



High Processing Speed with Minimum Spot Diameter: The AXIALSCAN-50 by RAYLASE

LASYS, STUTTGART, June 8th, 2010 – For large field sizes, the AXIALSCAN product range by RAYLASE allows system integrators to position laser beams accurately with high processing speed and minimum spot diameters. The latest addition to the series, the AXIALSCAN-50 (AS-50), hones these attributes to perfection, combining a 50 mm aperture with laser power of up to 4 KW. It is particularly well suited to applications in the textile, automotive and packaging industry.

In the AS-50, the laser beam is positioned rapidly and precisely in the field of action by means of the 3-axis deflector unit with integrated, movable lens and focusing lens. This also allows processing in three dimensions. When a CO₂ laser is used in a field of action measuring 800 x 800 mm², the AS-50 achieves a spot diameter of 405 µm with a processing speed of 8.0 m/s.

These values make the AS-50 ideal for applications in the textile, automotive and packaging industry where high precision and on-the-fly applications are required. Other areas of use include welding, 3D applications, processing of moving materials, surface treatments and material processing by laser of organic materials like paper, textiles, foils and leather.

Images of the AXIALSCAN-50 are available on request from the HBI PR agency:
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About RAYLASE AG

RAYLASE AG develops and manufactures high precision components and subsystems for deflection, modulation and control of laser radiation for laser systems from a few milliwatts up to several kilowatts. The company, headquartered in Wessling near Munich, is DIN EN ISO 9001:2000 certified and offers high quality consultancy services and customized products developed and optimized in cooperation with clients and their customers. A worldwide network of distributors and representatives and its own subsidiary company in China help promote international sales. The in-house applications



laboratory ensures in-depth testing of the company's own new developments, as well as testing of laser materials processing conducted in collaboration with clients. The products are particularly suitable for machining of materials by way of marking, engraving, perforating, cutting, welding, rapid tooling, structuring, and for the machining of moving parts and 3D applications. RAYLASE deflector units are successfully used by leading laser system manufacturers and integrators in the printing, packaging, semi-conductor and electronics industries, and also in photovoltaic and automotive applications. RAYLASE AG stands for product quality, reliability and flexibility combined with expertise and many years of experience.

For further information, please visit www.raylase.com

Press Release

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