

True greatness is revealed in the cut – JEBENS trusts ZINSER

JEBENS, a leading provider in international contract cutting, was specifically looking for a reliable heavy-duty cutting machine to replace an outdated system and set the course for the future.

ZINSER, in collaboration with JEBENS GmbH — a wholly owned subsidiary of Dillinger Hüttenwerke — successfully realized an impressive project: making the processing of extremely thick steel parts up to 750 mm even more efficient. To continue meeting the high quality standards in international contract cutting while also ensuring economic efficiency, JEBENS decided to replace an outdated oxy-fuel cutting machine. Inspired by the JEBENS-motto „True greatness is revealed in the details,“ ZINSER, as an experienced partner, developed a customized solution for precise and powerful heavy-duty cutting.



JEBENS GmbH, based in Korntal-Münchingen, Germany, specializes in the precise processing of steel parts and handles around 70,000 tons of steel annually. With a team of 180 employees, the company delivers outstanding quality in the production of large-scale flame-cut parts and welded assemblies. Due to the increasing demand for the cutting of extremely thick steel plates, JEBENS decided to invest in a more powerful solution. The existing, outdated machine from another manufacturer was no longer able to meet the growing requirements for precision and efficiency.

For almost 30 years, JEBENS has relied on the proven technology and expertise of ZINSER. Today, with seven

ZINSER machines in operation, the company continues to trust in their superior quality and reliability. “ZINSER machines impress with their precision and dependability. The excellent service and our longstanding partnership were key factors in choosing to realize this project once again with ZINSER,” explains Kevin Thumm, Production Manager.

The ZINSER 5226: Precision to meet big challenges

JEBENS chose the ZINSER 5226, a specially developed machine designed to meet the demanding requirements of JEBENS in processing extremely thick steel parts. With a track width of 5,600 mm, a working width of 4,000 mm, and two independent gas circuits, the machine offers an exceptionally wide range of processing capabilities. Thanks to the digital control of four oxy-fuel torches, material thicknesses from 10 to 240 mm can be processed with precision, while two heavy-duty torches allow cutting capacities of up to 750 mm. The ZINSER 5226 enables precise cutting of both large, thick parts and thinner sheets.

JEBENS operates a wide range of high-performance cutting machines. The new ZINSER 5226 complements the already extensive machine park, which now includes a total of eight ZINSER machines: three oxy-fuel cutting



systems with eight oxy-fuel torches, one with six oxy-fuel torches, and two combined flame-cutting and drilling systems. With these high-performance systems, the company is perfectly equipped to efficiently handle large volumes and formats.

The experienced ZINSER team, led by project manager Wilfried Hennen, worked closely with JEBENS to tailor the machine precisely to their specific requirements. The close collaboration and the expertise of JEBENS' employees enabled the optimization of the heavy-duty cutting processes. After just a few months of development and construction, the ZINSER 5226 was delivered in early 2024. Since then, the machine has been operating in two shifts and efficiently handles the full range of thick steel parts.

with JEBENS and the trust they have placed in us," says Falk Richter, Service Manager at ZINSER. "Statements like the one from Kevin Thumm motivate us to continue developing machines that are tailored to the individual needs of our customers and ensure the highest quality and reliability in production."

The ZINSER 5226 demonstrates how technology, expertise, and strong customer partnerships can go hand in hand. This "real heavy-duty machine" reliably cuts through thick and thin, providing outstanding performance for today's sheet metal industry and the challenges of the future.



Finished part, which will later be used in a hydraulic press.



Photo: JEBENS

**CUTTING
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