



NEWS RELEASE

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Mazak VTC-805E Delivers Speed and Power

Kentucky-built machine opens doors for shops to take on long, heavy parts production

FLORENCE, Ky., January 4, 2017 –The new Mazak VTC-805E Vertical Traveling Column Machining Center brings high versatility and productivity to those shops that need to tackle long and/or heavy parts. The machine combines an increased Y-axis stroke, long bed/table size, high spindle speed and torque and Mazak's new SmoothG CNC control for efficient, powerful machining.

For manufacturers that need as much Y-axis travel as possible, the VTC-805E provides an extended Y-axis travel of 32" as a cost-effective alternative to a bridge-style machine. The machine's fixed table measures 82.7" x 32.3" (2100mm x 820mm), while its moving column design provides a 69.3" X axis and 28.3" Z axis.

With an optional center partition, it is possible to transform the VTC-805E's table into two separate work areas to process parts on one side, while operators load/unload parts on the other for an overall reduction in cycle times. A special turret-style magazine accommodates 40 tools for longer periods of uninterrupted production as well as for more part-processing versatility.

Mazak equipped the VTC-805E with a powerful 30-hp, CAT 50-taper, 6,000-rpm spindle that easily tackles a wide variety of materials including titanium, aluminum, steel and cast iron. And for even more power and speed, Mazak offers an optional 40-hp, CAT 50-taper, 10,000-rpm spindle.

The VTC-805E features the new MAZATROL SmoothG CNC that makes it easy to generate programs for off-centerline machining as well as angled drilling, milling and tapping operations. Several innovative programming, performance and monitoring functions bring optimum speed and accuracy to complex part production. Advanced hardware including a tilting CNC panel and intuitive, multi-touch control screen allows for complete ease of use, while an SD card stores up to 32GB of program data.

[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 Mazak 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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