

MEDIA CONTACTS:

George Yamane
Marketing Manager
859.342.1867
gyamane@mazakcorp.com
or
dgs Marketing Engineers®
Chuck Bates 317.813.2230
bates@dgsmarketing.com

Mazak to Spotlight Advanced Multi-Tasking Machines at Gear Expo 2013

Done-In-One® solutions bring accuracy, versatility and productivity to gear processing

FLORENCE, Ky., June 25, 2013 – At Gear Expo 2013, taking place Sept. 17 – 19 at the Indiana Convention Center in Indianapolis, Ind., Mazak Corporation will spotlight highly advanced Multi-Tasking solutions that bring increased accuracy, efficiency and productivity to the gear manufacturing process.

In Booth 111, attendees will watch the QUICK TURN NEXUS 250-II MSY Multi-Tasking Turning Center and INTEGREGX i-300ST Multi-Tasking Machine in action as they perform Done-In-One machining to produce a variety of gears. When a machine offers Done-In-One, it handles all processes from raw material input through final machining.

Additionally, Mazak application experts will be available to advise attendees on how to properly implement the latest Multi-Tasking technologies and processes in gear manufacturing, as well as provide valuable insight into achieving improved part quality, shortened lead times and the lowest cost of ownership.

The QUICK TURN NEXUS 250-II MSY Multi-Tasking Turning Center, with a maximum machining diameter of 13.78", efficiently and productively processes medium- to large-sized gears. As an "MSY" configuration, it features milling and Y-axis capability as well as main and second turning spindles for Done-In-One processing. Such capabilities put the QUICK TURN NEXUS 250-II MSY in Level 2 of Mazak's 5 Levels of Multi-Tasking.

The highly versatile INTEGREGX i-300ST Multi-Tasking Machine combines the capabilities of a high-powered turning center and full-function machining center to produce medium- to large-sized gears in single setups. As an "ST" configuration, it features a second turning spindle (S) for Done-In-One machining and a lower turret (T), eliminating multiple setups and non-cut time. Furthermore, with full 5-axis capability, the INTEGREGX i-300ST easily processes round parts with secondary operations, fully prismatic parts from solid or casting (chucked or bar fed work), or sculptured parts. Because of its full simultaneous 5-axis capability, the INTEGREGX i-300ST is a Level 4 machine in Mazak's 5 Levels of Multi-Tasking.

With 91 Multi-Tasking configurations from which to choose, Mazak developed its 5 Levels of Multi-Tasking as an effective way for manufacturers to determine the best multi-tasking technology for meeting their specific application and process needs.

Within the 5 Levels of Multi-Tasking, Level 1 machines typically offer a single turning spindle and drum-style turret with rotating tool capability for processing minimally complex workpieces. Level 2 machines add Y-axis functionality for off-center operations and Done-In-One machining together with either a twin spindle and milling turret or twin spindle/twin turret machine configuration. Level 3 Multi-Tasking machines feature independent milling spindle headstocks with B-axis indexing, as well as Y-axis travels and tool storage magazines. Level 4 machines emphasize automation and processing large or highly complex workpieces using full, simultaneous 5-axis machining. Level 5 is the addition of specialized machining tasks, such as gear cutting, honing and grinding, that transform Level 4 machines into Level 5 Ultra-Tasking machines that process even the most demanding and complex parts complete in single setups.

About Mazak Corporation

Mazak Corporation is a leader in the design and manufacture of productivity-improving machine tool solutions. Committed to being a partner to customers with innovative technology, its world-class facility in Florence, Kentucky, produces over 100 models of Turning Centers, Multi-Tasking Machines and Vertical Machining Centers, including 5-axis models. Continuously investing in manufacturing technology allows the Kentucky plant to be the most advanced and efficient machine tool builder, providing high-quality and reliable products through its “ Production-on-Demand” manufacturing practice. Mazak maintains eight Technology Centers across North America to provide local hands-on applications, service and sales support to its customers. For more information on Mazak's products and solutions, visit www.mazakusa.com or follow us on Twitter at @MazakCorp and on Facebook at <http://www.facebook.com/MazakCorp>.

###