# Press preview for LIGNA 2025

Building living spaces — Together in Hall 14.

Whether in woodworking shops or industry-level production: Leading companies work with HOMAG to build living spaces, ranging from solid wood processing through to timber construction and furniture. Together, SYSTEM TM, KALLESOE, WEINMANN and HOMAG cover the entire value chain, with seamlessly compatible solutions. This is unique on the market. And unique at LIGNA.

Under the motto **Building living spaces**, which unites all product brands and customer segments, HOMAG is presenting the entire portfolio in one place for the first time — in Hall 14. The advantage for LIGNA visitors: Years of expertise in close cooperation. This, in turn, forms the ideal basis for intensive technical discussions about increased precision, increased productivity and increased efficiency.

Complete compatibility provides wood processing companies of all sizes with a comprehensive range of solutions. A decisive advantage is that visitors can find true experts on individual topics in each segment. The unique concept will be rounded off in Hall 14 by HOMAG partners SCHULER Consulting, tapio and BENZ Tooling. Among other things, SCHULER Consulting will present digital value stream optimization: Transparent flows of materials and goods, regardless of the machine manufacturer and year of manufacture. Plug-and-play installation ensures a transparent representation of the action areas and sustainable optimization of the value stream within a very short time. With its tools, BENZ Tooling sets new standards in terms of efficiency and flexibility in wood processing. A real highlight here is horizontal drilling and trimming in the smallest processing areas.

# 50 years of LIGNA. 50 years of HOMAG innovations.

LIGNA is celebrating its 50-year anniversary in 2025, and HOMAG has been there right from the start. The company has been presenting its innovations at the trade fair for half a century. In LIGNA's anniversary year, HOMAG also has every reason to celebrate with its pioneering new concept and ten years of the SAWTEQ S-320 flexTec. In 2014, the saw revolutionized panel dividing.

## Simple automation: New dimensions for medium-sized companies.

With the new SAWTEQ S-200 flexTec, HOMAG is opening up new panel cutting possibilities for numerous companies: The first entry-level robot saw model is making high-tech automation accessible for medium-sized companies. The hybrid concept combines manual flexibility with robot-assisted efficiency.

The DRILLTEQ V-310 is also continuing along this path, just for CNC processing. The combined, smart robot system offers continuous 24/7 production during feeding and destacking, with consistent precision. Random stacking in batch size 1 operation is a decisive advantage in the context of the shortage of skilled workers.

## Intelligent integration: Digital added value in practice.

The productionManager digital job folder has already taken production planning in joinery businesses to a new level. The new version is now marking a real paradigm shift in production management for woodworking shops and medium-sized businesses. The digital solution creates measurable efficiency gains by combining versatile production planning and flexible integration of interfaces to ERP and CAD/CAM systems with intuitive operation and integrated functions such as lot generation and rework.

What the digital job folder provides woodworking shops, the ControllerMES manufacturing execution system provides for industry. The new production planning module enables, among other things, dynamic grouping of production jobs and detailed planning that is updated daily. The system also takes into account workstation capacities and key data such as narrow parts, materials, glue types and other important indicators that can be flexibly defined and individually adapted. Backward scheduling allows deadlines to be optimally included in planning, which maximizes workplace utilization.

HOMAG also presents real added value when it comes to cutting. In addition to the seamless connection to the woodStore storage software, intelliDivide cutting optimization now offers AI-supported forecasts of the production time, the option to individually define material-dependent parameters and the targeted insertion of stress elimination cuts for quality assurance.

## Sustainable innovation: Efficiency meets conservation of resources.

The SAWTEQ S-300 series combines performance with significant energy savings. The optimized chip guide and intelligent process control measurably reduce energy requirements, while innovative features such as toleranceCheck maximize material utilization.

The STORETEQ P-310 establishes new standards for space-saving automation in the area of storage technology. The innovative concept of the double-level storage system increases storage capacity while taking up the same amount of floor space — a forward-looking response to increasing space costs.

Predictive Diagnosis is the solution for maximum machine availability. HOMAG Service provides woodworking shops and industry with an AI-supported uptime forecast. Based on daily production data, the solution learns and thus provides maintenance prompts and consumption recommendations, for example, in order to save resources or place orders in good time. In the event of impending malfunctions, the service department will contact the customer directly by telephone. This prevents unplanned downtime.

## Practical revolution: Edge printing and CNC success.

With the EDGETEQ P-200, HOMAG is revolutionizing the joinery trade. Digital edge printing takes customization, efficiency and creativity to a new level. It opens up new opportunities for joiners to position themselves in the market and better meet customer requirements.

Another edge highlight: woodCommander 6 with SmartSelect and edge allocation. The innovative production software offers intuitive, workpiece-oriented operation without the need for specialist machine knowledge. With features such as customer-specific categorization, workpiece visualization and automatic program selection, the software enables a more efficient production process, while a new production list allows you to always keeps an eye on the current processing status of all workpieces.

Keeping an eye on things is key: woodWOP 9 turns practical feedback into reality. The new version of the CNC programming software boasts an optimized user interface and operation: Clear lines, a uniform color scheme, fewer work steps and new programming aids. The focus is entirely on the workpiece.

The innovations in the CNC segment are real rays of hope: From highly efficient production and maximum flexibility to nesting production and drilling.

## SYSTEM TM, KALLESOE and WEINMANN: Solid wood expertise for the future.

The integration of SYSTEM TM into the HOMAG Group significantly expands the technology portfolio. The traditional Danish company supplies highly specialized system solutions for optimizing personnel and wood resources for the solid wood industry — from pallet wood to parquet. At LIGNA, SYSTEM TM will present its leading saw technology, among other products.

This technology is combined with the customer-specific complete solutions from KALLESOE, a specialist in automation and high-frequency presses, for the production of solid wood products. At LIGNA, KALLESOE will present the latest and most efficient generator for rapid hardening in addition to a wide range of system solutions.

This is where WEINMANN comes into play. The world market leader offers carpentry businesses, module manufacturers and the prefabricated house industry everything from A to Z that the timber construction heart desires. From the WALLTEQ M-300 entry-level multifunction bridge solution to the FEEDBOT W-500 highly automated robotics solution for industry, there is something for companies of all sizes.

Now you can see where significant added value from HOMAG lies: Solid wood processing systems from SYSTEM TM, customer-specific glued timber solutions from KALLESOE, leading timber construction expertise from WEINMANN and years of wood processing expertise from HOMAG. **Building living spaces** — the result of this cooperation.

## Hall 14: Intelligent solutions for key market challenges.

At LIGNA, HOMAG will emphasize its position as a technology leader that is actively shaping the digital transformation in wood processing and the future of timber construction. The solutions presented in Hall 14 will address key market challenges: The lack of skilled workers, resource efficiency and the increasing demand for automated processes. HOMAG traditionally also makes high-tech solutions accessible to smaller businesses.

If you have any questions, please contact:

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