

Media Contact

Group 5, Incorporated
40 North Tower Road
Oak Brook, IL 60523
Phone: 630.495.3737
Fax: 630.629.1234
E-mail: group5inc@comcast.net

FOR IMMEDIATE RELEASE

**KITAMURA INTRODUCES THE MYCENTER-HX1000i HORIZONTAL
MACHINING CENTER – BUILT SOLID FOR HEAVY DUTY, LARGE PART
PRECISION MACHINING**

Wheeling, IL – July 26, 2007 – Kitamura’s Mycenter-HX1000i Horizontal Machining Center is designed for the precision necessary to produce close tolerance parts from the toughest of materials. The induction hardened solid box way design, combined with the rigidity of high grade Meehanite casting offers the stiffness needed for true high precision, hard milling of larger parts. Guide ways are equipped with ultra high precision twin ballscrews and twin servo motors that provide the capability of running speeds of 1,417inch/min. With a net weight of 126,104Lbs and Linear scale feedback on all axes as a standard feature, the Mycenter-HX1000i has accuracies of $\pm 0.000079''$ Full Stroke and repeatability of $\pm 0.000039''$ – Stand out, ultra high precision for a machine of this size and weight.

Standard is an efficient 40HP A/C spindle motor with a 4-speed geared head. The geared head enables the Mycenter-HX1000i to reach full power at 235rpm with output maximum torque of 897.5 ft-lb. An 8,000rpm spindle (12,000rpm option) with a dual contact design offers the benefits of greater machining rigidity, improved surface finish, higher cutting accuracy and extended cutting tool life.

The Mycenter-HX1000i utilizes an efficient positive 180-degree rotating pallet change system that provides optimum operator convenience in pallet accessibility and the loading/unloading of work pieces. Table size is 39.37” x 39.37” allowing for accommodation of huge parts with the 1° indexer positively positioned to within ± 1 arc/sec by a powerfully rigid Curvic coupling for optimum accuracy and stability. A full 4th axis is an available option.

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With a standard 150-Tool ATC (200 Optional), the Mycenter-HX1000i maximizes tool handling efficiency using Kitamura's exclusive fixed pot ATC system whereby each tool is always returned to the same tool pot and the next tool to be used is kept ready in a "stand-by" tool pot, minimizing tool change time. Tool-to-tool time is an amazing 3 seconds while chip-to-chip time is 7 seconds.

With travels of (X) 80.31", (Y) 51.97", (Z) 53.94", and a maximum work piece diameter of 80.71" x 61.02" high, the Mycenter-HX1000i's superior design offers the rigidity, size and precision necessary for industries such as Aerospace, Heavy Construction, Oil Field Machining, Automotive and Power Generation where large part machining requires a more expansive work envelope.

For additional information on this new model, visit Kitamura's web-site at www.kitamura-machinery.com.

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