

3D-Micromac at Hannover Fair 2008, 21st - 25th April 2008, Hannover, Germany

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Category: [Industry, Real Estate & Construction](#)

Press release from: [3D-Micromac AG](#)

Innovative Laser Micro Machining for production of photovoltaic systems, processing of semiconductors and medical applications

In the last years laser technologies not only confirmed their outstanding role for micro-machining but expanded it impressively. With enhancements in the areas of shorter pulses and shorter wavelengths there are growing possibilities to generate micro structures in all manufacturing sectors.

3D-Micromac AG shows new and interesting applications in laser micromachining – for instance in the area of photovoltaic applications and medical technology at Hannover Fair 2008, taking place from 21st - 25th April 2008, in Hannover, Germany. The new roll-to-roll laser machining for ablation of thin films on top of flexible substrates will be presented. A special feature of the 3D-Micromac roll-to-roll technology is the laser processing of substrates on the fly. That means a continuous winding process for reaching of a very high throughput. Even layers with different kinds of properties like polymer based solar cells, sensors, actuators, and electronic components can be processed.

Additionally an innovative and most economic solution for micro engraving of ceramics, plastics and some kind of metals will be in use at the show.

3D-Micromac will exhibit at Hannover Fair in Hall 6 Booth F 16 - I 4 within the laser special show “Laser for Micromachining” in the IVAM Product Market. For the first time IVAM shows innovative methods and laser applications for material machining and high-precision production in a special area.

The forum "Innovations for Industry" that accompanies the trade fair deals with the lasting trend subject of miniaturized industry solutions. Therefore international experts will address an audience with more than 60 presentations. On 23rd of April 2008, the forum concentrates with the so-called Laser Day on the subject of lasers for micromachining and micro production. All activities of 3D-Micromac on the field of applied laser technology will be introduced by a presentation „Ablating with Ultrashort Pulsed Lasers in Micro Machining“ at the forum.

Further information and pictures:

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Hannover Fair 2008: Hall 6 Booth F 16 - I 4

About 3D-Micromac AG

3D-Micromac AG, a leading supplier of customized laser micro machining systems, has gained an established position in the international market over the past several years.

As a developer and manufacturer of complex workstations, as a service provider for materials and surface machining or as a solution provider for the development of specific production processes - we are able to find the best solution for every customer's task.

More: www.3d-micromac.com

[You can find this press release here](#)