

**FOR IMMEDIATE RELEASE****Large Capacity 5-Axis Vertical Machining Center  
High Performance, High Precision, Kitamura Introduces its Largest 5-Axis VMC**

**Wheeling, IL – 2016** – Now available, Kitamura Machinery, the premier manufacturer of precision horizontal, vertical and 5-axis machining centers, introduces its largest 5-axis machining center yet, the Mytrunnion-7G offering full 5-axis simultaneous machining for large-part machining (up to a 46” Swing).

The Mytrunnion-7G has been designed specifically for moving large masses at very high levels of speed while holding ultra-high level accuracies of  $\pm 0.00079''$ /Full Stroke and repeatability  $\pm 0.000039''$ . The rugged design coupled with craftsmanship in handscraping techniques offer you unbeatable tool life –saving you time and money.

**Mytrunnion-7G Features**

Designed for high precision machining of a variety of large scale parts, the Mytrunnion-7G offers an extra-large work envelope of  $\text{Ø}46.1''$  (comparable to that of an 800mm HMC) x 29.1” high and a table load capacity of 4,440Lbs to easily and more productively process substantial, weighty parts in a single set-up. A simultaneous 5-axis powerhouse, the Mytrunnion-7G incorporates an A-Axis tilting trunnion table ( $-120$  to  $+30^\circ$ ) and a rotary C-Axis ( $360^\circ$ ) with a  $0.001^\circ$  minimum indexing command. Linear scale feedback is standard on the X, Y & Z axes, as well as the tilting and rotary axes. The trunnion design allows for maximum stiffness and flexibility with the ability to position the work piece closer to the spindle.

Standard is a #50 taper, high torque 20~12,000rpm 4-Step Gear Driven, Dual Contact spindle producing the best output range under a variety of cutting conditions, allowing for a maximum range of applications on a variety of exotic materials. The 54 HP/AC spindle motor offers max cutting torque of 432.1 ft-lbs. The highly rigid construction of the  $\text{Ø}100\text{mm}$  spindle bearing offers the benefits of longer tool life, greater machining rigidity, reduced vibration and super fine finish capabilities.

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The Mytrunnion-7G has a standard 60-tool high speed ATC located toward the side of the machine allowing for the economical machining of more complex parts and, in general, multiple jobs or small short run part lots.

The pioneer in in Icon CNC Operation, Kitamura offers the user an easily customizable icon driven touch screen whereby unique icon characters and apps allow for faster and easier methods of part set-up and processing for increased productivity. Ideal for 5-axis machining, Kitamura's very own Arumatik-Mi Control promotes super-fast, super smooth control processing for faster machining of complex workpieces. Remote monitoring screens, electronic machine manuals, tool breakage detection, collision safety functions all work in tandem to monitor machine performance and ensure uptime. The ability to customize the Arumatik-Mi to each individual user's application is what truly makes this control unique.

### **About Kitamura Machinery**

Founded in 1933, Kitamura Machinery is dedicated to building the most technically advanced 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](http://www.kitamura-machinery.com) or contact us at +847-520-7755.

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