looking for a lower initial investment, without compromising on part quality.

“After launching our most recent developments, TEMPUS™ technology and the RenAM 500 Ultra, at Formnext 2023, it felt natural to launch our next system at this year’s show,” explained Louise Callanan, Director of Additive Manufacturing at Renishaw. “The reception at the event last year was incredibly positive, with attendees excited about the exceptional results they could achieve with more productive systems.”

“Reducing cost per part has always been integral to widening the adoption of AM,” continued Callanan. “Our most recent launch of TEMPUS technology and the RenAM 500 Ultra system focused on productivity, helping manufacturers reduce build times by up to 50 per cent. As we develop the latest system in the RenAM 500 series, Renishaw aims to lower the entry barrier to metal AM, to ensure that manufacturers of any size can find a system that provides value and quality.”

All Renishaw’s RenAM 500 series systems, including the RenAM 500 Ultra, are available with high powered lasers that access the whole powder bed simultaneously. This allows for efficient laser assignment and significantly higher build rates, improving productivity and lowering cost per part. The latest RenAM 500 Ultra system is fitted with TEMPUS technology, which allows lasers to fire as the recoater moves, removing up to nine seconds of build time per layer. Existing RenAM 500 series customers can upgrade to TEMPUS technology, helping them to make the most of their machine investment.

Renishaw will launch the new system on the first day of Formnext 2024 and will host regular demonstrations throughout the event. For those interested in having a personal demonstration of the new system, contact your local Renishaw office to organise a meeting at the show.

For further information on the RenAM 500 series, visit [www.renishaw.com/en/metal-3d-printing](https://www.renishaw.com/en/metal-3d-printing--32084?utm_source=StoneJunction&utm_medium=HN&utm_campaign=Formnext_Teaser&utm_id=REC802&utm_term=RenAM_new_system&utm_content=owned)

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**Notes to editors**

**About Renishaw**

Renishaw is a world leading supplier of measuring systems and manufacturing systems. Its products give high accuracy and precision, gathering data to provide customers and end users with traceability and confidence in what they’re making. This technology also helps its customers to innovate their products and processes.

It is a global business, with over 5,000 employees located in the 36 countries where it has wholly owned subsidiary operations. The majority of R&D work takes place in the UK, with the largest manufacturing sites located in the UK, Ireland and India.

For the year ended June 2023 Renishaw recorded sales of £688.6 million of which 95% was due to exports. The company’s largest markets are China, USA, Japan and Germany.

Renishaw is guided by its purpose: Transforming Tomorrow Together. This means working with its customers to make the products, create the materials, and develop the therapies that are going to be needed for the future.

Further information at [www.renishaw.com](http://www.renishaw.com/)