MCC Will Feature Their Newest CINCOM Swiss-Type Turning Centers at IMTS 2006

Marubeni Citizen-Cincom Inc., best known for their high precision, highly versatile Swiss-type turning centers, will feature their newest machines as well as Citizen CAV bar loaders at IMTS 2006, South Hall A Booth 8560.

Allendale, NJ (PRWEB) June 10, 2006 -- Cincom CNC automatic lathes are used extensively in the automotive, aerospace and medical industries, as well as job shops of all sizes, to manufacture complex and precision parts for electronics, business machines, fiber optics, firearms, tools, medical instruments, valves, fasteners and more.

The Citizen CAV Bar Loader is engineered for use exclusively with Cincom Swiss-type turning centers. It is perfectly configured to the speeds, torque, power, and axis movements of the Cincom machine, allowing it to respond with the precise movements needed for optimum precision, performance, and productivity. Since the CAV and the Cincom share the same CNC controller and the same electrical system, bar feeder movements can be viewed and controlled from the lathe's CNC. A single controller, rather than two, allows for faster setups, easier operation, and total control from a single console.

The fastest, most efficient 7-axis L20 Series lathe ever developed by Citizen offers a modular concept that supports a wide variety of machining processes depending on your current or future needs. Upgrades are simple, just by adding additional live tool holders that easily fit into the existing gang tool plate. The full servo axes and advanced technologies of the L20 enable faster machining operations while reducing non-cutting idle time. The powerful Mitsubishi Meldas 700LC control offers quick and smooth manufacturing of parts.

The highly precise K-Series machines have been engineered with speed and productivity in mind. The tool layout concept allows this series to use the virtual X/Y axis movement, providing greatly reduced thermal growth displacement. Higher rigidity of slides and heads enable longer operating time. The overlapping axis function reduces idle time – one axis can be programmed to start its travel while the other axis is still completing its task. Spindle indexing can be achieved from a high speed rotation and instantly stop directly at the desired degreed position, thus reducing cycle time.

The R07 specializes in the fast and efficient machining of tiny precision parts up to 7mm in a compact design that saves valuable floor space. The rotary guide bushing unit, developed exclusively for high speed, high precision machining, performs metal cutting at speeds up to 12,000 rpm. The sub-spindle delivers 10,000 rpm. The R07 uses linear motors to drive the slide and tool posts thus achieving quick response, quiet operation and elimination of thermal distortion. The rotary tools are now a part of the gang tool post which allows small diameter parts requiring complex machining (such as polygon turning and end face drilling) to be performed with ease.

For more information visit MCC at IMTS – South Hall A Booth 8560; go to www.marucit.com or call 201-818-0100 (headquarters), 847-364-9060 (Chicago office), 714-434-6224 (CA office).

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