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**Renishaw showcases flexible additive manufacturing at Formnext 2021**

Global engineering technologies company [Renishaw](https://www.renishaw.com/en/--32084?utm_source=Stone%20Junction&utm_medium=PR&utm_campaign=REC533) will showcase its new flexible additive manufacturing (AM) systems at Formnext 2021. At the event, which takes place in Frankfurt from November 16th to 19th 2021, Renishaw will launch the RenAM 500S Flex, a single laser AM machine and the RenAM 500Q Flex, a four laser AM machine, for the first time. Visitors will find Renishaw on stand 120-C139.

The new machines utilise the existing RenAM 500 technology from its parent machine, RenAM 500S/Q but additionally provides manufacturers with the flexibility to easily swap powders when acting as a bureau. Manufacturers can also develop prototypes in various materials during research and development (R&D) processes. While previous products recirculated powders to reduce manual intervention, the new range provides manufacturers with the option to change powders in-house, making it suitable for a different range of applications.

Additionally, the new range is particularly important when working with precious metals such as copper, gold and platinum, because users can ensure all the unused powder is collected to avoid unnecessary costs. The ability to collect the powder manually means that none is lost in the inner workings of the machine.

“Previously, manufacturers required an external specialist engineer to change the powder in the machine, which could be costly and time consuming,” explained Lily Dixon, AM Project Manager at Renishaw. “During the installation of the machinery, manufacturers will undergo training sessions about how to get the most from their investment and safely change powder to realise the full potential of these flexible systems.

“Once the R&D stage is complete or the manufacturer no longer requires a flexible AM system, the systems are one of the only AM machines on the market that can be adapted into a recirculating machine,” continued Dixon. “Through Beta testing of both the machinery and training, we have already made sure to combat any potential challenges that customers may face, so that users will get the most from our machines and training.”

Formnext is the meeting point for intelligent industrial production. Experts from a wide range of industry sectors such as mechanical engineering, medical technology and electrical engineering are coming together to discover new innovative production technologies. Formnext is planning its hybrid trade fair providing digital days for those who are unable to attend. To book your ticket for Formnext, click [here](https://formnext.mesago.com/frankfurt/en.html#conversionteaser?utm_source=Stone%20Junction&utm_medium=PR&utm_campaign=REC533).

For further information on Renishaw and its products, visit [www.renishaw.com](https://www.renishaw.com/en/renishaw-enhancing-efficiency-in-manufacturing-and-healthcare--1030?utm_source=Stone%20Junction&utm_medium=PR&utm_campaign=REC533)

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**Notes to editors**

UK-based Renishaw is a world leading engineering technologies company, supplying products used for applications as diverse as jet engine and wind turbine manufacture, through to dentistry and brain surgery. It has over 4,500 employees located in the 37 countries where it has wholly owned subsidiary operations.

For the year ended June 2020 Renishaw recorded sales of £510.2 million of which 94% was due to exports. The company’s largest markets are China, the USA, Japan and Germany.

Throughout its history Renishaw has made a significant commitment to research and development, with historically between 13 and 18% of annual sales invested in R&D and engineering. The majority of this R&D and manufacturing of the company’s products is carried out in the UK.

The Company’s success has been recognised with numerous international awards, including eighteen Queen’s Awards recognising achievements in technology, export and innovation.

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