

**FOR IMMEDIATE RELEASE****KITAMURA'S ULTRA COMPACT HMC REDUCES FLOOR SPACE BY 20%  
HIGH PRODUCTIVITY #40 TAPER CUTTING CAPABILITY**

**Wheeling, IL – 2017** – Kitamura Machinery, the premier manufacturer of precision horizontal, vertical and 5-axis machining centers, introduces the all NEW, high speed, compact #40 horizontal machining center – Mycenter-HX300iG. 20% smaller than our 400mm, without sacrificing power, accuracy or reliability.

Manufactured in Japan with craftsmanship in hand scraping techniques and ultra-high speed rapids of 2,362ipm, the Mycenter-HX300iG offers high productivity, Kitamura quality and heavy cutting capability in an 8' x 12' footprint.

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.

**HX300iG – High Speed, Profit Enhancing Features**

A 2-station APC is automation ready and field expandable up to 8-pallets for unmanned operation potential. The standard full 4<sup>th</sup> axis rotary table is newly designed with a Direct Drive motor enabling speeds of 150rpm (54,000deg/min) rapids, dramatically reducing part cycle times, eliminating backlash and providing a firm, rigid machining platform. High resolution direct rotary encoder scale feedback minimizes displacement even at outer edges of the table limit.

Operators will love the large work envelope with a max. Work diameter of Ø500mm (Ø19.7") x 745mm (29.3") high and one piece, easy grip sliding doors, large windows and door openings along with easy spindle access. All combine to reduce and simplify operator work load and help to promote a safe work environment.

### **HX300iG – High Speed, Highly Accurate, Highly Reliable**

A 50-tool fixed pot (assures tools are always returned to the same pot and the next tool to be used is kept in a “stand-by” pot) ATC allows for the addition of up to 200 tools in the field. An incredibly fast 1.3 sec. contributes to the reduction in overall cycle time.

Standard is a powerful, 30HP, 15,000rpm, #40 taper, dual contact spindle has the ability to handle a variety of exotic materials and offers best in class speed and performance. An optional high speed 20,000rpm spindle is available, further minimizing “out-of-cut” time.

Ultra-high precision means outstanding positioning accuracy of  $\pm 0.002\text{mm}$  ( $\pm 0.000079''$ )/Full Stroke with 67 million pulse encoder technology - delivering 67 times finer resolution, 67 times better finish accuracy all day long. Superb reliability is paramount in high production environments and the Mycenter-HX300iG brings it with ballscrew cooling in all axes and state-of-the-art fine resolution (10 nanometer) optical linear scale feedback in X, Y, Z linear axes.

Kitamura’s pioneering interactive touch screen icon driven Arumatik-Mi control offers user friendly, unique features such as on demand “HELP” guidance, visual work setting, maintenance support functions, and a 19” swivel color LCD to easily guide the user in a completely customizable control environment. SSS Control delivers high speed processing of 270m/min feed with 1mm/block, 4,500 blocs/sec for smoother and faster machining of the most complex work pieces - Super easy, super-fast. Software upgrades are available throughout the life of the control so that means you are always ahead and never behind - the latest in CNC Technology.

#####