

September 02, 2013

Highlight



Presenting PolyBright results during K2013 International Trade Fair for Plastics and Rubber 16.-23. October, Düsseldorf, Germany, Booth 7 C 03

PolyBright's last project month (duration October 2009 – October 2013) is dedicated to present results during world's most important polymer "K" trade fair. In the frame of the so-called "Science Campus" - a collection of research oriented exhibitors - PolyBright partners show new developed welding prototype machines based on high-brilliance laser sources as well as laser welding theory and applications.

Exposition highlight is Leister's Dynamic Mask welding prototype machine, based on a high-flexible Liquid-Crystal-on-Silicon (LCoS) reflector and a polarized 1060 nm, 70 W fiber laser which allows laser simultaneous welding with high contour flexibility. A galvo scanner together with a diffractive optical element at its entrance aperture enables quasi-simultaneous welding with modified beam profile (like M-shape, tophat-shape, ...) as well.

Besides prototype machines, scientific results regarding welding process simulation, material, laser welding process control, etc. are presented using roll-up banners.

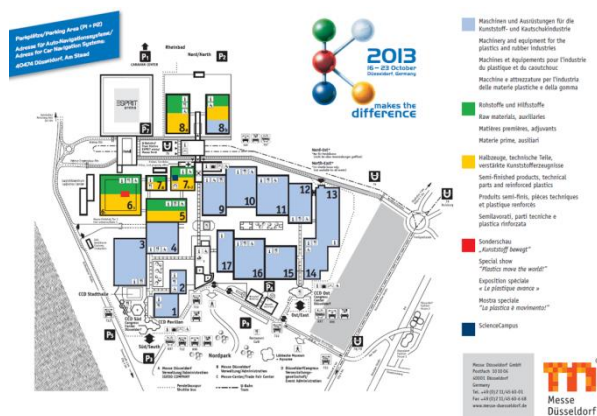


Figure 1:
K2013 International Trade Fair is the biggest of its kind in the field of polymer material and application.
PolyBright booth 7 C 03 is located within the "Science Campus" exhibitor group in hall 7.

K fair characteristics:

- 3 year interval: ... - 2010 – 2013 – 2016 - ...
- 3.094 exhibitors from 56 countries (K2010)
- 1.072 german, 2.022 international exhibitors (K2010)
- 222.486 visitors from 109 countries (K2010)
- 57 % international visitor percentage (K2010)
- Opening hours: 10:00 - 18:30
- Daily ticket 65,- €
- Wed 16.10. – Wed 23.10.2013 (including weekend)



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