



# ONE FOR TWO

## MultiTherm® replaces existing machines

Ohlsdorf, Austria, 2023.01.04

When metalworking companies work much more productively with a few new machines than with several old ones, it is always something special. Jacquet Metallservice GmbH in Ohlsdorf, for example, is delighted about a new level of productivity with the MultiTherm® from Messer Cutting Systems.

### Getting better

The two old plasma cutting machines could no longer cope with Jacquet's increased requirements. "In order to further expand our market leadership, we set ourselves the goal of improving quality, significantly increasing our efficiency and optimising our services," explains engineer Walter Petermeier, Managing Director and Project Manager at Jacquet Metallservice. "We also wanted to greatly reduce our response time by maximising machine utilisation with minimal downtime," adds Markus Reitingger, the company's workshop manager.

Therefore, it was important to find a productive system that would replace the two existing machines with one machine without a major loss of production. In times of Corona and the difficulties caused by interruptions in the supply chain, this was not an easy task.

Support in the selection of the machine came from the German colleagues in Bochum, Ohlsdorf's sister company. They already had a machine from Messer Cutting Systems in operation and were enthusiastic about price and quality.



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## Quick decision

The contact with Gerald Wimmer, the responsible manager, and Head of Messer Cutting Systems Austria, was quickly established and agreement was reached in no time: Jacquet decided on a MultiTherm® with a working area of three metres wide and twelve metres long. The machine is completed by a Hypertherm HPR 800XD and a water table from Beuting. "We cut stainless steel up to one hundred and fifty millimetres thick with plasma under water, with nitrogen (N) and argon-hydrogen (H35)," Reitinger explains.

Whether plasma (vertical or bevel), multi-torch oxyfuel cutting, laser (vertical or bevel), marking, drilling or a combination of all the above processes: The MultiTherm® is designed for a wide range of applications thanks to its variety of equipment options. High-performance drives for speeds up to 50 m/min enable a high positioning speed. Optimum cutting speeds are achieved even with fine contours. Sufficient parking space for the units above the wheel housings ensures optimum use of the effective working width. Of course, multi-torch operation is possible in oxyfuel as well as in plasma mode and ensures high productivity.

A bulkhead wall was installed on the table at Jacquet Metalltechnik. This wall makes it possible to divide the table into two areas. This reduces the standstill sides when removing components.

## Fast implementation

Thanks to the exact preliminary planning of the project partners, the implementation was just as quick as the decision in favour of MultiTherm®. The high level of competence on both sides was a guarantee for the very short installation time: "Messer Cutting Systems handled everything thoroughly. The installation team worked excellently with our team and so we were able to dismantle the old machines and install the new one in a very short time. We only had a very short downtime and were quickly able to resume our normal production," Reitinger and his workshop team are pleased to report.

"We are very satisfied with the system and the extremely good cuts," Petermaier sums up.

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Figure 1: MultiTherm® in use at JACQUET Metallservice



Figure 2: Logo JACQUET Metallservice



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## WHAT WE STAND FOR CREATING SOLUTIONS BEYOND MACHINES

Messer Cutting Systems is a global supplier of cutting-edge technology for the metalworking industry.

With over 900 employees worldwide in over 50 countries, we maintain a constant dialogue with our customers to achieve sustainable user-oriented innovation.

Our portfolio embraces the themes PRODUCT, DIGITAL, SERVICES, AUTOMATION and KNOW-HOW. We will live up to our claim "Creating Solutions Beyond Machines" not just with the most modern cutting systems and solutions for oxyfuel technology.

Appropriate services and training, our own software applications as well as the integration of solutions from our technology partners, e.g., in the field of automation, complete the machine to give forward looking total solutions.

Our Know-how combined with our customer-oriented attitude and actions make us the world-wide partner of choice for innovative total solutions on all aspects of cutting systems since more than 120 years.

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JACQUET Metallservice GmbH.

Our company is in Ohlsdorf, Austria. With state-of-the-art underwater plasma cutting equipment and an abrasive water jet system, we produce high-quality blanks up to max. 150 mm thickness according to customer specifications.

We offer more than 20 materials in thicknesses from 2.0 to 150.0 mm in sheet sizes up to 3000 × 12000 mm as well as nickel-based alloys in thicknesses from 2.0 to 50.8 mm (depending on material) and dimensions up to 12000 × 3000 mm (depending on thickness). Our qualified staff accompanies customers, starting with the selection of materials, mechanical processing of workpieces, through to costing and for large-scale projects.

Jacquet Metallservice GmbH is the Austrian branch of the Jacquet Metal Service Group, an internationally active company with headquarters in Saint-Priest near Lyon in France. The group is one of the world's largest distributors of quarto stainless steel sheets and nickel-based alloys.

JACQUET METALS has around 3,081 employees and 106 branches in 24 countries in Europe, Asia and North America.