

PRESS RELEASE



EFFICIENCY AND AUTOMATION ALONG THE ENTIRE PROCESS CHAIN

Groß-Umstadt, Germany, 2026.04.08

Today, steel traders and steel service centers require solutions that enable economical, flexible, and, where possible, automated sheet metal processing. As a solutions provider, Messer Cutting Systems covers the entire process – from material feeding and processing to the automated sorting of components – and offers support and service through a single point of contact for the entire operation. Close collaboration with the customer is crucial, especially for larger investment projects: Requirements are analyzed together, and customized system concepts are developed based on this analysis.

One example of Messer's system technology is the ELEMENT L laser cutting machine. Equipped with the Bevel-U bevel cutting head, specially developed for the laser process, it produces precise and repeatable beveled parts with angles of up to $\pm 50^\circ$. The bevel angle can be continuously adjusted during the cutting process, allowing for the creation of different edge profiles for subsequent welding processes. The robust machine platform is designed for the cost-effective processing of even large sheets and offers numerous flexible configuration options. Additional processing steps, such as drilling or marking, can be integrated directly into the process. High safety standards ensure reliable employee protection.

Optimal material flow is also a key requirement for efficient production processes. Messer Cutting Systems offers flexible handling and sorting systems that can be adapted to various standard and special sheets as well as individual customer requirements. One example is the ICSORT system, which automates loading, unloading, and sorting processes. This increases machine uptime and production output, while sorting processes can also be carried out outside of regular production hours. At the same time, automated solutions help to counteract the increasing shortage of skilled workers.



PRESS RELEASE



The modular software solution OmniFab ensures the digital networking of manufacturing. It connects machines, automation systems, and ERP structures to form a seamless digital process chain. Order and production data are displayed transparently and can be traced.

Author: Abraham Balendran, Head of Product Management Messer Cutting Systems



Image 1: The ELEMENT L laser machine scores points with its high dynamics, state-of-the-art laser technology and the ability to process XXL sheets economically.

PRESS RELEASE

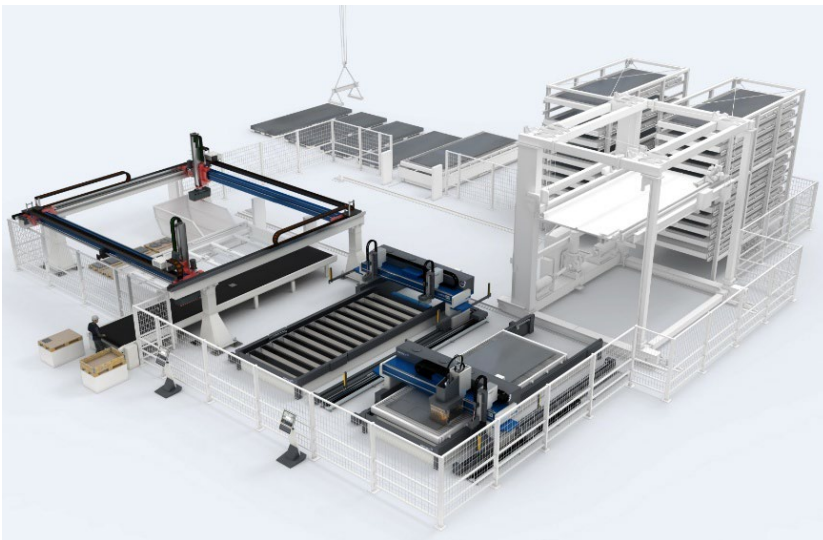


Image 2: Messer Cutting Systems' modular material handling solutions, configurable to customer needs, offer users maximum machine utilization.

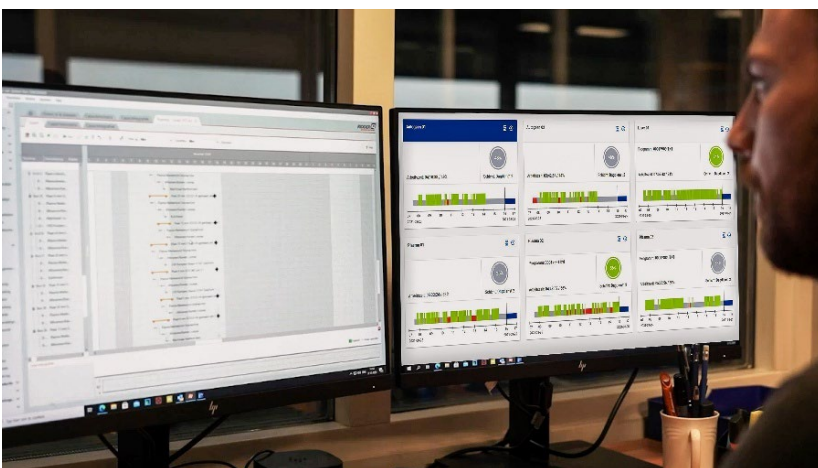


Image 3: OmniFab Machine Insight provides real-time and retrospective insights into machine performance.



PRESS RELEASE



Pics: Messer Cutting Systems

NUMBER OF CHARACTERS: 2.249

CONTACT

Gudrun Schul
Marketing

Mail gudrun.schul@messer-cutting.com
Tel. +49 (0) 6078 787-0

WHAT WE STAND FOR

CREATING SOLUTIONS BEYOND MACHINES

Messer Cutting Systems is a global provider of cutting-edge technology for the metalworking industry. With almost 1.000 employees worldwide in over 50 countries, we are in constant dialogue with our customers to create sustainable, user-oriented innovations.

Our portfolio encompasses the areas of PRODUCT, DIGITAL, SERVICES, AUTOMATION, and KNOW-HOW. We live up to our claim of "Creating Solutions Beyond Machines" not only with state-of-the-art cutting systems and solutions for oxyfuel technology.

Suitable services and training, our own software applications, and the integration of solutions from our technology partners, e.g., in the field of automation, complete the machine to create future-oriented, complete solutions.

Our expertise, combined with our customer-focused approach and actions, makes us the partner of choice worldwide for innovative, complete solutions for cutting systems. For more than 125 years.

