

FABTECH PRESS RELEASE

Release Date: November, 2010

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FOR IMMEDIATE RELEASE:

Mazak Introduces New Servo Focus Laser Head That Reduces Pierce Time Upto 80%

Mazak's new servo head with piercing detection monitors laser processing conditions and both significantly reduces piercing times and improves cutting performance for a wide range of applications. It is now standard equipment on Mazak HyperGear, HyperTurbo and SuperTurbo MkIII series laser-cutting machines.

The new Mazak servo technology improves pierce time efficiency, especially in mild steel applications between 0.375" and 0.750". It eliminates or greatly reduces the need for side blow during piercing operations. Sensors in the head monitor beam reflection to determine breakthrough and then automatically signals the control to move to the cutting segment of the program. The machine quickly shifts from the pierce process to the start of cutting due to the auto focus adjustment which is done on the dedicated W-axis. A typical nest cut time will be reduced by 30% utilizing this new servo head and

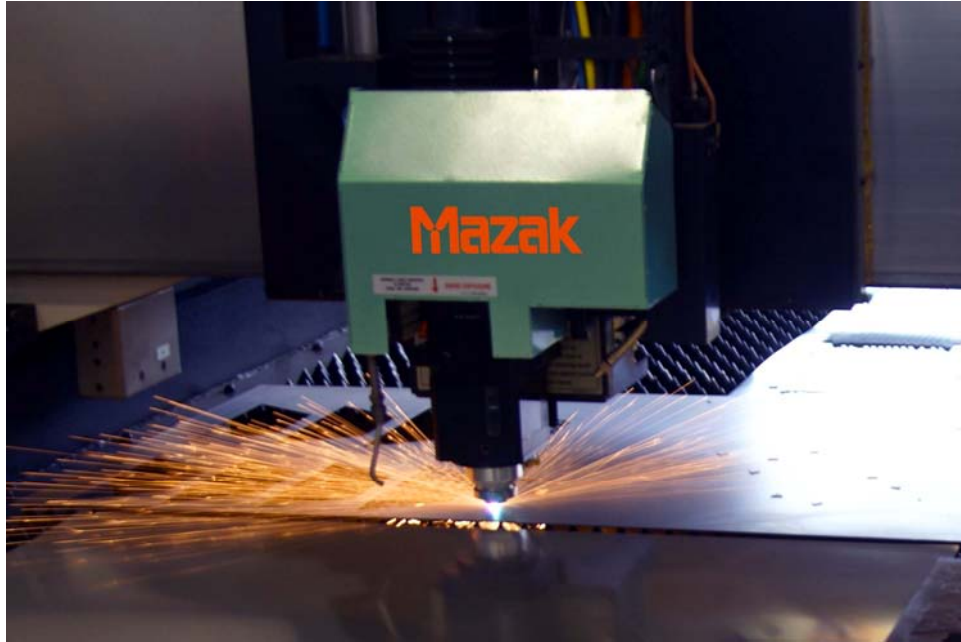
sensor technology. The same intelligent sensors monitor the beam for poor cut conditions and to maintain the cut. The servo also improves overall edge quality when cutting mild steel plate upto 1”.

About Mazak Optonics

Mazak Optonics Corporation is a major supplier of 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: Mazak's new laser-cutting servo head technology with intelligent sensors can reduce pierce times upto 80% on HyperGear, HyperTurbo and SuperTurbo MkIII series machines.