

Innovate

Master Fluid Solutions Announces New Precision Machining Center

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Perrysburg, Ohio, February 15, 2019 – Master Fluid Solutions continues its commitment to its customers across the globe with the announcement of its new Precision Machining Center. Known worldwide for its TRIM[®], long-lasting, premium-performance, and aerospace-approved metalworking fluids, Master Fluid Solutions continues to invest in the development of state-of-the-art cutting and grinding fluids to surpass their worldwide customers' ever-increasing needs for more efficient metalworking fluids that deliver exactly what is needed directly to the point of cut.

Mr. Michael A. McHenry, President and Chief Executive Officer for Master Fluid Solutions commented, "In all aspects, we aim to serve our global customers to the highest level of excellence. This investment is one key element of our goal of speeding up and expanding our innovation and future development processes. We are committed to bringing the best and most productive metalworking fluids to all of our unique customers' high-tech and demanding applications."



Master Fluid Solutions continues its investment in innovation and future development with the creation of their new Precision Machining Center.

"Master Fluid Solutions is a very data-driven company," remarked Dr. Steven M. Florio, Chief Technology Officer for Master Fluid Solutions. "In the course of new product development, we rely on a variety of validated functional tests to drive our product development efforts. Among these tests is a statistically-validated, on-machine method, utilized to evaluate lubricity, which is one of the key performance metrics for any metalworking fluid. Having the ability to control all interactive functional parameters, such as substrate, tooling, machine settings, and of course, the metalworking fluid, allows for an improved ability to optimize performance."

We are really looking forward to utilizing the new Precision Machining Center in our employees', distributors', partners', and customers' training programs. The new center [will] help our customers to further understand the role of the cutting fluids in their challenging manufacturing operations, [which] can lead them to greatly improved process efficiencies that save time, reduce waste, and increase their profitability.

John O. Treese

Director of Global Training for Master Fluid Solutions

Master Fluid Solutions' newly crafted Precision Machining Center includes an advanced, vertical Makino PS105 CNC equipped with through-spindle cooling, high-pressure capability, and 30-tool capacity. The Precision Machining Center also includes many high-tech measuring tools to quickly and efficiently help Master Fluid Solutions collect large amounts of data to guide the product development process.

Dr. Florio continued, "additionally, we know that we can utilize our CNC to develop data that is more relevant to the customer, in their language, utilizing their key metrics. Tool life, surface finish, and optimization of machine parameters will be fully developed for all new-to-market products. Key, in-machine performance characteristics such as foam, rust prevention, and metalworking fluid stability will be vetted as part of our development processes. The ability to establish functionality, to troubleshoot, and to conduct in-machine product evaluations for our customers is also a critical key advantage."

Mr. John O. Treese, Director of Global Training for Master Fluid Solutions excitedly explained, "we are really looking forward to utilizing the new Precision Machining Center in our employees', distributors', partners', and customers' training programs. The new center gives us many new opportunities to help our customers to further understand the role of the cutting fluids in their challenging manufacturing operations. That understanding can lead them to greatly improved process efficiencies that save time, reduce waste, and increase their profitability."

Previously Featured on Master Fluid Solutions' website.

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