



**CUTTING
WORLD®**

Essen, 19 April 2018

German Cutting Congress and Cutting World at Messe Essen for the first time

Experts informed themselves about innovations, industry 4.0 and new technology

The three-day trade event at Messe Essen provided the impetus for the important sector of the economy involved in industrial cutting: At the German Cutting Congress and the accompanying Cutting World trade fair, trade visitors learned about innovative topics and new solutions.

For the first time, the traditional German Cutting Congress took place at Messe Essen. The focus was on topics such as Industry 4.0, new technologies for processing materials such as metal, plastic or glass and attracting employees in times of a shortage of skilled workers. Well-known speakers from the industry passed on their knowledge here. Hartmut Müller from the Günter-Köhler Institute for Joining Technology and Materials Testing spoke about cutting glass with laser radiation. Dipl.-Ing. Peter Abels from the Fraunhofer ILT provided information on self-learning process monitoring for material processing with laser radiation. Brand coach Matthias Fuchs explained how companies can become employee magnets.

Congress organizer Gerhard Hoffmann: "We are delighted to have found our new home at Messe Essen. This is an important platform for professional exchange within the industry. For the first time, trade visitors and speakers had the opportunity to experience live what they had heard in the lectures". The Cutting World took place parallel to the congresses. Here selected exhibitors presented their innovations, some companies had brought their new machines. Trade visitors were able to obtain first-hand information about products and solutions for efficient and resource-saving cutting. On display were the first laser cutting machine designed for 2D cutting with a direct diode laser, a powerful high-pressure pump for waterjet cutting systems and a new easy-to-handle machine for removing cutting slag, edges and splinters.

Oliver P. Kuhrt, CEO of Messe Essen: "This small but fine live presentation met with a positive response from trade visitors and exhibitors. We will continue to expand them in the future and market them even more strongly. The future belongs to high-quality special events like these with a clearly focused target

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group". The German Cutting Congress and Cutting World were harmoniously integrated into the portfolio of Messe Essen, which hosts numerous other high-quality trade fairs such as IPM ESSEN - the world's leading horticultural trade fair -, the leading trade fair for civil security Security Essen and Metpack, the leading international trade fair for metal packaging.

Exhibitor comments

Marcus Stickel, Member of the Management Board, Bystronic Deutschland GmbH:
"We deliberately showed our ByStar Fiber 10,000 at Cutting World. With its high output of 10 kW and its technological progress, it is an interesting alternative to plasma or oxyfuel cutting. This was also evident in the discussions we held here. Because this fiber laser cutter shows its strengths right up to high sheet thicknesses, cuts very precisely and there is less heat effect on the material".

Sascha Fritze, Business Unit Manager Laser, Yamazaki Mazak Deutschland GmbH:
"We were very happy to come to the Cutting World as we are a fan of targeted specialist events. The discussions we held here were promising. In order to present the suitable machine to the experts who were here, we demonstrated our new Optiplex 3015 DDL. This worldwide first laser cutting machine designed for 2D cutting with direct diode laser provides our customers with a high cutting speed, a leap in quality and an increase in efficiency. We see great market potential for this here in Germany".

Dipl.-Ing.(FH) Sven Anders, Managing Director, STM Waterjet GmbH Germany:
"STM Waterjet, a full-range supplier of waterjet cutting systems, presented a waterjet cutting system of the latest generation with a cutting angle compensation head in action. Visitors are always very interested in discussing waterjet cutting in detail directly at the object. We had some detailed discussions with potential interested parties, whom we had invited especially to the trade fair".

Further information: www.cuttingworld.de

www.schneidforum.de