



## NEWS RELEASE

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### **Mazak Brings Broad Medical Expertise to MD&M Minneapolis**

*Company's technology and support produces quality parts for patient safety and clinical success*

FLORENCE, Ky., Oct. 16, 2014 – At MD&M, taking place Oct. 29 and 30 in Minneapolis, Minnesota, Mazak will showcase how its advanced machine tool technology and applications expertise can help medical part manufacturers optimize their operations and reduce design-to-market time at the lowest possible cost.

Inside booth 233 at the Minneapolis Convention Center, Mazak will have its new VERTICAL CENTER UNIVERSAL (VCU) 400A 5X and VERTICAL CENTER UNIVERSAL (VCU) 400T machining centers perform real-world cutting demonstrations of medical parts. Applications engineers will also be available to discuss predictable and stable manufacturing methods to stay compliant with stringent medical industry standards and government regulations.

Made in Kentucky, the company engineered its small-footprint VCU Series, which includes nine machines total, to take a simple but innovative approach to precision part production. So while these machines are basic in their design, they feature advanced technologies that bring maximum productivity and value to those making medical components such as implants, orthopedic devices and surgical instruments.

The VERTICAL CENTER UNIVERSAL 400A 5X vertical machining center features a 5-axis rotary/tilt table with durable, high-speed roller gear cam technology so that medical manufacturers can cost effectively produce small complex parts up to 15.74" in diameter and 12" high. The machine comes standard with a powerful, rigid CAT-40 taper 10,000-rpm spindle, with 12,000 and 20,000-rpm spindle speeds also available. Furthermore, the machine's standard 30-tool storage capacity ensures continuous machining operation, while an optional 40-tool magazine is available to further reduce set-up times and increase machining flexibility.

As the first in the VCU Series to feature milling and turning capabilities, the VERTICAL CENTER UNIVERSAL 400T is perfect for medical part manufacturers looking to increase their productivity via affordable Multi-Tasking capabilities. The machine

employs a robust 15-hp, 10,000-rpm (12,000-rpm optional) HSK-63A milling spindle and powerful 2,500-rpm turning spindle. Tool storage capacities of 20 or 30 tools ensure continuous machining operations, while a servo-driven automatic tool changer reduces non-cut times. Furthermore, the machine's turning spindle has complete C-axis table rotation that indexes in 0.0001-degree increments to offer full contouring operations.

These two VCU machines help make up one of the most comprehensive selections of small-footprint, highly productive machine tools in the medical manufacturing industry. Other Mazak machine tool offerings for this segment include INTEGRIX Multi-Tasking machines with second spindles, lower turrets and bar loader systems as well as VERTICAL CENTER COMPACT machining centers in 3, 4 or 5-axis configurations.

Whether MD&M attendees produce acetabular cups, femoral caps and stems for hip replacements or surgery trays, Mazak can help them identify the best manufacturing technology for their needs. To learn more about Mazak's complete line of machines for the medical industry, please visit [www.mazakusa.com/medical](http://www.mazakusa.com/medical).

#### About Mazak Corporation

Mazak Corporation is a leader in the design and manufacture of productivity-improving machine tool solutions. Committed to being a partner to customers with innovative technology, its world-class facility in Florence, Kentucky, produces over 100 models of turning centers, Multi-Tasking machines and vertical machining centers, including 5-axis models. Continuously investing in manufacturing technology allows the Kentucky plant to be the most advanced and efficient machine tool builder, providing high-quality and reliable products through its "Production-On-Demand" manufacturing practice. Mazak maintains eight Technology Centers across North America to provide local hands-on applications, service and sales support to its customers. For more information on Mazak's products and solutions, visit [www.mazakusa.com](http://www.mazakusa.com) or follow us on Twitter at @MazakCorp and on Facebook at <http://www.facebook.com/MazakCorp>.

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