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## Press Release



### Laser Photonics Develops New TurboPiercing™ Technology and "Cutting-on-the-Fly" Process

**Lake Mary, FL., January 14, 2009** - Laser Photonics, the industry leader in developing high-tech Fiber and CO2 laser systems for marking, cutting and engraving applications, announced the development of a new TurboPiercing™ Technology and "Cutting-on-the-Fly" process for the Titan Series fiber laser cutting machine which increases the speed of the processing thereby increasing throughput.

#### **TITAN** Series



[The Titan Series](#), the newest edition to Laser Photonics' product line, is a multipurpose fiber laser cutting machine with a single pallet shuttle table. It is equipped with a high-powered, energy efficient fiber laser and an advanced direct drive motion control platform. Comparable to other laser cutting machines, the Titan has a lighter weight design and the fastest cutting speed on the market for comparable systems.

TurboPiercing™ technology comes standard on all Titan Series systems. This new technology guarantees the fastest and most consistent piercing speeds available. Unlike conventional methods, TurboPiercing™ technology completes an accurate hole eliminating any unnecessary craters in the material increasing the quality of the cut and improving edge quality.

"Cutting-on-the-Fly" drastically reduces machining times. Using this feature, the laser beam is turned on and off as needed and is accurately positioned via computer aided alignments within a fraction of a second. Materials are fixed in place directly under the laser and a pattern can be cut without stopping or braking the axes.

TurboPiercing™ Technology and "Cutting-on-the-Fly" makes the Titan Series perfect for cutting Aluminum, Copper, Stainless Steel and Mild Steel. To view the Titan Series easily cutting out a grid from a stainless steel sheet of metal using the new TurboPiercing technology and cutting "on-the-fly" click here: [Watch the Video Now!](#)

[Laser Photonics](#) is the industry leader in developing high-tech fiber and CO2 laser systems for marking, cutting and engraving applications. Our systems are used by manufacturers in the automotive, aerospace, industrial, defense, electronic and medical industries around the world. For more info visit <http://www.laserphotonics.com> or call 407-829-2613.

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