Maßarbeit

With wood, hand and heart.



Thinking out loud.

THE FUTURE WILL BE MADE OF WOOD.

In a strong signal for the sector, at LIGNA 2025 HOMAG presented the combined portfolio of all brand partners in a single exhibition space, at a single stand and under the tagline Building Living Spaces. The response was overwhelming.

Looking beyond the trade fair itself, it is clear that carpenters and joiners look to HOMAG when building living spaces. Like Felix Graf in Zenting, which fits out entire hotels. Or Hans Timm Fensterbau, whose window systems dominate the Berlin cityscape.

In this issue, you will also read about how the compact CENTATEQ P-100 handles oversized workpieces, how woodCommander 6 makes machine operation easier, and how HOMAG INTELLIGENCE networks everything.

We hope you enjoy reading the magazine

Sales manager for southern Germany

Thomas Nesemeier Sales manager for northern Germany

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WOOD IN THE BLOOD

Reinhard Maier

Thanks to his professional experience, this Swabian native understands not only state-of-the-art CNC technology but also the needs of the sector - making him a valued contact for HOMAG customers and sales companies and partners throughout Germany and Austria.

Reinhard Maier

Has been working for HOMAG since:

Career overview:

1996-1998

1999-2003

2009-2015

1990-1993 Trained to become an industrial mechanic 1993-1996 Service technician for CNC technology,

wood processing sector

technician for CNC technology,

wood processing sector Regional Sales Manager, Bavaria, CNC

technology, wood processing sector Regional Sales Manager, Bavaria,

Technical coordinator and application

2003-2008 **HOMAG GmbH**

Sales Manager for CNC technology,

Southern Germany & Austria,

HOMAG GmbH

Senior Sales Manager for CNC 2015-today technology, Germany & Austria/

Industrial sales Germany. HOMAG GmbH

Why HOMAG?

It all started with a random encounter on the highway. This led to some candid discussions, and at just the right time since HOMAG was in the early stages of its CNC campaign. I was immediately impressed by the technology, the potential of the new VENTURE series and the close collaboration with development and product management. Excellent collaboration – across departments – remains a feature to this day.

Why wood?

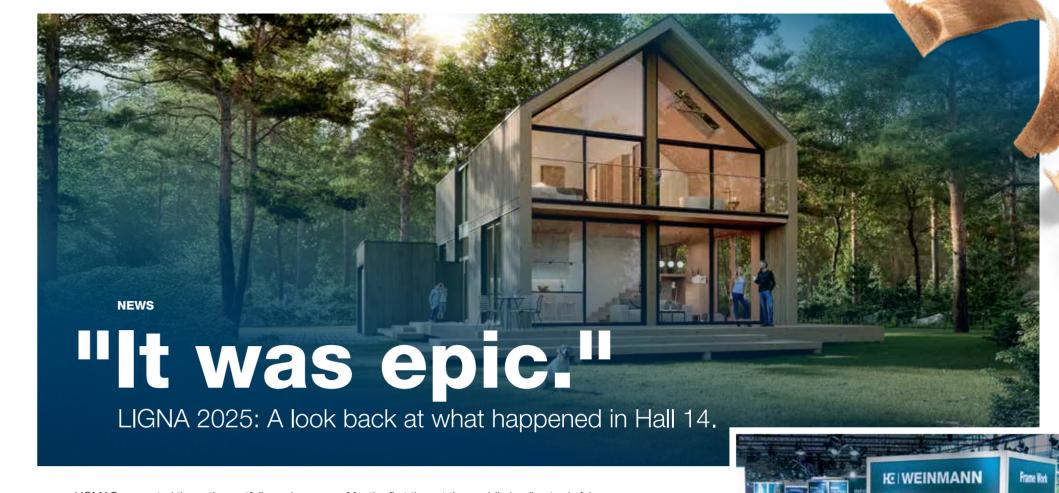
It is easy to machine and offers almost unlimited design options, especially when using 5-axis technology.

Favorite thing made from/using wood:

A side table made from an old tree stump, coated with epoxy



Reinhard Maier: CNC expert with more than 30 years of experience in



HOMAG presented the entire portfolio under one roof for the first time at the world's leading trade fair, under the global campaign tagline **Building Living Spaces**. In person and in its own 5500 m²+ exhibition space. The event also showcased solutions from our subsidiaries and partners: SYSTEM TM, KALLESOE, WEINMANN, SCHULER Consulting, tapio and BENZ. The thousands of visitors from more than 80 countries experienced more than just technology. It was a striking insight into the future of woodworking, the sector itself and the way in which we build living spaces.







"Our stand was amazing. We had a lot of visitors and we had some very good conversations."

Dr. Daniel Schmitt, CEO of HOMAG Group AG





Innovation at every turn.

From robotic systems to Al-supported operating time predictions: Every corner of the exhibition space illustrated how state-of-the-art technology helps us to create individualized living spaces efficiently and uses approaches that conserve resources. The new HOMAG INTELLIGENCE digital platform in particular drew a lot of interest. The platform networks all processes for the first time – from furniture sales through to configuration and production. Regardless of the machine pool, it creates a new level of transparency and enables businesses of all sizes to make real productivity gains. Find out more about HI on pages 8 and 9.

In addition to enjoying live shows, fascinating presentations in the Innovation Center and daily TEQtours, visitors marveled at the compact SAWTEQ S-200 flexTec, a robotic saw that automates woodworking. And the DRILLTEQ V-310, which supports fully automated CNC processing in 24/7 operation with random stacking. Equally impressive to visitors was the nesting performance of the CENTATEQ N-210 that requires minimal installation space, and the digital edge printing of the EDGETEQ P-200 - ideal for those looking to reposition themselves in the market with creative, individualized designs. Digital support came in the form of the woodCommander 6 production software (further details on page 11), the new version of productionManager, the ControllerMES module for industrial applications, Predictive Diagnosis with Al-supported maintenance, and the new and streamlined CNC software woodWOP 9, among others.

Spotlight on solid wood.

SYSTEM TM, KALLESOE and WEINMANN sent a strong signal with pioneering solutions for solid wood construction, from high-frequency technology and crosscutting saw technology to new collaborative cells and smart operating software such as wupWorks 5 - all developed with a view to making woodworking and industrial applications more productive.

Adding value with workpieces.

LIGNA has always been about more than just in-depth technical discussions: The sale of workpieces produced during live demos and of other HOMAG-branded items raised EUR 3500 for Aegidius-Haus in Hanover – a facility that provides wonderful respite care for children and young people living with serious disabilities. This commitment illustrates that living spaces are also created by how we act.

> For those who were not able to attend or would simply like to relive the event, we have created a video about LIGNA 2025.





A reception desk that makes a design statement, plus 680 identical nightstands. Custom-made products, delivered on schedule and with no compromises on quality: business as usual for Felix Graf GmbH. Based in the Bavarian Forest, this complete interior furnishing company combines traditional woodworking with modern machine technology, creating truly impressive spaces.

A third-generation family business.

It all began 70 years ago in 1955, in Zenting, Lower Bavaria, when Felix Graf senior founded a traditional carpentry and furniture-making business. When he was taken ill, he was joined in the business by his son, Felix Graf junior, who was at that time completing his studies in interior design. Two days at college, three days at work - it was a challenging time, but sharing the work paid dividends. He brought new ideas and a new direction to the business. From the late 1970s onwards, the compa-

ny increasingly moved toward interior fittings, with a focus on store fittings. Today, Felix Graf GmbH is a valued partner throughout Europe for complete solutions in the area of interior furnishings for real estate and hotels.

From studwork to sockets.

Graf customers are buying a lot more than just furniture. "It isn't just a joinery service," explains Valentin Graf. "We deliver complete rooms." Brothers Valentin and Felix Constantin Graf now run the company together with their parents. They will officially join the management board later this year. So

what is included in the service portfolio? Felix Graf GmbH offers solutions for the hotel and catering industries and for commercial construction: from furniture, floor coverings, drywall and painting through to electrical installation. "We do what is needed – and we do it in such a way that everything works together," emphasizes Felix Constantin Graf.

Whether it's a spa area in a 5-star retreat or a large-scale contract for 340 rooms, the approach remains the same. "We understand what the

> interior designers are picturing, and we know what is technically possible." One example of the company's work is the Hotel Imperial Riding School, Autograph Collection in Vienna: 340 rooms, bar, restaurant, lobby. Everything from a single source. Equally impressive is the Grand Resort Bad Ragaz in Switzerland. Graf has had a hand in almost every room," says Felix Constantin Graf with pride. The 17 Pentahotels across Eu-

rope that the team has fitted out in the last eight years also bear the Graf hallmark. How did the company get to its current position? "In the 1990s, quite by chance we were awarded the contract for 42 suites at Hotel Vier Jahreszeiten Kempinski in Munich. That's how it all began." Other hotels started to notice us, and many more projects followed.

The milestones keep coming.

The company now has some 70 employees, around 40 of whom work in production; the rest work in order processing, administration and project











Top right image: Florian Dichtl at the DRILLTEQ. Middle left image: Florian Seidl cutting.



Bottom left image: Matthias Jäger and Christian Schwankl (left to right) in the assembly area Bottom right image: Alois Liebl and Simon Haider (left to right) discussing an order.

management. Staff turnover is low and loyalty high: The people who work at Graf stick around – often for decades. And with good reason: "We invest in people, not just in machinery," explains Felix Constantin Graf. The company takes on at least two apprentices each year; it offers development opportunities and, above all, responsibility. Employees who have 30 or 40 years of service run their areas of the business as if they were their own.

Technology - in production and beyond.

The company has relied on HOMAG technology since the 1990s and currently has eight HOMAG machines in the workshop: three processing centers, an edge banding ma-

chine with automatic return, a "Each part passes through panel dividing saw with storage, a case clamp, plus a 5-axis CNC a HOMAG machine several times.' that will be coming soon. "Our HOMAG machines are extremely

reliable and easy to operate," explains a very satisfied Valentin Graf. What the technology does is impressive: series production and batch size 1 in a single order? No problem. "As an example, we are constructing 680 identical nightstands, and as part of the same project a single stylish reception desk. Thanks to HOMAG, we can do both. On time, with precision and to the highest quality standards."

The company's high standards are also reflected when it comes to energy usage - wood waste is used to generate heat, making it possible to heat the entire joinery without the need for fossil fuels. Excess heat is even fed into the local district heating grid. In addition, on average 40% of the company's electricity needs are covered by a photovoltaic system. When the sun shines, not only do the PV modules charge up, but there is also a gentle hum around the building because the family has a cousin who is a beekeeper and the honey he makes on company premises is regularly offered to customers to welcome them.

The next generation is stepping up.

Felix Constantin and Valentin Graf are not simply managing directors in **FELIX GRAF GMBH** waiting. They have been actively involved in shaping the direction of the company for some five years now. With a master's degree in interior

design from the renowned Royal College of Art in London and practical experience acquired in Milan, the older of the two brothers brings fresh ideas to the First HOMAG machine: 1997 company. And with his dual studies in interior design and a master's degree in wood technology, Valentin has valuable specialist knowledge to contribute. "Our

goal is clear," says Felix Constantin Graf. "We want to firmly establish the Graf name as a quality brand in the interior furnishings space." They also have a vision for the site itself: A large new building was added in 2014, with another production hall following just this year – the next step is to expand the office space.

There is one key reason why the two worlds-design and technologyintertwine so naturally at Graf: The builders and interior designers feel understood. Because the company speaks their language. The team impresses with its flexibility, precision and feel for the fine details. The result is rooms that become living spaces, if only for a short time.

Products: Complete interior furnishings Location: Zenting, Germany

Founded: 1955

HOMAG machine pool:

- MPH400 case clamp (comparable to today's CABTEQ S-200) Venture 22XL CNC processing center
- (comparable to today's CENTATEQ E-310) BMG 511 CNC processing center
- (comparable to today's CENTATEQ P-510) • DRILLTEQ V-310 CNC processing center • EDGETEQ S-500 edge banding machine
- with LOOPTEQ O-400 automatic return SAWTEQ S-300 panel dividing saw with
- STORETEQ P-300 automatic panel storage



Issue 14 | 2025



A report from the capital: Hans Timm Fensterbau is investing in the future.

Many of the building facades in Berlin feature window construction from Hans Timm. This Berlin-based traditional joinery company has been helping to shape the cityscape for decades. The company is now managed by the third generation of the family: Bastian Timm, his wife and his two cousins are working together to futureproof the company. And they are

A window on Berlin.

Hans Timm Fensterbau currently has 160 employees, and production is spread over four plants covering a total area of 18,000 m² – with another plant at the Berlin site already in the planning stages. The range of projects undertaken is vast, and the company is well-equipped to handle them - from the elaborate renovation of historic casement windows and the series production of modern wood and wood/aluminum systems through to special bulletproof solutions for government agencies, embassies and airports.

CNC is the hub.

FROM PRACTICAL EXPERIENCE

Wood remains the material of choice, and the company has long favored high-tech production solutions. Two new CENTATEQ S-900 machines have been at the core of its production processes since 2024. "Used in conjunction with the two existing BMG machines, they allow extremely

"HOMAG helps us to do our job even better day in and day out.'

Mathias Thiede, Production Manager at Hans Timm Fensterbau GmbH & Co. KG

flexible order control," says Bastian Timm. Finding the space in the production hall was something of a challenge, but the company worked together with HOMAG to find a solution that works down to the last centimeter: Pillars in the ceiling construction have been integrated directly into the machines, and one of the systems was shortened by a good meter.

One example of how the company innovates is the closed parapet groove that had already been implemented in conjunction with HOMAG for the previous systems. "This not only gave us a clear edge over our competitors, but also created a USP," recalls Production Manager Mathias Thiede. Demanding pendulum drilling work on wood/aluminum

> products is difficult to achieve manually, but HOMAG machines have been tackling this for more than ten years now with efficiency, precision and consistent accuracy.

Reliability counts.

The close partnership with HOMAG is key to the Berlin-based company's success. "We have surpassed all specified performance targets," says Thiede

Managing Director and owner Bastian Timm is also happy with the partnership: "There are a number of reasons why I would recommend HOMAG. Firstly, the company is very





reliable. That is true in particular of production times and service. In addition, the consultancy service for tool and machine design is peerless."

Hans Timm Fensterbau aims to be delivering completely climate-neutral window construction by the end of 2025. The company set itself this ambitious goal 10 years ago, and the combination of modern production technology and intelligent processes have brought it within reach. To keep things on track, the long-established Berlin-based business continues to rely on the comprehensive package of support offered by HOMAG - from plant engineering to software for controlling the machines.

Watch the video about the case study now with fascinating insights into production, technology and the team.



CUTTING-EDGE MACHINING

Skilled with excess width.

CENTATEQ P-100: A compact console machine that positions workpieces measuring up to 2100 mm.

Showcased for the first time at LIGNA 2025, the CENTATEQ P-100 is the perfect all-rounder – either as an entry-level product or an expansion. It precisely trims workpieces measuring up to 1600 mm and positions excess width parts measuring up to 2100 mm with ease. This is made possible by a clever table concept. Perfect for companies that require flexible use for furniture and interior fittings.

Available in 3-, 4- or 5-axis versions: Up to 21 vertical spindles, horizontal drilling units, an integrated groove saw and a maximum of 18 tool slots deliver performance in a confined space. The spindle lock guarantees consistent drilling depths - regardless of the material being clamped. In addition, the new PC87 control generation with large 24-inch touchscreen makes for easy operation. The latest version of woodWOP is also available as standard, for maximum flexibility with programming.





Your benefits at a glance

- Handles excess width: Workpiece positioning up to 2100 mm - ideal for kitchens, furniture and interior fittings.
- Flexible configuration: 3-, 4- or 5-axis technology, drilling gear and unit options. Everything made to measure for your business.
- Intuitive control: Quick and easy to operate with PC87 and woodWOP 9.
- Proven technology: powerTouch and HOMAG spindle clamp included as standard.
- Efficient processes: Automatic tool change with up to
- Compact design: Powerful performance in a small space - ideal for your workshop.
- Good investment: An attractive price-performance ratio makes it an easy decision.

WOOD WITH A FUTURE

From the corner to the cutting pattern.

Manual offcuts management: Sustainable material management and more efficient production.

This smart system can be used from even the smallest saw to bring order to your offcuts, ensuring that every usable piece of material actually is used. All offcuts are automatically recorded as allocatable stock and organized in a separate offcuts storage rack directly at the machine, so you always have an overview. This also prevents material building up without a proper system.

And the best part is that in addition to being easy to retrieve, the offcuts can also be integrated directly into cutting optimization. This optimizes your use of materials and reduces costs. In addition, the system gives the operator advance notification of which offcuts are needed and when, which keeps the production process running smoothly and prevents time-consuming interim stops.

Up and running quickly.

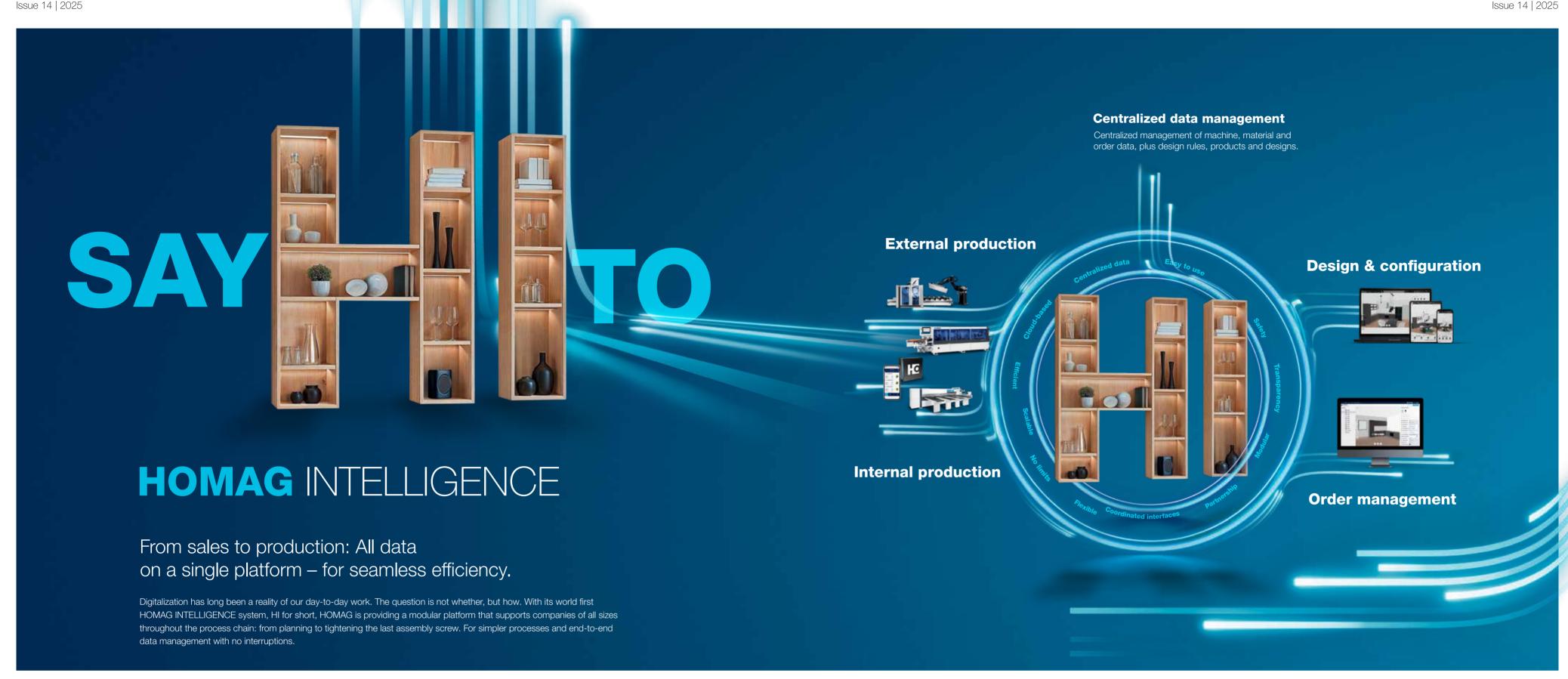
It is also very easy to get started: The quick-start guide means the software is set up in no time at all and the system is ready to use. All this means that manual offcuts management from HOMAG allows you to cut more efficiently and acquire a better day-to-day overview - plus it feels good not to be wasting so much material.



How to use offcuts correctly – find out more about HOMAG manual offcuts management.



Offcuts with a system: The manual offcuts storage rack creates an



True networking.

HOMAG INTELLIGENCE is the first solution on the market to seamlessly network all processes from furniture sales to furniture production. The platform brings together all planning, design and order data in one place, regardless of the program, tool or app used to capture that data. Be it configuration, order creation, in-house production or outsourcing individual orders to external partners, everything is processed via a central database with a single login.

Open interfaces and digital components make it possible to integrate the existing software landscape and machine pool, so duplication of data management is now a thing of the past. This means reduced effort and minimized sources of error, and creates end-to-end transparency – from the initial design of the furniture to delivery to the customer.

Works for you.

Every business has its own specific requirements, and HI takes that into account. It uses an open system and apps, modules and packages that can be flexibly combined. The majority of the digital components can be used directly in the browser, require no installation and can be terminated annually. This means the platform can be expanded incrementally and tailored precisely to existing processes and to businesses of any size. You can use individual functions independently of each other or integrate them flexibly into existing workflows – even if you only want to digitalize certain areas.

Intuitive operation means you can get started quickly, with no lengthy training requirements. Another benefit is that if you have several production locations or work in collaboration with partners, you can easily distribute partial or complete orders. This ensures better utilization of capacity, prevents bottlenecks and allows you to reliably stick to delivery timeframes.

Prevents errors

The newly developed, integrated "basic libraries" contain common design principles for furniture construction and constitute a central element of HOMAG INTELLIGENCE. The libraries allow existing furniture and future designs to be visualized directly – saving you time, preventing errors and increasing process reliability. The libraries are predefined but can also be customized and flexibly expanded. They can also be updated, and new market trends are often taken into account in the updates.

Making you future-proof.

HOMAG INTELLIGENCE offers a genuine competitive advantage, especially for small and medium-sized companies. Central data storage, modular expansion and seamless integration of existing machines combine to deliver measurable gains. HI helps you to maintain an overview and use your resources more efficiently – giving you the flexibility you need to rise to today's challenges and those of the future.

Your benefits at a glance:

- A single platform for all processes: Seamless mapping and networking of furniture sales and production processes solution-based for businesses of any size.
- Seamless networking of all data: End-to-end data flow from configuration to order management and handling of material and order data.
- Transparent data without duplication of data management: All relevant sales, design and production data throughout the entire process in one place, with a single login updated automatically.
- Error-free design: Predefined but customizable libraries for error-free designs.
- Flexible in production: Simple, agile order control using in-house production, suppliers or partner networks.
- Scaling without risk: The platform can be expanded on a modular basis, allowing for customization and growth that keeps step with your needs.
- Open to everything: Thanks to open, coordinated interfaces, HI is the first solution on the market to create an end-to-end data flow – regardless of the machine pool, software landscape or the size of the business.



CUTTING-EDGE MACHINING

Good packaging = safe delivery.

PAQTEQ C-250: The cardboard box cutting machine that produces made-to-measure cardboard boxes fully automatically.

When you're producing high-quality products, you don't want to compromise on the packaging. It should fit exactly, provide reliable protection and take up as little

storage space as possible. That's where the PAQTEQ C-250 from HOMAG comes in.

The machine processes corrugated cardboard in throughfeed and cuts out packaging that is tailored precisely to your products. Single sheets and continuous cardboard: The flexible feed system takes over the material feed automatically, without any manual intervention. Using intelligent cutting optimization and up to 12 different track widths, the

Find out how the PAQTEQ

Hundreds of predefined patterns are available at the touch of a button. The dimensions can then be entered directly on the machine, scanned in or automatically loaded and processed via the production list. This ensures that your packaging is not only made to measure, but also produced in

machine always selects the most efficient version.

a way that conserves resources: Filling material becomes almost superfluous, and waste is reduced to a minimum.



Your benefits at a glance:

- Custom-made packaging: Precise cutting in throughfeed for optimum product protection and a professional first
- Patterns at the click of a button: Access to hundreds of templates, and new measurements available in seconds.
- Sustainable economic activity: Less filling material, less waste. Intelligent cutting optimization reduces material usage considerably. Plus, corrugated cardboard can be
- Save space and money: More efficient purchasing and simpler logistics, as you generally need only a few basic





Reproduction with benefits.

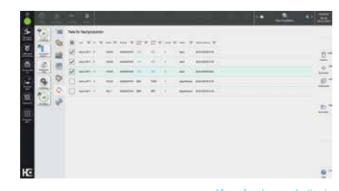
CADmatic option: For highly efficient reproduction of parts.

Material defects, part curvatures, edge chipping or accidental damage – these are all scenarios that mean reproduction is hard to avoid in our day-to-day work. However, the new CADmatic option significantly reduces the effort required for such reproduction of parts, making the process more efficient than ever before.

You can now collate details of parts that need to be produced again in an easy-view reproduction list. From there, they can be easily transferred to the usual optimization tools such as Cut Rite, intelliDivide and CADplan. The system combines the affected parts into new cutting patterns and produces them efficiently at the

The return flow into the production process is also extremely well organized: Information on the label indicates what further processing is required. This reduces sources of error and ensures process quality. Overall, this function allows you to respond more flexibly to unexpected situations, complete reproductions more efficiently and improve your production processes in the long term.

Good to know: The solution is available for all HOMAG saws and can also be easily retrofitted via function+ for machines in the SAWTEQ S-300 and S-400 series (from year of manufacture 09/2024).



View of parts reproduction in







Tags make everything easier.

The HOMAG Select user interface is also completely new

You can use tags to quickly and easily assign processing

programs to the respective workpiece - without the need for

cumbersome navigation through lists or folders. Clear feed

visualization supports the whole unit: The current through-

Select per day with HOMAG Select.

woodCommander 6: Intuitive machine operation at the edge.

With modern systems, it's not necessarily essential to have in-depth knowledge of the machine. Or at least not if you're using woodCommander 6, which makes the software platform a direct response to the shortage of skilled workers: It reduces costs, safeguards processes and makes even highly automated edge banding machines intuitive to control. Workpiece rather than throughfeed.

The software is no longer based on the production throughfeed, but on the workpiece itself. This simplifies a number of steps, particularly for inexperienced operators. Workpiece information is easy to select, and edges and processing programs are intelligently networked. This saves clicks. Presorting? No longer necessary. Errors? Much less frequent. This increases speed and safety throughout the entire process

"Reluctance to operate such a complex machine has been significantly reduced."

Josef Eibl, Managing Director, Josef Eibl GmbH

feed is displayed, attached edges are immediately visible. The return of workpieces is also integrated into the operation: For smooth processes and consistently high quality.

Simple machine operation oodCommander 6 – find out how.



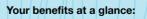


Simple interface for everyone.

Specialists are rare, qualified machine operators even more so. The new user interface takes this into account with a particularly simple entry level. Only the most important functions are displayed; the rest remains locked. If you want to drill down further into the machine's capabilities, you can do so at a higher user level. So the machine can be operated efficiently and safely regardless of the operator's experience

Edge material? Already allocated.

A further benefit is that you can now allocate edge material on a project-specific basis. As soon as you insert a roll, the system asks: do you want to use the allocated material or unallocated material? This prevents access issues and ensures that every piece of furniture has exactly the right edge.



- Reduced complexity: Only knowledge about the workpiece is required, not about the machine
- Increased efficiency: No presorting required; processing programs are networked – saving time and money and
- Easy to get started: New user interface with clear workpiece logic instead of throughfeed orientation.
- Material under control: Project-specific allocation of edge material – for improved planning security.
- Complete overview: HOMAG Select displays current processes clearly, including return.

11 10



Blue Week happens just once a year.

HOMAG Blue Week 2025 has many exclusive benefits to offer.

It is commonly known in Germany as Black Week, but we refer to it as Blue Week. For the fifth year, the HOMAG eShop will be launching some big deals. Every day **between November 24 and 28, 2025** there will be new promotions and attractive discounts.



Exciting offers and more.

Each day from Monday to Thursday our eShop will have different offers on some of our popular classic products. A special surprise will be waiting for you on Friday – a good reason to stop by again on the last day. In addition, a 10% discount will automatically be applied to all repair orders placed during Blue Week.



Newly registering could pay off.

Don't currently have a HOMAG eShop account? Why not register for one now? Do so between November 10 and 28, 2025, and you will receive a one-off €100 discount* on your spare parts order (*order value from €300 in participating countries).

The benefits at a glance:

The **HOMAG eShop** also has a host of great deals for your spare parts procurement outside of Blue Week:

- 3% online discount on spare parts: For orders from Germany or Austria, we will automatically reward you with a 3% discount on your spare parts order.
- Free delivery: There are no delivery charges for orders placed with the HOMAG eShop (with the exception of express orders, bulky goods and hazardous goods), and no minimum order amount either.
- 100% price transparency: You can see all the prices at a glance and compare them there are no hidden costs.
- Best value proposition: If you find spare or wear parts cheaper from other suppliers, we will refund the difference in full.
- eParts integration: Find the required spare parts quickly and easily using your machine number with immediate information about price and availability.
- One-stop shopping: You can also order partner products from Leuco, Venjakob or Heesemann.

