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**Renishaw smart manufacturing solutions return to long-awaited MACH 2022**

Precision engineering and manufacturing technologies company, [Renishaw](https://www.renishaw.com/en/renishaw-enhancing-efficiency-in-manufacturing-and-healthcare--1030?utm_source=Stone+Junction&utm_medium=HN&utm_id=REC571), will showcase its latest innovations for measurement, calibration, additive manufacturing and motion control, at MACH 2022, from April 4thto 8th 2022, at the NEC, Birmingham, UK. The stand, Hall 19, stand 300, will also feature a full end-to-end manufacturing demonstration of Renishaw's smart manufacturing technologies.

Innovations on display include the FORTiS enclosed optical linear absolute encoder series which is ideal for use in harsh environments such as in machine tools and other industrial machinery. The RUP1 probe, shown for the first time in the UK at MACH, is a single-sided ultrasonic thickness measurement solution for use with the REVO® 5-axis multi-sensor system for co-ordinate measuring machines (CMMs). Also on display will be Renishaw’s new ACS-1, a machine tool probe calibration device aiming to make calibration more consistent, accurate and easier compared to traditional manual methods.

Visitors to the Renishaw stand can also see a complete demonstration of the end-to-end manufacture of a tibial tray, a critical component of a replacement knee joint. From initial additive manufacturing of the near-net shape, through intermediate machining operations, to quality verification, the exhibit provides a clear insight into the full range of solutions that Renishaw offers manufacturers.

“The cancellation of MACH 2020 was challenging for us all,” explained James Watson, OEM Accounts Manager at Renishaw. “Having an opportunity to finally take part in a large UK exhibition again, reconnect with manufacturers and to display alongside industry suppliers and close partners, is a welcome one.”

Renishaw will be joined by associate metrology company MSP, which will be showcasing its advanced on-machine metrology software and AutoClock, a fully automated calibration solution.

Featuring around 400 exhibitors, MACH is the UK’s national exhibition for connecting manufacturing engineers, decision makers, buyers and specifiers with suppliers. The event, organised by the Manufacturing Technologies Association, provides a voice for the manufacturing technologies industry, is committed to driving innovation, creating value and helping UK manufacturing to thrive.

For further information about other events Renishaw will be exhibiting at in 2022, visit [www.renishaw.com/events](https://www.renishaw.com/en/events--6785)

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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 5,000 employees located in the 37 countries where it has wholly owned subsidiary operations.

For the year ended June 2021 Renishaw recorded sales of £565.6 million of which 95% 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/)