



Press Release

22 August 2008

**SPI Lasers**

("SPI" or "the Company")

**SPI Lasers announces extended operating temperature range 20W pulsed fiber laser**

**22 August 2008, Southampton, UK, [SPI Lasers](#)**, a leading designer and manufacturer of fiber lasers, today announced an extended temperature range 20W Fiber targeting hot environments.

SPI has launched a new ST 'Superior Temperature' variant of its successful [G3 20W pulsed laser](#). The ST has a significantly extended temperature range and is capable of operation in ambient environments up to 43°C (HS model has a 35°C upper limit). This is ideal for hot climate geographies. The ST typically gives 21W and is specified to give >20W under all environmental conditions. Typically, the ST has a 5% improvement in pulse energy, average power and peak power over the 20W HS, allowing improvements in materials processing performance

Jack Gabzdyl, Product Line Manager for Pulsed Fiber Lasers, welcomed the release; "Increased capability of the laser to give 20W at 43°C compliments our existing range and allows OEM's to cater for specific geographic requirements. The 20W pulsed laser is ideal for general marking, micromachining and engraving as it can produce deeper and narrower marks but now comes with the benefit of the ST feature. ST ability allows SPI to become leaders in hot climates such as Asia & South America where manufacturing industries are opting for more advanced fiber lasers."

A proof of concept and try before you buy program can be found on the SPI website at [www.spilasers.com](http://www.spilasers.com) and registering your details on the 'Try before you buy' page.

**For further product information or to request a sales person to call you, go to [www.spilasers.com](http://www.spilasers.com)**

**For further information:**

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**Notes to Editors:**

SPI Lasers is a leading designer and manufacturer of optical fiber-based lasers that are used in a wide range of industries. The product family is used to mark, weld, and cut materials used in the manufacture of a range of products.

The platform technology being developed to raise laser power levels for use in the macro manufacturing sectors is expected further to widen the markets served by SPI to include aerospace, automotive and white goods manufacture.

Among new markets in prospect, as higher-power lasers are deployed, is defence, and SPI Lasers is currently involved in this sector through contracted development work with a number of companies and government agencies.

SPI has a strong network of international distributors. In Europe the international distributor is BFI Optilas, one of the region's largest distributors of specialist products in the electronics and photonics markets. Outside Europe, SPI Lasers' products are distributed on an exclusive basis in China, India, Japan, Korea, Malaysia, Philippines, Singapore, Taiwan and Thailand.

Founded in 2000 on technology developed by the University of Southampton's Optoelectronics Research Centre, the business is headquartered in Southampton, United Kingdom.