

FOR IMMEDIATE RELEASE**ULTRA COMPACT FOOTPRINT HMC FOR THE AUTOMOTIVE INDUSTRY**

Wheeling, IL – 2019 – Kitamura Machinery, the premier manufacturer of precision horizontal, vertical and 5-axis machining centers, simplifies automotive machining operations with its fully spec'd, high speed, space saving Mycenter-HX250iG horizontal machining center.

Manufactured in Japan with ultra-high speed rapids of 2,362ipm, the Mycenter-HX250iG offers high efficiency with the ability to mill, bore, drill, tap and thread light to heavy duty materials on a single machine.

Meehanite cast construction provides superior vibration absorption capabilities for improved surface quality, elevating finish capabilities to a higher level, at the same time overall life of cutting tools. High rigidity combined with a high speed 15,000rpm (30,000rpm optional) spindle allows for quick and accurate metal removal.

HX250iG - NEW, High Speed, High Production Features

“World’s Fastest” standard full 4th axis rotary table is newly designed with an Integral Drive motor enabling speeds of 300rpm (108,000deg/min) rapids, dramatically reducing part cycle times, eliminating backlash and providing a firm, rigid machining platform. High resolution, Heidenhain direct rotary encoder scale feedback minimizes displacement, even on the outer edges of the table limit and offers positioning accuracy of ± 2 arc sec.

A 2-station APC is automation ready and field expandable up to 10-pallets offering true flexible, lean manufacturing capabilities. The ability to add on 5-axis simultaneous machining capacity to not only one but both pallets after installation opens up possibilities to improve and expand your business, reducing manufacturing costs.

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With ultra-high speed tool changes of 0.9 seconds (T-T), a standard 40-tool fixed pot ATC allows for the addition of up to 52/102 tools in the field for backup/redundant tool storage without adding floor space to the machine.

Industry leading precision means accurate, smooth surface finishes with fine pitch ballscrews and 67 million pulse encoder technology. Unmatched positioning accuracy $\pm 0.002\text{mm}$ ($\pm 0.000079''$)/Full Stroke, repeatability $\pm 0.001\text{mm}$ ($\pm 0.0000396''$).

The horizontal machining configuration of the Mycenter-HX250iG keeps the chips down and out of the way of the part saving on tooling costs and increasing part quality. A standard scraper type chip conveyor with rolling filter offers excellent chip management in high production environments.

Kitamura's advanced Arumatik-Mi control offers easier programming, part setup and operation right at your fingertips. A quick access, completely customizable icon menu simplifies operator-machine tool interaction. Easy access set-up guides, maintenance support functions and video guidance screens allow you to organize, interface and monitor machine performance and uptime. Easy-to-use support and alert systems guide you through PM, instructional information and offer G-code assistance as means of operational support. Kitamura's IoT platform partnership, Anywhere-Remote[®] gives you the opportunity to receive live production data anywhere, anytime by presetting alarms and configuring specific data alerts to instantly connect with the shop floor and boost efficiency.

About Kitamura Machinery

Founded in 1933, Kitamura Machinery is dedicated to building the most technically advanced and operator friendly horizontal, vertical and 5-axis machining centers in the world. Kitamura machining centers are known and respected for their no-compromises precision and extended floor life even under the most demanding conditions. With its U.S. Corporate Headquarters located in Wheeling, IL Kitamura provides its products to a diverse customer base worldwide. For more information please visit www.kitamura-machinery.com or contact us at +847-520-7755.

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