



NEWS RELEASE

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Mazak Demos Relevance of New CNC in Medical Manufacturing at MD&M West *Revolutionary SmoothX CNC reduces cycle times, improves part quality*

FLORENCE, Ky., Jan. 14, 2015 – At MD&M West, taking place Feb. 10 – 12 at the Anaheim Convention Center in California, Mazak will share its extensive medical manufacturing expertise in booth 3094, including how to produce highly accurate, complex parts in the shortest time possible. The company will run simulations of its new SmoothX CNC, which quadruples in maximum speed over previous-generation controls.

Made for complex, multi-axis machine tools, Mazak engineered the CNC to coincide with its new SMOOTH TECHNOLOGY platform that spans the entire part production landscape, including programming, machine setup, metal removal, integrated automation and data collection. As a result, medical part manufacturers can dramatically shorten machine cycle times, enhance simultaneous 5-axis operations and much more.

Through the simulations, show attendees will see how the Quick MAZATROL function makes it possible for machine operators to directly import 3D CAD models into the SmoothX CNC. Hence, shops can use a solid model to obtain part geometries, but still program conversationally, meaning operators don't have to know how to use a CAM system to work from a solid CAD model to create programs.

With programming speed in mind, show attendees will also experience how the SmoothX CNC's Quick EIA function can generate any toolpath prior to running the program. Plus, the Quick EIA provides fast, extremely accurate full 5-axis 3D machining simulation and interference checking capabilities.

In addition to demonstrating these two SmoothX CNC functions and several others, show attendees can watch video demonstrations of Mazak machine tools in action as well as see a display of real-world medical parts cut with Mazak equipment.

As a leading machine tool provider to the medical industry, Mazak's broad product selection encompasses everything from compact, highly productive machines that are

perfect for small lab environments to machines for fast prototype development to DONE IN ONE[®] machines that process parts complete in single setups.

To learn more about Mazak's extensive involvement in the medical manufacturing industry, please visit www.mazakusa.com/machines/industry/medical.

About Mazak Corporation

Mazak Corporation is a leader in the design and manufacture of productive 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 iSMART Factory to be the most advanced and efficient in the industry, providing high-quality and reliable products through its "Production-On-Demand" practice. Mazak maintains eight Technology Centers across North America to provide local hands-on applications, service and sales support to customers. For more information on Mazak's products and solutions, visit www.mazakusa.com or follow us on Twitter and Facebook.

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