

Trac Precision Solutions Secures Multi-Million-Pound Project with Coolbrook to Drive Clean Tech Innovation

UK and India, October 02, 2025: [Trac Precision Solutions](#) (Trac), part of the [PTC Industries Group](#), has today announced its partnership with [Coolbrook](#), a transformational technology and engineering company, to supply critical machined and cast components for its RotoDynamic Heater (RDH) - a breakthrough technology designed to electrify high-temperature industrial heating processes, significantly reducing global CO₂ emissions.

Coolbrook's RDH Technology is capable of reaching temperatures up to **1700°C**, making it uniquely suited to decarbonise traditionally hard-to-abate sectors such as **steel, cement, petrochemicals, and chemicals**.

This partnership marks a **strategic diversification for Trac**, positioning the company at the cutting edge of the **clean energy transition**, while unlocking significant long-term growth opportunities. At full production, the initial award covers two milled blades and four cast vanes/blades - totalling **27,000 parts annually across 100 engine sets**. Revenues from this partnership are expected to grow in line with Coolbrook's customer sales and are anticipated to reach in excess of ten million pounds annually. A second phase, covering three additional milled components, will be awarded in the near future, further strengthening the collaboration.

Liam Bevington, Managing Director of Trac Precision Solutions, said, "This collaboration with Coolbrook is a landmark moment for Trac. It represents not just a diversification of our business, but a bold step into a sector that is central to the world's sustainability agenda. As Coolbrook scales globally, this programme has the potential to become one of Trac's most significant long-term production lines, delivering steady growth while showcasing our expertise in precision engineering for transformative technologies."

Joonas Rauramo, CEO of Coolbrook, commented, "This partnership with Trac Precision Solutions is an important milestone in Coolbrook's journey to scale our RotoDynamic Heater technology globally."

"As we move from technology development into high-volume industrial deployment, securing a world-class manufacturing partner for key components is an important enabler of our growth. Trac's deep expertise in precision engineering, combined with their commitment to quality and innovation, gives us the confidence that we can deliver at the scale and reliability our customers demand.", added Rauramo.

Strategic Impact and Growth Potential

This collaboration highlights several key opportunities for Trac and the broader PTC Group:

- **Diversification into Clean Tech:** Moving beyond aerospace and power generation, Trac enters the rapidly growing industrial decarbonisation sector.
- **Long-Term Global Growth:** As RDH deployment accelerates, Trac will benefit from a multi-year, high-volume production program with significant expansion potential.
- **Sustainability Alignment:** The partnership directly supports global efforts to combat climate change, boosting Trac's ESG credentials and positioning it as a preferred supplier for environmentally conscious customers.

Sachin Agarwal, Chairman & Managing Director of PTC Industries, commented, "Trac's selection by Coolbrook as their key manufacturing partner is a testament to the trust placed in our group's capabilities. This partnership aligns perfectly with our strategic vision of building a diversified, future-ready business that contributes not only to aerospace and defence but also to the urgent global challenge of decarbonisation. It represents a new chapter of growth for Trac and a significant milestone for the PTC Group as we continue to deliver cutting-edge solutions to the world."



About Coolbrook:

Hailed as the key technology for industrial decarbonization globally, Coolbrook is a transformational technology and engineering company on a mission to decarbonize major industrial sectors like petrochemicals and chemicals, iron and steel, and cement. Coolbrook's revolutionary rotating technology combines space science, turbomachinery and chemical engineering to replace the burning of fossil fuels across all major industrial sectors. The technology has two main applications: RotoDynamic Reactor™ (RDR™) to reach 100% CO2 free olefin production, and RotoDynamic Heater™ (RDH™) to provide carbon-free process heating to iron and steel, cement and chemicals production. Once implemented at scale, the RotoDynamic Technology has the potential to reach temperatures of 1700°C and cut 2.4 billion tons (30%) of annual CO2 emissions in heavy industry. For more information, please visit www.coolbrook.com.

About PTC Industries Limited:

PTC Industries Limited is a leading Indian manufacturer of precision metal components for critical and high-performance applications, with a legacy of over six decades. Through its wholly owned subsidiary, **Aerolloy Technologies Limited**, the company manufactures and supplies titanium and superalloy castings for aerospace applications, serving both domestic and global markets.

PTC is significantly expanding its capabilities through a multi-million-dollar investment in its **Strategic Materials Technology Complex (SMTC)**. This advanced facility will feature capabilities for producing aerospace-grade titanium and superalloy materials, along with state-of-the-art foundries and machining facilities for near-net-shape precision components.

About Trac Precision Solutions Limited:

Trac Precision Solutions Limited, a wholly owned step-down subsidiary of PTC Industries, is a UK-based manufacturer of high-precision components for the aerospace, defence, and power generation sectors. With proven expertise in turbine blades, vanes, and complex machined parts, Trac combines advanced manufacturing processes, rigorous quality systems, and engineering excellence to deliver mission-critical solutions to leading global OEMs. Backed by the scale and vision of PTC, Trac continues to expand its capabilities and capacity to support the next generation of high-performance engine programs.

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