



PRESS RELEASE

Z-LASER presents its new laser projector at the JEC World Composites Show 2016 in Paris

***Z-LASER** presents new, multicolor laser projector in Paris | **Z-LASER** as member on the booth of the federal state of Baden-Württemberg | First fiber combined laser with red and green source in one device | Fiber combined laser with enhanced laser beam quality | Output rating from 7mW up to 40mW | Optics focusable by 0.5m up to 7.0m, additionally up to 14.0m | Fast driver card less flickering projections*

Freiburg/Paris: **Z-LASER** Optoelektronik GmbH from Freiburg (Germany) is presenting - first time ever - its new laser projector **ZLP** at this year's JEC Composites Show in Paris. **Z-LASER** laser projectors are usually used in the composite industry, in branches like ship building, vehicle construction, scale modeling or space and aeronautics. For example: assembling of rotor blades of wind turbines.

The **ZLPs** goal and difference to the conventional laser projectors is that **ZLP**, with its newly developed fiber-coupled, now projects highly precise multi-colored contours on different materials. At the JEC Paris a projector with a red (638nm) and a green (520nm) fiber source is going to be presented. This source delivers an enhanced laser beam quality and visibility. Depending on chosen material, the contours can be projected in red, green or yellow.



Pic1: ZLP's laser projection on composite material/carbon

The required data can be submitted either via Ethernet, PLC or serial input. Depending on clients specifications three different coolings are possible: passive, integrated thermoelectric cooler or water cooling. The ZLP operates with output ratings between 7mW up to max. 40mW (as special solution). The ZLP can work within the range of 0.5m up to 7.0m to the projection ground. With an additional enlargement optic (Tele-optic) up to 14.0m can also be realized.



Z-LASER

Intelligent Solutions in Light

Z-LASER Optoelektronik GmbH

Within the past 30 years **Z-LASER** developed from a manufacturer of simple positioning lasers to the solution developing partner in the field of laser image processing and OEM in different industries. From Freiburg (Germany) the manufactured laser products are sold worldwide through a network of international distributors. Research, development and manufacturing of all components, and finally the whole laser is made 100% in Germany. Therefore every **Z-LASER** is a real „Made in Germany“ product. In the headquarter in Freiburg (Germany) about 85 employees develop and create laser modules and innovative laser products/solutions. The Department of Research and Development itself is about 30% of the employees resources.

In the region of Freiburg/Baden-Württemberg, **Z-LASER** delivers a major contribution for the preservation of the local business location. Also **Z-LASER** educates continuously trainees in the field of electronic and business administration (apprenticeship) and is a well-known and approved partner of several universities (degree studies).

Z-LASER Optoelektronik GmbH | Merzhauser Straße 134 | D-79100 Freiburg

Tel: +49 (0)761 296 44-44 | E-Mail: info@z-laser.de

Kurt-M. Zimmermann (CEO) | Rüdiger Ruh (COO)

Civil court Freiburg: HRB 3451

Press contact

V.i.s.d.P.: M. Reisch, Marketing Director, reisch@z-laser.de, Tel: +49 761 296 44-364