



The new, CE certified, dual-axis galvanometer scan head series »MINISCAN«

## A guider of light

### RAYLASE MANUFACTURERS CUSTOMIZED BEAM SCANNING SOLUTIONS FOR A BROAD SPECTRUM OF INDUSTRIAL LASER APPLICATIONS

Many industrial laser applications require the laser beam to be guided accurately across the workpiece – consistency, precision and speed are vital. CEO Peter van Jan highlighted some of Raylase's major achievements and markets during a recent interview at the company's facility.

#### GREGORY FLINN

Enjoying DIN 9001:2000 certification and headquartered in Wessling, near Munich, Raylase was founded in 1999. The management board, comprising Peter von Jan (Figure 1, CEO) and Erwin Wagner (VP), realized early on that Raylase's horizons extend well beyond the borders of Europe alone and have remained wholly committed ever since. Today, roughly one third of all production does indeed leave for distant markets.

Raylase develops and markets a range of successful beam guiding products with applications in automotive, safety, packaging, textiles, electronics and solar technology, covering an applications base that spans marking, labeling, engraving, per-

forating, cutting, welding, rapid tooling and structuring, and even the machining of moving parts and 3D applications.

Naturally, most of the production goes to OEM customers. Given the nature of the market, the vast majority of the systems developed are custom components for specific and often environmentally demanding applications. According to Peter von Jan, »Due to the ever increasing demand for positional accuracy, increasing miniaturization, higher beam powers, in-line process control and cost-effectiveness in difficult working conditions, we continually face and meet the need to redevelop and refine our products. If we don't pursue these challenges in a timely fashion, we risk losing our position as a global market leader.«

Raylase today produces components and subsystems at the forefront of modern technology for laser beam deflection, modulation and control. In addition to 2-axis laser beam deflection units and 3-axis laser beam subsystems – both of which



1 Peter von Jan, CEO at Raylase

have set new standards in engineering – customers are also offered the right software and control electronics to go with them, in a one-stop solution. A well-equipped applications laboratory and in-house testing ensure that custom solutions achieve their target goals and that quality control is assured, respectively.

#### Summary: off to new horizons

Such is the demand and potential for Raylase's products, that a sales and service branch was established in early 2007 in Shenzhen (China). Again from Peter von Jan, »In addition to Asia, the Russian Federation and the USA are further target markets where we expect to increase our level of involvement.«

■ [www.laser-photonics.eu](http://www.laser-photonics.eu)

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#### CONTACT

RAYLASE AG  
82234 Wessling, Germany  
Tel. +49 (0)89 8153 8898-0  
Fax +49 (0)89 8153 8898-10  
[www.raylase.com/en](http://www.raylase.com/en)  
Laser 2009: Booth C2.102