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RAYLASE AG makes an expert audience sit up and take attention

Two reports from employees of the firm of RAYLASE AG were very well received by an interested audience of experts. Erwin Wagner and Steve Hastings talked about the use of the PCD technology in Nuremberg during the Fachpack 2003 and in Manchester at the AILU-Conference. The Power-Control-Device, or PCD for short, this the latest result of innovative research at RAYLASE AG. This method was patented in 2002 and enables the laser output of CO₂ lasers to be controlled parallel to the speed of the deflection head. As Hastings and Wagner made clear in their lecture, an opto-mechanical control outside the laser - in conjunction with the speed of the deflection head - controls the laser beam intensity in the material being processed. The laser output can be controlled from 0 to 100 % with a response time of less than 1 millisecond without the typical problems of CO₂ lasers as regards variations in output. The audience learnt that the PCD technology is one way of working faster and more flexibly with maximum precision and quality. Punching is out! Longer machine running times and lower storage capacities for punching tools make this investment an economic joker.

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RAYLASE AG is a world-wide, trend-setting enterprise that develops modular components and assemblies to deflect and modulate laser beams and sells these internationally. Since its foundation in April 1999, RAYLASE has been facing the challenges in this field and supplying the market with innovative solutions. A global network of experienced specialists, external advisers, research and development facilities guarantee customers a range of products and services to the highest international standards.