

# Press Release

TRUMPF GmbH + Co. KG  
Press/Public Relations

**TRUMPF at the EuroBLECH 2006  
Hall 11, Booth-No. C32/1-3**

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## **Modular in 3-D – TRUMPF becomes a total provider with the new robot welding cell**

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For the first time TRUMPF will be presenting itself at EuroBLECH as the manufacturer of a robot welding cell, the TruLaser Robot 5020. From the laser beam source to the safety enclosure, from the peripherals to the integration expertise – all the required know-how has been brought together in one spot. Only the standard robot continues to be an outside product. It comes from KUKA.

The complete solution TruLaser Robot 5020 from TRUMPF is a flexible robot solution for 3-D processing. The TruLaser Robot 5020 distinguishes itself with high productivity and availability thanks to short programming times. In addition, the robot solution guarantees a uniformly high quality in the workpieces. Its modular, standardized design allows the TruLaser Robot 5020 to be individually expanded or delivered ready for operation according to the user's requirements.

At EuroBLECH, TRUMPF will be offering several innovations for the TruLaser Robot 5020.

Functionalities such as electrical cabinet, cable channels, suction lines, lighting and safety devices are integrated into the new, cost-optimized safety enclosure. It is easy to connect several enclosures.

More sophisticated welding optics with minimized interference contour or a new collision protection using a magnetic coupler

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embody the innovations specifically, like the optimized shielding gas supply. An observation camera with crosshairs is also available for moving in the workpieces. The automatic adjustment of the focussing orientation is a special feature: It is now possible for the first time to switch between deep welding and thermal conduction welding in a single processing cycle.



TRUMPF is a high-tech group focusing on production and medical technology. Further information on the company can be found at [www.trumpf.com/TRUMPF Group/Press/Media Services/Press Kit](http://www.trumpf.com/TRUMPF%20Group/Press/Media%20Services/Press%20Kit)