



World premiere at EuroBlech: TC 6000 fiber

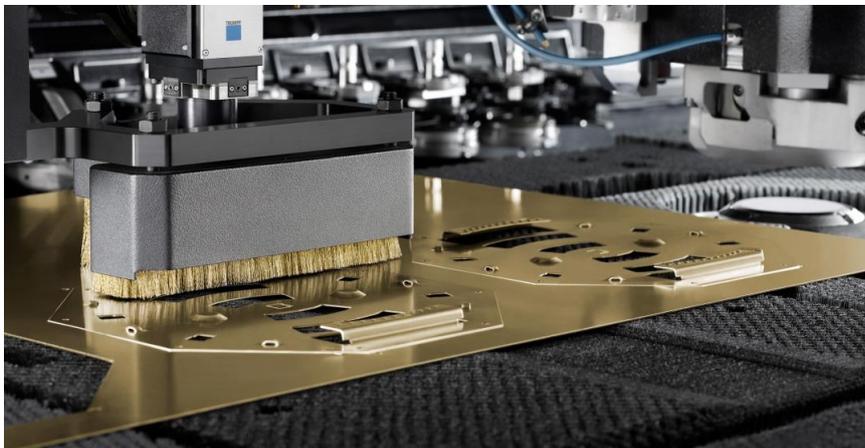
Perfection of performance in development cooperation with HA-BE

This year, a very special "titbit" was presented to the global public at the world's leading trade fair for sheet metal processing machines, the **EUROBLECH in Hanover**, Germany. With the presentation of its **TruMatic 6000 fiber**, Trumpf has launched a new generation of machines combining all the benefits of punching and laser processing.



We would like to draw particular attention to the fact that this new generation was able to be created, not least due to the cooperation with and at HA-BE. **Since March 2014, this machine has already been used for test purposes at HA-BE.** During real-time operation, the correction of remaining flaws and fine-tuning of various little screws was carried out in close cooperation with Trumpf in order to enhance efficiency and adapt the TC 6000 fiber to the hard reality of practical sheet metal processing.

The TruMatic 6000 fiber combines all the benefits of fiber lasers with high-grade punching technology and will therefore probably become the most productive sheet metal processing machine, providing an **increase in productivity of up to 30%** in the punching and laser processing business. This machine uses the advantages of high-cutting speeds and combines 180 kilonewton punching force with 1000 strokes per minute along with highly dynamic

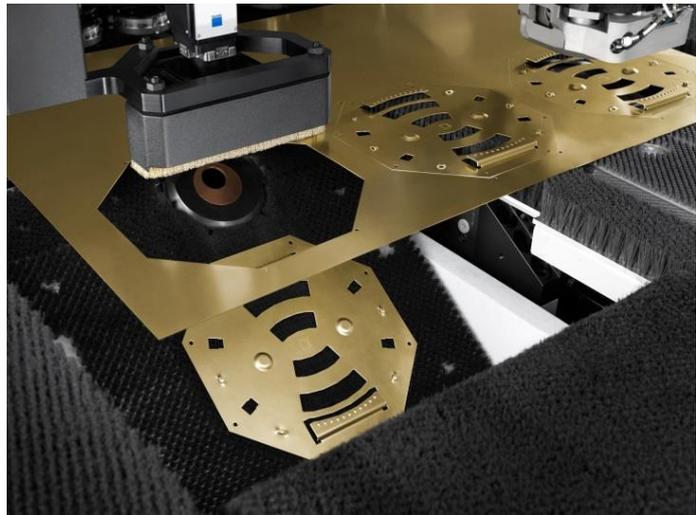


drives. With these high performance values and a very robust machining concept that has proven itself in practice over the years, the TruMatic 6000 fiber sets standards for productivity and process liability. As such, the TC 6000 is able to very rapidly cut, punch and mould sheet metal with a thickness of up to 6.4 millimetres.

HA-BE

In terms of productivity, the strengths of the fiber laser are particularly apparent in the processing of laminated stainless steel and zinc-plated construction steel. In this area of application, the feed rates are up to six times higher than a CO₂ laser that performs identically. At the same time, top quality is a matter of course. The lowerable matrix, a laser hold-down device equipped with its own NC axle and partially brushed flaps, ensures **material-friendly processing and high quality of the parts**. The machine also comes with a mature laser performance control allowing the smooth processing of delicate and close contours with edges and angles of superb quality.

However, the fiber laser provides other benefits as well: It extends the TruMatic 6000 fiber laser's spectrum of materials and also allows the **processing of non-ferrous metals like copper and brass in addition to construction steel, stainless steel and aluminium**. By means of nitrogen cutting technology, dimensional accuracy and edges of best quality in non-ferrous metals are achieved at the lowest level of thermal distortion. The unique design of the TruDisk laser enables process-reliable operation, which is not affected by back reflections. **With this, the TruMatic 6000 fiber also sets new standards for quality and processing flexibility.**



For HA-BE, the TC 6000 fiber represents another target-oriented investment into the future. As one of the leading enterprises in the area of sheet metal processing, we are thus expanding our technology leadership with the addition of another highly innovative machine.

By linking the equipment with a STOPA storage system and using the 70-station Tool Master, the access to sheet metals to be punched is very fast and enables flexible processing of small batch quantities with extremely short set-up times.

At HA-BE, we are proud that we can now offer you the entire TC 6000 production portfolio for the processing of your products. Your technical sales representatives will be happy to answer any questions you may have on this topic!