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## **DILAS Expands Product Portfolio with Introduction of the LFx40 System**

Mainz, Germany, January 23, 2007 – DILAS, a world leader in the design and manufacture of high power semiconductor lasers expanded its product portfolio with the introduction of its Line Focus Diode Laser System, (LFx40). This 400W diode laser system supports a wide variety of applications in the field of material processing such as simultaneous or masks welding of plastics, as well as annealing and re-crystallization of surface processes.

The new Line Focus Diode Laser System is featuring a power supply with an integrated micro controller and chiller. The LFx40 delivers 400W output power at wavelength from 800 nm to 980 nm with a line focus beam profile of approximately 100 mm length.

The LFx40 offers the industry critical production advantages, such as lower operating costs at higher efficiency and increased process reliability with a smaller footprint compared to conventional processes.

### **About DILAS**

Founded in 1994, DILAS is the world leader in high power semiconductor lasers components, modules and systems, including fiber coupled products. With manufacturing facilities in Mainz, Germany and in Tucson, AZ, DILAS is dedicated to deliver the most innovative technology and advanced products to the industrial, defense, graphic arts, and medical markets. For more information about DILAS, including product updates, visit our website at [www.DILAS-Inc.com](http://www.DILAS-Inc.com).

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