



## NEWS RELEASE

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### **Mazak Optonics to Introduce New Laser Technology Advancements at FABTECH**

Elgin, Illinois, July 29, 2011 – Mazak Optonics is the exhibitor to see at FABTECH 2011 for the latest advancements in laser-cutting technology. At the show, taking place November 14-17 at McCormick Place in Chicago, the company will showcase a wide range of applications and demonstrate several new machines, including its first fiber laser, in booth 1148.

Making its debut at FABTECH, the new fiber laser from Mazak Optonics is built on the company's OPTIPLEX platform. It achieves extremely high speeds via an IPG fiber resonator, which yields faster cuts through thin gauge material and significantly reduces operating costs.

The company's new OPTIPLEX Flexible 2 Pallet Changer Job Shop Laser provides high throughput, AO/5 automated setup technologies and rugged construction. During booth demonstrations, show attendees will experience the machine's new user-friendly PreView II touch screen control and new 4,000-watt type 10 resonator that lowers operating costs.

Visitors to the Mazak Optonics booth will also get to witness the new performance power of the SuperTurbo-X Mark III. The company took the already popular 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.

Mazak will also introduce a new modular material automation system that is expandable from one up to four laser-cutting machines. A variety of loading tables, stocking towers up to 40 shelves, unload stations and workpiece storage towers can be utilized to develop solutions to meet specific operational needs. The new line controller helps increase system flexibility and improves throughput.

The STX Mark III RTC that expands laser services beyond flat plate will also be demonstrated. This unique 2D laser system integrates a rotary chuck for tube and pipe cutting with the ability to tap and chamfer in a single setup on one machine.

### 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 30,000 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](http://www.mazakoptonics.com), email [sales@mazaklaser.com](mailto:sales@mazaklaser.com) or call 847.252.4500.

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Mazak's new OPTIPLEX 3015 2 pallet changer laser cutting machine with new PreView II control and Type 10 resonator to be demonstrated at FABTECH 2011.