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**Renishaw and British Cycling crank up preparations for LA 2028 Summer Games**

British Cycling and [Renishaw](https://www.renishaw.com/?utm_source=REC935&utm_medium=PR&utm_campaign=REC935) have renewed their long-standing partnership for a third consecutive Olympic and Paralympic cycle. As preparations get underway for the Los Angeles 2028 Games, the two organisations will work closely on a new wave of technical developments with a focus on aerodynamics, mechanical optimisation, and strength-to-weight engineering for elite track cycling.

The first year of this partnership will centre around research and development, with Renishaw’s engineers exploring how advanced manufacturing — including metal additive manufacturing (AM) — can deliver performance gains.

“This is the point where we start rethinking what’s possible,” said Ben Collins, Lead Additive Manufacturing Applications Engineer at Renishaw. “In these early stages, we are not just tweaking existing designs — we are challenging ideas, experimenting with form and function and asking how engineering can once again move the needle for the Great Britain Cycling Team.”

Renishaw has been part of British Cycling’s world-class programme since before Tokyo 2020 and played a key role in delivering the track bike used at Paris 2024. For the 2024 Games, Renishaw supplied over 1,000 precision components across 32 track bikes, including custom 3D-printed titanium cranks and a revolutionary aerodynamic seat post designed to allow air to flow directly through the centre of the bike.

The focus now shifts firmly to Los Angeles, with three years ahead to explore, prototype and refine. Following the research phase, Renishaw will manage a series of low-volume AM production runs for newly developed parts and components to be rigorously tested. This enables rapid iteration, ensures every component meets performance demands, and delivers uniformity and reliability at the highest levels of international competition..

“We have built a strong partnership with Renishaw over the past two cycles, and that trust is critical as we head into LA,” said Stephen Park CBE, Performance Director for the Great Britain Cycling Team. “The team’s engineering insight and capabilities help us stay ahead of the competition and this makes a real difference when it comes to winning on the world stage. We’re proud to be partnering with Renishaw for a third time to push the boundaries of what’s possible for British athletes as we support their quest for gold medals.”

This continued collaboration reflects British Cycling’s recently launched strategy, which calls for innovation, global leadership and impact at every level, from medal-winning performances to the broader transformation of cycling in the UK. The Renishaw partnership directly supports British Cycling’s commitment to‘win well’ combining credibility, care and performance to inspire current and future generations of riders.

More information on Renishaw’s support for British Cycling will be shared in the run up to LA 2028. For further information on Renishaw visit [www.renishaw.com](http://www.renishaw.com).

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**Notes to editors**

**About Renishaw**

Renishaw is a world leader in measuring systems and manufacturing systems. Its products give high accuracy and precision, gathering data to give customers and end users 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 2025 Renishaw recorded sales of £713.0 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 and materials that will define our world in the decades to come, and touch billions of lives.

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