



EuroBLECH 08: plasmo has its own subsidiary in Germany since 2008 plasmo expands portfolio and industry focus

23 October 2008 – plasmo presents a wide range of solutions for quality assurance in the manufacturing industry at EuroBLECH 08, the international trade fair for sheet metal technology, which takes place in Hanover from 21 to 25 October 2008. The innovative "plasmo 3D Observer" image processing system for robot work space from the RoboVision series will also be introduced. With an expanded portfolio, a focus on several sectors of the manufacturing industry and the establishment of a subsidiary in Stuttgart at the beginning of 2008, the internationally active Austrian-based company intends to further increase sales on the important German market.

Arnold Braunsteiner, CEO of plasmo: "We are an international leader in the field of laser material processing quality assurance systems and are traditionally strong in the automotive industry. We intend to maintain and further develop our position." Thomas Grünberger, CTO of plasmo, describes an important goal: "But we are convinced that we can also assist other sectors of the manufacturing industry in gaining a quality advantage with our automated high-tech solutions." And the second goal: "Our portfolio provides countless opportunities for customised quality assurance systems in manufacturing. They reach far beyond the field of laser material processing," Grünberger continues. The plasmo 3D Observer, which is being presented at events such as EuroBLECH 08, is just one example.

Investing in innovation

"We are already represented on four continents with our systems; our customers in the automotive industry include companies such as Audi, BMW, Daimler, VW, and PSA. But also companies such as ABB, Maco, Hettich and the Dutch steelmaker Corus use our testing systems and rely on our high level of innovation," said Braunsteiner. plasmo emerged from the university environment. Innovation as well as research and development remain the main success factors. "We invest 30 percent of our resources into the new and ongoing development of our solutions," Grünberger added. In the process, plasmo relies on a multidisciplinary team from various fields such as instrumentation and control technology, laser technology, image processing, automation technology, 3D data modelling, business administration...

Anniversary: 5 years of plasmo

Founded in 2003, plasmo celebrates its fifth anniversary in October 2008. Meanwhile, a team of 16 people generated turnover of EUR 1.63 million in 2007. "Our goal for 2008 is EUR 2 million," said Arnold Braunsteiner. At the beginning of 2008, the new plasmo office in Germany opened and the plasmo distributor in Japan also started its activities.

plasmo 3D Observer – the state-of-the-art image processing system

The plasmo 3D Observer is an image processing system for robot work space that has been newly developed by the plasmo engineers. When highlighting the advantages of the innovative solution, which was presented at VIENNA-TEC, Braunsteiner said: "The 3D Observer is fast, flexible, freely scalable and - depending on the work space - achieves absolute precision of less than 0.5 mm." Designed for the rapid 3D measurement of industrial work space, the plasmo 3D Observer enables the recognition of parts, type testing, determination of dimensional stability and calculation of the grasping point, so that parts can be welded or stacked with high-precision. With the CAD interface, the sensor requires no parameterisation even with high parts diversity and is thus ideally suited for flexible automation.



Classical: plasmo ProcessObserver – a success story

One can say that the plasmo ProcessObserver series is the "plasmo product classic", it is a high-performance process monitoring system for industrial welding production. A system for online process monitoring in laser material processing (welding, cutting, drilling and soldering). The monitoring is performed through observation of the - occurring during the processing procedure - process light in the visible and invisible area.

Fast signal processors provide online classification and fault assessment directly during the processing procedure. The visualisation and parameterisation is carried out by an industrial PC. The ProcessObserver series quickly and reliably detects irregularities and faults such as welding interruptions, pores (also inside the material), etc.

plasmo Industrietechnik GmbH

plasmo is an innovative, globally operating technology company for automated quality assurance and control systems in the manufacturing industry. Founded in 2003, plasmo is pioneering in real-time quality control for welding processes. The broad portfolio in the field of quality assurance: performance measurement for lasers, control of welding processes, monitoring of welded joints, geometric shapes and surfaces, customised solutions in the field of industrial image processing, analysis software as well as an extensive range of services. The team of 16 experts accompanies its clients from defining the testing task through to realisation of the testing system. Almost every vehicle produced in Europe, from Audi to VW, but also white goods and many other industrial products pass through the innovative plasmo testing systems during manufacture. Internationally, renowned customers from ABB across Hettich through to Magna and numerous automobile manufacturers such as Audi, BMW, Daimler or the Dutch steelmaker Corus rely on quality and quality assurance from plasmo. In 2007, the 16 strong company based in Vienna generated a turnover of EUR 1.63 million. At the beginning of 2008, the new plasmo office in Germany opened and the plasmo distributor in Japan also started its activities.

Photo download and further information: <http://www.plasmo.eu>

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