

# FABTECH PRESS RELEASE

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FOR IMMEDIATE RELEASE:**

## **Mazak Introduces HyperGear Champion**

(ELGIN, IL) – **Mazak Optonics Corporation** is introducing the new HyperGear 510 Champion. The HyperGear Champion features high speed, high accuracy cutting utilizing a flying optics two pallet changer design with linear motors on 5 axes. It maintains the speed of the HyperGear series machines while offering a lower initial investment.

The Mazak HyperGear Champion is available in 2,500W and 4,000W configurations that can process from the thinnest steel up to 1" mild steel. It offers a 60" x 120" (1525 x 3050 mm) bed. The HG Champion delivers integrated automated focal length analysis, nozzle standoff, and nozzle maintenance setup capabilities that facilitate unattended operation. The Champion utilizes the Preview II control and linear drives to cut at

unmatched speeds with 3G of acceleration, yet with the precision to maintain corner integrity, tight dimensional accuracy and roundness on contours.

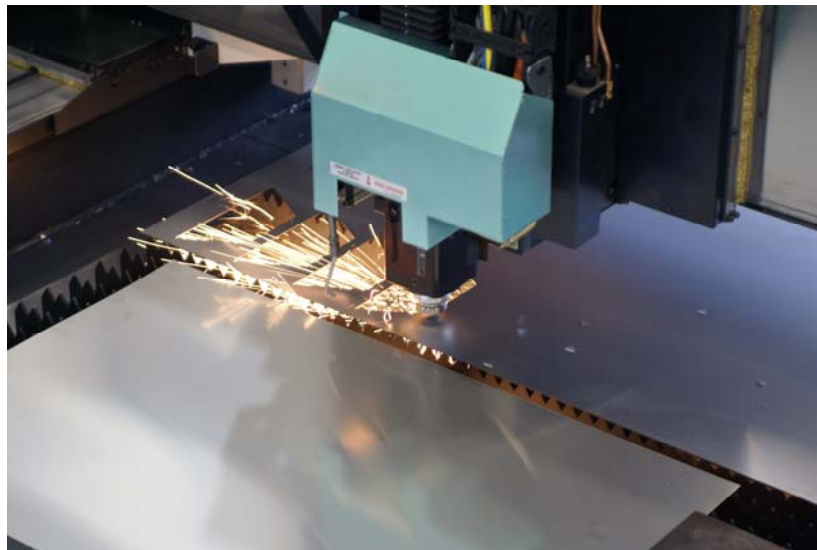
The HyperGear Champion is available with a large range of automated material handling systems including Load/Unload Cells and Flexible Manufacturing Systems.

### **About Mazak Optonics**

Mazak Optonics Corporation is a major supplier of CO<sub>2</sub> laser cutting systems offering 42 laser models and leading the industry in the implementation of emerging laser technologies. Mazak's North American Headquarters 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.

For more information, please visit [www.mazakoptonics.com](http://www.mazakoptonics.com), e-mail [sales@mazaklaser.com](mailto:sales@mazaklaser.com) or call Mazak Optonics Corporation 847.252.4500.

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**CAPTION: The new Mazak HyperGear Champion laser-cutting system with 1" cut capacity in mild steel.**