

### TKF 1500-0: The Ball Will Be Rolling Soon



To build the Mönchengladbach stadium, Siebert & Möller GmbH of Krefeld, Germany, planned, produced and assembled about 3,000 tons of heavy duty steel. The steel company has been relying on TRUMPF bevellers for 20 years to accurately and economically produce welded edges.

Siebert & Möller GmbH has decades of experience in the steel construction industry. In addition to various crane rails and pipe bridges, the company built the steel construction for the arena for the German soccer team Schalke. The company is assisting in the completion of an additional stadium in Mönchengladbach. The ball is scheduled to roll there on July 1, 2004.

Marian Gatzki, Shop Supervisor at Siebert & Möller knows exactly what it takes to successfully complete such highly visible orders. »Of course, quality and price are at the top of our customers' requirements list. At the same time, we have to deliver right on time because otherwise stadium construction will fall behind, which would lead to revenue shortages.« To prevent this, the company trains its employees well and ensures that they are able to work with state-of-the-art technologies.

For the Mönchengladbach stadium, the steel company is doing all of the planning, technical processing, production and assembly of the approximately 3,000 ton steel structure. In addition, they are producing a roof covering measuring about 23,000 square meters made of sheets of trapezoidal-shaped sheets and polythene. So-called head restraints, tube suspension and diagonals are supports for the roof. This tube construction consists of main tubes and various connecting components such as head assemblies, joint pieces and consoles.

In order to guarantee a high-quality weld seam, good preparation is very important. TRUMPF bevellers are routinely used for this purpose. Gatzki explained: »We have been using TRUMPF power tools for 20 years. At the moment, we work with the TKF 1500-0 and TKA 500-0 bevellers.« Using these tools, employees in the shop and on the building site are able to produce precise welded edges rapidly, flexibly and reliably.

»As an alternative, we could burn the edges manually or machine them mechanically. But this would be neither accurate nor cost-effective. We work considerably faster with TRUMPF tools and are able to rely on the same level of high quality for welded edges,« explained the Shop Supervisor. It is exactly these advantages that customers want and would not miss anymore. The stadium's steel structure must reliably withstand high loads up to 100 percent. »So there must be no weld seam errors.«

The TKF 1500-0 as well as the TKA 500-0 are easy for new employees to learn. One hour of practice is sufficient to work with it productively. Thanks to quick release locks and continuously high service life, TRUMPF has increased the cost-effectiveness of its power tools even further making a rapid return on investment possible.

#### Further Information:

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*1 : 0 for the TRUMPF TKF 1500-0 beveller. It has scored points with the employees at Siebert & Möller thanks to its high performance and ease of use.*

