

# Maßarbeit

With wood, hand and heart.

## Interior architects' favorite.

Portrait of the  
Fehlmann joinery.

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**IT DOESN'T GET MORE  
INTUITIVE THAN THIS.**

SmartWOP

**CLEVERLY COMBINED.**

The Nesting Production Set

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**DRILLTEQ V-310  
SO MUCH CNC,  
SO LITTLE SPACE.**



# Thinking out loud.

We meet again.

We missed it: direct dialog with you at the trade fair stand and at major events. But the long wait has finally come to an end this year. We saw many of our customers, partners and interested parties (again) at the HOLZ-HANDWERK trade fair in July. The great exchange of information makes us want more. And that is why we are really looking forward to the next opportunity: we invite you to the HOMAG TREFF in Holzbronn on September 27.

There, we will finally have the chance once again to show you what our latest products can do – live, in person and for you to touch and experience. Machines such as the DRILLTEQ V-310 or the CENTATEQ N-510, as well as digital assistants such as woodCommander 5, productionManager, etc. are included. The eighth issue of our Maßarbeit magazine gives you a small foretaste of what's to come. Enriched with current highlights, service information and feedback reports, you can read about the objective, use and technology of our innovative solutions. With this in mind, we hope you enjoy reading the magazine.

**Karl-Heinz Brauneisen**  
Sales manager for southern Germany

**Thomas Neseheimer**  
Sales manager for northern Germany

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## WOOD IN THE BLOOD

# Harald Stehle.

Our employees at HOMAG are united by a special passion: they all have WOOD IN THEIR BLOOD. Harald Stehle, service consultant in the field, provides further evidence of this. If you have any questions or concerns about your machine, he's your man.

**Name:** Harald Stehle

**Age:** 52

**Has been working for HOMAG since:** 2000

### Career overview:

1985–1989	Training as a mechanic, at EBA Balingen
1989–1990	Completed his basic military service
1989–1997	Service technician in field service, EBA Balingen, file shredders/cutting machines
1993–1994	Further training as a master in mechanical engineering, specializing in mechanical and system engineering
1997–1999	Service technician in field service, Kleindienst-Belimed GmbH, Augsburg, hygiene/disinfection technology
2000–2009	Service technician in field service, HOMAG GmbH, throughfeed technology/repairs
2009–today	Service consultant, HOMAG Group

### Why HOMAG?

I have always been interested in machines and technology, just as I have in wood, and HOMAG brings it all together. I value HOMAG as a modern mechanical engineering company that is constantly developing itself and its products. That is why I am still impressed – after 22 years at the company – by the new opportunities our machines offer customers to turn wood into the most diverse shapes and designs.

### Why wood?

Wood is a living and above all renewable raw material, which in my view, makes it indispensable and special. With wood, I can not only generate a pleasant heat, it also lets you create new energy for yourself. For example, if I walk through our native forests, I can recharge my own battery wonderfully.

### Favorite thing made from/using wood:

A living room table I built myself from my own plum tree, which has accompanied me almost all my life.



Our service employee Harald Stehle is happy to advise you.



SAVE THE DATE

# HOMAG TREFF in Holzbronn.



To the event & registration

At the **HOMAG TREFF** from **September 27 to October 1, 2022**, we are opening up our halls to all interested parties – naturally in compliance with all the requirements of our comprehensive hygiene concept. So nothing stands in the way of your visit to Holzbronn: visit our plant and discuss holistic solutions along the production process chain with us. What exactly do you need?

The excellently equipped exhibition, demonstration and training center offers you the perfect setting to explore our range of machines over an area of 1800 m<sup>2</sup>. And that's not all:

Experience entire production cells live in operation, supported by our software solutions for the entire production process. Use our project simulations to find out which of the solutions presented will take your workshop forward.

In addition, we offer exciting online events on Live.HOMAG throughout the year. On the platform, you will find not only helpful practical tips, but also informative customer reports, webinars, our HOMAG Newsflash and more. Simply scan the QR code and register to participate. We look forward to seeing you.

## Live.HOMAG

Live.HOMAG: With just one registration, you get access to all the contents of the web platform. Benefit from informative webinars and online events and learn more about the machines and solutions in your workshop in product presentations. [www.live.homag.com](http://www.live.homag.com)



UPDATE

## New look and feel for IntelliDivide.

It was time for an update. The application continues to provide you with reliable support for optimizing the cutting for panels and nesting. However, we have optimized the user interface so that you can move more transparently in the individual settings. What does that mean exactly? When you create a new parts list, the individual areas are now highlighted even more clearly. A light blue button guides you through the entire process step by step. In addition, you can now access new trimming strategies such as "Stay-Down" and "Common-Line" when nesting in conjunction with wood-WOP 8.

Everything at a glance: you can now see the most important key figures directly on the new overview page. The cutting patterns are also displayed immediately. And with a click, you can compare all alternatives in tabular form quickly and easily. This makes it easier to decide which solution is best for each individual job.

## WEINMANN TREFF

Don't miss the **WEINMANN TREFF** from November 17 to 19 in St. Johann-Lonsingen. Our factory in the Swabian Alps offers the perfect setting for exchanging information about current solutions for timber construction. You will experience not only high-tech machines at work and find out what technology our digital tools use: during training sessions and individual consultations, you will also learn how to make your production processes even more efficient.

CHANGE OF STRUCTURE IN SOUTHWEST GERMANY

## New era in customer support.

With the unexpected closure of Dr. Keller Maschinen GmbH, the long-standing sales partnership with HOMAG also ends. This is why we are adapting our sales and service organization: HOMAG will now take over customer service in Baden-Württemberg, Hesse and, for the most part, in Rhineland-Palatinate.

From the selection of the right machine technology through the right software solution right up to service, we are now your direct contact partner. For almost 20 years, we have been successfully demonstrating in the region of Bavaria that the concept of direct sales is a success. In all other sales regions of Germany, we will maintain the existing sales organization and continue to rely on collaboration with our proven sales partners.

Optimum market cultivation throughout Germany is our goal: to achieve this, we are expanding the existing Competence Centers in Herzbrock (North Rhine-Westphalia) and Denkendorf (Bavaria), as well as the 1800 m<sup>2</sup> showroom in Holzbronn (Baden-Württemberg) with a new customer center at the main location in Schopfloch, which will be completed at the end of 2024/beginning of 2025.

If you have any questions or need assistance, please contact us at [info-deutschland@homag.com](mailto:info-deutschland@homag.com) and we will get in touch with you as quickly as possible.





Schreinerei Fehlmann AG, Müllheim

# Interior architects' favorite.

## Portrait of the Fehlmann joinery.

Heinz Fehlmann smiles as he takes a seat at the three-meter-long walnut table in his bright sales room. Modern kitchen units with indirect lighting and stylish fittings are the main features of this room – genuine veneered wood with striking grain and a wide range of color finishes decorate the surfaces. The showroom is a real eye-catcher. It is no wonder that more than 30 percent of orders are for kitchen, bathroom and home furniture for private customers. But the joinery's top clients also include interior architects. For example, the team led by Heinz Fehlmann was entrusted with the full furnishing of twelve lofts in the Kornhaus development in Romanshorn, and with the exclusive furnishing of the suites of the Bürgenstock Resort hotel. And numerous projects also come from the public sector: for example, the joinery took over the new construction and renovation of the Kantonsspital Frauenfeld, as well as one or two room concepts for more beautiful classrooms in school buildings.

### Nothing ventured, nothing gained.

The joinery in Thurgau, Switzerland, has built up this reputation over many years. The success story began in 1998: as a qualified master carpenter, Heinz Fehlmann decided to take the step into self-employment. Many differ-

ent activities that he had completed in an employee relationship – from the assembly area through the machine room to the office – had prepared him perfectly for running his own joinery. Chance took him to a familiar region. Fehlmann took over a vacant property of an insolvent joinery in Müllheim – together with an old CNC machine from the former employer. He used to go to school here, and now he is one of the largest employers in the community. Fehlmann remembers the first marketing campaign exactly: together with his wife, who still supports him in sales, he went from house to house and distributed flyers. But relationships and contacts from earlier days also helped him start the Fehlmann joinery. Starting



with a door for an old friend, the order book was constantly filled with individual customer requests.

### About growing up.

Soon, Fehlmann was able to rely on recommendations. One hundred percent customer satisfaction is still his recipe for success today. With the increase in orders, the demand for work space also increased. Therefore, in 2012, the large new building of the woodworking shop was built a few hundred meters further along on the other side of the street. Three years later, the 17 employees who moved with the company at the time became twice as many. Today, the joinery employs 50 people.

The CNC machine taken over from those early days was replaced by a HOMAG CNC in 2000. From then on, HOMAG Switzerland also became the main contact for new machine solutions for the joinery. After the move to

**"Thanks to the well-thought-out work processes and our talented employees, we are very effective in high-end and large-scale projects."**

H. Fehlmann, owner and managing director of Schreinerei Fehlmann AG



Above: Master carpenter and project manager Stefan Burkhart with reinforcement on the SAWTEQ B-300.



Above: Patrick Schudel operates the edge banding machine.  
Left: Lots of wood – high-quality pieces of furniture are produced here.  
Right: Markus Werner scans labels for part tracking.

the new building in particular, Heinz Fehlmann was increasingly committed to the continuous further development of the machine pool. After all, there is plenty of room for this in the new workshop, which has a surface area of 3100 m<sup>2</sup>. The working area now accommodates four CNC machines, an edge banding machine, a cutting system including storage system and assembly, a sanding machine and a spraying robot. All large industrial machines at the company today bear the HOMAG logo.

The digitalization of the joinery has progressed with major steps from 2019 onwards. Newly created social media accounts (especially Instagram and LinkedIn) are just the beginning. The digital assistants in particular have ensured greater productivity in wood processing. Here, Fehlmann relies on a mixture of HOMAG and imos software. For example, from HOMAG, the company uses woodWOP, woodStore and woodCommander as well as Cut Rite.

#### Why HOMAG?

It is the reliability and innovative power of HOMAG that Fehlmann particularly values. As managing director, he is grateful for his open-minded team, which is always open to innovation. Because it is only with efficient machine equipment and staff willing to learn that the company can meet the challenges of digitalization and remain competitive. "This is a continuous process that requires continuous further development," says Fehlmann.

He also emphasizes the excellent quality of the machines. From the first use through the decades, the workpiece is consistently produced in the desired quality. The commissioning of new machines is, in his opinion, smooth and

uncomplicated. He doesn't hear anything different from his staff, either.

#### Thinking in visions.

Fehlmann still has some plans aimed at digitally differentiated work and high-level craftsmanship. He would like to see continuous production in the future so that the work is also simplified for his employees. Specifically, he is looking at a digital high-bay warehouse as a new acquisition. From a higher level of technology, Fehlmann would like to further expand the private customer share of project orders. In a few years

time, however, the full-blood carpenter will also be able to take his well-earned retirement. This gradually brings the issue of business succession to the table – the company could be taken over within the family by Fehlmann's son. He is currently

based in Los Angeles, where he works as a production manager in a large joinery, gathering his own experience away from the family business. "Time will tell," Heinz Fehlmann utters his closing words calmly and boldly knocks on the fine walnut table.

**"The machine performance is impressive. If necessary, HOMAG acts quickly and supports us with any kind of request. We feel very well taken care of."**

H.Fehlmann, owner and managing director of Schreinerei Fehlmann AG

#### SCHREINEREI FEHLMANN MÜLLHEIM

**Products:** Interior design, bathrooms, kitchens, furniture design

**Location:** Müllheim, Switzerland

**Founded:** 1998

**Employees:** 50

**First HOMAG machine:** 2000

#### HOMAG machinery:

- OPTIMAT BHX200/D drilling machine (today: DRILLTEQ V-500)
- OPTIMAT BP85 CNC processing center (comparable with CENTATEQ P-110)
- OPTIMAT BHC Venture 5M CNC processing center (comparable with CENTATEQ P-300)
- BMG512 CNC processing center with PROFI TBA340/25/12 (today: CENTATEQ P-500 with TBA)
- STORETEQ S-200 saw-storage combination with SAWTEQ B-300
- PROFI KAR370/7/A20 edge banding machine (today: EDGETEQ S-500)
- OPTIMAT SWT535/QCH/DIA wide-belt sanding machine (comparable with SANDTEQ W-300)
- HOMAG/Makor ROBOSTART spraying robot



REAL-LIFE EXAMPLE

# The CENTATEQ N-510 in action.

How the nesting machine is being received at the company Fast Systemmöbel.

Practical experience is extremely important for the (further) development of our machines. It is often only in the day-to-day work of the workshop that we see what the new machine really can do and where improvements still need to be made. This allows our pilot customers to have a significant influence on the range of services and the handling of new HOMAG products. However, after a little extra work during the test phase, the company receives a tailor-made solution that is adapted to its own workshop situation.

In the last issue, we presented the **CENTATEQ N-510** in detail. We have since received the first feedback from practice. The company Fast Systemmöbel from Espelkamp has been using the **CENTATEQ N-510** since June 2022 and has now given initial feedback.



Panel dividing saw and CNC processing center: the CENTATEQ N-510 is both.

**HOMAG:** What do you see as the greatest benefit of the CENTATEQ N-510 compared to your previous panel dividing saw?

**Fast Systemmöbel:** In handling and the time factor. With our current panel saw, there are more operating steps: placing the panels on the saw, entering dimensions, removing and reinserting panels, and so on. With the CENTATEQ N-510, we don't have to do this work.

**HOMAG:** What applications of the CENTATEQ N-510 do you use in your production?

**Fast Systemmöbel:** Trimming, drilling, dividing. This means that the machine is used in all basic furniture construction technologies. Now, however, we can also process smaller parts easily. This is because thanks to the efficient vacuum control, they are held much better. This makes our work much easier.

**HOMAG:** Your tool change assembly is fully equipped with 22 slots (8 piggyback slots in the X and Y direction, 14 piggyback slots in the X direction) and enables short change times. Why was it so important to you for the CENTATEQ N-510 to reduce the non-productive times?

**Fast Systemmöbel:** We use many different trimmers. A piggyback tool changer is therefore very advantageous. There are no waiting times, as the tool can be changed during drilling.

This saves 10 seconds per change. If you extrapolate this over the day, you have a considerable time saving with a piggyback changer.

**HOMAG:** During the development phase, we were particularly concerned with improving the suction device of the machine. How satisfied are you with the suction result in principle?

**Fast Systemmöbel:** The suction performance is good. There is nothing to complain about. Given that the parts have been trimmed and chipped, they come out of the machine very clean.

**HOMAG:** Optimizing the connection to your own system was important to us.

How did the machine connection to your own suction technology in the workshop run?

**Fast Systemmöbel:** It was relatively easy to make the connection. The central suction stub for the processing units is very practical. This means that you only have one connection for the entire machine.

**HOMAG:** Another strength of the CENTATEQ N-510 is that it is easy to extend handling with further automation concepts. For example, you use a lifting table and a belt. Can you imagine using other components, such as a robot or an automatic saw-storage combination?

**Fast Systemmöbel:** We are still considering connecting the robot. When we visited the machine back then, one was being used and that did impress us. The cell then operates autonomously 24/7. Storage would also be a great thing, but unfortunately, we can't implement that here due to the lack of space.

**HOMAG:** You already use other HOMAG machines with powerTouch.

Was the operation of the new CENTATEQ N-510 a challenge or comparatively simple?

**Fast Systemmöbel:** Because we already have a CENTATEQ P-210 in the workshop and know woodWOP 7, commissioning was really easy. The uniform powerTouch user interface also contributed to this significantly.



Johann Fast and his son Andreas are proud of the CENTATEQ N-510 and report on their first experiences.

REAL-LIFE EXAMPLE

# Practical test mastered.

productionManager and productionAssist impress: The field report.



Paperless, transparent production: that was the aim of the Binsch joinery in Baden-Württemberg. Thanks to the high degree of digitalization in the joinery, it made sense to meet this challenge with digital solutions. The Binsch joinery therefore became a pilot customer for **productionManager** and **productionAssist**.

Binsch GmbH has been using HOMAG machines for more than 20 years. The entire production is now run with HOMAG machines without exception. We now had to prove

again what our products can do. productionManager provides information about the current order progress and allows transparent part tracking. The additional app productionAssist Feedback ensures, thanks to various feedback workstations, that productionManager receives real-time feedback on which components and articles of the re-

spective order are being processed: from the saw and edge through CNC processing and delivery up to assembly. Julian Roob, work preparation manager and project manager at Binsch, explains: "Each component receives a barcode, combining the order name and component number. After the scan, productionManager receives feedback that the component has passed the station." This allows the entire team to see what stage the individual components are at.



For efficient order processing: the Binsch joinery has recently started using productionManager and productionAssist for furniture production.

**"In the past, you had route cards for every job, but paper simply disappears or somewhere, a job folder is lost. The two apps are a huge advantage. Everything is digital and always up to date."**

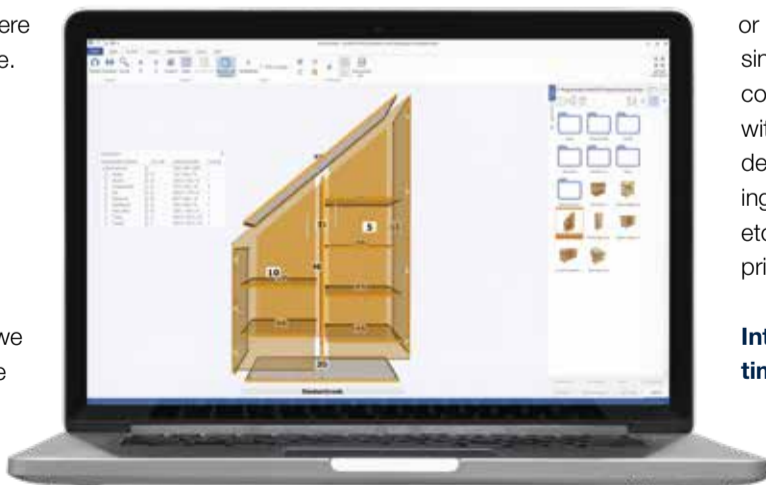
Benjamin Goldschmid, Technical Manager, Binsch GmbH

WOOD WITH A FUTURE

# It doesn't get more intuitive than this.

With SmartWOP, you can design furniture easily yourself.

New software in the HOMAG product portfolio. We are talking about SmartWOP. With this clever application, you can design furniture quickly and easily. Plan down to the last detail with fixtures and furniture connectors – there are (almost) no limits here. Many of our customers want a furniture design software that is easy to use and clearly arranged – and at the same time, leaves a lot of freedom for design options. With SmartWOP from Tibek, we now offer a new software that meets exactly these requirements. Tibek CNC-Technik GmbH is a long-standing HOMAG partner and has been developing software solutions for our processing centers for many years.



**Create furniture using drag and drop.**

With SmartWOP, we are providing companies that have specialized in custom-made products and individual customer requirements with a new powerful tool. The intuitive drag-and-drop operation allows you to design exclusive

furnishings in a very short time. The individual components of a cabinet are simply drawn into a previously selected volume. Furniture already designed can be stored in a separate

library and can be called up or changed at any time. A single cabinet quickly becomes a whole wall unit: with SmartWOP, you can design the entire furnishings for an office, kitchen etc. without any significant prior knowledge.

**Interfaces enable optimum integration into the overall process.**

In SmartWOP, fixtures and connectors can also be set

precisely. Here, you can simply help yourself from a large stock with all the common fixtures of well-known manufacturers. You can even add your own woodWOP components to the furniture without any problems. The comprehensive integration of woodWOP into SmartWOP is one of the outstanding features of the software solution. This allows you to select an individual part of an item of furniture in SmartWOP and open it directly in

woodWOP. Processing steps in woodWOP are saved and visualized directly in SmartWOP.

Once the furniture has been designed, you can create all essential production data, such as the CNC programs, parts lists for panel cutting, fixture lists and technical drawings at the touch of a button and pass it directly to our digital products, such as productionManager and intelliDivide.

**The benefits at a glance:**

- Design furniture intelligently, quickly and easily.
- Benefit from the enormous range of services at a manageable price.
- Ideal for the economical production of individual items and small series, which you previously had to program manually.
- Be even more creative and use the direct interaction with woodWOP.





#### WOOD WITH A FUTURE

# It's the edges that count.

woodCommander 5:  
The smart program on the edge  
banding machine.

No one wants waste. With the new machine software from HOMAG, you will save time, money and your nerves in the future. The woodCommander 5 programming wizard not only helps you to select the right processing program, it also enables you to select the correct edge material quickly.

**Process reliability thanks to supported programming:** Thanks to the graphic display with 3D workpiece simulation and the check for permissible parameter combinations, it is now easier than ever to make the correct adjustment. The individually adjustable user interface with a few clicks and quick orientation makes handling easy.

**In the background: Data exchange between HOMAG systems.**

The intelligent software records all production parameters and manages the programs for optimum processing. The direct connection between the machine and the "materialAssist" app, which manages the edgeband material, gives you a complete overview of your stock at all times. In short, the strength of woodCommander 5 lies in the internal and external data exchange – and that is what digital production is all about.

Edge data package: The tools  
for efficient networking of your  
edge banding machine.

With these two solutions, the guiding principle clearly applies: more is more. If you are already using woodCommander 5 on your edge banding machine, we recommend that you add the edge data package (edge data plug-in + Edgeband Management Set) to the system. With these two components, you can exploit the full potential of edge processing. While woodCommander 5 makes direct operation on the machine easier, the plug-in links the machine to the "Edgeband Management Set" app. In short: three applications for the machine, interface and app that complement each other perfectly.

**The app provides orientation.**

Edgeband Management Set is our edgeband wizard that provides you with an overview of all the information about your edge material and your material stock. In the app, you can always see to the exact second whether an edgeband is currently in storage or in use and how much of it you still have in stock in your workshop.

**The plug-in connects the systems.**

The edge data plug-in software module connects the machine (via woodCommander 5) with the edgeband wizard. The plug-in enables you to access, directly on the machine, a catalog with all edge information from leading edge suppliers (e.g. Rehau and Ostermann). Data such as the edge thickness, edge height and available lengths of the selected edge roll are transferred from the app directly to the machine with the edge data plug-in – this saves having to input the data manually on the machine.

And the data flow doesn't just flow in one direction: the edge banding machine also reports the remaining length of the edge roll used back to the app via the plug-in.



Die Benutzeroberfläche des woodCommander 5.



CUTTING-EDGE PRODUCTION

# Cleverly combined.

Save material and optimize processes with the Nesting Production Set.



**The benefits at a glance:**

- **Save material:** Optimize your nesting patterns easily during work preparation with the optimization software "intelliDivide Nesting." With the automatically calculated nesting patterns, you significantly reduce the material consumption.
- **Integrated processing data:** Each nested part is given a label. Every workpiece therefore has all the relevant information from the very beginning.
- **Flexible retrofit:** Easy to use in conjunction with all HOMAG nesting machines, regardless of the series and the year of manufacture.



Every woodworking shop takes care to produce as little waste as possible, because that quickly eats into their money. The nesting process aims to save as much material as possible. The Nesting Production Set therefore supports you on the one hand in the automatic calculation of your nesting patterns and places the individual components in the nest as close to each other as possible. This reduces your material consumption and saves costs. The optimization software also ensures continuous transparent processing by identifying and capturing workpieces individually. The set is perfect for retrofitting label printing to HOMAG CNC nesting machines.

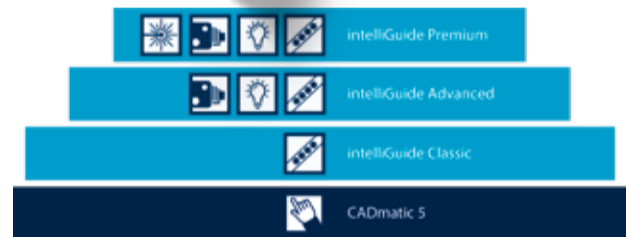
**Rich in content.**

The Nesting Production Set contains an app package, a label printer, including two rolls of labels, as well as the HOMAG CUBE, which connects the printer to the Internet or the apps. The app package includes the optimization software "intelliDivide Nesting," "productionAssist Nesting" for the labeling of nested components, the central material management "Material Manager" and "materialAssist Boards" for panel and offcut management at the workstation. Thanks to the instructions supplied, you can start commissioning immediately.

CUTTING-EDGE PRODUCTION

# Simply saw.

intelliGuide Premium relieves you of almost all the work.



To the film about intelliGuide

Will the cutting technology soon become so complex that only highly specialized machine operators will be able to handle the saw? We give a clear answer: no. intelliGuide not only supports trainees with their first work experience on the saw, but also guides experienced personnel through the cutting process step by step. This reduces waste and the number of errors.

The assistance system is modular. You can choose the range of functions flexibly and upgrade at any time. It becomes more intelligent with each stage of expansion: from intelliGuide Classic through Advanced, right up to Premium. Make your work easier with the amazing intelligence in the Premium package: innovative laser projections guide you to

the perfect cut. The assistance supports you with information directly on the workpieces in the working area. Simple symbols give you specific handling instructions. Depending on the processing progress, workpiece selection and alignment, you can see what to do next. The pictogram appears exactly when you need the information. It is projected onto the workpiece until the action has been performed correctly. The pictogram follows the workpiece and can even be seen when you change the position of the part. For every job, however demanding, intelliGuide Premium proposes an efficient solution.

**The benefits at a glance:**

- Completely intuitive machine operation
- Proven shorter throughput times and higher output
- Significantly reduced number of errors
- Fast processes
- Ergonomic, efficient processes
- Easy to change operator at any time

# Our eShop: All good things come in threes.

3% online benefit.  
Best price-performance promise.  
Free shipping.

## Special benefit for spare parts.

Do you currently require spare parts such as chain pads, suction units or valves? Then now is the perfect time to reorder them. As a customer from Germany and Austria, you currently save 3% on all spare parts when you order via our HOMAG eShop. In these countries, you also do not pay shipping costs on the delivery of spare parts – exceptions apply for express shipping as well as for bulky goods and dangerous goods. So you save twice. The spare part ordered will then be with you within 1–3 days.

We also give you our best price-performance promise on our original spare parts. We want to remain your number one, regardless of whether that's for machines, intelligent software or reliable service. That's why we give you our word: if you find spare or wearing parts cheaper from another supplier, we will refund you 100% of the price difference. Register at shop.homag.com and order spare parts, services and consumables online. As a registered user, you can not only see all prices transparently, but also create watch lists and save your shopping cart.

**"The range of spare parts is so extensive that I no longer have to order from different manufacturers."**

Gerhard Schieder, production manager at Panzer Shopconcept GmbH & Co. KG

## The benefits at a glance:

- **Almost everything in stock:** More than 15,000 original spare parts are available immediately.
- **No hidden costs:** Free shipping in Germany and Austria.
- **Guaranteed work quality:** Up to 12 months' warranty is given on each repaired part.
- **Fast delivery:** Delivery time 1–3 days for spare parts in stock, express orders placed before 15:00 are delivered the next day.
- **It doesn't get more convenient than this:** You can see your order history and create watch lists.

## WOOD WITH A FUTURE

# Robotics upgrade. At any time.

The FEEDBOT D-300 BASIC  
boosts your machine retrospectively.

Modernization is important. To avoid having to buy a whole new machine, the addition of individual automation components is an obvious alternative. For example, the FEEDBOT D-300 BASIC is the ideal solution for automating your existing drilling machines retrospectively. Since no cell control system is required for the connection, the integration of the robot into the system is very straightforward.

## The handling.

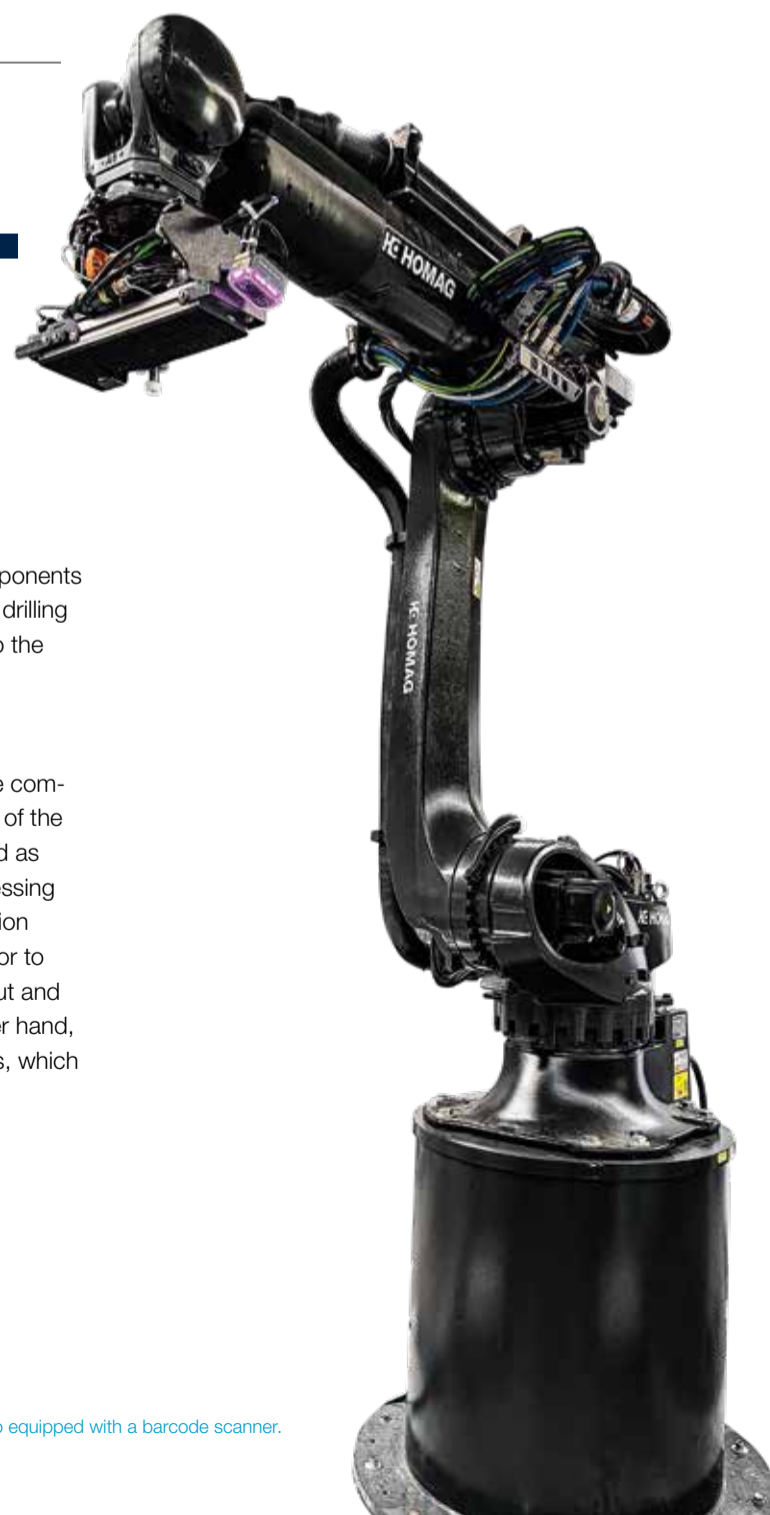
You operate the FEEDBOT D-300 BASIC via a smartPAD, where you can define all settings for production, data management and service. Thanks to the three different operating modes – single part, stack list and barcode – you can adapt the robot to your production plans flexibly.

## Added value in production.

The additional module of an inclined plane aligns the components to a zero point and thus makes the feeding of the parts reliable. In addition, the plane can also be used as a deposit position while the drilling machine is processing parts. The robot also contributes to making production processes even more flexible by allowing the operator to distinguish the stack layout individually between input and output stacks – precisely via smartPAD. On the other hand, the intelligent robot automatically detects pallet sizes, which considerably speeds up the processing.



Übersichtliche Verwaltung per Smartpad.



The gripper is also equipped with a barcode scanner.



CUTTING-EDGE PRODUCTION

# Sawing sustainably.

Intelligent cutting with the Measuring System Cutting Quality (MSQ).

Individual cutting for series production conditions? This is the strength of the SAWTEQ B-320 flexTec. The panel dividing saw cuts single panels individually, fully automatically and knows no limit even for recuts. Thanks to its high level of flexibility, the automation enables fully interlinked production lines without operator intervention. As a result, the cutting quality and condition of the saw blade are often detected only at the end of the production chain and thus far too late. In order to avoid expensive post-production,

the Measuring System Cutting Quality (MSQ) monitors the cutting automatically and in real time. The system checks at regular intervals to see whether edge breaks are occurring and whether material-specific and customer-specific warning and limit values are being observed. In short, using the MSQ ensures the quality of your end product at an early stage, saving time and costs for your production.

The benefits at a glance:

- **Objective and regular evaluation:** More frequent quality management and unique results interpretation with reduced operator interventions
- **Saw blade change as required:** With the MSQ, you can make use of the maximum saw blade life and at the same time increase availability
- **Avoid reject parts:** The material-specific limits minimize your post-production costs
- **The sky's the limit:** MSQ increases process reliability and offers potential for further process and cost optimization

To the new film  
Measuring System Cutting Quality (MSQ)



WOOD WITH A FUTURE

# They look like beer tankards, but they aren't.

The interchangeable containers allow adhesive to be changed by type.

The PUR and EVA hot-melt adhesives can be processed practically on the same machines and with the same application unit. What is new is that the interchangeable containers allow for a change of adhesive by type.

**The containers.** The previous interchangeable container used has proven itself for the processing of PUR cartridges. The other, newly designed interchangeable container is

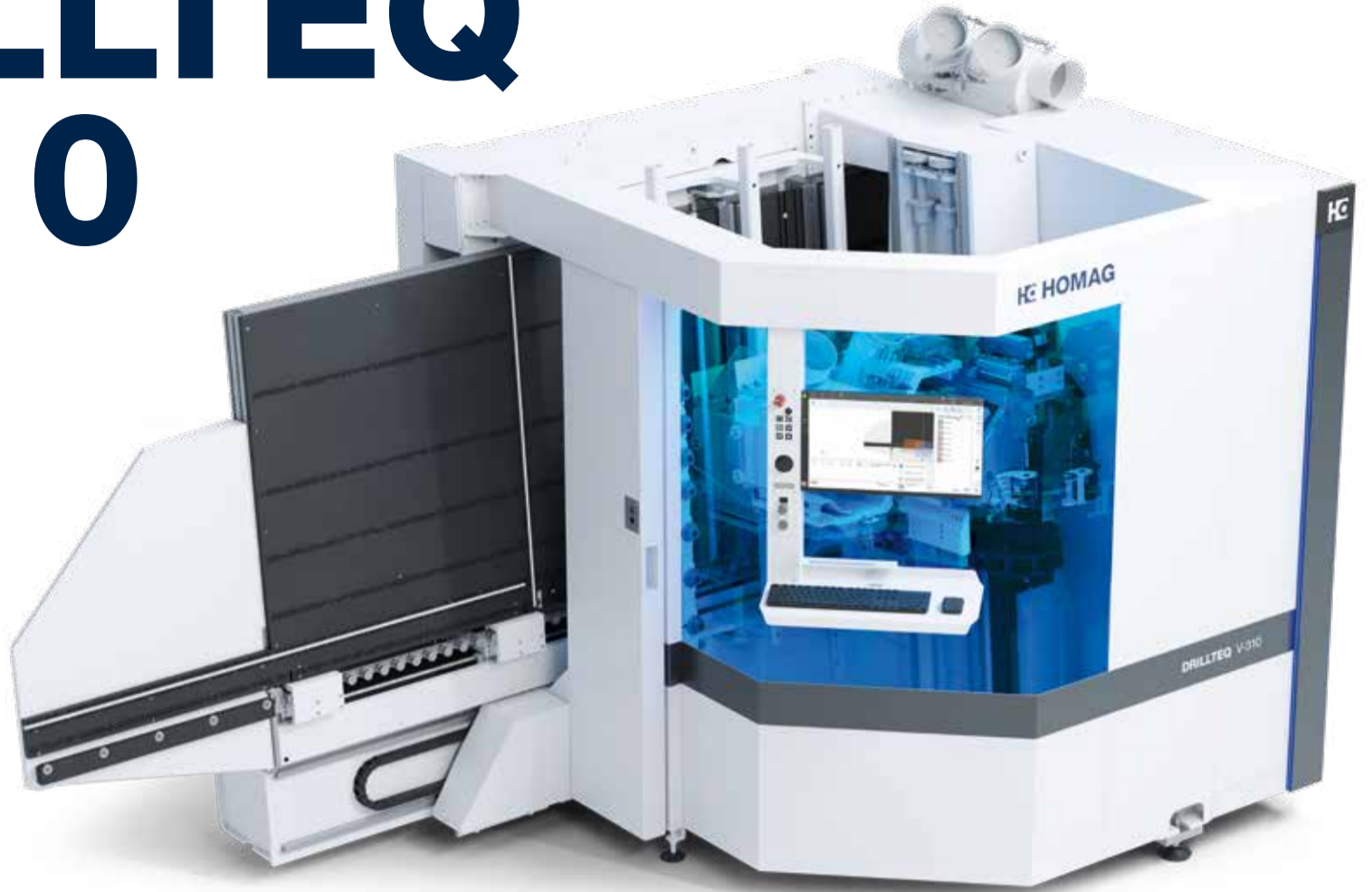
ideal for melting EVA granulate. Thanks to the ergonomically designed handles, you can quickly and easily remove the interchangeable containers from or insert them in the melting unit. This accommodating handling doesn't deceive when it comes to the core competence of the new adhesive containers. This is because they make the intermediate cleaning of the melting unit superfluous.



# DRILLTEQ V-310



Where could the DRILLTEQ V-310 be positioned in your workshop? Try it out. Simply scan this QR code.



## ROOT KNOWLEDGE

# The Raumwunder: The space-saving masterpiece – the name says it all.

The DRILLTEQ V-310 offers the maximum processing technology with minimum space requirements.

With the new vertical **DRILLTEQ V-310** CNC processing center, we are setting new standards. Comprehensive solutions for trimming, drilling, grooving and doweling, coupled with unique selling points on just 11 m<sup>2</sup> of space. Space and resources are often limited, especially in woodworking shops, and we are aware of this. In order to enable high-quality and individual CNC processing in the smallest possible space despite this, we have created a real space-saving masterpiece with the new complete solution.

Up to 45 drilling spindles, two swiveling groove saws, one doweling unit and a C axis with a unit interface offer a wide range of applications. The units can be easily combined in

the eight-slot tool changer and adapted to the application situation. This enables you to complete trimming and drilling jobs for classic furniture construction as well as for completely new requirements. Our space-saving masterpiece even processes room doors effortlessly.

As proven with other machines of the DRILLTEQ series from HOMAG, the workpieces are optimally held with two collet chucks without a vacuum when they are fed in. A simple tap on the foot switch panel is sufficient to clamp the workpieces ergonomically and without a vacuum.

### The benefits at a glance:

- **You save space:** With its 11 m<sup>2</sup>, the machine fits seamlessly into your operation.
- **High flexibility thanks to extensive equipment:** Depending on the equipment, use up to 45 drilling spindles, two swiveling groove saws, a doweling unit and a 10 kW trimming spindle with C axis and unit interface.
- **Meet customer demands more easily than ever:** Use all common types of furniture connectors – the space-saving masterpiece will do the necessary processing for you.
- **Save resources and money:** No setup time or vacuum is required for the clamping system.
- **Intuitive operator support saves manual steps:** The optical LED IntelliGuide system supports you during feeding and tool changing and thus optimizes the workflow.
- **Tool change made easy:** The eight-slot linear changer integrated in the access door opens to the machine operator.
- **Optimized operation:** The swiveling and height-adjustable monitor, the large panorama screen and the foot switch panel for clamping the workpieces support you optimally in your daily work.
- **HOMAG Group control concept:** Thanks to the uniform powerTouch system, you benefit from a uniform user interface for all HOMAG machines.
- **Safe operation through safeScan:** The infeed and outfeed are monitored invisibly and the machine stops when anyone enters this area. Thanks to the auto-quit function, production continues automatically when you exit.

