



# SMART, EFFICIENT, CONNECTED

## Innovative Digitalisation Solutions for the Future of Sheet Metal Processing

**Groß-Umstadt, Germany, 11.09.2024**

At this year's EuroBlech, Messer Cutting Systems is once again showcasing innovative digitalisation solutions for the future of sheet metal processing in Hall 13, demonstrating a fully connected production environment. Visitors will experience how all key aspects of production control seamlessly integrate, from part costing and quotation generation to automated and optimised production planning.

### **Precise Overview and Efficient Resource Utilisation**

The spotlight is on the newly integrated Advanced Planning and Scheduling System (APS), which enables a precise overview of orders and efficient resource utilisation. This solution is crucial for the economic success of modern manufacturing businesses and ensures that resources are used optimally.

### **OmniFab Sales Quotes – Precise Calculation**

Special attention is given to the advanced calculation module, OmniFab Sales Quotes. This module allows for accurate quotation costing, helping companies to precisely analyse their material and production costs and remain competitive. In a time when efficiency in manufacturing is becoming increasingly important, precise calculation of materials, components, and processes is essential.

### **CAD/CAM OmniWin 2024 – Extended Features and Improved Ergonomics**

Another highlight at the exhibition is the CAD/CAM software OmniWin 2024. This software offers numerous innovations, including a revamped 3D component import, extended features such as the ability to copy nesting plans, and improved work ergonomics through Dark Mode.



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## **Precision Meets Efficiency – Perfectly Controlled Sorting Processes**

In addition, with the ICSORT Messer Cutting Systems is presenting its solutions for sorting processes. The system, in combination with Messer's cutting systems and the company's own software, creates an even more efficient production environment. A live demonstration of the ICSORT system in Hall 15 offers interested visitors the opportunity to experience the integrated software and hardware solutions in practice.

## **Comprehensive Solutions from a Single Source**

Messer Cutting Systems offers comprehensive solutions from a single source, automating and optimising the entire material flow as well as the information processes in production.

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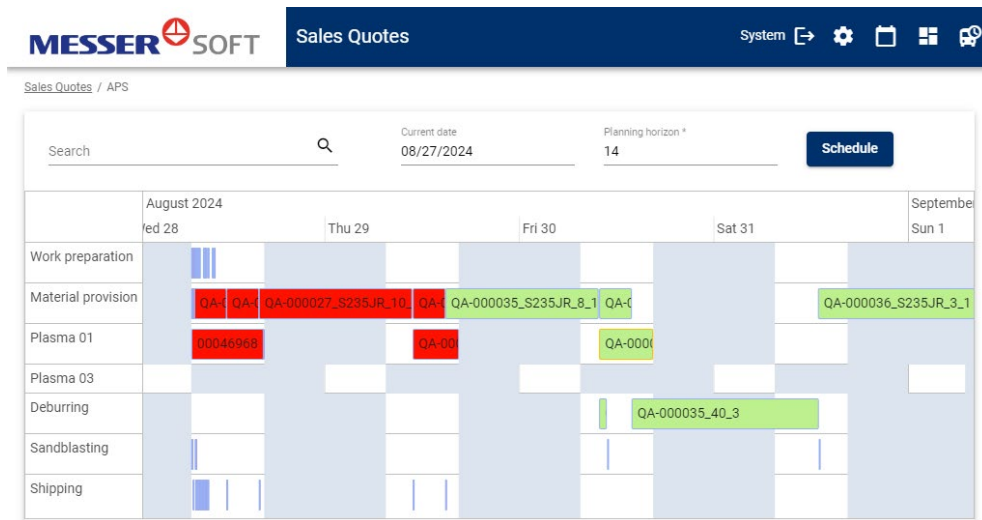


Figure 1: GANTT Chart in the Advanced Planning and Scheduling System (APS),  
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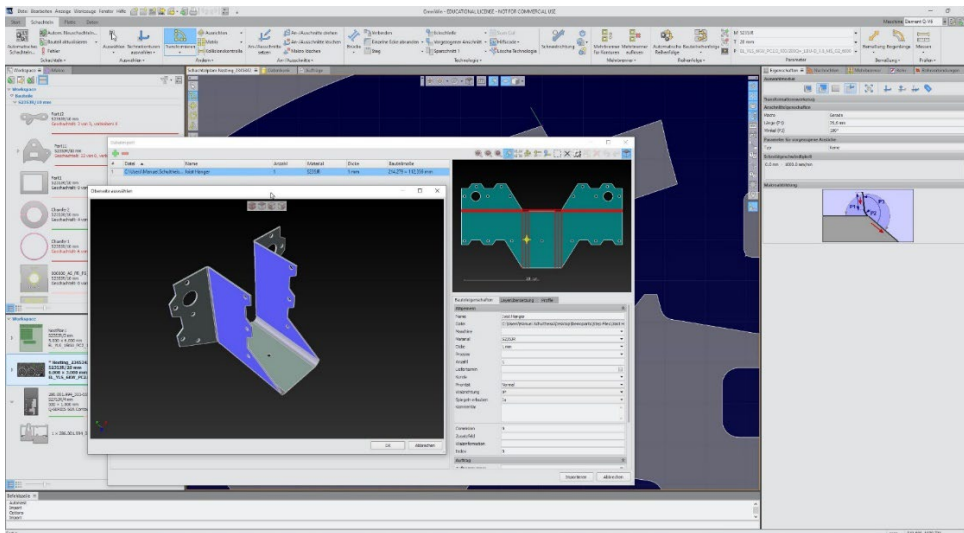


Figure 2: Enhanced and revamped 3D import in OmniWin 2024 for STEP, Autodesk Inventor, Dassault Systèmes CATIA, Siemens SolidEdge, NX and Parasolid, Rhinoceros 3D,  
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Messer Cutting Systems GmbH

Otto-Hahn-Str. 2-4 | 64823 Groß-Umstadt | T +49 6078 787-0 | [www.messer-cutting.com](http://www.messer-cutting.com)

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Figure 3: IC Sort Loading, Unloading, and Sorting System

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**NUMBER OF CHARACTERS: 2.414**  
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## CONTACT

**Gudrun Schul**  
Marketing

Mail [gudrun.schul@messer-cutting.com](mailto:gudrun.schul@messer-cutting.com)

Tel. +49 (0) 6078 787-0

Fax +49 (0) 6078 787-150

## WHAT WE STAND FOR

### CREATING SOLUTIONS BEYOND MACHINES

Messer Cutting Systems is a global supplier of cutting-edge technology for the metalworking industry. With almost 1000 employees 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 for over 125 years.

