

Lasit USA's High Speed OEM Laser Provides Easy Integration

Users find Lasit USA's OEM laser marking system easy to integrate into existing systems.

Branford, CT (PRWeb via [PRWeb](#)) February 13, 2008 -- Lasit USA's OEM laser marking system has been found to be easily integrated into factory lines and existing systems. The 110 VOLT, 2 AMP OEM fiber laser marking system is now available in 20, 30, 50, 100, 200 watts, and produces permanent, high contrast marks (surface and deep to .020) on metals such as steel, aluminum (coated as well as uncoated), carbide, graphite, and plastics. Capable of marking any Graphic, Logo, 2 D Matrix, Bar Codes, and alpha-numerics, it provides up to 100,000 hours of maintenance free operation.

The system contains a fully air-cooled ytterbium Q-switched fiber laser with M 2 beam quality less than 1.05. The system comes with Lasit's scan head, one of the fastest on the market today, as well as user friendly Windows-based FlyCad and FlyControl Software. FlyCad emulates "AutoCad" type function, which provides full drawing capability. FlyControl provides motor and Scan Head control as well as diagnostic software, which can be accessed remotely. The software allows for remote entry of data via a TCIP network connection and can have a custom interface that provides for custom modifications.

The marking system comes standard with the new programmable Smart Focus - the alignment of a lighted dot and line provides for instant set up and focusing. Another new feature is the Smart Link cable - a rugged stainless steel cable designed to encase the fiber cable, which prevents damage or breakage in the fiber and communications delivery.

A small footprint with 19-inch rack mount allows for easy integration into factory lines with on-the-fly software capability. Remote control commands through IO board for devices such as PLC, HMI or computer to control the system. Lens availability from 163 to 420mm to allow for marking up to 12 inch x 12inch area. Three axis scan heads available for larger areas over 12 inches.

"Customers love the ability to customize this laser marking system to integrate with their current applications," said Robin Barbero, Vice President of Sales and Marketing for Lasit USA.

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