

Maßarbeit

With wood, hand and heart.

Committed to quality.

A portrait of the Arens joinery.



7

THE CUTTING EDGE.

Industrial quality
for woodworking shops.

DIGITAL ADDED VALUE.

Answers to frequently
asked questions.

8

1

SAW MORE EFFICIENTLY.

SAWTEQ S-300/S-400
flexTec.

Thinking out loud.

POWERFUL TECHNOLOGY FOR WOODWORKING SHOPS.

Real highlights await you in this issue and at HOMAG Treff in September: for example, the EDGETEQ S-200 and LOOPTEQ O-400, which give small shops a genuine competitive edge. In addition, the SAWTEQ S-300/S-400 flexTec offers even greater sawing efficiency, while the DRILLTEQ V-310 with FEEDBOT increases productivity. So you can take your business even further forward.

Our apps and digital solutions will also support you in this endeavor. Our expert Hendrik Albers has answered the most frequently asked questions for you. A special digital treat: ServiceBoard is currently available free of charge for you.

As you can see, we have once again put together some exciting practical topics for you. Of course, this also includes the success story of the Arens joinery from Bergisch Gladbach, which is already successfully using the EDGETEQ S-200. Also exciting: our CNC templates, which help you to implement traditional craftsmanship using a processing center.

Patrick Görner
Sales manager for southern Germany

Thomas Nesemeier
Sales manager for northern Germany

CONTENTS

2 WOOD IN THE BLOOD Hendrik Albers

NEWS eShop | HOMAG Treff FROM PRACTICAL EXPERIENCE DRILLTEQ D-110

4 SUCCESS STORIES Portrait of the Arens joinery

CUTTING-EDGE MACHINING Proactive service with predictive diagnosis FROM PRACTICAL EXPERIENCE DRILLTEQ V-310 with FEEDBOT at Ravensberger Holz

7 CUTTING-EDGE MACHINING The cutting edge for woodworking shops

WOOD WITH A FUTURE Answers to apps & digital assistants

9 CUTTING-EDGE MACHINING Effective nesting with STORETEQ F-100

WOOD WITH A FUTURE productionManager | woodStore 8 CUTTING-EDGE MACHINING Promotion: ServiceBoard free of charge

11 CUTTING-EDGE MACHINING SAWTEQ S-300/S-400 flexTec

ROOT KNOWLEDGE Craftsmanship with CNC

12

WOOD IN THE BLOOD

Hendrik Albers

Trained as a carpenter, studied wood technology – Hendrik Albers is living proof that wood can be digital through and through. As head of digital product innovation, he is constantly on the lookout for digital added value for wood-working shops.

Name: Hendrik Albers

Age: 46

Has been working for HOMAG since: 2007

Career overview:

1998–2000	Trained as a carpenter, Hollern-Twelenfleth
2000–2002	Employed as a journeyman carpenter, Jork
2002–2007	Studied wood technology, TH Rosenheim
2007–2010	Consultant, SCHULER Consulting, Valencia, Spain
2010–2014	Senior Consultant, SCHULER Consulting, Pfalzgrafenweiler, Germany
2014–2016	Project Manager Alternative Substrates, IGP Pulvertechnik, Wil, Switzerland
2016–2018	Product Manager Production Control System ControllerMES, HOMAG GmbH
2018 to date	Head of Digital Product Innovation, HOMAG GmbH

Why HOMAG?

The thing that has always fascinated me about HOMAG, is its international orientation. My career started in Valencia, at our management consultancy SCHULER Consulting. Both in Spain and back in Germany, I was able to manage exciting projects – and drive them forward in the interests of our customers. What still inspires me every day is working on challenging and topical issues – with competent colleagues and a focus on customer satisfaction.

Why wood?

Wood has fascinated me since I was a child – in my grandfather's wheelwright's workshop and in the forest. It is incredibly versatile, has a great feel and a fascinating look. What's more, it is a natural and pleasant material to work with.

Favorite thing made from/using wood:

I can hardly limit myself to just one thing. In our house alone, there is the oak staircase with a folded look, built-in walnut furniture and pitch pine in the bathroom. My project last winter was two garden loungers from Meranti. But I have grown particularly fond of two curved pieces of furniture that I made myself and which have been with me for 22 years.



Wood in the blood, innovation in mind: Hendrik Albers.



NEWS

eParts meets eShop.

Find and order spare parts efficiently.

The HOMAG eShop has been around for 5 years now: with a 3% online discount, free delivery of over 30,000 original parts, transparent prices and the best price/performance promise. Another advantage is that if you order your spare part by express before 3pm it will be delivered to you the very next day. And to ensure that not only the delivery is fast, but also the finding of spare parts, we have combined our eParts database and the eShop. You can find the right spare parts for your machine via eParts and you can see the prices for them in the eShop. The connection to the eShop means that you now have exactly one point of contact from which you can conveniently start the ordering process.



[This way to the eShop.](#)

CUTTING-EDGE MACHINING

DRILLTEQ D-110

Even better drilling and doweling.



The new entry-level CNC DRILLTEQ D-110 has precisely two tasks: horizontal drilling and doweling. And it does this more effectively than ever – with up to 3 individually retrievable drilling spindles and a maximum slot assignment of 4 workpieces. In conjunction with woodWOP 8.1, it opens up new possibilities for many companies: for example, the height and depth of drilling and doweling operations can be automatically preset and retrieved in the respective program. Another advantage: the doweling equipment used – consisting of the dowel chamber, doweling unit and vibration conveyor – has already proven itself in higher series.

[Find out more about the DRILLTEQ D-110 here:](#)



HOMAG Treff

09.24. to 09.26.2024, 9:00 to 18:00

09.27.2024, 9:00 to 15:00

NEWS

HOMAG Treff

Where sawdust flies and inspiration lands ...



From **September 24 to 27** we will be presenting production concepts from small to large, from simply networked to fully digitalized, from manual machine operation to maximum automation at HOMAG Treff. How can you expand your production? How does networking work? Discover new ideas at HOMAG Treff for even more modern and flexible working – in your company too.

Personal and intensive dialog is at the heart of the event.

At the Holzbronn site everything revolves around the topic of panel dividing and storage technology. We will be presenting machine systems in the factory and in the showroom. Special highlights: the combination of storage, sawing and nesting, innovations in the storage software woodStore, and the new basic model of the robot saw SAWTEQ S-300/S-400 flexTec.

Trends for woodworking shops await you at the Schopfloch site. We will be showing you various solutions from individual machines and cell concepts to large-scale systems in the plant. Highlights include an automated nesting cell, the EDGETEQ D-610 for medium to large series with high output and short changeover times, and the new LOOPTEQ O-400 portal return.

Technical presentations on exciting topics will also be held at both locations. Exhibitors and technology partners, as well as experts from LCS, Software, Digital Factory and SCHULER Consulting, will be waiting for you. Take the opportunity to find out about the latest developments and innovations in the woodworking industry and make valuable contacts.

[Find out more about HOMAG Treff 2024 and register now!](#)





Arens joinery, Bergisch Gladbach

Committed to quality.

A portrait of the Arens joinery.



It is not uncommon for joineries to exist for generations. The fact that company succession takes place outside the family is actually more common. This is what happened at the Arens joinery in Bergisch Gladbach. Long-standing employee and master craftsman Niklas Arens took over the business in 2023.

The street Brandroster is also a district of the Bergisch Gladbach neighborhood of Refrath. The joinery with house number 19 has been in existence for more than 50 years. The company was renamed Arens on January 1, 2023. Master joiner Niklas Arens has taken over his training business – after years working as a journeyman, in full-time master craftsman training, and five years as an employed master craftsman. Step by step, he takes on more of his own projects – not only in terms of craftsmanship, but also commercially. The handover of the business went off extremely smoothly, most likely because it was so well prepared. Another reason could have been that previous owner Friedhelm Brings himself had taken over the joinery in a similar way. So the business has not only existed for more than 50 years, but is also in its third generation – and third family.

For Arens it's out with the old and in with the new.

Speaking of family: Niklas Arens doesn't come from a traditional family of craftsmen; the plan was actually for him to take his high school diploma and go on to study at university. However, after finishing secondary school the young Niklas had had enough of the school desk and decided to become a

mechatronics engineer. At his parents' request, he did an internship at Friedhelm Brings – and was thrilled by the experience. Together with journeyman Heino, who has been with the company for 33 years and whose boss he now is, he built a solid wood frame and learned the ropes of the joinery trade at first hand. Still lacking experience in terms of his vocational training, Niklas opted to spend a six-month gap period in Nova Scotia, Canada at a high school that conveniently featured woodworking on its curriculum and had a fully fledged joinery workshop to boot. Now of age and raring to go, he began his training in Refrath.



The business has changed a lot in recent years, especially since Niklas Arens has been at the helm. Old machines out, modern ones in. He has also revamped the office environment and the work preparation process, with an increasing number of work steps now being digitized. And for good reason: Arens wants to remain the first point of contact for

customized fitted kitchens, individual furniture and innovative interior fitting solutions in the region, though with the joinery having made such a good name for itself in the affluent neighborhood and barely any construction site more than a 15-minute drive away, the term region is now almost an exaggeration.

A new edge is needed.

As already mentioned, Niklas Arens immediately set about modernizing the machinery. This also included a new edge banding machine, even though the existing one wasn't actually all that old. But the master joiner wasn't at



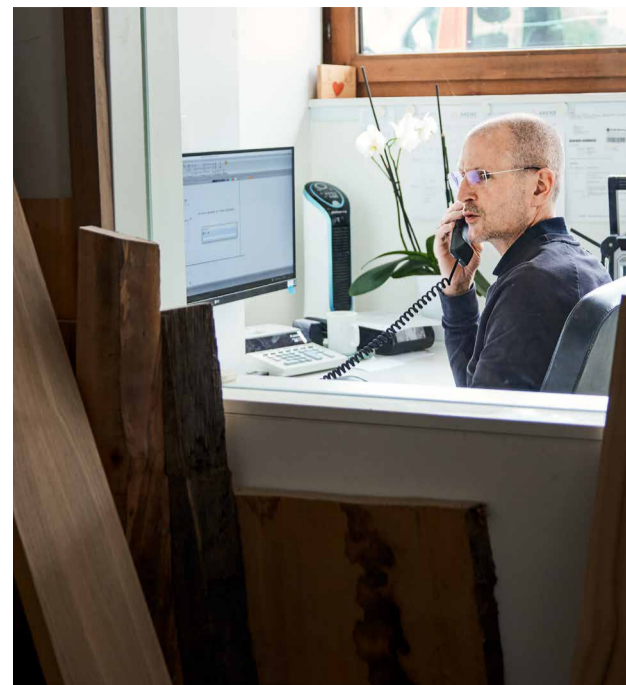
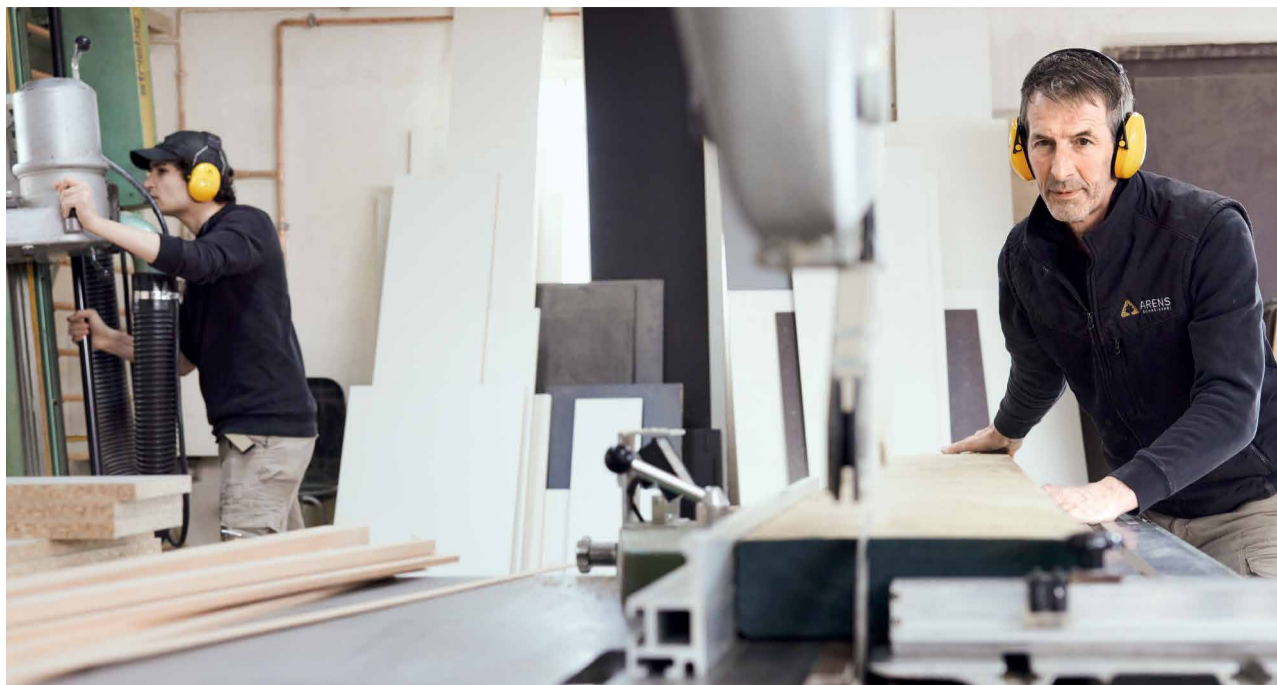


Image top left: Apprentice Leon Megner and journeyman Heino Jürgensen sawing.
Image bottom left: Leon Megner at the EDGETEQ S-200.
Image top right: Master joiner Oliver Schweitzer in the office.
Image bottom right: Niklas and Kim Arens.

all satisfied with the quality. So the motto is: new edge, right edge. That's why the choice fell on HOMAG, or more precisely on the EDGETEQ S-200 – the next level for woodworking shops. The Refrath-based company had already had good experiences with HOMAG in the CNC sector, and the local machine dealer was more than convinced by the model. Things moved quickly. In May 2023 Niklas

Arens inspected the machine at LIGNA, and while on a family holiday in June he received a call informing him that he could have one of the first machines. The edge bander was up and running in October.

"The new edge bander is a quantum leap for us."

Niklas Arens, owner and master joiner

In terms of quality – and this is something Niklas Arens never tires of emphasizing – it is a world of difference: no more post-processing; thanks to preset parameters, the employees don't have to readjust anything by hand and, what's more, changing the glue is child's play.

Relaxed edging at last.

Glue is the keyword: it was important to the 31-year-old that the new edge bander could also process PUR glue. It's a good thing that the QA65 N industrial application unit is now used on the craftsman's edge bander. This makes it possible to switch between PUR and EVA in less than three minutes. In addition, the integrated magazine height adjustment

means that joiners can switch between edge widths quickly and easily. The top-mounted glue tank makes cleaning simple and residue-free. No wonder Niklas Arens and his employees are completely satisfied. However, the master joiner sees the greatest advantage in the finishing units, which make manual reworking superfluous.

With the EDGETEQ S-200, the company more than fulfills its own quality standards and those of its customers – also thanks also to the high-precision edge feed and reliable strip separation using vacuum suction units.

Even greater quality.

Niklas Arens is hoping for a similar increase in quality in other areas in the future. He's been toying with the idea of a small cutting center and a 5-axis CNC for some time. The only obstacle here – and it's typical of traditional joinery – is space. The eight employees may not be getting under one another's feet at the moment, but if the business continues to grow at its current healthy rate two or three more journeymen are likely to join their ranks. The joinery workshop will then probably have to undergo some remodeling work, with thought also given to adding another story. Niklas Arens has now discarded the original plan to build on a greenfield site within the industrial estate. The bureaucratic hurdles are too high, and, after all, too much joinery history lies within the joinery workshop walls at Brandroster 19.

ARENS JOINERY

Products: Kitchens, furniture, shop fitting, interior fittings

Location: Bergisch Gladbach, Germany

Founded: 2023

Employees: 8

First HOMAG machine: 2007

HOMAG machinery:

- Venture 1M CNC processing center (today comparable with CENTATEQ P-110)
- EDGETEQ S-200

WOOD WITH A FUTURE

Always know how healthy the machine is.

Predictive diagnosis: Intelligent predictions for increased productivity.

Nobody likes unannounced problems, even if they rarely occur. They're almost always associated with costs. Unplanned machine downtimes jeopardize adherence to delivery deadlines, and repairs can become more complex or even impossible to rectify by yourself. The result: annoyed employees, a damaged reputation and frayed nerves. Now imagine if you knew today what would happen tomorrow. Predictive Diagnosis can do just that. As an optional part of your hotline service contract, the software recognizes problems before they occur and immediately provides possible solutions.



Want to find out more about Predictive Diagnosis? Then take a look at our video, or contact us directly at service-contracts@homag.com

Your benefits at a glance:

- **Greater machine availability, lower stress levels:** the software analyzes the machine's state of health. If anything is found, our service team will contact you immediately.
- **Health status at a glance:** you will receive a monthly report with care instructions for your machine and a summary of the maintenance status of your machines.
- **Your personal assistant:** the free serviceAssist app relieves you of tedious work by automatically providing maintenance overviews, suggested solutions, spare parts history and machine documentation.
- **Work even more efficiently:** operating tips help you get the most out of your machine.
- **Protect your machines and your wallet:** reduced wear means you save valuable resources.

REAL-LIFE EXAMPLE

Reinforcements for the Raumwunder.

DRILLTEQ V-310: In use at Ravensberger Holz – with FEEDBOT.

Ravensberger Holz is a company with a long tradition. In 1908, the East Westphalian company was the first timber merchant in the region to sell not only solid wood, but also plywood. The fourth generation of owners, in the person of Dr. Christian Brinkkötter, also has the courage to try out new things. In addition to panels, doors, frames and solid wood, the timber merchant now also offers prefabricated furniture for joineries – via an online shop with an integrated furniture planner. The furniture designed there is transferred directly to a processing center.

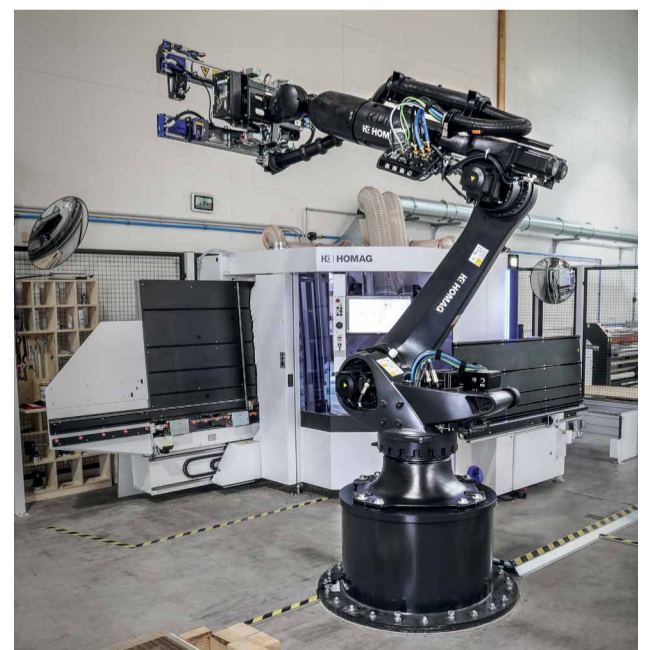
Conscious decision in favor of an automated robot cell.

This processing center is the DRILLTEQ V-310 with FEEDBOT – for several reasons: limited space, focus on automation, and good experience with HOMAG technology and service. The Raumwunder was therefore able to score points with its maximum carcass processing yet minimum space requirements.

Carcasses for joineries.

The business uses the machine primarily for processing carcasses and fronts, but also for the flexible customization of

doors. In practice, the advantages of the cell are particularly evident in the good process integration of the robot: it can be operated directly via the processing center without its own control system and programming. The practical result: all employees were able to use the machine in a very short space of time. In addition, the DRILLTEQ processes unwieldy parts that can be up to three meters in size – without any personnel. Two employees would otherwise have to stand next to the machine and then tow it along with difficulty. No wonder Dr. Christian Brinkkötter is so enthusiastic: "Simply set up, select the program, close the cell and off you go."



CUTTING-EDGE MACHINING

The competitive edge for woodworking shops.

Industrial edge banding quality for joiners and carpenters.

With the **EDGETEQ S-200** and **LOOPTEQ O-400**, HOMAG is bringing proven industrial standards to woodworking shops. You too can benefit from the new rising edge and the most compact gantry return ever.



EDGETEQ S-200

Simply better edges.

The EDGETEQ S-200 brings the edging quality of the industry to woodworking shops – with PUR, EVA and high-precision edge feed.



Find out more about the advantages of the EDGETEQ S-200 here.

LOOPTEQ O-400

Return on investment – literally.

The LOOPTEQ O-400 is the first gantry return for edge banding machines in woodworking shops. It impresses with its attractive price/space/performance ratio.



Simply scan and find out all about the LOOPTEQ O-400.



WOOD WITH A FUTURE

Developed for wood- working shops.

Apps & digital assistants:
We answer the most frequently
asked questions.



The digital joinery trade is gaining momentum. But how do you get started? And what solutions provide support in day-to-day work? Head of Digital Product Innovation at HOMAG, Hendrik Albers, himself a self-taught carpenter and qualified wood engineer, is on hand to answer your questions.

1. APPS AND DIGITAL ASSISTANTS – WHAT'S BEHIND THEM?

To summarize: digital products that support joineries from work preparation through to production and assembly. Depending on requirements, companies can use the solutions in a network or as individual modules.

2. WHAT DOES HOMAG OFFER WOODWORKING SHOPS?

Firstly, apps that joineries can book individually and use flexibly. This enables joineries to digitize step by step. Secondly, HOMAG offers complete sets that include label printers, shelf construction plans and LED strips in addition to apps. A central element here is the intelligent HOMAG CUBE control box, which connects the apps to the racks and label printers. In principle, HOMAG develops solutions that are 100% tailored to the woodworking trade. The top priority here is to respond to the requirements of joineries – in other words: listen, take them on board and develop them further.

3. WHAT SPECIFIC BENEFITS DO THE SOLUTIONS AFFORD WOODWORKING SHOPS?

Within the work preparation process, the digital job folder productionManager ensures clear job management and tracking. Every employee knows at all times where each job is currently located and which components have already been processed. For cutting and nesting, intelliDivide delivers optimized cutting patterns and sends them directly to the workshop. Also important in many companies: organizing material stock. Our digital assistants provide joiners with a permanent overview of stock. The endless search for panels and edging straps has now come to an end.

4. HOW WOULD YOU SUMMARIZE THE APPS?

The most important thing first: they are easy to use – thanks to clear user interfaces and smart design. The apps are also independent of the end device and can be used conveniently in the browser or on a tablet.

Another plus: just one login. A company only registers once and then receives a company license that can be used by any number of employees. What's more, all digital products can be seamlessly integrated into any existing workshop and production environment.

5. MANY JOINERS ALREADY USE SOFTWARE. DO THE APPS STILL WORK?

Yes, of course. As our digital solutions not only communicate with each other, but also have interfaces to other software products, the apps can be easily integrated into the existing software landscape.

6. WHAT TIPS WOULD YOU GIVE JOINERS FOR THE INTRODUCTION?

At the beginning, the joinery should look at where the greatest need exists and then just get started. Companies can test our apps free of charge for 30 days. Once the right solution has been found, it can be booked on a monthly or annual subscription basis – depending on requirements. Even the basic versions of some apps are available free of charge. So joiners can only win.



Hendrik Albers answers your questions.



Do you have any further questions or specific interest? You are just a scan away from all the information.

CUTTING-EDGE MACHINING

Nesting. Even more effective.

STORETEQ F-100: The single-axis feeder optimizes CNC processing.



Feeding, pushing – what next?

As a foretaste, the F-100 will be one of the highlights at HOMAG Treff in September. After feeding is before destacking.

And so you can look forward to a newly developed concept for destacking single parts after nesting.

Two things are crucial for many joineries when it comes to nesting: flexibility and efficiency. The STORETEQ F-100 single-axis feeder for the CENTATEQ N-210 and N-510 CNC processing centers enables exactly this – gentle on the material, automatic and fast – with minimum space requirements. This makes it a real benefit for all companies that opt for nesting when dividing and want multiple panel stacks with direct access.

Space-saving and modular.

With the STORETEQ F-100, you decide where the stack positions are located – customized to your nesting processes. This allows you to create customized layouts to suit your requirements. Another advantage: the single-axis feeder is available in various expansion stages and can be configured according to your performance requirements. Simply integrate one or more machines and multiple stack positions.

Intuitive control on one operator terminal.

The powerTouch control system directly on the processing center via the woodStore storage software is particularly intuitive and simple, ensuring smooth feeding. This creates a complete woodworking shop cell – including convenient manual offcuts management: the gantry picks up the next panel from the stack position next to or behind the CNC using a vacuum cross rail, rotates it by 90 degrees if necessary and then places it on the CENTATEQ roller conveyor. Once the CNC has finished with the previous panel, the next one is ready. Everything is fully automatic and just-in-time.



Your benefits at a glance:

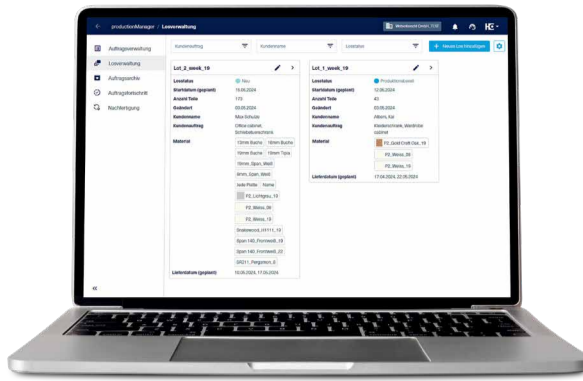
- **Accelerated feeding:** With the integrated complete solution, you can increase your productivity thanks to higher output.
- **Productivity up, time down:** fully automatic panel handling ensures a continuous process flow.
- **No scratches. No back pain:** the single-axle feeder takes the strain off employees and ensures panel quality during transport.
- **Fits into any workshop:** The space-optimized feeder requires hardly any installation space.
- **Get started straightaway:** All machines are configured and ready for use – without additional service support.
- **Intuitive operation:** The operator controls the single-axis feeder very conveniently – from the CNC processing center – via woodStore.



This video shows the single-axis feeder in action.

WOOD WITH A FUTURE

The digital job folder grows.



productionManager: Post-production and batch formation.

The digital job folder supports hundreds of joineries in the fight against the chaos of paperwork. Now it comes with two new functions: Post-production recording and batch formation.

Post-production recording.

Many jobs mean many components that pass through several stations every day. Possible damage then often leads to post-production work, which causes waiting times and additional effort. The digital job folder now makes it possible to record and manage post-production components in real time: simply scan and send to the work preparation department. The joiner can add reasons for errors, photos and comments directly. This means that the work preparation department is informed immediately and post-production work flows into the production process in an organized manner.



Batch formation at the click of a button.

With the new batch creation function, joineries can clearly summarize jobs into production batches based on key figures – even across jobs, e.g. using the same panel or edge material. The intelligently bundled batches can then be sent directly to a cutting optimization system if required. Employees always have an overview of the status of all batches. This means that batch formation not only reduces material consumption, but also the number of setup processes.

The result: productivity up, costs down.

All the advantages of productionManager at a glance.



CUTTING-EDGE MACHINING

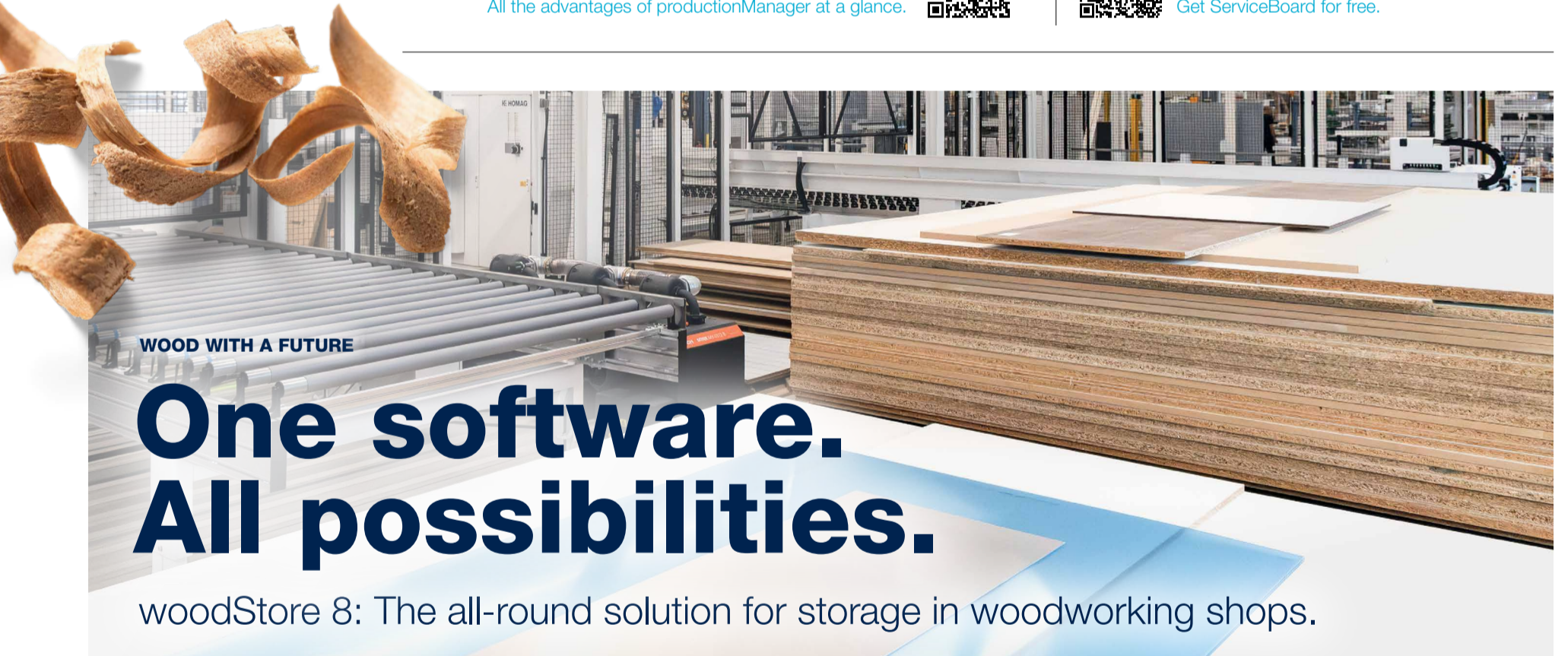
ServiceBoard free of charge.

From 5/14 to 9/30/2024, you save twice.

ServiceBoard enables you to create service tickets quickly, keep track of them easily and communicate via video diagnostics – conveniently as a web app via your Internet browser. Together with our partner tapio, we offer you ServiceBoard licenses for your HOMAG machines free of charge. If you are already using the app, your existing subscriptions will be renewed permanently within the promotional period at a price of €0 per machine. And for those who do not yet have licenses, the process is just as simple: Register with tapio and purchase your licenses for €0 permanently until the end of September. In addition to the initial price, you also save on the ongoing subscription fees. Important: The costs for the service case at HOMAG are not included in the promotion.



Get ServiceBoard for free.



WOOD WITH A FUTURE

One software. All possibilities.

woodStore 8: The all-round solution for storage in woodworking shops.

No two joineries are the same, so every business has its own requirements for its panel storage system. Whether it's a wide range of parts, high speed or minimal space requirements, woodStore 8 storage software combines automation and intelligent logistics for optimized productivity and standardized data integration. Joiners and carpenters benefit from two new, innovative functions: quickTip and IntelliStore AI – Offcuts.

quickTip: The assistant for optimal storage management.

The quickTip assistance function integrated into the HOMAG storage control system proactively supports the machine operator with setting recommendations for optimized storage management. This makes it easy for joineries to utilize the full storage potential.

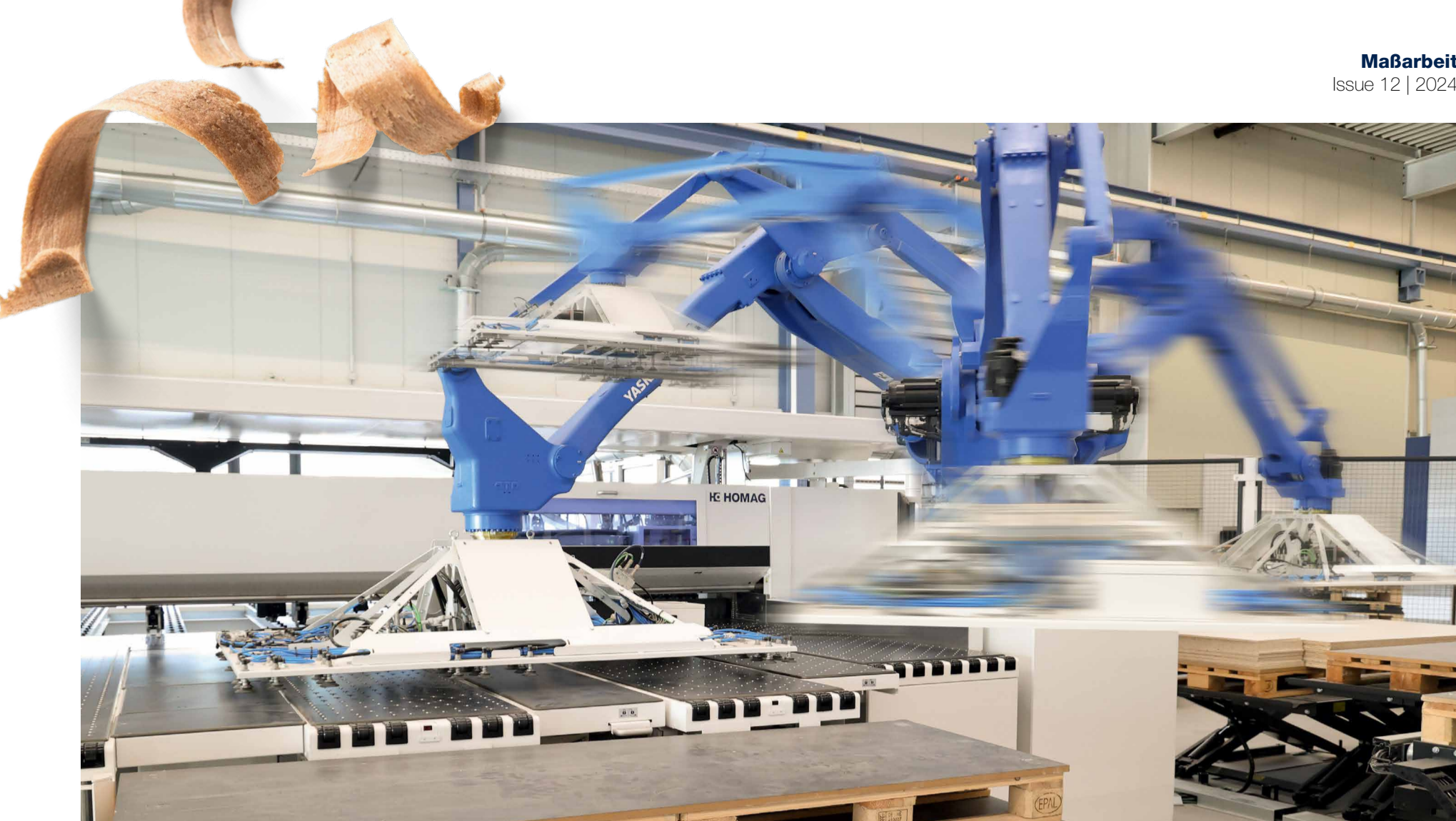
intelliStore AI – Offcuts: New standards in offcuts management.

intelliStore AI – Offcuts proves that intelligent software solutions increase efficiency. The new development combines chaotic offcuts stacks and the distribution of offcuts on defined panel stacks in the storage system for frequently used material. Customer-specific analysis results and settings can reduce stock movements by up to 40%.

woodStore 8 storage software –

Your benefits at a glance:

- **Stay flexible:** Use up to 15 processing machines and 20 storage return positions.
- **Utilize storage space efficiently:** 100% of your storage return positions can be used as restacking positions.
- **Practical slow-selling goods function:** Find and dispose of old panel stock quickly and easily.
- **The right storage system for your business:** Whether single-axis feeders, area storage, second-level storage, dual-level storage or storage with two bridges.
- **quickTip:** The assistant for optimal storage management supports you proactively.
- **intelliStore AI – Offcuts:** Reduce storage movements by up to 40%.



CUTTING-EDGE MACHINING

Efficiency at an entry-level price.

SAWTEQ S-300/S-400: The flexTec basic model for woodworking shops.

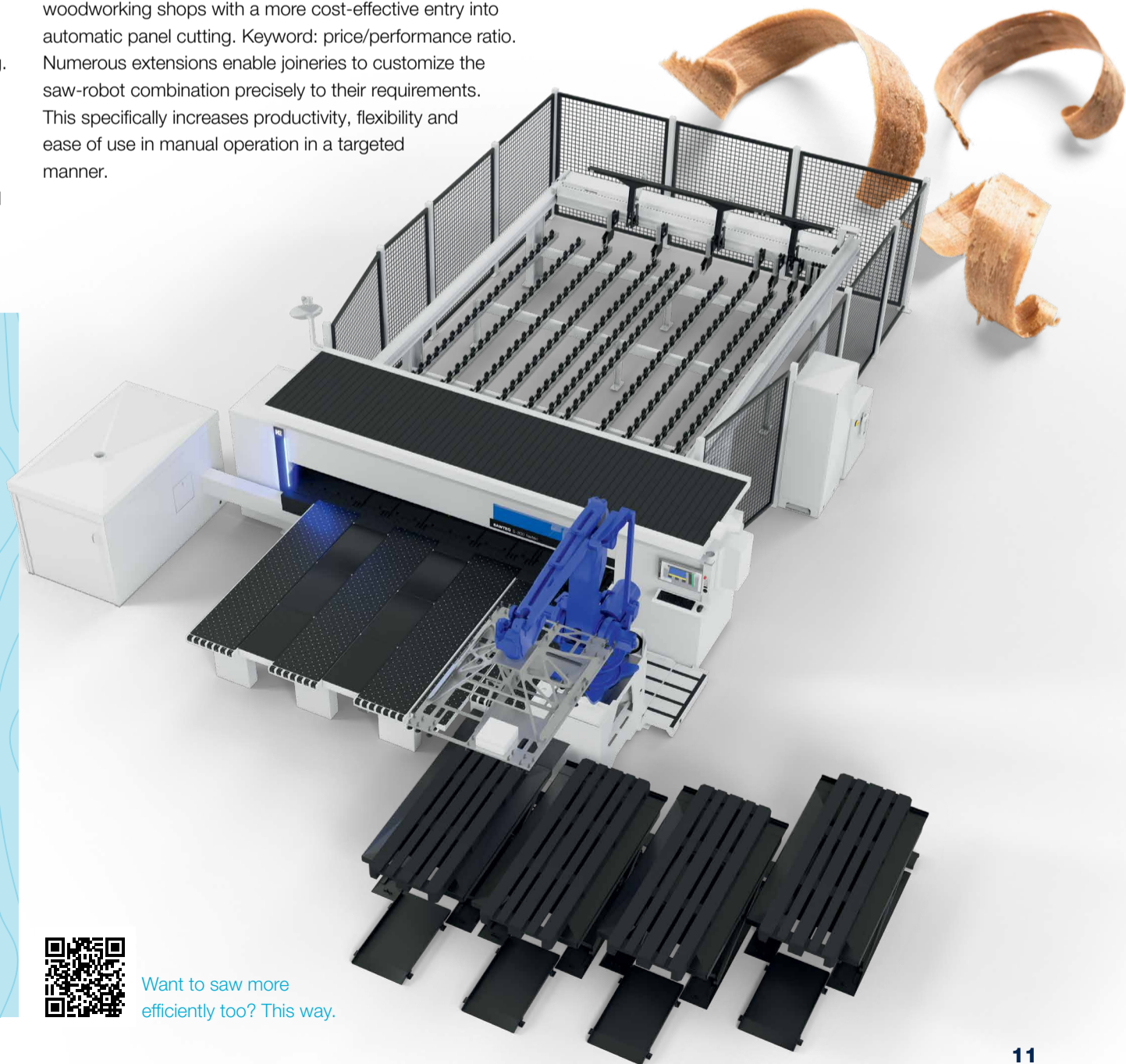
The saw is often a bottleneck in production, especially in woodworking shops. That is why an increasing number of joineries are considering partially or fully automated cutting. The advantages are clear cut:

A reduced workload for employees, consistently high machine performance – and the enhanced SAWTEQ S-300/S-400 flexTec offers the full range of functions. And the best thing about it: The high-performance basic model utilizes findings from customer applications to provide

woodworking shops with a more cost-effective entry into automatic panel cutting. Keyword: price/performance ratio. Numerous extensions enable joineries to customize the saw-robot combination precisely to their requirements. This specifically increases productivity, flexibility and ease of use in manual operation in a targeted manner.

The innovations at a glance:

- **Most powerful robot unit:** Utilize the latest generation of robots – with adapted position and revised base.
- **Simple alignment of the panels:** In the standard version, the robot aligns the ejected plate; optional extensions can speed up the alignment process.
- **Continuous traceability:** Fully automatic labeling on the pressure beam at two predefined positions allows you to keep an eye on the flow of parts.
- **Manual label printer creates flexibility:** Optional for manual mode.
- **Optimized parts buffer:** The revised design, including a support surface made of grooved MDF, creates space for components and improves your parts flow.
- **Modular air cushion table area:** In aisle 1 with one-piece, fold-down air cushion table and three insertion plates in aisles 2 and 3 as standard. These can be removed when switching to manual mode and attached to the protective fence.
- **Swiveling and tilting multi-touch display:** The revised operating position on the pressure beam increases operating convenience, while the quickTip assistance function also improves machine performance.



Want to see more efficiently too? This way.

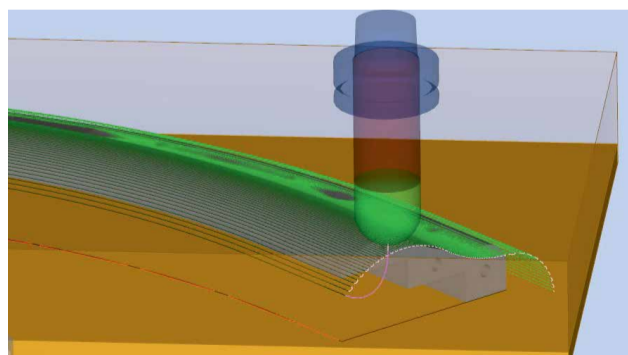


Craftsmanship with CNC.

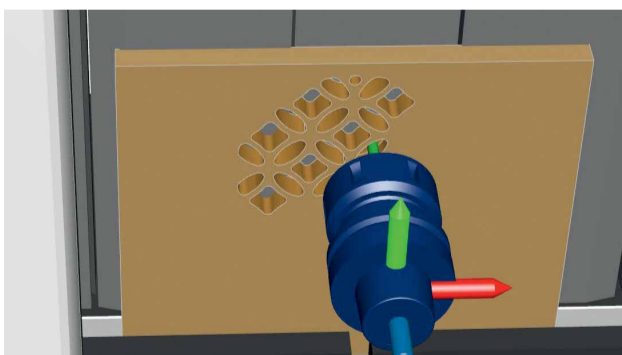
woodWOP: New options with the CAM plugin.

Do you have a CNC machine but still have to turn down projects because it isn't a 5-axis machine? It doesn't need to be like this: There's more to your 3-axis or 4-axis than many people think. With CAM Plugin Basic for woodWOP you can produce workpieces that would otherwise only be possible with time-consuming manual work – or with a 5-axis processing center. CAM Plugin Basic brings classic craftsmanship to your CNC.

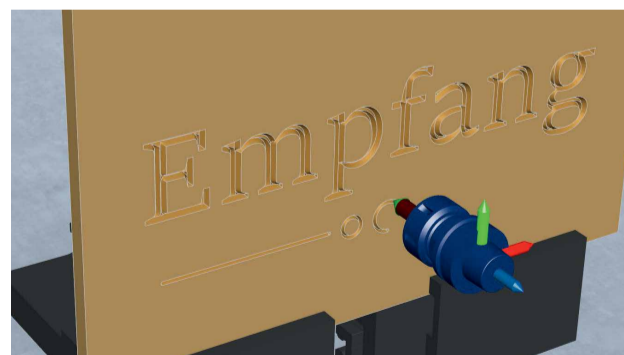
The add-on module for woodWOP provides you with additional processing macros that enable 3-axis processing of 3D surfaces in woodWOP. Tools such as roughing cutters, finishing cutters and ball cutters are very helpful here. Several practical examples will quickly show you how CAM Plugin Basic can realize the full potential of your CNC machine. And how you can expand your product portfolio without high investment costs and a lot of effort.



Beech handrail: A classic produced in a modern way. The joiner designed the 3D model of this handrail segment using the CAD plugin in woodWOP. The subsequent programming of the processing steps – roughing down and finishing the surfaces – is then carried out quickly and easily with CAM Plugin Basic.



Sample cutouts: As a promotional gift or decoration. There are countless sample files on the Internet as a basis for decorations that you can import into woodWOP with just a few clicks. The processing macro "Milling pockets with islands" automatically calculates the required milling paths. Such projects can also be easily implemented on DRILLTEQ machines.



Signage: Texts and logos for professional or private use. Your CNC engraves lettering or company logos into a wide variety of materials with ease using the stylus trimmer. The "Engraving" macro automatically calculates the milling path and automatically pulls the tool upward in the corners.

