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**Renishaw launches super-productive RenAM 500 Ultra at Formnext 2023**

To give metal additive manufacturing (AM) users the tools to produce parts faster, global engineering technologies company, Renishaw, is expanding its RenAM 500 series with the launch of the RenAM 500 Ultra AM system at Formnext 2023. Visitors to hall 11.0, stand C11, will see that the new system offers the ultimate in AM capability at a highly competitive price point and delivers significant productivity benefits: by cutting build times by up to 50% without compromising on quality.

The RenAM 500 Ultra system includes all of the existing benefits of the RenAM 500 series, including industry-leading optical, chamber and gas-flow design, with the addition of newly-launched productivity boosting TEMPUS™ technology and advanced process monitoring software.

TEMPUS technology incorporates new scanning algorithms that allow the laser to fire while the recoater is moving, saving up to nine seconds per build layer. Furthermore, the RenAM 500 Ultra’s advanced process monitoring software delivers detailed insights into the build, equipping users with data and providing in-process visibility.

The RenAM 500 Ultra metal AM system is the latest model in the RenAM 500 family, which also includes the Flex system, optimised for R&D work, and the flagship closed loop powder recirculation model for series production. All the RenAM 500 family is available with one (500S) or four (500Q) high powered lasers, each able to access the whole powder bed simultaneously. The RenAM 500Q Ultra and the RenAM 500S Ultra are available to order now.

“Ultra is the ultimate system for productivity in Renishaw’s current range,” explained Louise Callanan, Director of Additive Manufacturing at Renishaw. “We designed it for AM users who want full-scale production at the lowest cost per part.”

“The RenAM 500 Ultra system produces exactly the same high part quality you expect from the rest of the RenAM 500 series, but twice as fast,” added Callanan. “We’re excited to bring this new model to market as we believe that increasing productivity and lowering cost per part will facilitate wider industry adoption of AM.”

For further information on Renishaw metal additive manufacturing, visit [www.renishaw.com/en/additive-manufacturing-solutions](http://www.renishaw.com/en/additive-manufacturing-solutions).

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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/)