



NEWS RELEASE

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New VARIAXIS j-600AM Grows the Mazak Additive Series

Vertical Machining Center with Wire-Arc Technology speeds the additive process

FLORENCE, Ky., January 19, 2017 – As one of the newest members of Mazak’s additive machine family, the VARIAXIS j-600AM (Additive Manufacturing) Vertical Machining Center features an innovative Wire Arc-type metal deposition system. The technology takes the additive process to whole new levels in terms of speed, allowing shops to quickly and easily grow part features then employ the machine’s advanced 5-axis multi-surface subtractive capabilities to produce high-precision parts complete in single setups.

The VARIAXIS j-600AM’s Wire Arc system incorporates a standard wire arc-welding head mounted on the machine’s headstock to deposit material layer by layer and grow near-net-shape 3D forms. The system deposits material faster because it uses wire instead of metal power.

Machines capable of both additive and subtractive operations offer many advantages. Such machines significantly slash production time and conserve large amounts of expensive raw materials typically machined away when parts are completely produced using only subtractive operations. Plus, they reduce the number of machines required in a facility and save floor space.

The VARIAXIS j-600AM also features a 12,000-rpm B-axis tilt spindle and C-axis indexing table. The machine is well suited for a wide variety of applications, including the production and repair of aerospace parts, molds and dies and oil-drilling components so that these parts retain their original durability and wear resistant properties.

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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