

Direct, Multi-Bar Diode Laser System

MDT Staff



DILAS, the diode laser company, announces today a direct, multi-bar diode laser system. The DILAS SD3000 is capable of delivering up to 3-kilowatt output at 980nm wavelength to the work piece.

The direct diode laser system, DILAS SD3000 is available either with symmetric spot configuration (SD3000S) or with different line focus configurations (SD3000L). Its line focus is homogenized in the long direction.

DILAS' SD3000 system is complete and comes turn-key with a water-water heat exchanger as well as power supply diode laser driver. The integrated new standardized DLC control unit provides external interfaces such as analog/digital interface as well as CANopen or other BUS interfaces, making integration into material processing workstations easy. The system is equipped with pilot beam for positioning purposes.

The DILAS SD3000 is ideal for surface treatment applications like hardening and applications that need large spot geometries.

For more information, visit www.dilas-ils.com [1].

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[1] <http://www.DILAS-ILS.com>