IPG Photonics Extends Laser Welding Solutions with the Acquisition of Cosytronic

System Tools in Welding and Automation Technology Allow IPG to Target Applications in Automotive, Sheet Metal Production and other Material Processing Applications

Oxford, MA, April 20, 2010 -- IPG Photonics Corporation (NASDAQ: IPGP), the world leader in high-power fiber lasers and amplifiers, announced today the acquisition of privately-held, Germany-based Cosytronic KG (COSY), a specialist in the joining technology with an emphasis on engineering know-how in automated welding turnkey solutions. The acquisition allows IPG to extend its product offerings to include a welding tool that integrates seamlessly with IPG's fiber laser.

COSY's core capabilities include the development, engineering and application of new, modern joining techniques and innovative welding tools for many material processing end-markets. The acquisition is expected to have no material effect on IPG's financial results in 2010. Financial terms were not disclosed.

"With the acquisition of Cosytronic, we plan to enhance IPG's product portfolio of laser welding tools with fiber lasers – a promising complementary market for us," said Dr. Valentin Gapontsev, IPG Photonics Chairman and CEO. "Combining our state-of-the-art fiber laser technology with COSY's proven and innovative laser welding technology opens exciting opportunities to build robust integrated robotic solutions for various automotive, sheet metal production and other material applications. Both companies have complementary expertise, strong market reputations and a passion for technological innovations. We look forward to integrating our similar entrepreneurial cultures and further strengthening our leadership position in fiber lasers and solutions."

"We are excited to join IPG Photonics," commented Mr. Heribert Heinz, founder and Managing Director of Cosytronic KG. "The combined company now has significantly more resources to target larger customers and new applications, and the ability to have stronger technical integration of the tool and the laser. IPG is a natural strategic fit for COSY and we believe this will benefit both companies' customers."

The latest commercial product from COSY is the fiber-based Laser-Seam-Stepper for laser welding applications. Laser welding can be applied in car body plants and in the production of sheet metal components with the following advantages over traditional resistance spot welding process:

- Higher processing speed and shorter production cycle times
- Increased component strength with longer seams that create higher torsion stiffness
- Total cost of ownership comparable to today's modern resistance welding systems
- Flexible welding head and greater ability to handle the processing materials and
- Continued focus on laser safety requirements without the need for an enclosed cell.

IPG was advised by the accounting firm Schäfer Zimmer Hardt and by the law firm Von Boetticher Hasse Lohmann. Cosytronic was advised by the management consulting company, MPower GmbH in Stuttgart, and their partners, the financial firm Marx & Jansen GmbH and by the law firm Hüttemann, Nickel & Hoepner.

About IPG Photonics Corporation
IPG Photonics Corporation 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. 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 with additional plants and offices throughout the world. For more information, please visit www.ipgphotonics.com.

About Cosytronic KG
Cosytronic KG was established in Wissen, Westerwald region, Germany in 1988. The vision of production engineering "Made in Wissen" describes a range of expertise from consulting services to engineering and construction of highly-productive turnkey solutions. Traditional processes like arc and resistance welding techniques are combined with the latest laser technology. All automation designs are flexible and continuously adaptable to new system productions. For more information, please visit http://german.ipgphotonics.com or contact sales.europe@ipgphotonics.com.

Safe Harbor Statements
Information and statements provided by the Company and its employees, including statements in this press release, that relate to future plans, events or performance are forward-looking statements. These statements involve risks and uncertainties. Any statements in this press release that are not statements of historical fact are forward-looking statements, including, but not limited to, the expectation that the acquisition will have no material effect upon financial results for the remainder of 2010, combining our fiber laser technology with COSY's laser welding technology, opening exciting opportunities to build robust robotic integrated solutions, integrating our similar entrepreneurial cultures and further strengthening our leadership position in fiber lasers and solutions, the combined company having significantly more resources to target larger customers and new applications, and the ability to have stronger technical integration of the tool and the laser benefiting customers. Factors that could cause actual results to differ materially include risks and uncertainties, including risks associated with acquisitions of new businesses, disrupting our business or harming our financial condition, the strength or weakness of the business conditions in industries and geographic markets that the Company serves, particularly the effect of economic downturns; reduction in customer capital expenditures; potential order cancellations and push-outs and financial and credit market issues; the Company's ability to penetrate new applications for fiber lasers and increase market share; the rate of acceptance and penetration of IPG's products; effective management of growth; level of fixed costs from its vertical integration; intellectual property infringement claims and litigation; interruption in supply of key components; manufacturing risks; inventory write-downs; foreign currency fluctuations; competitive factors, including declining average selling prices; building and expanding field service and support operations; uncertainties pertaining to customer orders; demand for products and services; development of markets for the Company's products and services; and other risks identified in the Company's SEC filings. Readers are encouraged to refer to the risk factors described in the Company's Annual Report on Form 10-K (filed with the SEC on March 15, 2010) and its periodic reports filed with the SEC, as applicable. Actual results, events and performance may differ materially. Readers are cautioned not to rely on the forward-looking statements, which speak only as of the date hereof. The Company undertakes no obligation to update the forward-looking statements that may be made to reflect events or circumstances after the date hereof or to reflect the occurrence of unanticipated events.

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