*June 2023 – for immediate release*

**Renishaw to launch suite of new manufacturing technologies at EMO Hannover 2023**

To showcase its extensive range of technologies for productive and sustainable manufacturing, global 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=Hard+news&utm_campaign=EMO+Hannover+2023&utm_id=REC676), will attend EMO Hannover 2023 in Germany from the 18th to 23rd of September. In Hall 6, stand B32, Renishaw will showcase a range of new products that deliver improved performance accuracy and repeatability, including a new line of products for industrial automation, and Renishaw Central, its new smart manufacturing data platform. As part of EMO Hannover’s focus on the future of business and connectivity, Renishaw will highlight the capabilities that make it a trusted partner in innovation.

On the stand, Renishaw will show attendees technologies that can help increase manufacturing productivity, eliminate user error and improve production processes. This includes its new data-driven solution, Renishaw Central: a manufacturing connectivity and data platform that collates and presents data collected throughout manufacturing processes, enabling users to monitor and update machining and quality control systems. The data platform can digitalise, visualise and control manufacturing and measurement processes, helping Renishaw achieve a 69 per cent reduction in automation stoppages in its own machine shops.

Renishaw’s new product line designed for the industrial automation market will also be on the stand, aiming to transform the process of commissioning and servicing industrial automation technologies. The range comprises three products: RCS L-90, RCS T-90 and RCS P-series, all supported by a dedicated software suite to help simplify robot set-up, health checks and recovery of robotic applications following collisions.

“Manufacturers across Europe — ourselves included — are facing multiple challenges to increase automation and become more productive, competitive and sustainable while overcoming skills shortages and major technology shifts in the automotive industry,” explained Paul Maxted, Director of Industrial Metrology Applications at Renishaw. “We’re looking forward to showcasing our wide range of technologies for smart manufacturing, process automation and increased digitalisation around CNC machining. Visitors to our stand at EMO Hannover will discover our innovative solutions for shopfloor metrology and consolidating end-to-end process data for closed-loop CNC automation, manufacturing traceability and ongoing process and product optimisation.”

At the show, Renishaw will also demonstrate how manufacturers can use tools to improve precision, speed and productivity at every stage of the manufacturing process, without compromising on accuracy. For example, the REVO® 5-axis multi-sensor system for co-ordinate measuring machines (CMMs) will be featured with its extensive range of probes for complex inspection applications. The system provides automatic switching between tactile scanning, touch-trigger, ultrasonic, vision and surface finish measurement. The system’s innovative design maximises CMM inspection capabilities with patented 5-axis measurement technology to offer a future-proof inspection solution to manufacturers across multiple industries, including aerospace, automotive and medical.

For machine tool users, Renishaw will also showcase HPMA-X, its latest tool setting arm for large CNC lathes, offering arm lengths between 500 and 1000 mm. It will also highlight the new RMP24-micro, the world’s smallest wireless machine tool probe, that measures just 24 mm in diameter and 31.4 mm in length. Designed for automated job set-up and inspection, it will appeal to manufacturers making high-value, high-precision miniature components, such as those found in the medical, watchmaking and micro-mechanics industries.

For visitors looking for machine calibration products, the latest update to the CARTO software suite (version 4.8) will also be on the stand, now featuring support for the Renishaw XM-60 multi-axis calibrator to enhance the monitoring of precision machinery. This will feature alongside Renishaw’s highly productive multi-laser additive manufacturing (AM) systems for precision component production. Also shown will be FORTiS™ enclosed encoders, which can help machine tool builders produce machines that meet high performance and environmental standards.

“Our success over 50 years has been built on providing robust and reliable products that solve manufacturing problems across a wide range of industry sectors,” explained Will Lee, Chief Executive at Renishaw. “We’re seeing customers struggle with reducing production errors and material waste and wanted to provide them with automated tools to better connect data across the various production stages. That way, customers don’t need to compromise on speed, accuracy or flexibility. Our solutions can demonstrate the role of newer technologies, such as AM, in the future of manufacturing and how its technologies can help meet sustainability goals.”

[EMO Hannover](https://emo-hannover.com/) is the world's leading trade fair for production technology. This year, the event is focusing on the future of business, connectivity and sustainability, offering industry leaders to demonstrate the latest innovations in the field.

For further information on Renishaw’s offering visit <https://www.renishaw.com/emo>

**-ENDS-**

**Notes to editors**

Renishaw is a world leading supplier of measuring systems and production 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 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 2022 Renishaw recorded sales of £671.1 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 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/)