

## **PRESS RELEASE**

For Immediate Release

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# **COMPACT Series Turnkey Diode Laser System Extends Power Range**

*Featured at Fakuma 2008, Booth #A4-4106  
October 14-18, 2008*

**Mainz, Germany, October 14, 2008** – DILAS Industrial Laser Systems today announced the power extension to 500W, 400µm fiber at 980nm for its COMPACT Series, a product line of fiber-coupled, turnkey diode laser systems. Fakuma 2008 in Friedrichshafen, Germany held during October 14-18, DILAS Industrial Laser Systems will address its advanced technologies in providing customers high-power competitive diode laser systems.

The 980nm, COMPACT 500W, 400µm is based on a fiber-coupled module using DILAS' conduction-cooled laser diode bars. It comes with an industrial water-to-air chiller, power supply and an integrated control unit. The turnkey diode laser system is controllable via 24V interface signals and its compact 19" rack mounts make it easy to integrate for OEM integrators.

Utilizing a QBH high-power fiber, the COMPACT 500/400 delivers 500W of cladding free optical power and is an ideal source for fiber laser pumping, materials processing and medical applications. Up to power levels of 100W, the COMPACT Series is also available air-cooled with a SMA fiber. DILAS Industrial Laser Systems can incorporate all available wavelengths into the COMPACT Series, ranging from 640nm to 2200nm. The system includes a 5m metal-armored fiber, optical imaging unit and laser warning lamps.

The COMPACT Series can be combined with a wide range of accessories for process control, including laser processing heads, cameras, pyrometer, galvo scanner and galvo scanner with integrated pyrometer.

### **About DILAS Industrial Laser Systems**

DILAS Industrial Laser Systems, a division of DILAS Diodenlaser GmbH, delivers reliable solutions for high-performance industrial laser systems in a wide range of output powers and wavelengths, including fiber-coupled, direct beam or line source solutions for an increasing number of industrial applications. Visit [www.dilas-ils.com](http://www.dilas-ils.com) to learn more.

### **About DILAS**

DILAS, the diode laser company, is focused on delivering the most innovative technologies and advanced product solutions in the industry. Founded in 1994 in Mainz, Germany, with operations in Tucson, AZ and Shanghai, China, DILAS designs, develops and manufactures quality high-power, high-brightness semiconductor laser components, modules and systems, including fiber-coupled products for worldwide distribution. For more information about DILAS, including product updates, visit the company's website at [www.dilas.com](http://www.dilas.com).

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