



The Power to Transform®

IPG Photonics Introduces New Retrofit Services

Replace Older Clunker Lasers with IPG Fiber Laser Up to 30 Times More Electrically Efficient

Oxford, MA, September 1, 2009 -- IPG Photonics Corporation, the world leader in high power fiber lasers and amplifiers, today announced that it is offering new retrofit services dedicated to helping customers replace older production lasers with energy-efficient fiber lasers from IPG. An experienced team, including engineers familiar with system integration, including beam delivery, application development, controllers, robots, software and safety, will provide the new service from IPG's Operations in the United States, Germany, China, and Japan.

"We have had many companies approach us about replacing their CO₂ and YAG laser sources on existing production lines so they can enjoy the tremendous benefits that fiber lasers provide," commented Bill Shiner, Vice President-Industrial Markets. "This new service allows those companies to utilize their existing motion system or transfer line while obtaining the most reliable and cost-effective laser technology with minimal risk and down time."

By replacing older, inefficient lasers for applications such as cutting, welding or cladding with fiber lasers, manufacturers can utilize their existing motion system while gaining significant operating cost savings. Fiber lasers consume substantially less electric compared to conventional lasers. It is estimated that fiber lasers are 15-30 times more electrically efficient than lamp pumped YAG lasers and 3 times more electrically efficient than CO₂ lasers.

IPG now has an [energy savings calculator](#) on its website that calculates potential electrical energy savings from using a fiber laser. Customers that switch to fiber lasers also benefit from lower maintenance, no diodes to replace and lower down time.

Several customers have received rebate money from their utility or state government by switching from old laser technology to efficient fiber lasers. Retrofit customers may also take advantage of [accelerated tax depreciation in 2009](#) under Section 179 of the I.R.C. provided by the American Recovery and Reinvestment Act.

About IPG Photonics Corporation

IPG Photonics is the world leader in high-power fiber lasers and amplifiers. Founded in 1990, IPG pioneered the development and commercialization of optical fiber-based lasers for use in a wide range of applications such as materials processing, advanced, telecommunications and medical ones. Fiber lasers have revolutionized the industry by delivering superior performance, reliability and usability at a lower total cost of ownership compared with conventional lasers, allowing end users to increase productivity and decrease operating costs. IPG has its headquarters in Oxford, MA, and has additional plants and offices throughout the world. For more information, please visit www.ipgphotonics.com.

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