



NEWS RELEASE

MEDIA CONTACTS:

Marc Lobit
Marketing Manager
847.252.4522
mlobit@mazaklaser.com
or
dgs Marketing Engineers®
Chuck Bates 317.813.2230
bates@dgsmarketing.com

Mazak Optonics Introduces New 6,000-Watt Laser-Cutting Technology

Elgin, Illinois, July 27, 2011 – Mazak Optonics Corporation has taken its SuperTurbo-X Mark III 2D laser cutting system and made it even more advanced by increasing its power output to 6,000 Watts. This boost allows the system to meet the unique demands of processing thicker mild steel and stainless materials.

The STX Mark III system is a flexible, rugged workhorse that offers significant technical advantages and standard features for a variety of material types and thicknesses. Built utilizing Mazak's proven hybrid platform, the new system's constant-beam length construction provides uniform cutting across the machine table.

Additionally, the STX Mark III utilizes several advanced features found in Mazak's high-end Hyper Series machines, including intelligent setup functions for automated nozzle spatter removal, a three-station nozzle changer as well as focal point measurement and adjustment capability. These functions are part of the Mazak Opti-Pod, which helps minimize system setup time and extends unattended operation for longer periods of time while still maintaining optimized machining conditions.

The STX Mark III also incorporates a Servo Focus Torch and High Accuracy Auto Centering Lens and Nozzle. The servo driven system significantly reduces piercing time, while the lens and nozzle design further reduces setup time and increases pierce, plasma and poor cut sensing to ensure consistent performance over a wide range of materials. Together, these technologies yield a considerable increase in productivity.

Mazak Optonics paid special attention to flexibility throughout the design of the STX Mark III, evident in the fact it is available in 4' x 8', 5' x 10' and 6' x 12' table configurations and offers three power output levels: 2.5 kW, 4.0 kW and 6.0 kW. It is also available with a large range of automated material handling systems, including Load/Unload Cells and Flexible Manufacturing Systems.

About Mazak Optonics

Mazak Optonics Corporation is a major supplier of laser-cutting systems, offering 50 laser models and leading the industry in the implementation of emerging laser

technologies. The company's 50,000 sq. ft. North American Headquarters are located in Elgin, Illinois, and feature a 25,000 sq. ft. laser technology center housing up to 18 machines for demonstrations and training. Mazak Optonics 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. The North American Headquarters for Yamazaki Mazak are located in Florence, Kentucky. For more information on Mazak Optonics' products and solutions, visit www.mazakoptonics.com, email sales@mazaklaser.com or call 847.252.4500.

###

