

# Press Release

Aachen,  
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## New laser technology shortens process chains in flexible sheet metal fabrication

Cutting, contour capturing and welding in one process chain, with one machine and one tool – this innovation provides hitherto unthinkable benefits in costs and time for the sheet fabricating industry. The integrated manufacturing process is one of the highlights on the International Laser Technology Congress AKL'10 from 5th to 7<sup>th</sup> May 2010 in Aachen. Together with the Fraunhofer-Institute for Laser Technology ILT and the system integrator Reis Robotics the Aachen Laserfact GmbH has successfully finished the three-year development project "kolas" funded by the Federal Ministry of Economics and Technology BMWi. Technical details and first industrial implementations will be presented to the attendees in the Aachen Eurogress. During the following „Laser Technology Live“ show in the high-power laser laboratory of the Fraunhofer ILT the interested professionals can assure themselves of the innovation's advantages by means of practical applications with the laser combi-head.

### Laserfact GmbH

Laserfact GmbH develops, produces and delivers beam tools for flexible manufacturing with lasers. The aim of Laserfact is the provision of laser processing heads which perform extremely reliably, efficiently and flexibly in industrial laser applications. By using sophisticated optics and nozzle design combined with solid engineering the products of Laserfact achieve optimum performance with striking simplicity in construction, operation and application.



Laserfact combi-head cuts, captures the component part contour and welds the sheet metal assembly without changing tools.

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