



In cooperation with several partners, like SMW-Autoblok Spannsysteme GmbH, the Stahlwerk Premium Line can meet the strict quality standards of ProfModul.



Stahlwerk technician, Andreas Heibel, during several days of user training at ProfModul in Tjumen, Russia.

Successful Expansion

In 2015, ProfModul decided to expand its operations by adding metal machining to its production. The Russian company turned to the Stahlwerk Premium Line experts to find the optimum machine tool for its requirements.



ProfModul started with a Taurus 300M in its heavy metal machining operation: The CNC Horizontal Turning Center provides maximum flexibility to machine a wide variety of workpieces.

Picture: KNUTH / ProfModul

Sergej Vlasow, General Manager of ProfModul, confirmed: "The superior quality of Stahlwerk machines combined with the all-encompassing service results in a very attractive package."

ProfModul has been producing roofing and siding materials since 2011. At its facilities in Tjumen, Russia, the company manufactures sheet metal covered sandwich boards. The company employs 120 people and is the leading construction material manufacturer in the Ural region. In 2015, the management decided to add metal machining to its production in order to provide turned and milled parts for customers in the engineering, automobile, petroleum and natural gas industries.

"ProfModul was looking for suitable machines that would help them to reach their goals in the most effective and efficient way", said Irina Gerdt, Sales Manager for Knuth in Russia. "We supported ProfModul from the beginning on their new journey." The company sent us technical drawings, which were used by Stahlwerk experts as basis for finding the perfect machine tool for them. "As a CNC Horizontal Turning Center, the Taurus 300M provides maximum flexibility for machining a wide variety of workpieces. The machine was

fitted with a hydraulic rest, a puncher, a tool gauging system, and a rod loader interface in order to completely fulfill all production requirements at ProfModul.

Additionally, this led to an expanded area of applications, since now a wider variety of products can be produced than with the standard version of the machine. Today, ProfModul produces custom screws, nuts, bolts, anchoring screws (blocks), formed parts for tubing elements, flanges, transition and connection pieces, pipe connectors, bushings, enclosures, shafts and much more. Additionally, the company reconstructs workpieces for replacement components based on samples.

"Knuth has supported us throughout this project and provided a streamlined implementation of our very special requirements", said Sergej Vlasow, General Manager of ProfModul. "The quality of Stahlwerk machines is as superior as the all-encompassing service". Our contact was accessible at all times, and service technicians assisted us promptly on site in Tjumen, Russia."

Today, ProfModul uses several machines from the Stahlwerk Premium Line: CNC Lathe Orion 6TL, CNC Turning Center Orion 10TLM, CNC Machining Center Lupus 420L. In the near future, a Lupus 650 CNC Machining Center with a 4th axis will be added to the customer's production operations.

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