

IMTS PRESS RELEASE

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FOR IMMEDIATE RELEASE:

Mazak Introduces Flexible STX Mark III RTC Laser Cutting System

(ELGIN, IL) – **Mazak Optonics Corporation** introduces the new SuperTurbo-X Mark III RTC 2D laser cutting system that provides flexibility for a large range of applications. The STX Mark III RTC cuts thin sheets to thick plates, cubic components, taps and even chamfers, enabling you to cut a tremendous range of laser cut parts. A rotary table is standard equipment for cutting round pipe up to a maximum diameter of 14.76", and square tubes up to 6". This unique laser machine includes an integrated tapping capability for a range of thread sizes. The STX Mk III RTC also features chamfering capabilities. The large 16.14" range of Z travel enables you to laser cut preformed parts and other 3 dimensional shapes requiring greater cut height. The STX Mark III RTC is available in 2,500 (.87" MS) or 4,000 (1" MS) watt configurations and accepts up to a 5'x10' sheet of flat material. It can be delivered with a large range of automated material handling systems including Load/Unload Cells and Flexible Manufacturing Systems.

The STX Mark III RTC utilizes many leading edge features developed for Mazak's Hyper Series machines. They include intelligent setup functions for automated nozzle spatter removal, a three station nozzle changer and focal point measurement and adjustment capability. These features are components of Mazak's Opti-Pod which helps to minimize system setup time and improve extended unattended operation while maintaining optimized machining conditions. The Mark III also incorporates a new Servo Focus Torch. This servo driven system significantly reduces piercing time and increases productivity. Additional new technology includes a High Accuracy Auto Centering Lens and Nozzle design that further reduces setup and increases productivity as well as pierce, plasma and burn sensing to assure consistent performance over a wide range of materials.

About Mazak Optonics

Mazak Optonics Corporation is a major supplier of CO₂ laser cutting systems offering 42 laser models and leading the industry in the implementation of emerging laser technologies. The North American Headquarters for Mazak Optonics is located in Elgin, IL. The 50,000 square foot facility includes a 30,000 square foot laser technology center with up to 18 machines for demonstration and training. It is part of Yamazaki Mazak Corporation (Oguchi, Japan), the global leader for the manufacture of machine tools and systems for the precision machining of metal parts, including CNC turning centers, horizontal and vertical machining centers, multi-tasking machining centers, turnkey cells, and software solutions to help customers achieve lean, efficient manufacturing operations. The North American Headquarters for Yamazaki Mazak is located in Florence, Kentucky.

For more information, please visit www.mazakoptonics.com, e-mail sales@mazaklaser.com or call Mazak Optonics Corporation 847.252.4500.

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CAPTION: The new Mazak SuperTurbo-X Mark III RTC 2D laser cutting system offers the flexibility of cutting flat material, tubes, pipes and other 3 dimensional workpieces as well as tapping and chamfering these parts.