

Solutions for woodworking shops

Range 2025

Storage, saw, edge, CNC, packaging, assembly,
digital solutions, robotics/automation and service





Solutions for woodworking shops

Customers are making increasingly specific requests, and hardly any two pieces of furniture are the same. However, the demand for quality and precision remains unchanged. That's why woodworking shops need machines that they can rely on – both now and into the future.

HOMAG offers solutions that allow you to continue to produce items efficiently and in whichever way you want. Regardless of whether you are just starting out with an entry-level machine or are looking to add suitable components to your workshop – we will help you forge your path forward. We provide machines and technology for wood-processing businesses of any size, including software and service. As your business develops, so too do the machines and technology.

YOUR SOLUTION

[MORE AT HOMAG.COM](https://www.homag.com)



CONTENTS

04	Building living spaces
06	HOMAG for woodworking shops
14	Storage and automation systems
26	Panel dividing saws
40	Edge banding machines
62	CNC processing
82	Assembly technology and packaging
88	Software solutions for the woodworking industry
100	Networking solutions
110	Life Cycle Services

Building living spaces.

From furniture to homes: The future is built with wood.

Together, HOMAG, WEINMANN, SYSTEM TM and KALLESOE provide comprehensive production solutions for manufacturers of optimized timber, engineered wood, timber construction, interior fittings, furniture and more. With over 500 years of combined experience in machinery engineering, automation systems, and software technology, our focus is on building strong partnerships that enhance your productivity, precision, and profitability.

This is how we are Building living spaces. Together, with you.

HOMAG – YOUR SOLUTION





Worldwide living. We're close to you.

With a global market share of over 30% and around 7,000 employees, we develop solutions for woodworking worldwide. At 13 locations, we produce machines for furniture production and timber construction. With an expert network, we operate in over 100 countries and are your strong local partner.

As a solution provider, HOMAG combines a wealth of experience in timber house construction (WEINMANN), consulting at eye level (SCHULER Consulting) and the use of high-performance software (granIT). With the bundled expertise of the SYSTEM TM and KALLESOE brands, we also consistently round off our range in the solid wood sector.

Extensive experience:

>400 years
in the industry

Innovative strength:

>1.300
patents

Market leader:

~30 %
world market share

A strong team:

~7.000
employees worldwide

Worldwide production:

13 factories
from global to local

Attractive solutions:

1,6 billion €
turnover worldwide

Great trust:

>100.000
customers worldwide

Innovative future:

>500
engineers worldwide

Expertise near you:

>80
locations worldwide,
through exclusive partners
or HOMAG's own sales
and service companies

You handle the wood, we'll handle the code

Digitalization here, transformation there. Digital change is knocking at the door, and it means business. But change offers new opportunities – and it doesn't necessarily have to be a bad thing. Carpentry workshops in particular do not have to become fully automated industrial businesses to maintain their competitive edge. HOMAG can help you by providing the appropriate stepping stones to bring your business new opportunities. We are more than happy to hold an individual discussion with you to find out which solution is most suited to your needs.

Get started.

Achieve transparency, identify potential and improve your existing processes with the right entry-level solutions.

Adapt one step at a time.

Increase your productivity with automated machines or embedded autonomous production cells.

Automate as needed.

Ensure highly efficient production along the entire value creation chain with integrated production solutions that extend from order to delivery.

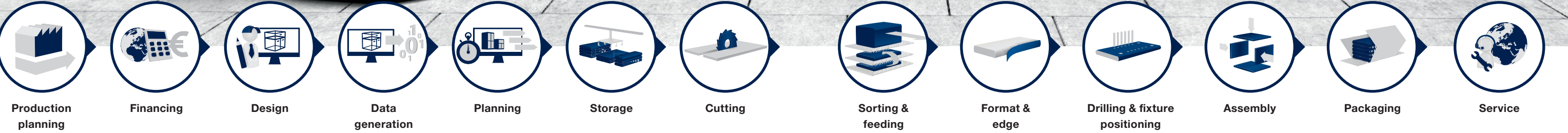
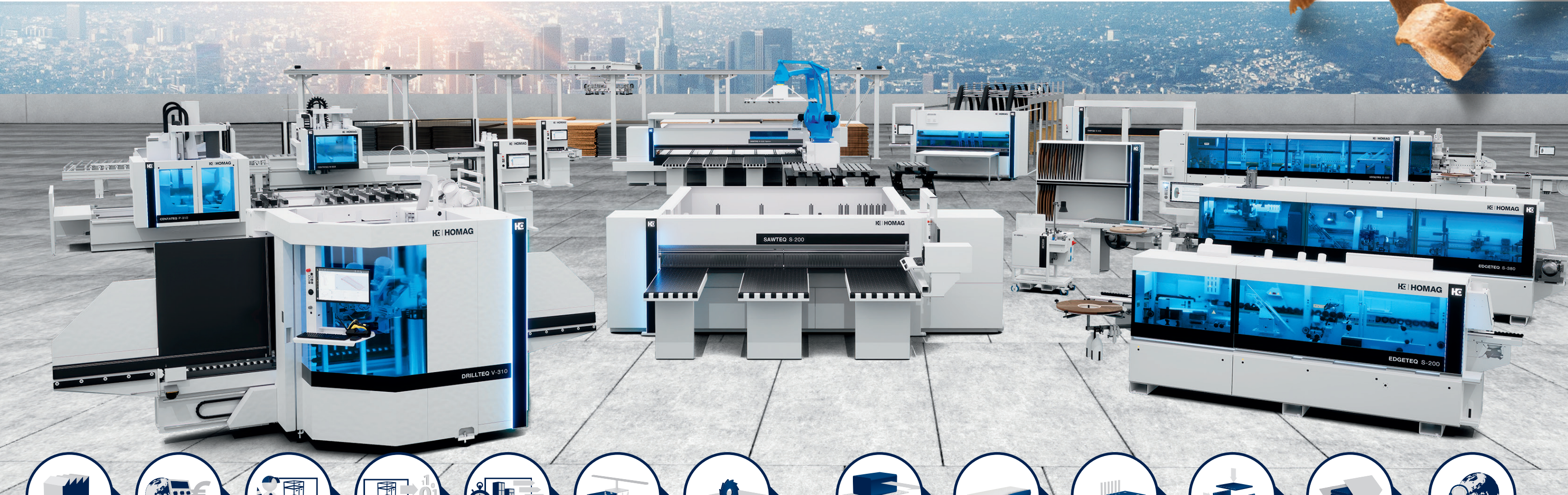


The software solutions from HOMAG provide you with optimal support along the entire process chain. From the CAD/CAM solution, through the cutting optimization, to apps and digital assistants, we offer you a holistic, modular solution that is perfectly adapted to your needs.

It all comes from wood

The question of how to achieve even greater success in the future is one that joiners and carpenters are faced with on a daily basis. Our portfolio provides the perfect answer: handling systems, panel dividing technology, dimensioning and edge processing, drilling systems, automation systems and software. HOMAG covers the complete process chain for the production of furniture and components.

As a manufacturer of individual machines and complex production systems, we have amassed a wealth of experience over the decades. This means that you can now benefit from services such as consulting, planning, financing, production, automation, processes, assembly and packaging – with HOMAG, the customer gets everything from a single source. For you, this means a high level of precision, innovative technology and coordinated components, allowing you to achieve long-term success.



Always a standardized control system

powerTouch2

The next generation: faster, clearer and more convenient.

If a company's systems are too complex, that company will lose valuable time. That is why HOMAG machines are designed so that their control system is intuitive and reliable. The next step toward user-friendliness is our powerTouch2 touch interface, which we have been developing continuously. We have optimized our standardized operating concept even further and adapted it to your requirements. Now you can control your HOMAG machines even faster and more intuitively. With its clear design, powerTouch2 has been designed to allow you to achieve the desired result easily and conveniently.



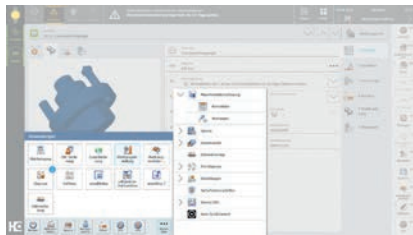
Even clearer.

- Clear structure: Software modules provide all the relevant information for the machine status at a glance
- Both standardized and attractive in terms of design and construction: You can control different HOMAG machines in the same way
- Fewer operating errors, greater efficiency
- For improved remote maintenance, use our sR Bridge, the direct route to our capable remote service. Compliant with security standards.



Even faster.

- 30% time saving: powerTouch2 enables faster input
- Sentences are constructed in seconds with automatic word completion
- You can intervene at any time with the pop-up keyboard
- The "Start" button enables common actions to be accessed quickly, just like Windows



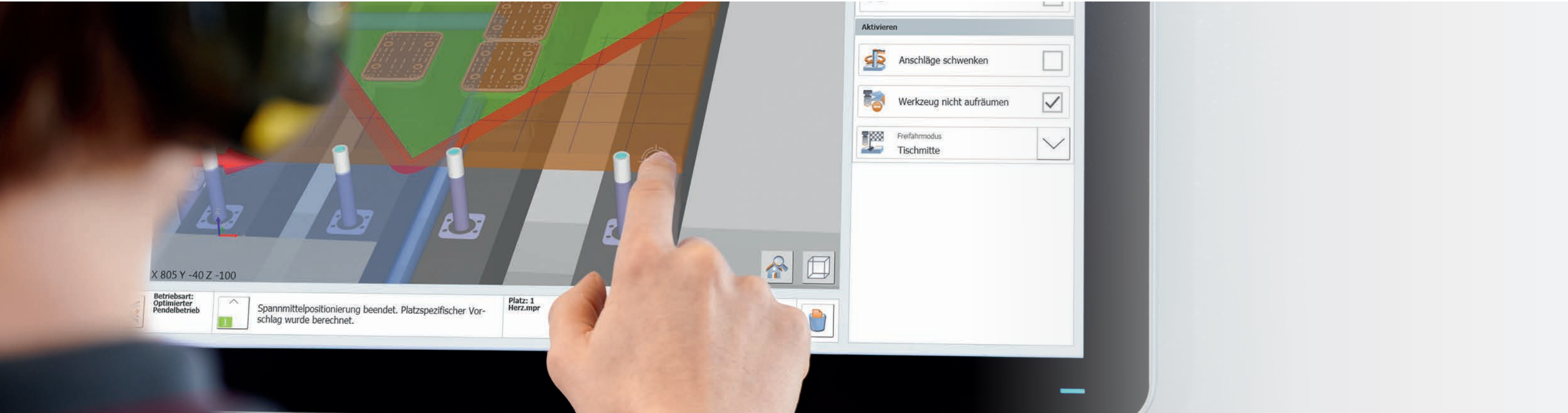
Even more convenient.

- Direct and reliable: You control the machine via the touchscreen monitor on the ergonomic powerTouch2 operating panel
- The optimized traffic light dialog lets you save even more time
- Direct and immediate operation in the "Start" menu: By holding the cursor on the program icons for a few seconds, you can execute actions immediately as well as display them
- More transparency, less searching: Preview images and additional information instead of simple program icons



Even more intuitive.

- Tailored to your needs: design and function combined in a single control system
- Incredibly simple machine operation: powerTouch2 is similar to the operating concepts of smartphones and tablets
- Intuitive and time saving: gesture control through zooming, swiping and scrolling
- Even beginners will feel immediately at ease and will soon be able to control the machine comfortably





Always in stock: the right solution.

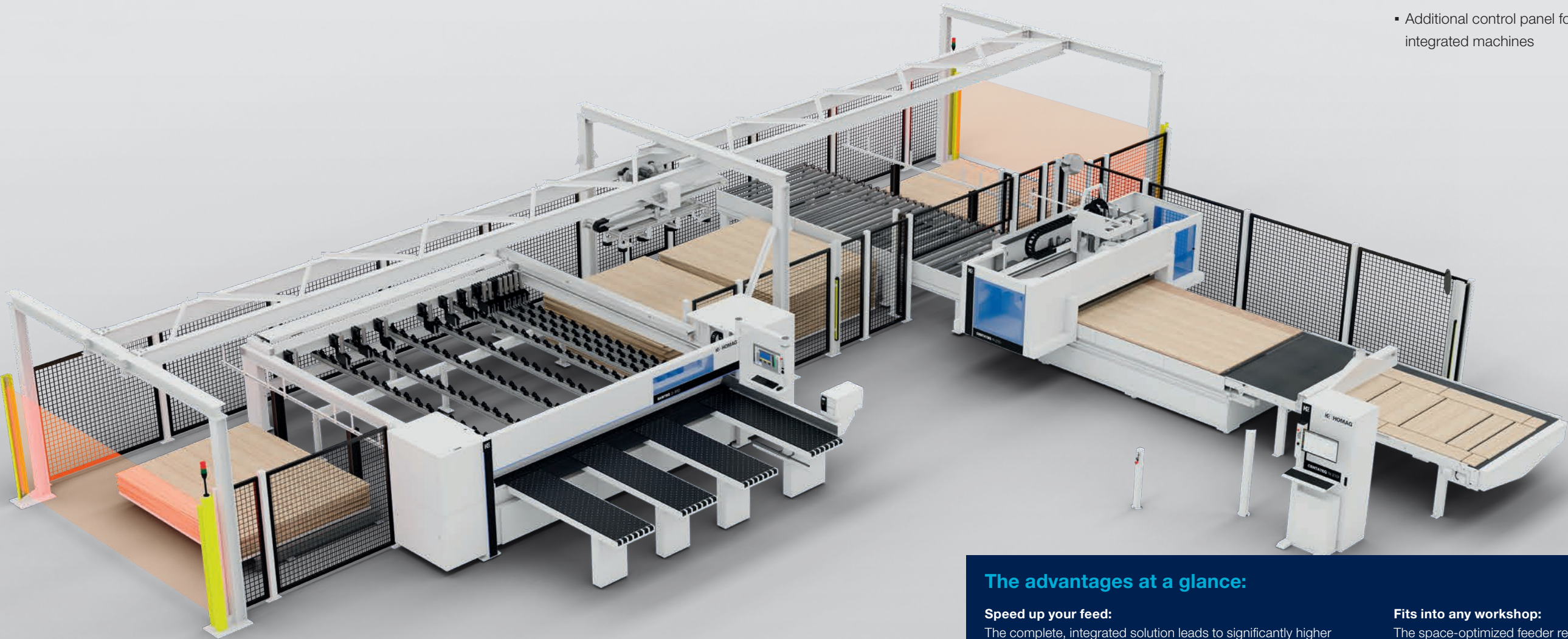
Storage and feed systems for woodworking shops.

Our storage and feed systems take care of the logistical requirements at the start of your process chain. Feedback from our customers clearly demonstrates that our systems result in better organization, a transparent overview of stock levels and a measurably improved material requirement.

Smart feeding together. Save material. Save space.

Efficient, ergonomic, material-friendly: The HOMAG STORETEQ F-100 single-axis feeder is an asset to every aspect of the production line and it does not take up much space either. The control system is particularly simple and intuitive. It includes manual offcut handling directly at the saw or the CNC via woodStore. Using vacuum suction units, the STORETEQ F-100 fetches the next panel required from the stacking position adjacent to or behind the machine, turns the material if needed, then places it in the saw or on the CNC, all on a just-in-time basis. All fully automatically.

With the newly developed layout concept, the STORETEQ F-100 can be used with a standard clamping width of up to 12 m without additional intermediate suspensions or cross struts – for optimum space utilization in your production.



HOMAG STORETEQ F-100 single-axis feeder

Panel dimensions, stack position (mm)	Panel length (mm)	Panel width (mm)	Panel thickness, coated (mm)	Speed (m/min)	Unit weight of panels (kg)	Stack height (mm)	Performance
3200 x 2200 / 4200 x 2200	2000 to 4200	600 to 2200	8 to 40	Carriage: 80 Lifting drive: 25	Max. 250	1800 (optional: 2100)	1 to 2 cycles/min from the first stack

Illustrations may show the technical principle but not the precise machine variant described. Optional features, for example, may be shown.

Standard feature(s)

- Basic structure for gantry version
- Traveling lifting device with suction traverse
- Rotating unit for up to 90° rotation
- Automatic weight determination
- Automatic length adjustment of the suction traverse

Optional feature(s)

- Stack positions available in 3200 mm or 4200 mm panel length
- Additional storage positions possible
- Expandable to up to 8 stations, of which
 - Maximum of 3 processing machines
 - Maximum of 4 storage return positions
- Additional control panel for several integrated machines

The advantages at a glance:

Speed up your feed:

The complete, integrated solution leads to significantly higher saw or CNC nesting machine performance. Additional benefit: Less time needed for panel processing means more time for other value-adding activities.

Fully automatic panel handling:

A continuous process increases your productivity and saves time.

Material-friendly transport:

The single-axis feeder ensures your panel quality.

Fits into any workshop:

The space-optimized feeder requires hardly any installation space.

More ergonomic:

The automatic feed makes work easier.

Standard interface:

All machines are already configured and ready for use – without any additional service support.

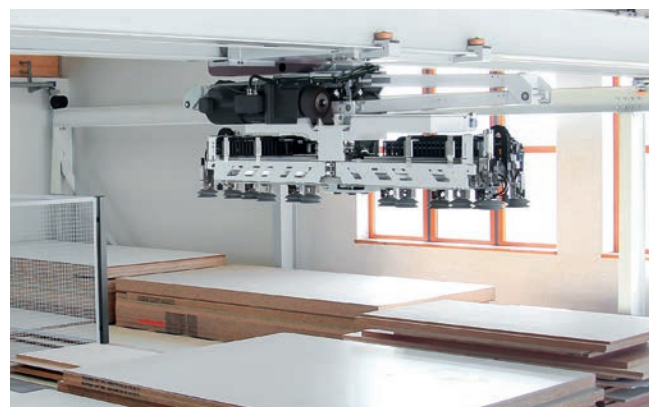
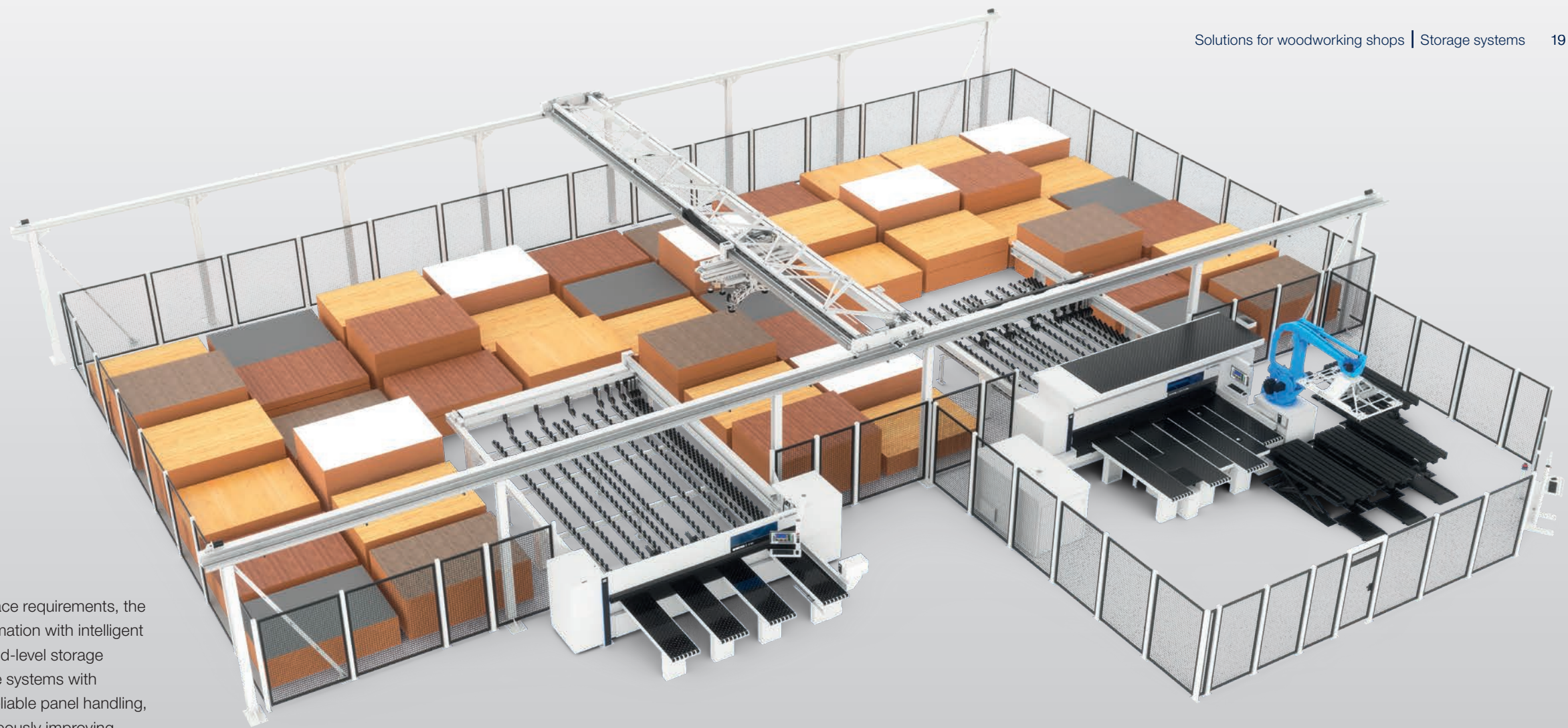
Intuitive operation:

You can operate the feeder conveniently via woodStore directly at the saw or the CNC.

Growing together.

The all-in-one solution for your storage system.

Whether it's a large range of parts, high speeds or minimal space requirements, the HOMAG STORETEQ portfolio combines the strengths of automation with intelligent logistics – from a single-axis feeder, to storage systems, second-level storage systems, double-level storage systems right through to storage systems with two bridges. This results in noticeable optimization effects in reliable panel handling, intuitive operation and higher material utilization while simultaneously improving sustainability – all thanks to the consistent use of the **woodStore 8 storage software**.



HOMAG offers two suction traverses (ST61 and ST71) for storage systems as standard. Both suction traverses are self-learning and generate the data required for panel handling independently. They are also equipped with integrated weight control, panel correction and efficient vacuum generation, ensuring precise, safe and efficient material handling and an accurate, high-quality production process.

- **Efficient material flow:** Safe panel transport without unnecessary travel paths and gentle handling without searching for panels save time and space – even when handling a wide range of materials.
- **Fast delivery times:** Timely material procurement, provision and optimized processes increase efficiency.
- **Sustainable material management:** Offcuts are organized and automatically managed via the offcuts storage or are returned to the storage system.
- **Gentle panel handling:** Reliable panel separation and safe handling using a vacuum on the suction traverse.
- **Intuitive operation:** Intelligent operating and analysis functions and proactive support thanks to setting recommendations.
- **Simple integration of one or more processing machines:** Standardized interfaces and uniform data integration and processing.



Wide range of materials

Whether plastic, plexiglass or laminate, coated or uncoated panels, the STORETEQ P-300/P-500 is also a true all-rounder when it comes to handling panels.

- Panel weights up to **350 kg** and panel lengths up to **5600 mm**
- Smooth transport even of textured surfaces
- High double scissor stability for precise panel handling
- Handling plastic panels



STORETEQ P-510/P-520 – flexibility and range of materials combined into one storage system

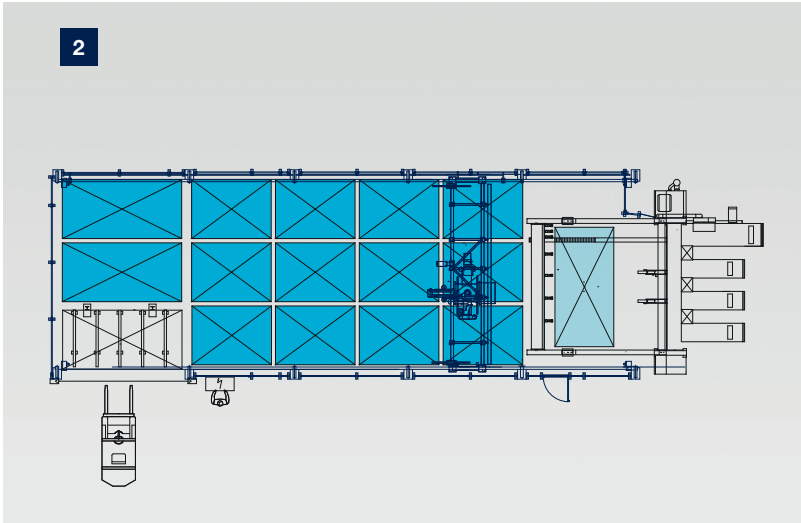
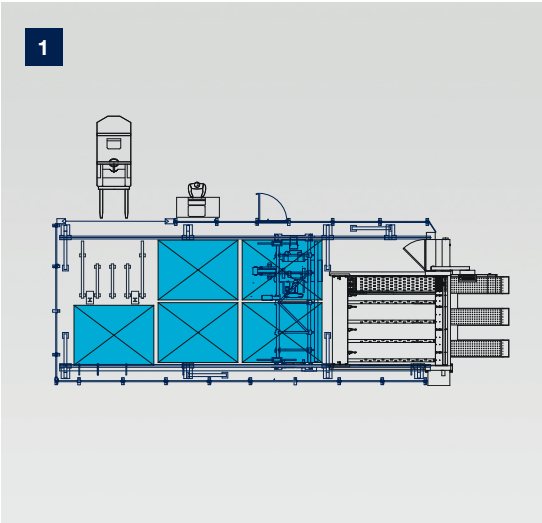
The STORETEQ P-500 allows even greater flexibility in length and width.

- Spans of up to **16 m** and travel path lengths of up to **100 m**
- Controlled, low-vibration movements, even in the largest version

Intelligent logistics is one of the keys to success

HOMAG storage systems are intelligent all-rounders that meet all your needs. Across all levels of production, the flow of material is optimized, stocks are managed transparently and processing machines are used in an optimal way.

Start reaping the benefits now! Production capacity is increased, personnel and quality costs are lowered, and order processing becomes quicker and more flexible and economical.



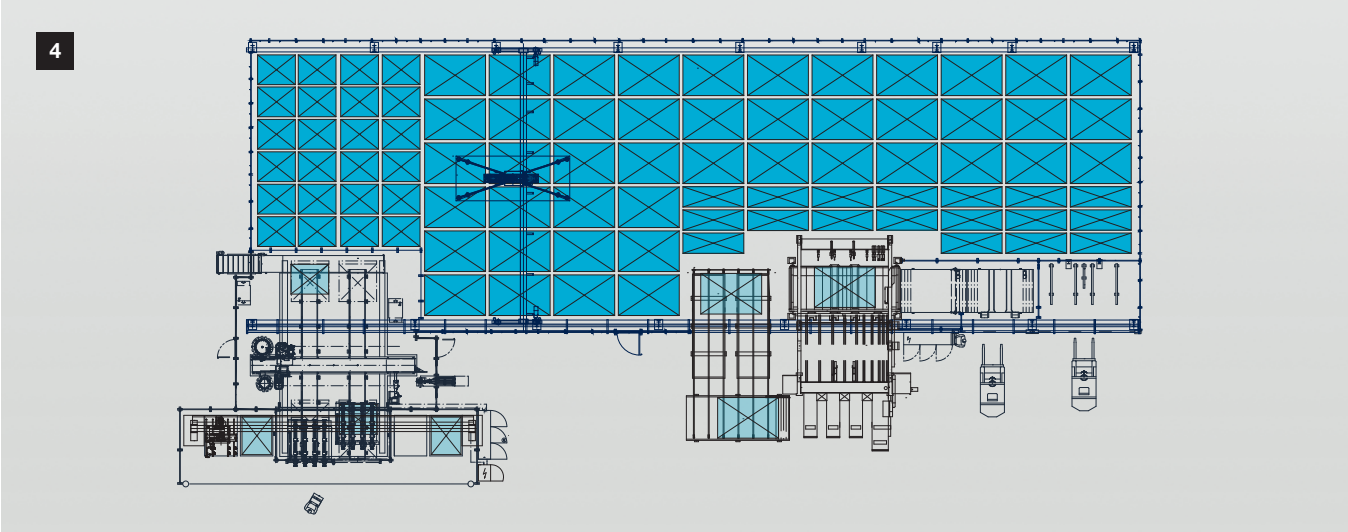
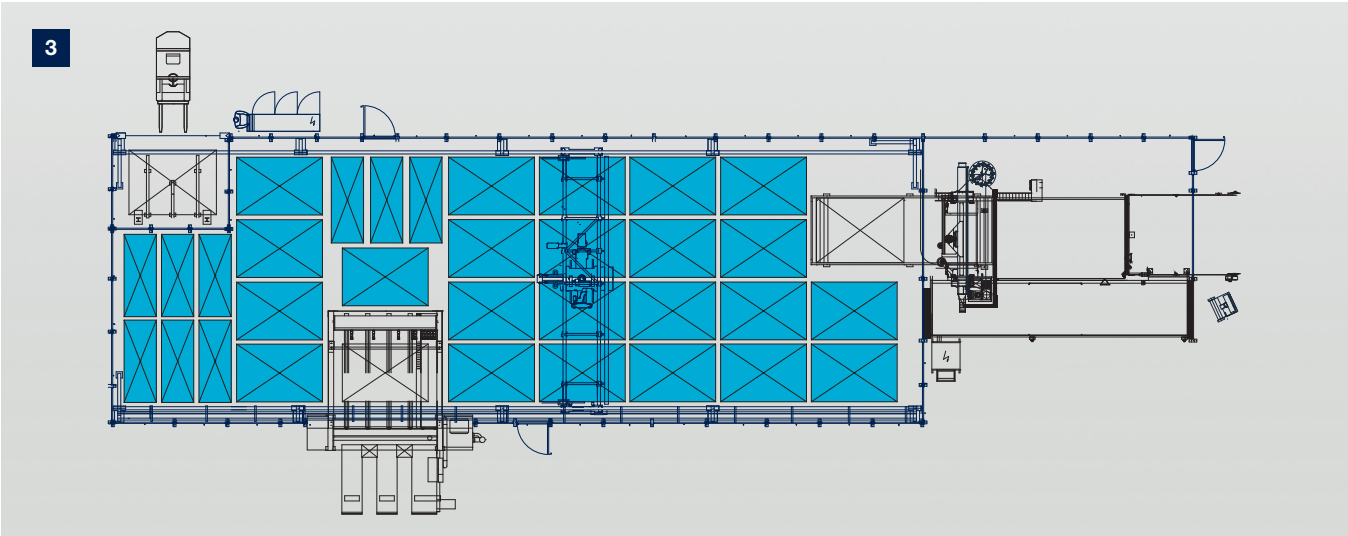
1 Storage and saw with 5 stacking positions

Users include those working in

2 Storage and saw with 14 stacking positions

Users include fitters

STORETEQ P-300/P-500 STORAGE SYSTEM		
	Standard feature(s)	With additional equipment
Span width (mm) P-300	5000	12000
Span width (mm) P-500	5000	16000
Frame length (mm) P-300	10000	50000
Frame length (mm) P-500	10000	100000
Speed		
Bridge (m/min)	60	130
Carriage (m/min)	80	120
Lift drive (m/min)	30	45 without double scissor lift mechanism 65 with double scissor lift mechanism
Workpiece length (mm)	2000 – 4200	max. 5600
Workpiece width (mm)	800 – 2200	min. 400
Workpiece thickness, unprocessed chipboard (mm)	6 and higher	
Workpiece thickness, MDF (mm)	3 and higher	
Workpiece thickness, coated panels (mm)	0.8 and higher	
Workpiece weight (kg)	250	350
Stack height (mm)	2100	2500



3 Storage with saw and CNC processing with more than 20 stacking positions

Users include those working in trade fair and shop construction, suppliers

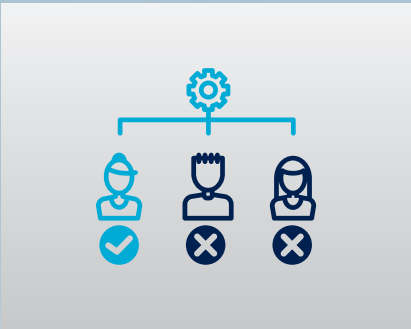
4 Storage with saw and processing center with more than 30 stacking positions

Users include kitchen and furniture manufacturers working on an industrial scale

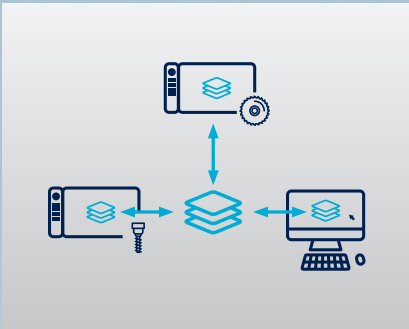
woodStore⁸

Smart storage software. Intelligent panel management.

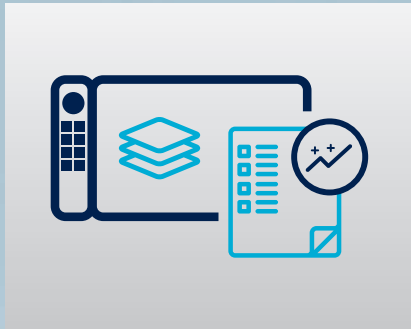
What makes woodStore a leading storage control system?



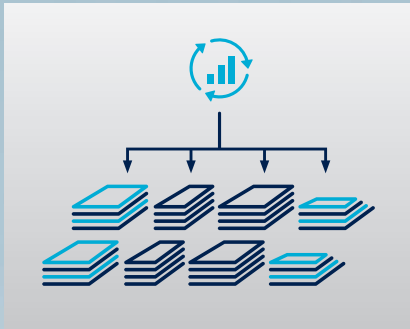
User management
Person-controlled storage operation with up to 40 different user rights and an unlimited number of user interfaces – at the saw, nesting machine or in the office.



Multiterminal interface
An unlimited number of user interfaces creates full transparency and optimal work processes. Whether on the saw, the nesting machine or in the office, the storage interface is completely accessible at all times and can be used in parallel depending on the access rights.



quickTip
Proactive setting recommendations, centrally in one place in woodStore, lead to optimal storage management and smooth processes.



Flexible storage organization
Flexible and customer-specific assignment and division of panels and storage positions into meaningful groups, including selection of the storage strategy. This means that the storage system adapts optimally to individual requirements while making maximum use of the storage capacity.



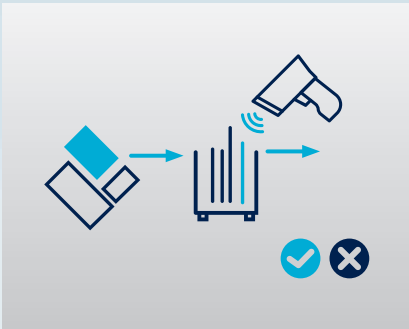
intelliStore
Permanent monitoring of all storage movements and automatic adaptation to current production conditions.



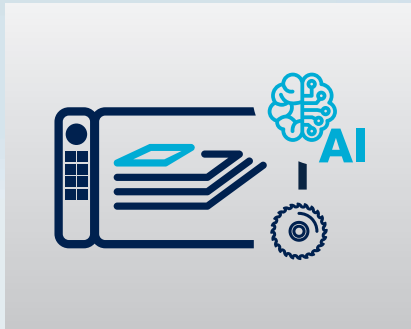
woodStore Analyzer
In a period that can be specifically defined, the main functions of the storage system are examined and analyzed according to the customer's requirements in order to determine whether the storage system is being used optimally and efficiently.



Management of external storage
Central management of cantilever racks (block storage, external storage) in realistic 3D view including forklift operator management.



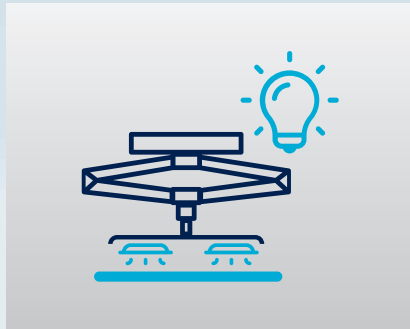
Scrap management
Automatic storage of offcuts from the saw and/or nesting with integrated measurement of the panels during the material intake process and management of manual offcuts in an external offcuts storage.



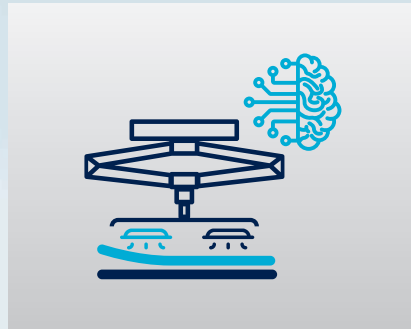
IntelliStore AI – offcuts
Automatic storage of offcuts on defined stacks of panels distributed across the storage system optimizes the use of space and reduces storage movements by up to 40%.



FlexSortPlus pre-sorting
Advance removal from storage everywhere in the storage system, e.g. at storage return positions and storage positions that are not required, and automatic generation of advance removal from storage orders from ongoing production or the program sequence of the processing machine improve the storage organization and efficiency.



Intelligent vacuum management
The suction traverse measures the parts in three axes with every movement and generates the data required for panel handling by defining only two panel properties (surface and rigidity) – this ensures dependable process reliability.



Smart Separation Learning
Fully automatic panel separation that requires only two panel handling settings.

Further automated feeding at a glance



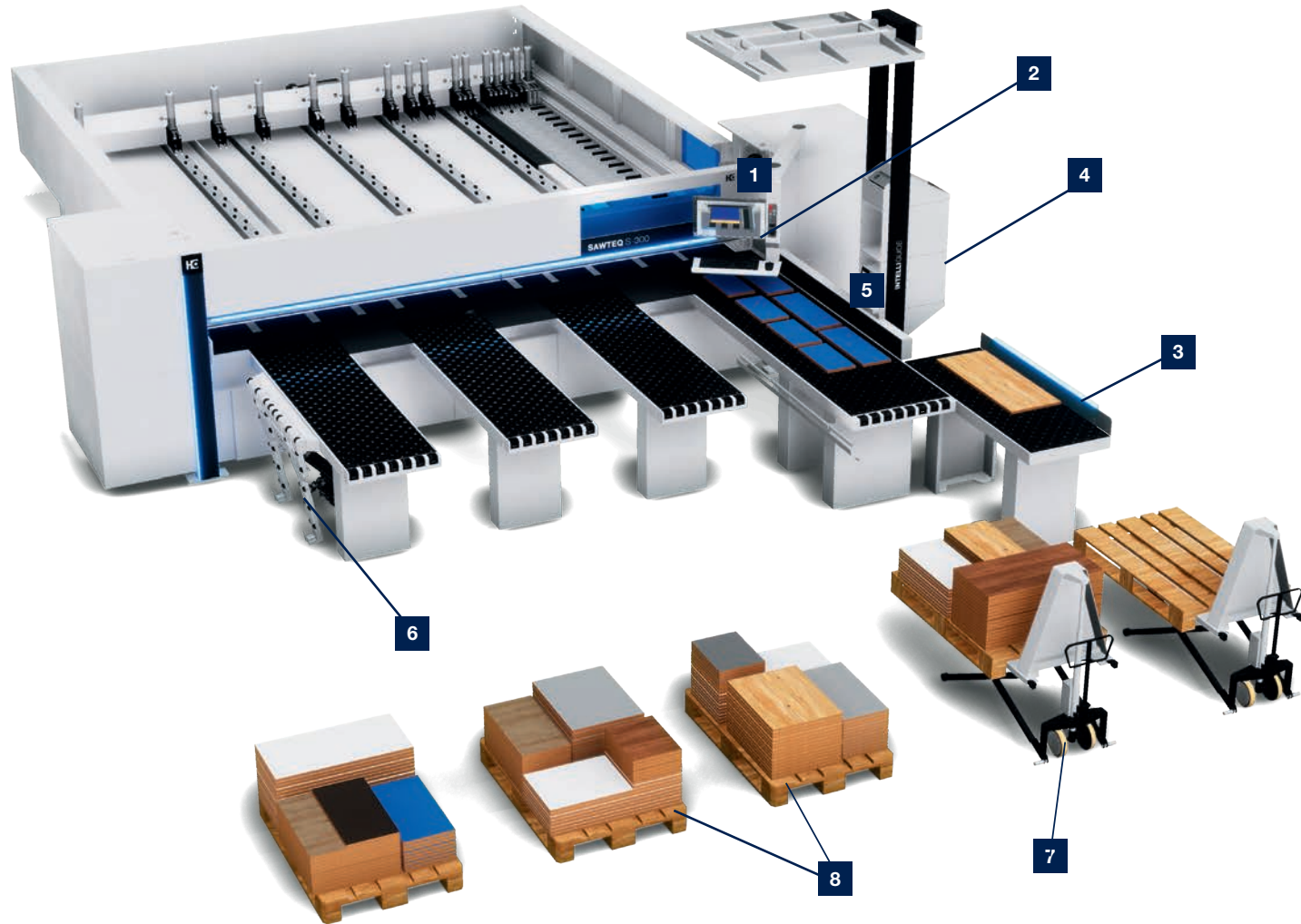
Easy2Feed

Small price, low space requirement

Easy2Feed is a particularly simple variant for automatic feeding of single saws from the SAWTEQ S-100 (cutting length 3800 mm) that can be retrofitted at any time. At the heart of the machine is a compact scissor lift table. This is integrated in the rear machine table of the saw and can deal with panel sizes up to 3100 x 2200 mm. It can conveniently be loaded by fork-lift truck. The system saves time, requires little space, improves ergonomics and increases the performance of the saw. If desired, the lifting table can be installed in a pit. This enables a significantly higher load with stack heights of up to 800 mm and a maximum total weight of up to 3 t.

Destacking concept for zero errors – even with mixed stacks

The destacking concept guides the operator from depositing the first part to forming the perfect stacked pallet. This has been achieved by combining software and hardware in an overall concept. The software shows machine operators when and where they should stack each particular part. You select the appropriate hardware components according to your requirements. Altogether, this adds up to improved efficiency and ergonomics for all work steps. Times and routes that do not add value are systematically reduced.



- 1

Destacking software as add-on module for CADmatic 5
- 2

Label printing with destacking details – using the manual label printer or the automatic label printer near the pressure beam
- 3

Ergonomic parts buffer
- 4

Waste container
- 5

Chopping edge
- 6

Pneumatically operated feeding and destacking aid on the long side of the air cushion table
- 7

Scissor lift pallet truck "HuGo"
- 8

Intelligent stack formation

[MORE AT HOMAG.COM](#)



Material in motion

A woman with blonde hair tied back, wearing large black headphones and a dark blue long-sleeved shirt, is smiling and looking towards the camera. She is standing behind a large, light-colored wooden panel. In the background, there is a large industrial machine, a HOMAG panel dividing saw, with a computer monitor mounted on it. The monitor displays a 3D CAD interface with a blue and yellow rectangular block. To the left of the monitor, there is a control panel with a red emergency stop button and several smaller buttons. The machine has 'HOMAG' and 'SAWTEQ 8-300' printed on it. In the far background, another machine labeled 'pico 108' is visible.

Be a cut above the rest.

Panel dividing saws for woodworking shops.

Every business has different requirements when it comes to the saws they use but one thing is always the same: the saw must operate precisely. Whether it's a single saw, lifting table saw or angular saw unit; whether you've added extras or use just the basic equipment — our panel dividing saws let you process orders quickly, cost-effectively and in whichever way you want.

Single saws at a glance



SAWTEQ S-100

The perfect introduction to precision cutting

The smallest HOMAG panel dividing saw costs little more than a well-equipped circular saw, but cuts are performed semi-automatically thanks to optimized cutting patterns and program-controlled workpiece positioning. It is also possible to cut packages.



SAWTEQ S-200

For those who want to get off to a good start

The SAWTEQ S-200 has everything you need for cutting in woodworking shops: power, precision and flexibility. This is also evident in the expansion options: for example, you can increase the performance of the saw with a simple storage control connection.



SAWTEQ S-300

Maximum versatility

The saw combines performance, speed and reliable technology with intelligence and digital, self-learning functions. This is reflected, among other things, in an increased performance level with lower energy consumption and significantly improved ergonomics. Whether it's cutting books, thin panels, special materials or batch size 1 with an automatic storage control connection: The SAWTEQ S-300 leaves nothing to be desired when it comes to processing versatility.



SAWTEQ S-400

Has room for extra-high books of panels

You can equip the SAWTEQ S-400 individually according to your requirements – with all the freedom you need, just like the SAWTEQ S-300. What's the difference? Instead of 80 mm or optionally 95 mm, the SAWTEQ S-400 scores points with even higher saw blade projections of 100 mm or 125 mm.

Technical data*

Single saw	Saw blade projection (mm)	Cutting lengths (mm)	Program fence speed (m/min) **	Saw carriage feed (m/min)	Main saw motor (kW)
SAWTEQ S-100	65	3200 / 3800 / 4300	Up to 60	Up to 60	5.5 (optional 7.5 / 9.2)
SAWTEQ S-200	65 (optional 80/95)	3200 / 3800 / 4300	up to 80	Up to 80 (optional: 120)	7.5 (optional 9.2 / 11 / 18)
SAWTEQ S-300	80 (optional: 95)	3200 / 3800 / 4300 / 5600	Up to 90	Up to 150 (optional: 170)	50 Hz: 11 (optional 18 / 24) 60 Hz: 11 (optional 21 / 28)
SAWTEQ S-400	110 (optional: 125)	3200 / 3800 / 4300 / 5600	Up to 90	Up to 150 (optional: 170)	50 Hz: 18 (optional 24) 60 Hz: 21 (optional 28)

* Values relate to the standard features
** Forward 25 m/min

Illustrations may show the technical principle but not the precise machine variant described. Optional features, for example, may be shown.

Overview of lifting table saws



SAWTEQ S-210 with lifting table

Manual or automatic – the choice is yours

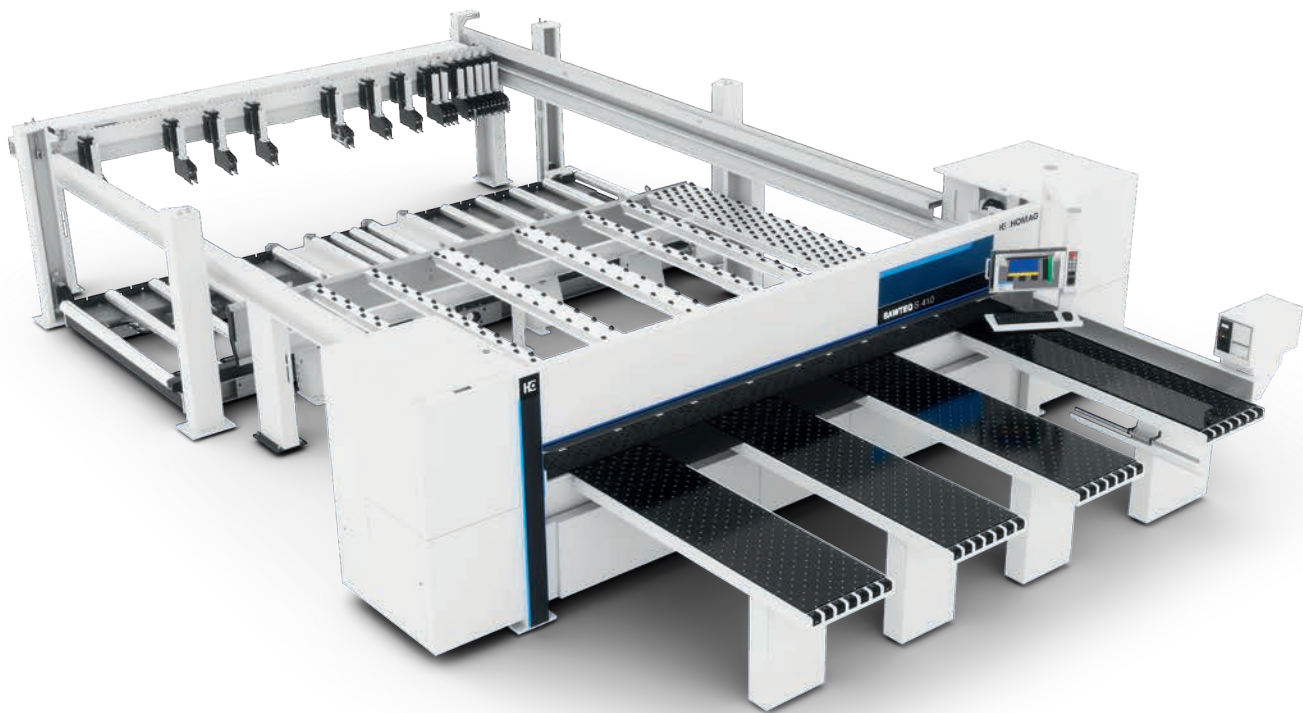
Equipped with an integrated lifting table, the SAWTEQ S-210 can also be fed from the rear – controlled by the program and in line with the saw cycle. This is significantly more ergonomic, faster and more efficient than feeding solely manually from the front. The flexibility is that this saw allows you to use both feed variants equally – depending on the job.



SAWTEQ S-310 with lifting table

The classic saw with extra power

The SAWTEQ S-300 is the classic HOMAG saw. It has extensive equipment with almost limitless expansion options. The same applies to the SAWTEQ S-310 with integrated lifting table. It enables automatic feeding from the rear, thus speeding up cutting and increasing throughput with greatly improved ergonomics.



SAWTEQ S-410 with lifting table

For fast-paced cutting

Are you looking for a high-performance saw for processing larger volumes of panels in finished cut quality? Then the SAWTEQ S-410 with lifting table is perfect for your business. The saw combines automatic feeding via the rear machine table with a large saw blade projection. This makes it highly productive and fast in cutting.

Technical data*

Single saw with lifting table	Saw blade projection (mm)	Cutting lengths (mm)	Program fence speed (m/min) **	Saw carriage feed (m/min)	Main saw motor (kW)
SAWTEQ S-210	65 (optional 80/95)	3200 / 3800 / 4300	up to 80	Up to 80 (optional: 120)	7.5 (optional 9.2 / 11 / 18)
SAWTEQ S-310	80 (optional: 95)	3200 / 3800 / 4300 / 5600	Up to 90	Up to 150 (optional: 170)	50 Hz: 11 (optional 18 / 24) 60 Hz: 11 (optional 21 / 28)
SAWTEQ S-410	110 (optional: 125)	3200 / 3800 / 4300 / 5600	Up to 90	Up to 150 (optional: 170)	50 Hz: 18 (optional 24) 60 Hz: 21 (optional 28)

Illustrations may show the technical principle but not the precise machine variant described. Optional features, for example, may be shown.

* Values relate to the standard features
** Forward 25 m/min



For full cutting flexibility

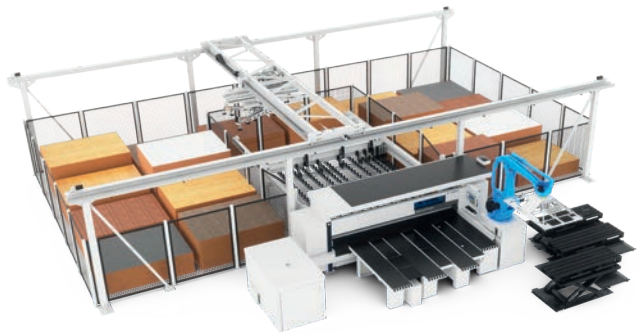
SAWTEQ S-200/S-300/S-400 flexTec robot saws



SAWTEQ S-200 flexTec

The robot saw for woodworking shops

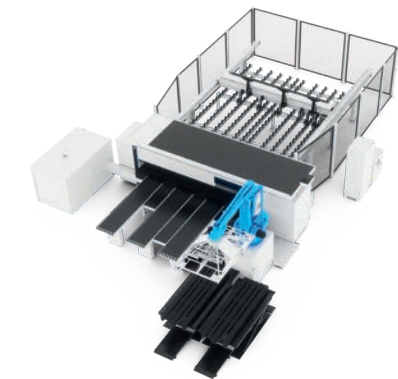
The SAWTEQ S-200 flexTec is cost-effective and automatic. It sets new standards in cooperation between people and machines, especially for woodworking shops and medium-sized businesses. The saw automates horizontal panel dividing, but offers maximum flexibility with manual operation at the touch of a button. It is also an affordable solution for smaller businesses.



SAWTEQ S-300 flexTec

Robot performance meets manual operating freedom

The SAWTEQ S-300 flexTec can easily be operated manually for cutting books or dividing thin panels and special materials. Just like any other panel dividing saw. The difference: If required, this saw allows you to cut individual panels without any personnel at all over a long period of time using a robot. Simply by switching to automatic mode. The SAWTEQ S-300 flexTec is available either as a single saw or as a single saw with a lifting table – depending on the requirements profile and production strategy.



SAWTEQ S-400 flexTec

Even handles tall books of panels

With saw blade projections of 110 mm or optionally 125 mm and a main saw motor that is significantly stronger in the standard version, the SAWTEQ S-400 flexTec offers even more freedom than the SAWTEQ S-300 flexTec. For example, significantly higher books of panels can be divided in operator mode. This increases throughput and power while maintaining a consistently high robot performance. Just like the SAWTEQ S-300 flexTec, the SAWTEQ S-400 flexTec is also available as a single saw or as a single saw with lifting table.

Technical data*

Robot saws	Technical data Basic machine	Panel size (mm)	Part size (mm)	Panel thickness (mm)	Productivity	Weight of boards	
SAWTEQ S-200 flexTec	See "SAWTEQ S-200 single saws"	3200 x 2100 (optional 4200 x 2100)	max. 2800 x 1200 min. 190 x 80	max. 30, min. 8	up to 850 parts/shift	max. 125 kg	
SAWTEQ S-300/S-400 flexTec	See "SAWTEQ S-300 / S-400 single saws"	3200 x 2100 (optional 4200 x 2100)		max. 60, min. 8	up to 1000 parts/shift		
SAWTEQ S-310/S-410 flexTec	See "SAWTEQ S-310 / S-410 single saws with lifting table"	3200 x 2100					

* Values relate to the standard features



Intelligent destacking

The specially developed destacking software with intelligent algorithm ensures long sections of unmanned robot saw operation.

Clever and highly automated

The finished parts exit the saw in the order in which they are cut.

The robot systematically forms stable stacks. It also makes use of the part buffer during the destacking process. This means that the lifting tables are used more intelligently than ever to form perfect stacks.

The cutting cell is equipped with a surface scanner. It measures the height of the stacks of parts on the lifting tables in real time so as to ensure that the lifting tables are positioned at the ideal height.

Raising the destacking lifting tables prevents collisions when destacking parts and enables significantly tighter positioning. This means that up to four large destacking lifting tables can be positioned within access of the robot.

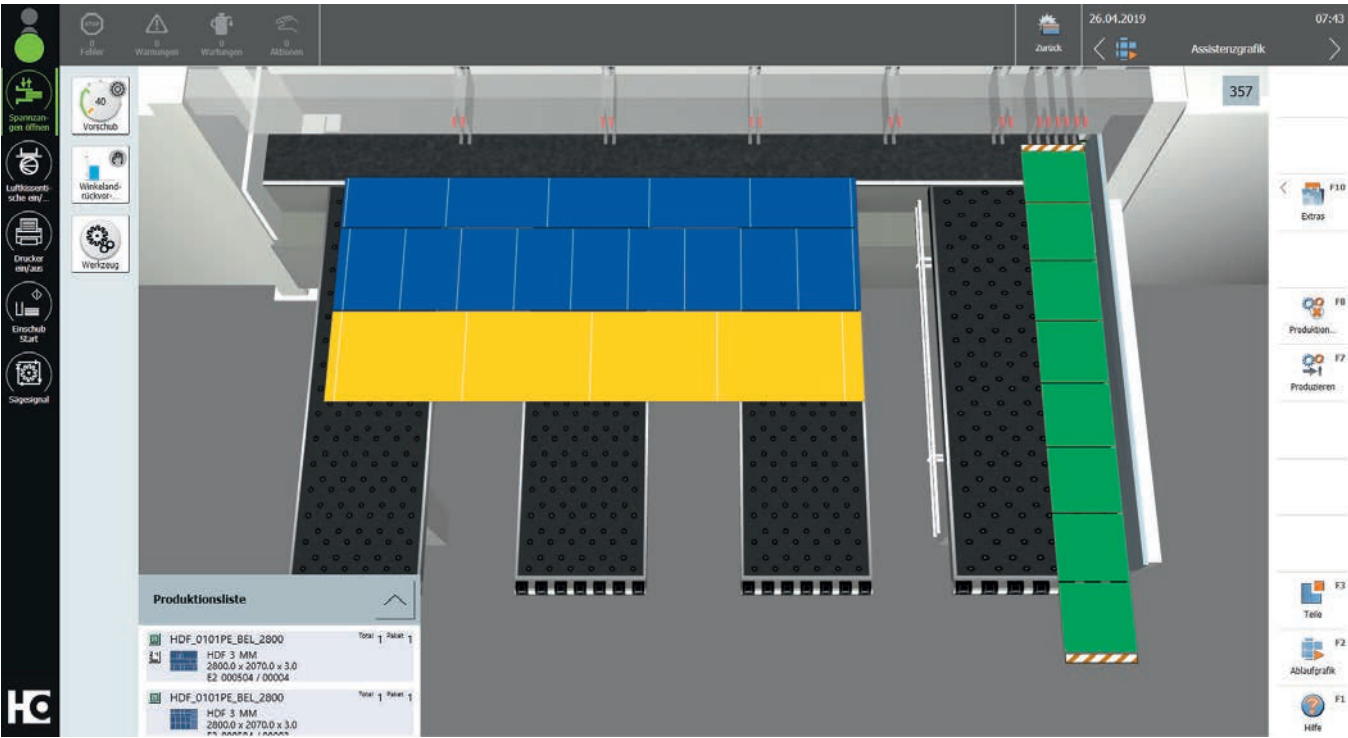
The result:

- The robot can destack parts according to an optimization strategy based on either the destacking location or downstream processes
- The robot always tries to utilize the maximum stack height
- It forms absolutely stable and, at the same time, fewer stacks than is normal when manually destacking
- Actions by machine operators are rarely required, and no longer needed at all over long periods
- Decide for yourself: single-type or chaotic destacking

An investment that pays off

- Production simulation of your cutting patterns during the quotation phase
- Simulation results optimized for maximum automated cutting or performance
- Transparency regarding expected part output, production time and number of stack changes
- Displays the automatic production times in which the saw operator can be used in other production areas to create added value
- Shows optimization potential, e.g. use of the ghost shift or lower production times

CADmatic 5 – intuitive to operate and open for digital networking



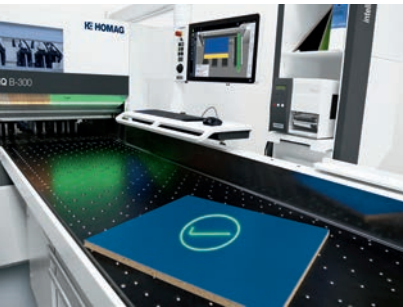
CADmatic 5 is the state-of-the-art, high-performance saw control system from HOMAG. It offers a wide range of functions and is easy to use. It has a new 3D assistance graphic that shows the machine operator all the steps clearly and in chronological order. It is intuitive to operate, which shortens the training time and reduces errors to a minimum.

Optional feature(s): Innovative operator guidance with intelliGuide

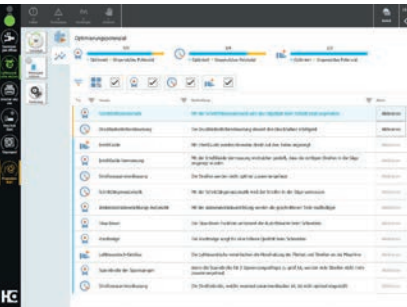
More fluid workflows, improved ergonomics, fewer errors and higher output: this is what intelliGuide stands for. The innovative assistance system works in a similar way to a navigation system in a car. It guides you step by step through the cutting process and reacts interactively to the actions of the machine operator. Colored light signals at the cutting line and—depending on the expansion level—laser projections indicate to the employee what needs to be done next, directly in the work field of vision or on the workpieces.

quickTip – for a perfectly set up machine

quickTip is an assistance function integrated into the HOMAG saw control system for maximum quality, operator comfort and performance. It supports the machine operator by providing recommendations for optimal use of functions directly at the saw. The advantage is that the functions and parameters can be activated centrally at one single point in CADmatic – this simplifies work, ensures smooth processes and a uniformly high output.



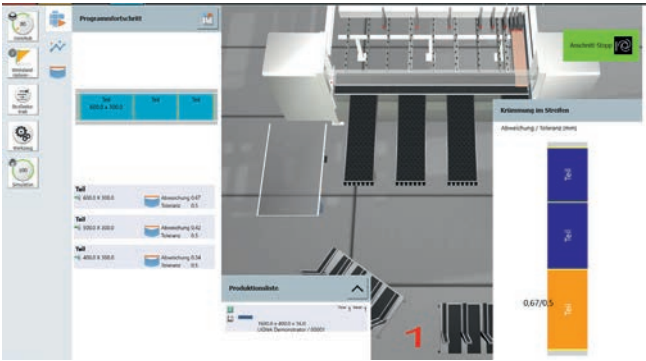
- Highlights:**
- Simple, intuitive and ergonomic machine operation thanks to the 3D assistance graphic including quickTip
 - This results in efficient processes and a steady output
 - Swiveling and tiltable 24" full-HD multi-touch display in widescreen format is easy to use by swiping, scrolling and zooming
 - Uniform operating concept thanks to the powerTouch user interface
 - All HOMAG saws with CADmatic 5 are automatically tapio-ready



toleranceCheck: High part quality despite material tension

Option for SAWTEQ S-300/400 and S-300/S-400 flexTec

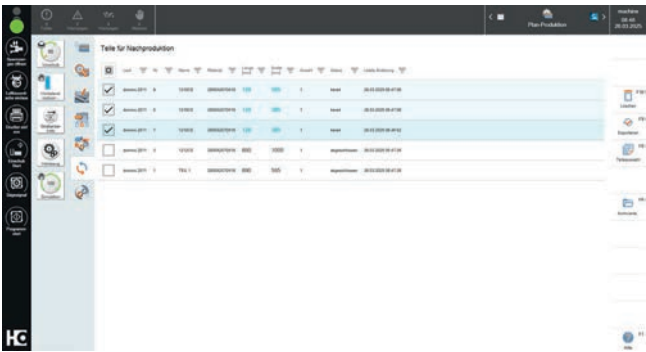
At the heart of the technology is a sensor system on the right-angled fence that detects bending before the cross cut division and thus sees whether individual parts are within or outside of the required dimensional tolerance. The machine operator can then respond actively and decide whether or not to cut. When cutting, the concave side is shown on the label – this increases the process reliability of the downstream processing steps, e.g. edge or CNC. If the decision is not to cut a part, the respective part can be assigned quickly, flexibly and easily to the CADmatic option Post-production of parts.



Reproduction of parts User-friendly and time-saving

CADmatic option for all HOMAG saws

Reproduction of parts allows unproduced and/or damaged parts to be easily collected in a reproduction list and then transferred to optimization, such as Cut Rite. There, the parts are combined in new cutting patterns before they are produced at the saw. Ideally, the saw can use the appropriate offcuts – thanks to manual offcuts management. The information on the label allows the parts produced to flow back into the overall process in a transparent manner.



Manual offcuts management Efficient use of resources

- Option for all HOMAG saws**
- Manual offcuts management provides end-to-end support for the management of manual offcuts in a separate offcuts shelf – in a simple and structured manner directly at the saw. The optimal use of existing resources prevents the uncontrolled buildup of residual stocks and thus contributes to sustainable material management.
- **Sustainable efficiency:** All manual offcuts are recorded as plannable stock for cutting optimization
 - **Maximum convenience:** Display and management of the offcuts shelf compartments with number and assignment
 - **Smooth operation:** Offcuts to be provided are displayed to the operator at the saw at an early stage
 - **Investment pays off:** Improved material utilization recoups the investment in just a few months
 - **Can be extended at any time:** Unplanned offcuts can also be removed via a scanner or mobile device. Here, a signal lamp indicates availability (red: part already planned; green: part available)
 - **Easy to get started:** Manual offcuts management can be set up and trained conveniently online – making it easier to get started and saving time



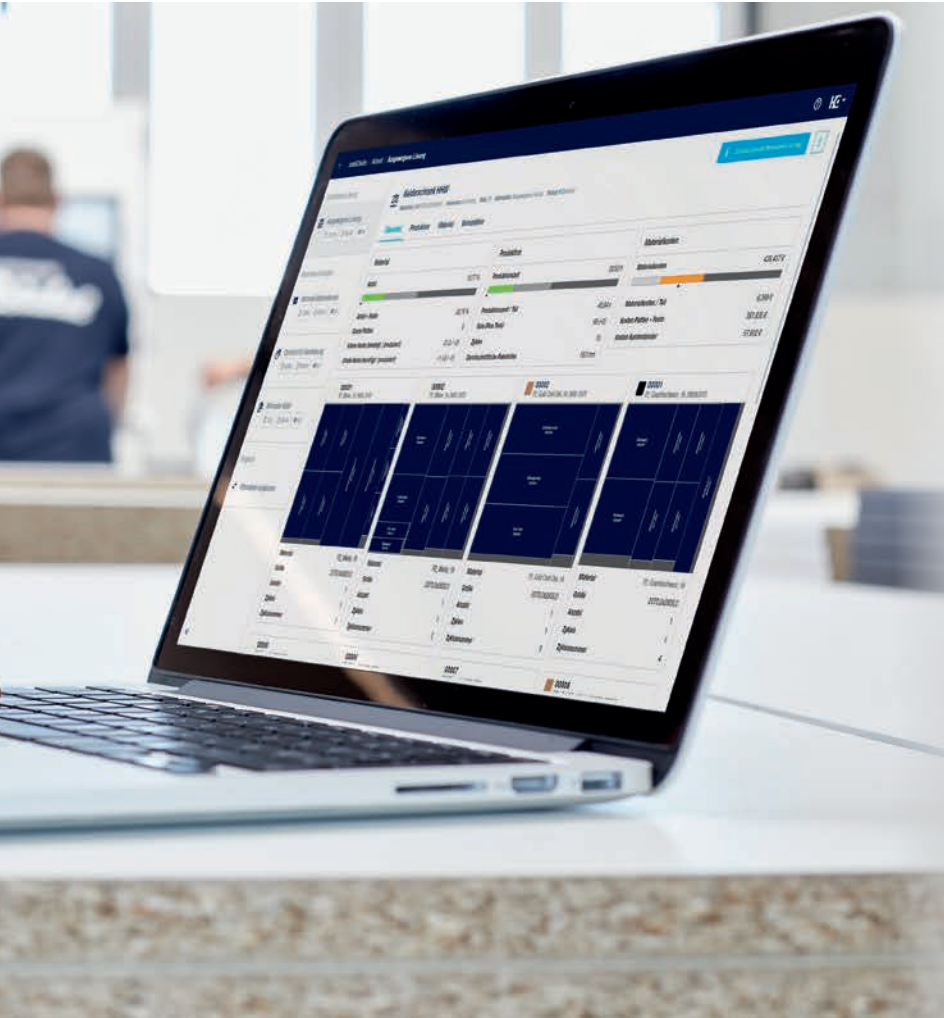
intelliDivide: Always one cut ahead!

The optimization software for panel dividing on saws

It's a known fact among carpenters that creating cutting patterns manually causes additional work hours in work preparation that could be used in other ways. Everyone wants to minimize the time required and achieve efficient results. That's exactly what intelliDivide offers – the optimization software for panel dividing. intelliDivide makes your work really easy: conveniently upload a parts list and begin the optimization with a single click. Cutting patterns are calculated automatically and immediately, without any manual intermediate steps or time-consuming settings to be made. And all without having to invest in software and computing power, because intelliDivide is a web-based app that runs in the cloud.

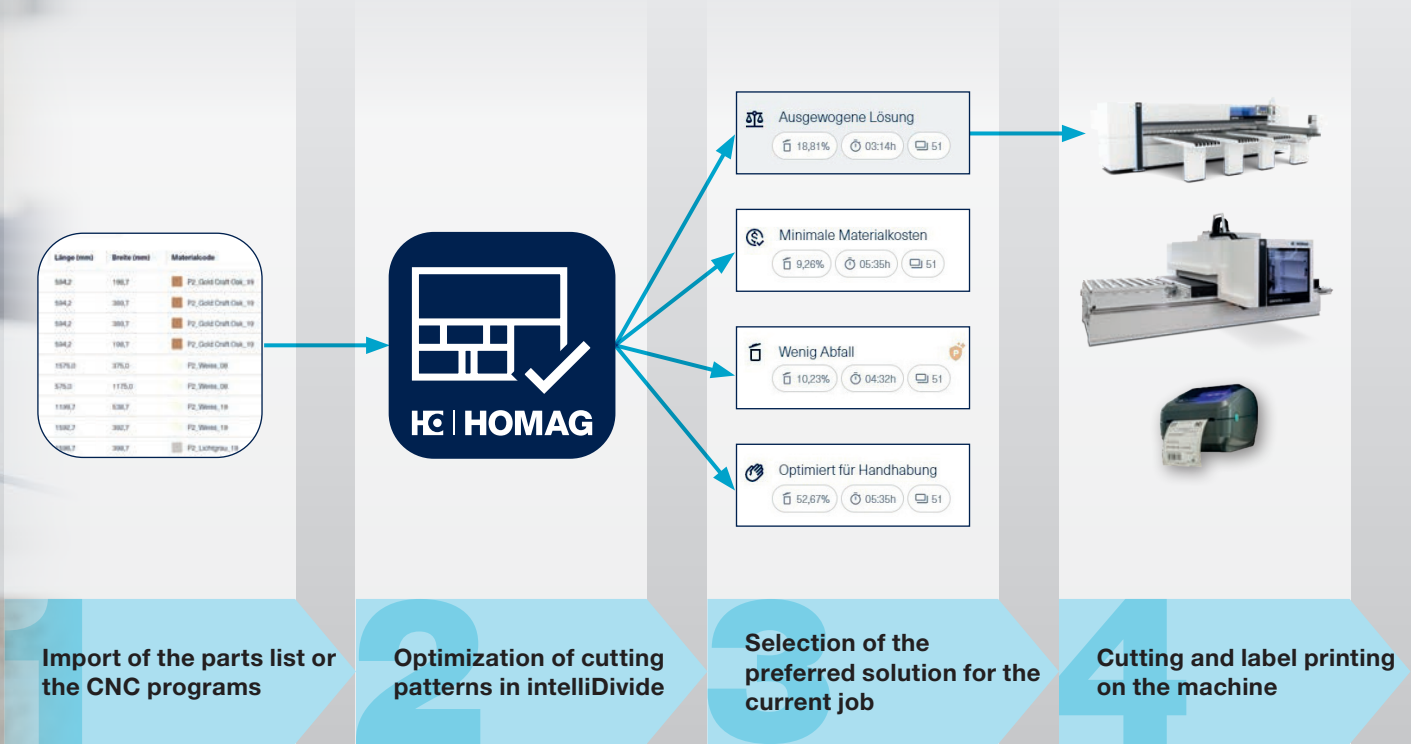
Your benefits at a glance

- MORE TIME FOR OTHER TASKS**
intelliDivide optimizes the cutting patterns for you. This makes manual calculation a thing of the past.
- OPTIMIZATION BASED ON THE DAY'S OBJECTIVES**
intelliDivide always calculates multiple alternatives for you to select, based on waste, short machine running time, easy handling, lowest material costs and much more.
- PRODUCTION DATA AT THE TOUCH OF A BUTTON**
intelliDivide generates data for panel storage, cutting, nesting and labeling.
- MATERIAL MANAGEMENT INCLUDED**
intelliDivide provides the central management of material types and panel sizes for your optimization free of charge.
- NESTING PATTERNS FOR THE CNC**
intelliDivide also optimizes nesting patterns for your CNC machine. One software interface for two cutting technologies!



First-class optimization results!

It's incredibly easy:



MORE AT HOMAG.COM



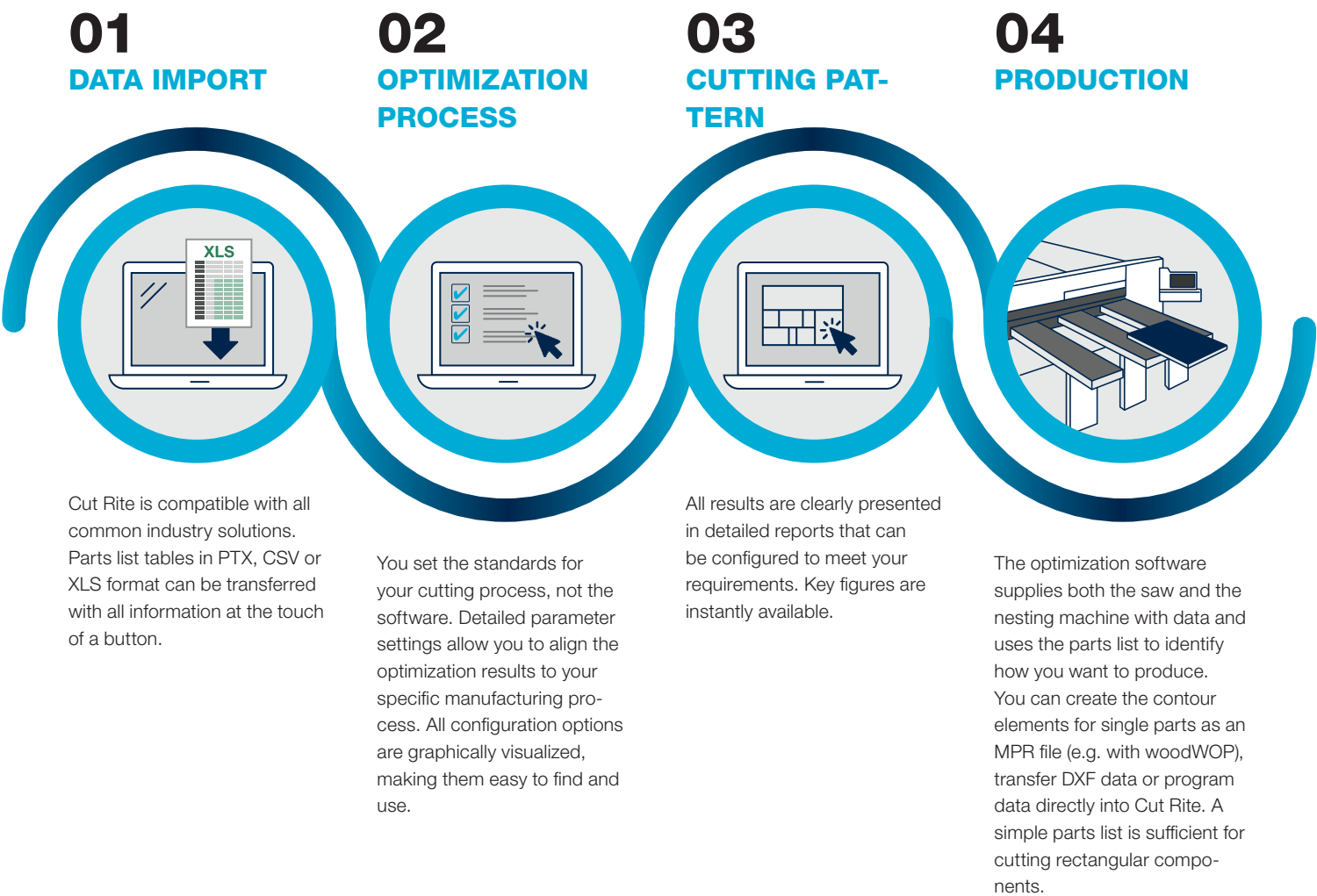
intelliDivide Cutting

Cut Rite

The optimization software for efficient cutting processes

Lower costs per cut? It's really easy!

Clearly structured and easy to use – that's Cut Rite's formula for your success. Cut Rite includes all the features that are important for your day-to-day work. On top of this, you can add additional modules and increase the number of licenses. Another advantage: you can automate many steps. This reduces manual operation to a minimum.



materialManager Advanced

Automatically proposes the optimal parameters for your saw, corresponding to your materials, tools and quality requirements.

Anyone who has ever been responsible for cutting knows that consistent processing quality is not a given. A large variety of materials, multiple machine operators and different saws are just three of the potential daily challenges, along with questions such as: How can the tool life be increased? And how can workflows be made simple and efficient? materialManager Advanced gives you all-round support for these issues.

- **Efficient and simple machine use:** Based on your quality requirements and saw blades, your machine automatically adjusts itself correctly to the material – for optimal interaction of feed and saw blade projection, and potentially also speed, regardless of the respective machine operator.
- **Fewer sources of error:** Automatic adjustment of saw parameters when the material is changed. The machine operator is also warned if they are using an unsuitable tool.
- **Creates transparency:** By looking at the app, the user can easily see how the tool was used and when it needs to be sharpened.
- **Up to 8% performance potential:** Optimized feed speed at a defined processing quality.
- **Up to 20% lower tool costs:** Extended tool life thanks to optimal saw parameters.
- The software can be used for all saws from the 3 series.
- Authorized persons can adjust the settings at any time from the office via the web-based materialManager Advanced app.
- All machines with a materialManager Advanced license use identical settings, thereby ensuring quality.
- The recommended parameters can be readjusted at any time.



Rediscover your competitive edge.

Edge banding machines for woodworking shops.

No two orders are the same. Our flexible solutions for formatting and edge banding can prepare you for this in the best possible way, as the machines are precisely aligned to the day-to-day realities of being a joiner: a wide variety of materials, precise processing, and efficient production.

EDGESEQ S-200

The basis for success.

If you are new to mechanical edge processing, you have come to the right place. Thanks to their short and compact design, these machines are suitable for use even in the smallest of workshops. With these models, we enable complete processing of your workpieces. From manual

unit adjustment to multi-level technology with automated operation – these machines have got everything covered. They can also cope with important requirements such as the production of zero joints or the processing of PUR adhesives.



- Simple, quick and safe removal of the application unit and magazine height adjustment for processing different edge overhangs. The servo edge feed increases precision and durability.
- Available also with a joint trimming unit for perfect cuts and optimum glue joint quality
- Direct glue application on the workpiece using a gluing roller for an even glue application, including for PUR granulate
- Dual-motor snipping unit for optimum snipping results
- Profile trimming unit for rounding corners
- Two empty slots in the post-processing section can be fitted with any options for outstanding flexibility
- airTec unit for a perfect zero joint

EDGESEQ S-200	
Machine length (mm)	3690 – 4605
Feed (m/min)	8, 11
Edge thickness (mm)	0.3 – 3 (6)
Workpiece thickness (mm)	8 – 40 (60)

EDGESEQ S-300

The powerful all-rounder.

These machines feature a comprehensive range of units, high feed speeds and high-performance motors. From perfect zero joints and PUR glue processing in the glue joint, to highly flexible corner processing and an optimum finish.

These machines will meet your requirements for a highly flexible all-rounder. A high degree of automation as standard or unlimited flexibility in equipping the units, whatever you choose, we have the perfect machine to suit your needs.



- **NEW:** Intuitive touch operation. Control machine functions directly via woodCommander 5.1 using the multi-touch, widescreen monitor. The ergonomic design as well as numerous help and assistant functions take ease of operation to the next level.
- High-strength gluing due to optimum workpiece preheating
- Multifunctional profile trimming unit for corner rounding and flush milling
- Extremely fast setup times thanks to pneumatic adjustment and entry via the powerTouch control system
- Multi-level technology on the trimmer and scraper as standard, ensuring extremely flexible use with changing materials (1440 E)
- Top QA 65N glue application system for quick change (EVA/PUR) and easy cleaning
- Optimal PUR processing thanks to a cartridge pre-melting unit
- Servo axes for fully automatic and highly flexible adjustment of the machine to the panel and edge thickness as well as different profiles (1430 HF/1440 HF)

EDGESEQ S-300	
Machine length (mm)	4773 – 5573
Feed (m/min)	14
Edge thickness (mm)	0.3 – 3 (8)
Workpiece thickness (mm)	8 – 60

EDGETEQ S-380

Uncompromising performance.



- **NEW:** Intuitive touch operation. Control machine functions directly via woodCommander 5.1 using the multi-touch, widescreen monitor. The ergonomic design as well as numerous help and assistant functions take ease of operation to the next level.
- QA 65N gluing system for faster color and glue changes (EVA/ PUR), simple cleaning and precise metering
- Trimming unit for a clean trimming result and with optimum extraction using DFC (dust flow control) tooling technology
- Servotrim profile trimming unit ensures gentle tracing, ideal for processing lightweight panels and high-gloss surfaces
- airTec unit for a perfect zero joint
- Multi-level technology on the trimmer and scraper as standard, ensuring extremely flexible use with changing materials (1650E)
- Multilevel technology on the profile trimmer. Easy to switch between 2 profiles
- Servo axes for fully automatic and highly flexible adjustment of the machine to the panel and edge thickness as well as different profiles (1650 HF/1660 HF)

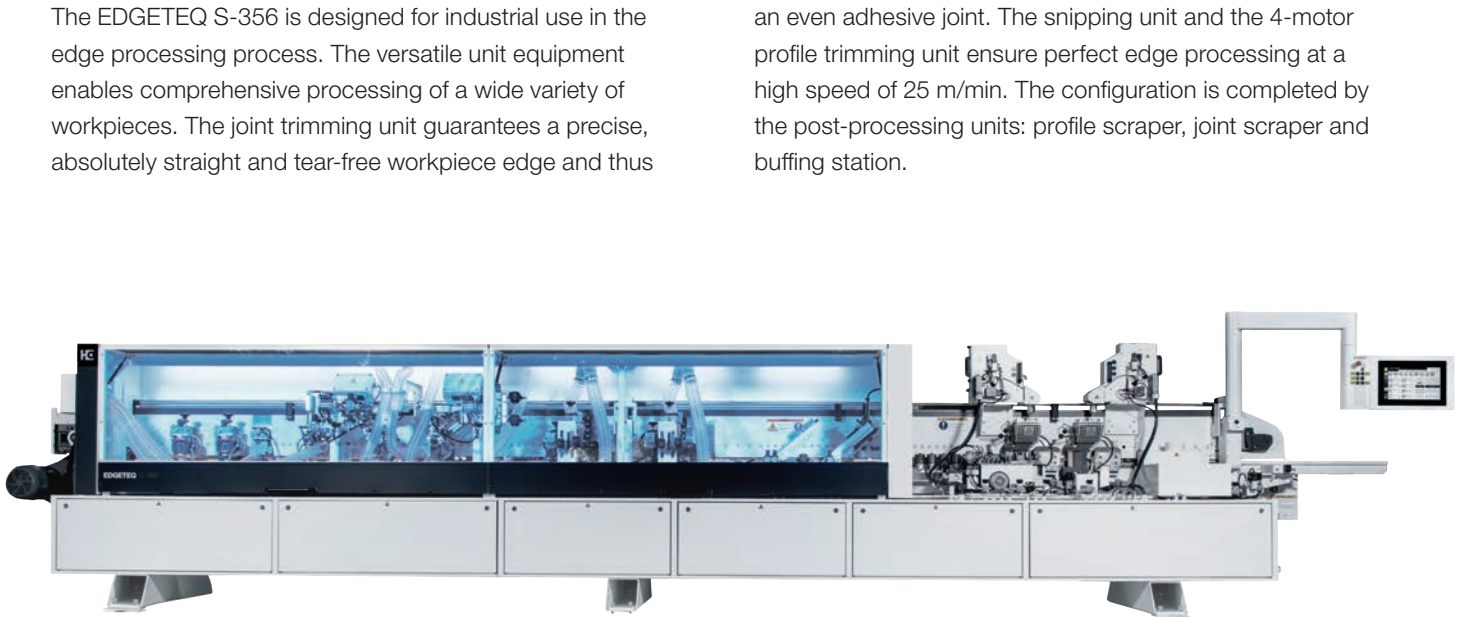
EDGETEQ S-380 profiLine series – machines that can be equipped for any task on a fully individual basis.

- The profiLine toolbox always offers the optimum solution to meet your requirements

EDGETEQ S-380	
Machine length (mm)	4773 – 8273
Feed (m/min)	8 – 20
Edge thickness (mm)	0.3 – 12 (15)
Workpiece thickness (mm)	8 – 60

EDGETEQ S-356

Introduction to the industrial class.



The EDGETEQ S-356 is designed for industrial use in the edge processing process. The versatile unit equipment enables comprehensive processing of a wide variety of workpieces. The joint trimming unit guarantees a precise, absolutely straight and tear-free workpiece edge and thus

an even adhesive joint. The snipping unit and the 4-motor profile trimming unit ensure perfect edge processing at a high speed of 25 m/min. The configuration is completed by the post-processing units: profile scraper, joint scraper and buffing station.

- The 15-inch touchscreen interface ensures fast and convenient operation
- The top roll pressure provides the basis for the highest quality because your workpieces are optimally clamped for processing.
- The joint trimming unit creates the basis for precise, absolutely straight and tear-free workpiece edges and glue joints with consistently high product quality.
- Quick-change application unit with glue supply from above for optimum availability and perfect glue quality
- Snipping units perfectly prepare the workpieces for subsequent trimming.
- Fine-milling unit for optimal processing of edge overhangs
- Profile trimming unit for corner rounding of workpieces with a width of up to 60 mm and a feed of up to 25 m/min.

EDGETEQ S-356	
Machine length (mm)	8499
Feed (m/min)	16 – 25
Edge thickness [mm]	0.4 – 3
Workpiece thickness [mm]	12 – 60

EDGETEQ S-500

One machine. Unlimited possibilities.

Is your edge banding machine stretched to its limits? Then it is time to take the next step with the EDGETEQ S-500. From multi-level technology for the automated processing of various profiles, a grooving unit, to modern zero joint

technology with the airTec unit, the machine offers everything that woodworking shops truly desire. The high level of automation of the units ensures short setup times and optimum ease of use.



EDGETEQ S-500	
Machine length (mm)	8365 – 9365
Feed (m/min)	16 – 20
Edge thickness (mm)	0.3 – 3
Workpiece thickness (mm)	8 – 60

Advantages of the EDGETEQ S-500

More flexibility thanks to the extended range of units available

The MS40 multi-level trimming unit, the MF60 Servotrim multifunction profile trimming unit and the MN11 profile scraper for two profiles can now be used for the EDGETEQ S-500 and provide access to an even wider array of possibilities for individual requirements.

Simple processing of PUR

PUR, EVA and airTec can be processed with one machine on request.

Increased availability and shorter machine setup time

With the AG12 and AG12 Basic gluing units, the application unit for hot-melt glue can be emptied easily in the machine.

Less cleaning and increased safety

Pneumatic metering slides on the application unit for hot-melt glue close automatically, prevent dirt and reduce the amount of cleaning required, e.g. in the event of a power failure.

Increased cost efficiency

The unit combinations can be optimally adapted to your requirements – such as with two-profile technology or three-profile technology.

Expandable

Thanks to the drilling grid, the machines are easier to expand and offer even more protection for your investment.



EDGETEQ S-500 profiLine

Machines as unique as your furniture.

The profiLine series is suitable for any application and offers feed speeds of 20, 25, 30 and 35 m/min. It processes all types of edge materials used in today's applications.

Select the units that are best suited to your requirements from our extensive toolbox. Thanks to workpiece feed systems, workpieces can be fed in with logic and precision.



Equipped as required: EDGETEQ S-500 profiLine.

The all-rounder EDGETEQ S-500 profiLine for banding edges of rolls of material up to 3 mm and solid strips up to 20 mm.

- Universal profile trimming units with one, two or four motors for tear-free copying, including of veneer edges
- Automatic changeovers to different profiles
- Industry-proven units from the extensive modular range

In addition, the range for individual equipment options offers scope for the complete processing of aluminum edges or entry into fully automated flexible production. With the "airTec" and "laserTec – Next Generation" (due to patent restrictions, this solution can only be used with Rehau edging in Germany) processes, you produce parts with a visual zero joint in the very highest quality. The FK31 powerTrim profile trimming unit makes performance and quality available in the industry standard.

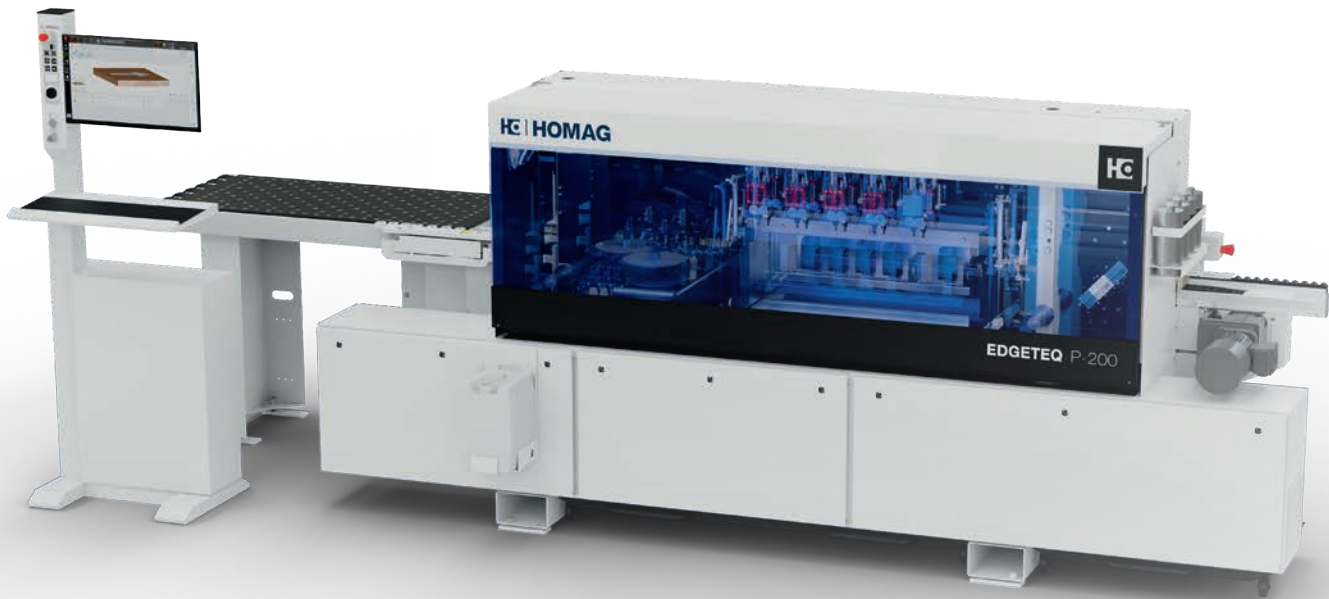
EDGETEQ S-500 PROFILINE	
Machine length (mm)	6365 – 13365
Feed (m/min)	16 – 20 (25, 30, 35)
Edge thickness (mm)	0.3 – 20
Workpiece thickness (mm)	12 – 60 (optional: 8 – 100)

EDGETEQ P-200

Ink Big. Digital edge printing for woodworking shops.

Patterns, decors, images, logos, text: The EDGETEQ P-200 revolutionizes edge processing with brilliant four-color printing. There are no limits to your imagination, so think big. Whether it's furniture, shop fitting or trade fair construction – with slogans on counter edges, individual patterns in record time or mahogany on MDF, your customers will be amazed.

The EDGETEQ P-200 offers automatic workpiece cleaning, a practical ink refill system and a fifth color channel for applying a protective varnish. Speaking of thinking big: The machine prints components up to 2500 mm in length, 700 mm in width and 38 mm in thickness.



- **Furniture construction and interior fittings:** Personalize edges with patterns, decors, images or logos, e.g. a kitchen worktop with a printed edge.
- **Shop fitting and trade fair construction:** Apply individual design concepts – brand shelf and counter edges with logos, slogans or graphic elements.
- **Kitchen construction:** Visualize design elements and print directly instead of producing sample doors.
- **Surface design:** Get the look of more expensive materials. Use the EDGETEQ P-200 to replicate types of wood or other materials, e.g. MDF board with digitally printed oak grain.

EDGETEQ P-200	
Machine length [mm]	3519
Feed [m/min]	13
Workpiece width [mm]	120 – 700
Workpiece length [mm]	120 – 2500
Workpiece thickness [mm]	8 – 38



Maximum productivity

Returns for format and edge processing.

The LOOPTEQ series workpiece returns are an optimal addition to machines from the EDGETEQ series. LOOPTEQ O-200 is ideal for small, narrow and medium-sized workpieces. The LOOPTEQ O-300 is ideal if you have

a wide range of parts, from small and light to large and heavy workpieces. The high degree of automation makes the LOOPTEQ O-600 with workpiece handling a true all-rounder.

	LOOPTEQ O-200	LOOPTEQ O-300 TFU 140/20	LOOPTEQ O-300 TFU 140/25
Workpiece length (mm)	300 – 2500	300 – 2500	240 – 2700
Workpiece width (mm)	50 – 1450	60 – 800	60 – 1000
Workpiece thickness (mm)	8 – 60	8 – 60	8 – 60
4-SIDED PROCESSING			
Min. workpiece size (mm)	300 x 300	300 x 80	240 x 80
Max. workpiece size (mm)	1450 x 1450	2000 x 800	2500 x 1000
MISCELLANEOUS			
Max. workpiece weight (kg)	50	50	50
Surface weight (kg/m²)	25	25	25



LOOPTEQ O-200 – get started with easy part flows.

The return is ideally suited for customers with small, narrow and medium-size workpieces.

- Fast return on investment – pays for itself with just 9 hours of operating time per week
- No training required – set up LOOPTEQ, connect and get started
- Flexible personnel organization thanks to cost-effective single-person operation
- Ergonomic working – manual parts handling is reduced to a minimum
- Better quality control – quick response to material adjustments



LOOPTEQ O-300 – for wide variety in the parts flow.

The return is ideally suited for customers with a wide variety of parts – from small and light to large and heavy workpieces.

- Fast return on investment – pays for itself with just 15 hours of operating time per week
- Minimal quality costs – gentle workpiece handling with air cushion table
- No training required – set up LOOPTEQ, connect and get started
- Flexible personnel organization thanks to cost-effective single-person operation
- Ergonomic operation – staff no longer have to endure heavy physical work



LOOPTEQ O-600		
Workpiece length (mm)	240 – 2500	240 – 3000
Workpiece width (mm)	80 – 1200	80 – 1200
Workpiece thickness (mm)	8 – 60	8 – 60
4-SIDED PROCESSING		
Min. workpiece size (mm)	240 x 120	240 x 120
Max. workpiece size (mm)	2500 x 1200	3000 x 1200
MISCELLANEOUS		
Max. workpiece weight (kg)	80	80
Surface weight (kg/m²)	25	25
Processing height (mm)	835 – 950	835 – 950
Stacking positions	0, 1, 2	0, 1, 2

*depending on the part size

LOOPTEQ O-600 – integrated workpiece handling.

The high degree of automation makes the LOOPTEQ O-600 a true all-rounder. Finished workpieces can be ejected or stacked.

- Minimal quality costs – gentle handling via vacuum cross rail
- Flexible personnel organization thanks to cost-effective single-person operation
- Smart automation – high-performance interlinked material flow
- Increased efficiency – defined rotation for process-oriented return of parts

LOOPTEQ O-400 gantry return

Return on investment. Literally.

The high level of automation of the edge banding machine enables the finished parts to be ejected or stacked quickly and easily, ensuring smooth processes. Flexibility and low space requirements make the LOOPTEQ O-400 the perfect complement to your production. It relieves employees of heavy physical work.

- **Workpiece turner:** The workpiece turner with lifting function transports the workpiece back to the processing height of the operator
- **Collect workpieces:** Workpieces can be transported as layers via workpiece turner and destacked together via cross rail
- **Compact design** reduces space requirements and is ideal for low-rise production halls
- **Ergonomic design** to relieve the strain on employees
- **Everything from a single source:** An operator terminal and the integrated machine control unit ensure easy operation
- **Attractive price/performance ratio**

LOOPTEQ O-400	
Four-sided processing*	240 x 120
Min. workpiece size [mm]	
Four-sided processing*	3100 x 1300
Max. workpiece size [mm]	
Workpiece thickness [mm]	8 – 60
Max. workpiece weight [kg]	80

*Depending on the equipment of the processing machine; further workpiece dimensions on request

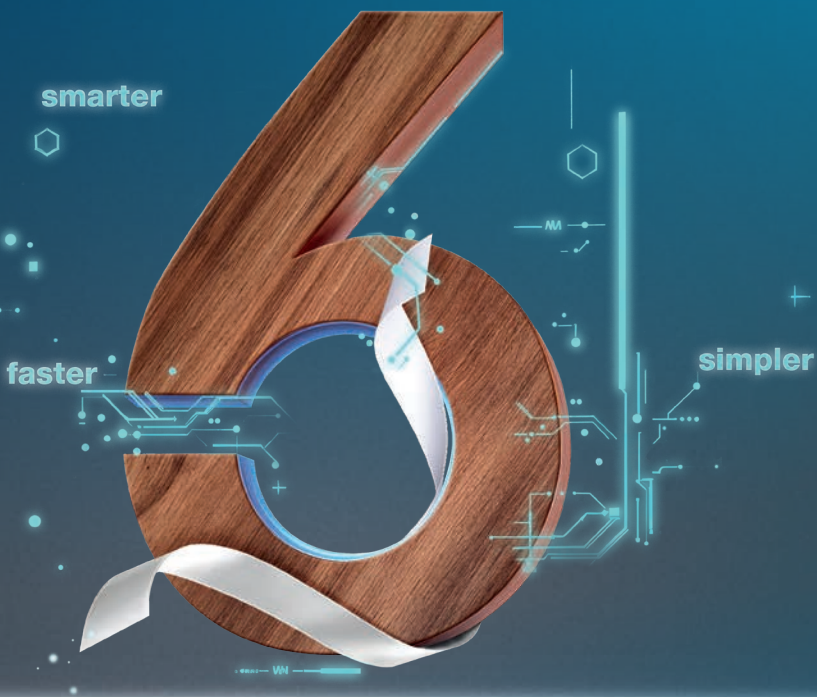


wood**Commander**⁶
Faster, safer and more flexible

Software for quick selection of the processing programs and the edge material. For the reliable and fast acquisition of production parameters as well as the workpiece-oriented creation of machine programs. The new operating platform makes it easier to handle complex machines thanks to consistent digitalization and simplified operation, a reduced number of clicks due to program linking and improved operator guidance.

wood**Commander**⁶

Start
Smart.
Finish
fast.



Fast

- Fewer clicks – e.g. by combining parameters
- Quick program change thanks to preview images from the 3D simulation
- Permanent overview window for quick orientation
- Fast overview thanks to scaled WYSIWYG representation
- Focus on processing steps
- Faster entries thanks to the pop-up keyboard with predictive text
- Situation-specific display of relevant parameters
- Time and cost savings thanks to fewer sample workpieces
- High quality even for the first workpiece

Safe

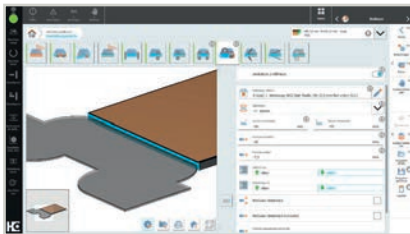
- High operating reliability thanks to real 3D workpiece simulation
- Display of the dimensioning directly on the 3D workpiece
- Understanding of the processing steps thanks to the simulated effect on the workpiece as well as the switchable tool track
- Automatic check of impermissible parameter combinations with suggested solutions – e.g. if the edge is too thick: "Change edge thickness" or "Switch off scraper"
- Setup with manual adjustments via QR code
- Identification of unsaved program parameters

flexible

- User-specific arrangement of parameters
- Maximum flexibility thanks to widgets for programs, edge material ...
- Individual integration of edge macros into the program
- Standardized tool management via HOMAG ToolManager
- Demand-based switching of operating parameters, e.g. of the joint dimension
- Integrated user rights management – e.g. only authorized employees may change programs



With just a few clicks, you can access the workpiece program.



3D workpiece simulation with tool track that can be displayed or hidden.



When the parameter is selected, the dimensions are displayed on the workpiece.

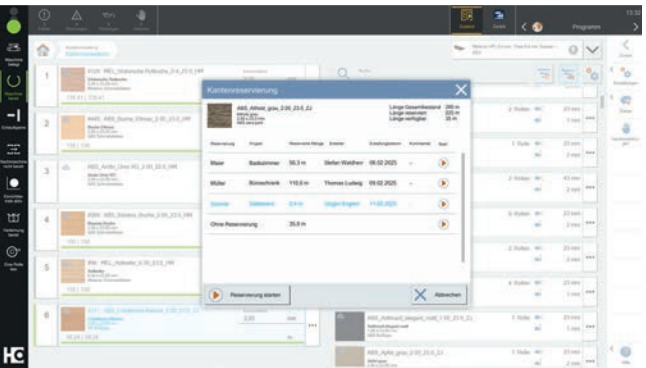
NEW: Simplest user interface

With the "simplest user interface," we offer a solution for operators without suitable qualifications so that our highly automated machines can be operated flexibly. Operators who do not have the required qualifications are often used in various countries and divisions. With our lowest user level, only the basic processing programs are displayed, while access to other functions is blocked and can only be changed at a higher user level. This means that even inexperienced operators can operate the machine safely and efficiently.



NEW: Allocate edge material

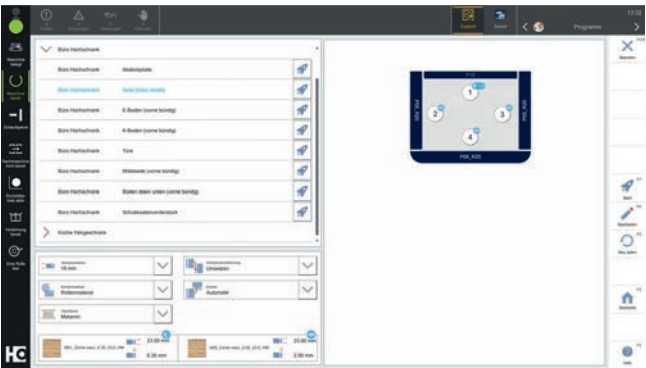
It used to be the case that the edge material for a planned piece of furniture was already processed for another job before the job started. But that is now a thing of the past. With our new function, you can allocate edge material for your projects. As soon as a roll of this material is inserted in the machine, the operator is prompted to define whether they want to process the allocation or whether they want to use the remaining available material. This allows us to ensure that every job is processed with the correct materials—just as you wish.



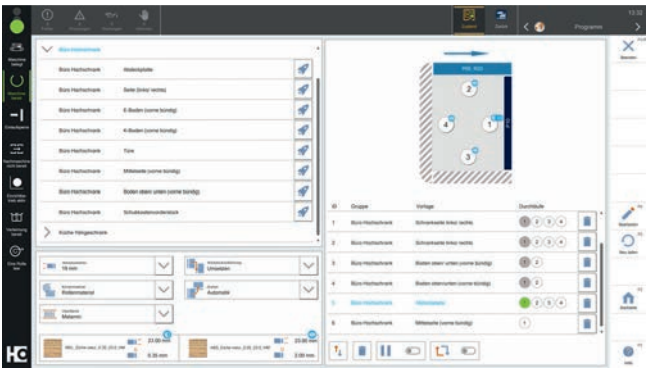
NEW: HOMAG Select

The new user interface enables fast and intelligent selection of processing programs via tags, reduces the number of clicks required and always offers process reliability through feed visualization and integrated operation for returning workpieces.

- Uniquely fast, automatic and intelligent selection of processing programs via tags
- Fewer clicks due to linking edges and processing programs
- Makes even complex machines manageable for inexperienced operators thanks to the workpiece information selection
- Always the highest level of process reliability thanks to feed visualization (current throughfeed is displayed, edges already attached are displayed)
- Integrated operation for returning workpieces



Creation and preview of templates.



Selection of the template and transfer to the production list. Feed visualization of the workpiece.

The advantages at a glance:

- Detailed knowledge of the machine is no longer required. The knowledge of the workpiece is sufficient.
- Workpieces no longer need to be pre-sorted (efficiency increase and cost savings, error minimization, i.e. quality increase)
- New operating platform with the aim of workpiece orientation not throughfeed orientation
- Further development in the direction of simple data connection and stack handling

” The threshold for moving to such a complex machine has clearly diminished.

Josef Eibl, Managing Director, Josef Eibl GmbH

Edgeband Management Set

The edgeband assistant

The edgeband assistant helps you to keep a complete overview of all information about your edge material and your material inventory. You can find the right edgeband quickly and easily at any time, eliminating the search for the right material.



Your benefits at a glance:

- **Complete overview:** all edge information is available at a glance. The apps and the HOMAG edgeband rack offer a permanent overview of stock. The printer can also be used to create labels to identify each edge roll individually.
- **Easy management:** clear management and unique identification of edges in the rack (incl. offcut lengths). The system documents edges that are put into and taken out of storage, indicating the storage position.
- **Space saving:** through vertical storage of the edgebands.
- **Time saving:** reduced setup times thanks to faster edge changes and not having to search for edgebands.

” We no longer need to walk from the office into the hall and rummage around for edges.

Katharina Höppner, ZB Holzsysteme

Edge Data Package

Networking of your machine control unit and edge data

Don't have an overview of your edgeband stock? Did you run out of edgeband material or order too much? Managing your edge data has never been easier than with the Edge Data Package! The combination of the Edge Data plug-in and the Edgeband Management Set enables you to access a catalog containing all edgeband data from leading edge suppliers directly on the machine. While woodCommander 5 makes direct operation on the machine easier, the plugin links the machine to the Edgeband Management Set.



Your benefits at a glance:

- **Complete transparency:** All information about your edgebands available at a glance.
- **Lightning-fast and error-free recording of your edge data** – without any manual intermediate steps.
- **Easy and continuous access to all edgeband data** from leading edge suppliers directly on your machine.
- **Sustainable:** Complete overview of edge stock and storage locations. This reduces duplicated orders and saves costs.
- **Efficient networking:** With the Edge Data plugin, woodCommander is used to directly connect your machine and the edgeband assistant.



Cutting-edge technology for bespoke work.

CNC processing centers for woodworking shops.

Different situations call for different processing methods: sawing, trimming, drilling, separating, measuring or 3D processing. Our CNC processing centers deliver ultimate bespoke work across the entire palette, so you've always got it covered.

Small with much to offer – smart CNC processing

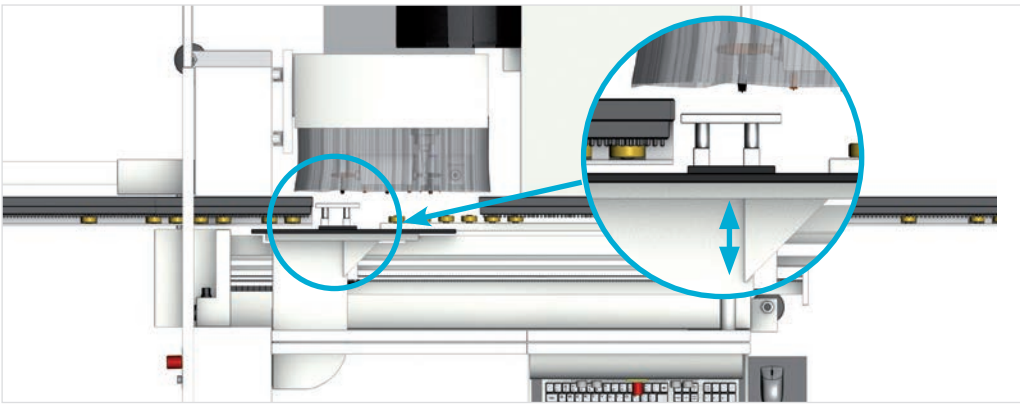
Precise processing results and focused use: the machines in the DRILLTEQ series are ideally suited for cabinet processing. We have combined all the fundamentally necessary processing tasks in the smallest of spaces. In terms of precision, the machines are unparalleled.

The high-quality drill and spindle technology used inspires confidence. HOMAG installs over 48,000 drilling spindles per year. These established components are also in use in the solutions for horizontal drilling and doweling. Robust and reliable technology – something to get excited about.



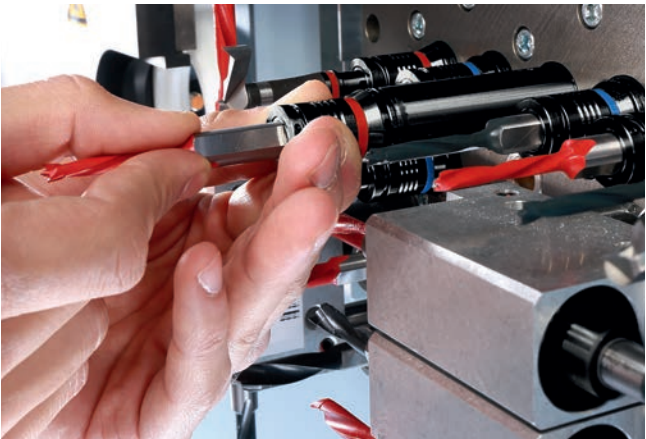
DRILLTEQ V-200	
Workpiece length (mm)	200 – 2500 / 200 – 3050
Workpiece width (mm)	70 – 850
Workpiece thickness (mm)	12 – 60

- DRILLTEQ V-200 vertical CNC processing centers – flexible all-rounders for body processing in an area of 5 m².**
- Rapid processing saves time
 - Compact design saves space
 - Easy operation saves you energy
 - Low price saves you money



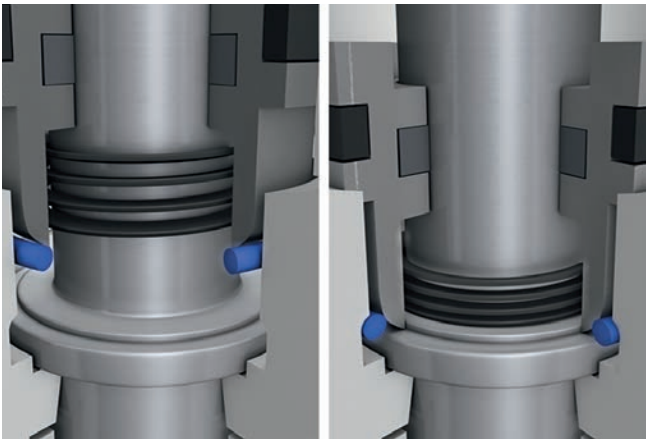
Automatic workpiece thickness setting

- Automatic adjustment of the counter bearing to the material thickness according to the data specified by the operator in woodWOP



Quick-change drill system

- The patented system ensures easy handling when loading or replacing drills. This is how you save time!



Automatic spindle clamp

- Patented system for a consistently precise drilling depth in various materials
- Sustained safeguarding of quality during drilling

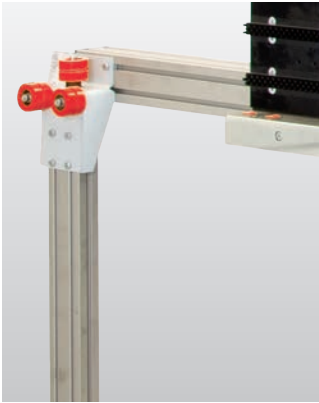
All inclusive – hardware

Top equipment from the start: Elementary technologies that ensure lasting first-class processing quality are included as standard.



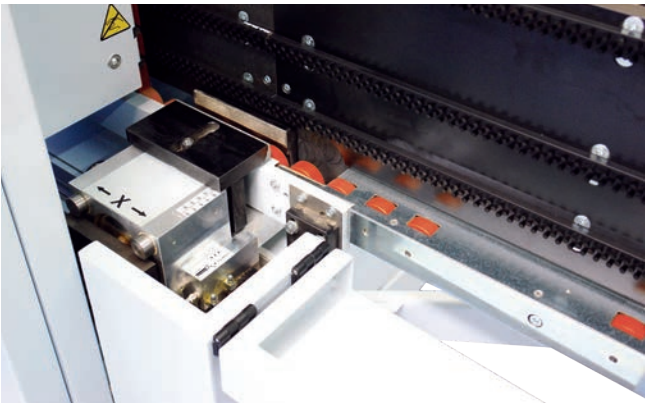
Workpiece loading area and workpiece removal area

- Mechanical support by means of a small roller conveyor in the loading and removal area of the machine



Extension of the working length

- Extension of the working length from 2500 to 3050 mm, incl. small roller conveyor



Workpiece collet chuck

- Easy adjustment of the collet chuck (manually) to the workpiece thickness (collet chuck lift 10 mm). With workpiece thickness differences of up to 10 mm, the collet chuck does not need to be adjusted manually.



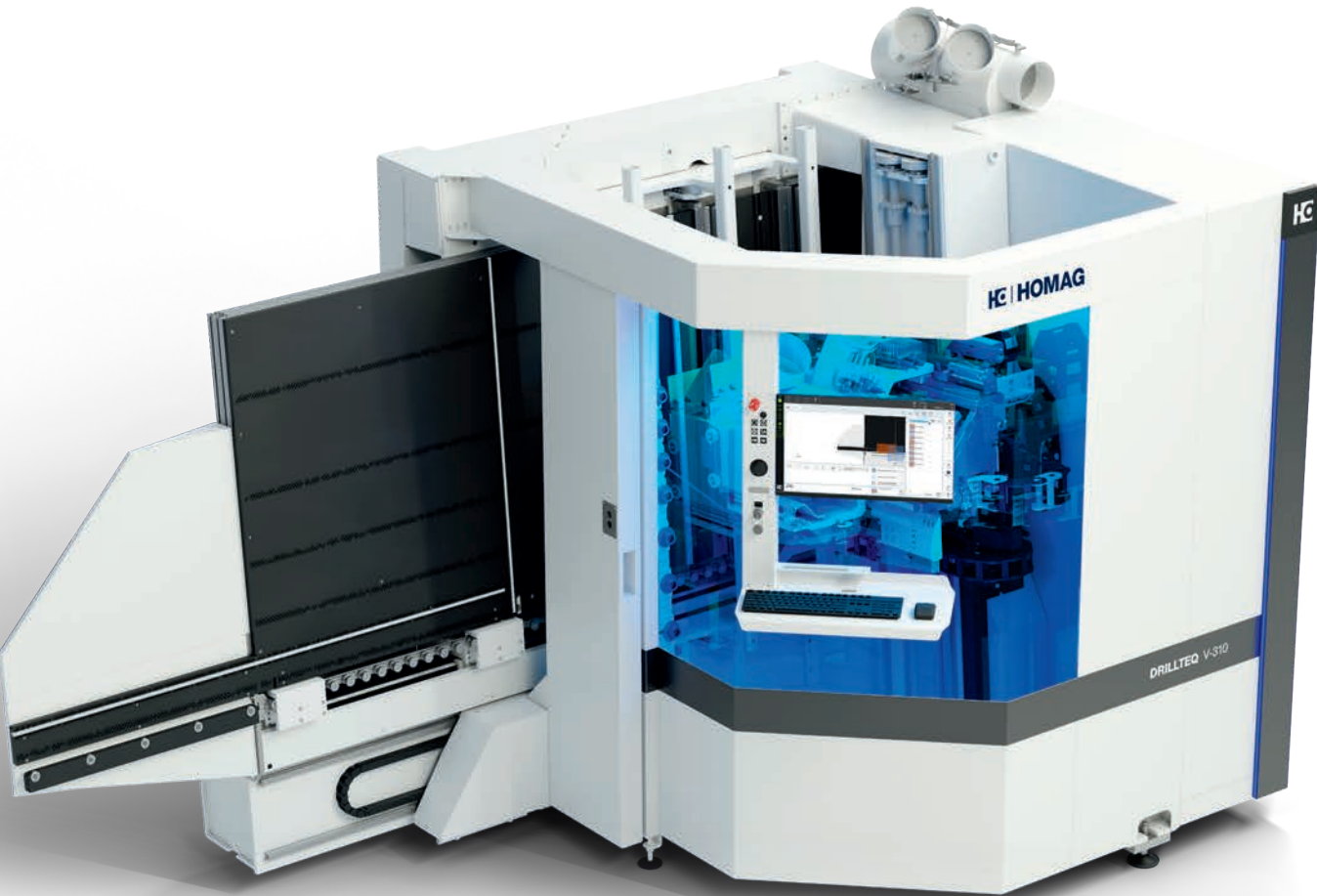
DRILLTEQ V-310: The "Raumwunder"

The next step in vertical CNC processing

DRILLTEQ V-310 vertical CNC processing center – Maximum cabinet processing. Minimum space requirements. A space-saving miracle that requires just 11 m² of floor space.

- Extensive equipment – up to 48 drilling spindles, 2 groove saws, a doweling unit and a C axis with unit interface
- 8-slot tool changer, optional 11-slot
- Faster drilling thanks to powerful drilling equipment
- Ergonomic workflows – intuitive operation with fewer manual steps thanks to a small radius of movement due to the machine's compact construction
- "IntelliGuide" LED assistance system
- Automated material handling by robots and/or return possible
- Door processing

DRILLTEQ V-310	
Workpiece length (mm)	200 – 3050
Workpiece width (mm)	45 – 1250
Workpiece thickness (mm)	8 – 80



DRILLTEQ V-310

The Raumwunder.

Maximum cabinet processing.
Minimum space requirements.

Drilling and dowel inserting machines

- Precise holes and exact positioning of dowels with high-speed drilling and doweling unit
- The optimal addition to a nesting machine in the CENTATEQ N series. Also for frame parts



- Up to eight clamping cylinders, adjustable in length and thickness, to fasten any workpiece
- Flexible part handling thanks to lowerable center and side stops for optimal alternating field assignment

DRILLTEQ D-110	
Workpiece length (mm)	20 – 2800
Workpiece width (mm)	20 – 800
Workpiece thickness (mm)	10 – 60

- DRILLTEQ D-110**
Drilling. Doweling. Everything under control.
- Horizontal drilling with up to three individually accessible horizontal drilling spindles
 - Pneumatically retractable side and center stop
 - 4 to 8 clamping cylinders – individual height adjustment
 - Up to 2 dowel tools for automatic insertion of dowels straight after drilling

DRILLTEQ D-510	
Workpiece length (mm)	20 – 2500
Workpiece width (mm)	20 – 800
Workpiece thickness (mm)	10 – 80

- DRILLTEQ D-510**
Drilling. Doweling. Trimming. Done.
- Horizontal and vertical drilling with up to five spindles
 - Horizontal and vertical trimming for complete processing in the edge area
 - Drilling under rotation angle is possible as an option



DRILLTEQ H-230	
Workpiece length (mm)	250 – 3000
Workpiece width (mm)	40 – 1250
Workpiece thickness (mm)	8 – 40

- DRILLTEQ H-230**
New entry-level series for 6-sided drilling
- 6-sided processing possible in one clamping operation
 - 2 CNC-controlled collet chucks ensure a constantly solid hold and precise positioning of the workpieces
 - The patented spindle clamp ensures that the drilling depth is always precise for all drilling
 - Optional 4-slot tool changer expands the options



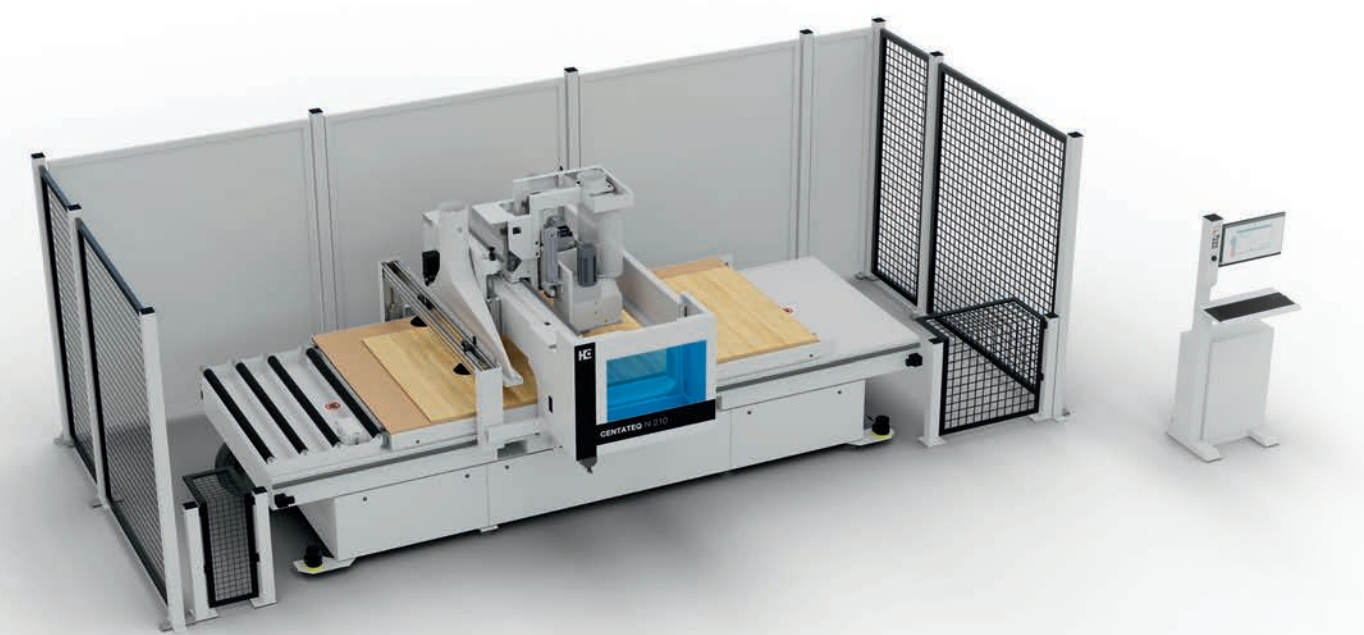
DRILLTEQ H-600	
Workpiece length (mm)	200 – 3100
Workpiece width (mm)	70 – 1000
Workpiece thickness (mm)	8 – 80

- Our DRILLTEQ H-600 CNC processing center – our drilling expertise has never been packaged in such a clear, compact and innovative way**
- Up to 104 drilling spindles complete the precise processing in all application areas
 - Two CNC-controlled clamps ensure a constantly solid hold and precise positioning of the workpieces. Up to 130 m/min travel speed ensures fast completion of tasks
 - A thickness check and length measurement ensure secure process sequences
 - The patented spindle clamp ensures that the drilling depth is always precise for all drilling
 - The Smooth-Pressure System© provides a protective air cushion beneath the workpiece, thereby ensuring high-quality parts handling

Nesting – trimming as required

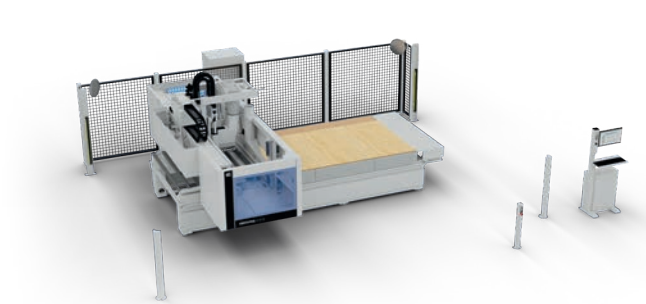
Our nesting machines enable waste-optimized processing and cutting of panel-shaped materials. The classic areas of nesting can be divided into cabinet creation, cutting and finishing of furniture fronts, processing for modular furniture

production as well as "advanced materials" (e.g. Plexiglas, aluminum, Alucobond). Various options for automation of material handling ensure significant time savings and even more effective work.



- CENTATEQ N-210 CNC gantry processing center – The new nesting concepts: individual automation for furniture production**
- Compact machine concept with integrated switch cabinet and footprint reduced by 25%.
 - Barrier-free safety system without safety mats for easy access
 - Automatic selectable vacuum area division of the table. Tailored to the standard panel sizes on the market.
 - Piggyback tool changer in X and Y direction on the main spindle for short tool change times.
 - 14 automation options from individual machine to fully automated cell.
 - Matrix table with positioning of suction units across segments without restriction.

CENTATEQ N-210	
Table dimensions	2160 x 3180 mm (7 x 10 ft)
Max. workpiece thickness	260 mm
Max. workpiece thickness for autom. workpiece handling	6 – 60 mm

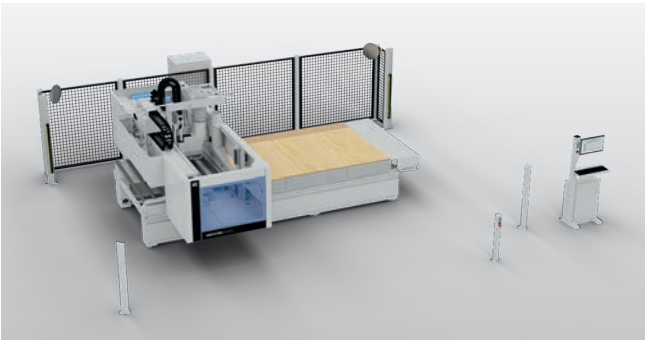


CENTATEQ N-510	
Table dimensions	2160 x 3180 mm (7 x 10 ft)
Max. workpiece thickness	260 mm
Max. workpiece thickness for autom. workpiece handling	6 – 60 mm

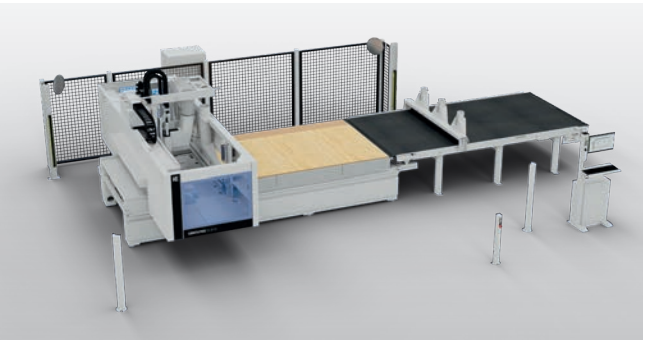
- CENTATEQ N-510 CNC gantry processing center – The new nesting concepts: individual automation with five-axis processing**
- Broad, individual selection of table sizes from 1.25 x 2.5 m to 2.1 x 7.4 m – also in half-sized format with up to 84 vacuum fields.
 - Three possible equipment variants of the vacuum field division of the table are available according to requirements or table size: Classic, Advanced and Premium.
 - Up to 32 tool slots available for time-saving handling. The tools can be changed in parallel to the handling of the panels.
 - 14 automation concepts – supplement via plug & play.
 - 18 different drilling gears are available in different variants of vertical and horizontal spindles and groove saws.
 - Five-axis processing with a DRIVE5CS five-axis head offers more diversity in processing.

Individual nesting concepts

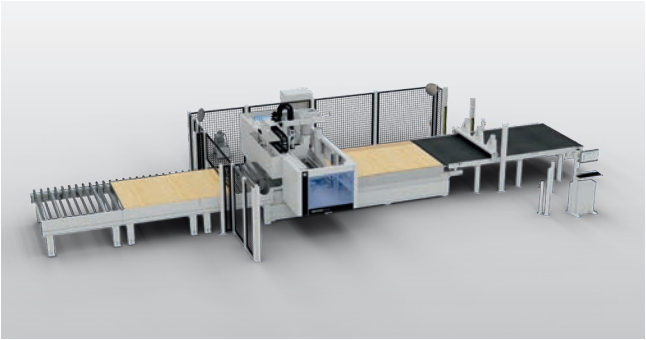
Lifting tables for feeding, automatic belt conveyors for pushing out the parts or handling using robots are possible.



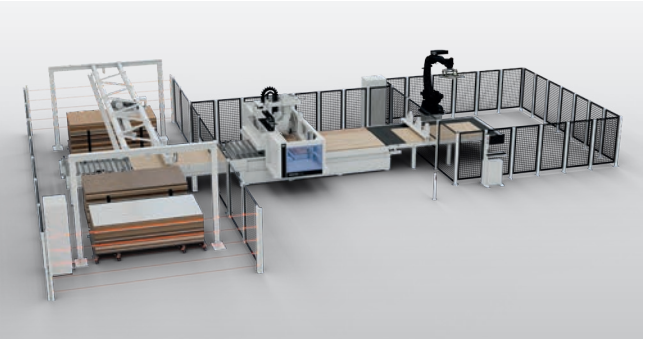
Basic+: including infed and pushing device. This variant is also available with the right/left throughfeed direction, for example.



Outfeed+: automatic push-off for higher productivity. Or in the form of concept 1+ with roller conveyor for the next expansion stages



Concept 2R+ infed roller conveyor acting as interface for upstream automation or in the form of concept 2H+ with lifting table

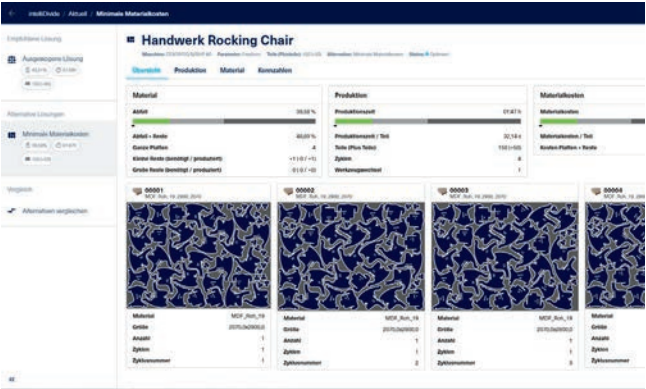


Including destacking via robot and storage control connection.

Nesting software

Solutions for nesting components

In the case of nesting technology, workpieces are "nested" to achieve a better material yield by optimizing cuts. Especially with a large variety of shaped parts, nesting enables high material saving potential.



intelliDivide Nesting

- Web-based optimization software for the nesting process
- Rectangular and free-form part optimization
- Intelligent import from CSV, XLS(X), PNX, MPR
- Part-in-part nesting
- Optionally available with expansion for label printing



Nesting Production Set

The following components are included in the scope of delivery:

- intelliDivide Nesting (optimization software for nesting patterns)
- HOMAG Cube (intelligent control box for connecting the printer to the Internet and the apps)
- productionAssist Nesting digital assistant for labeling nested components
- materialManager app (central material management) and the materialAssist digital assistant for panel and offcut management in production
- Plug & Play label printer

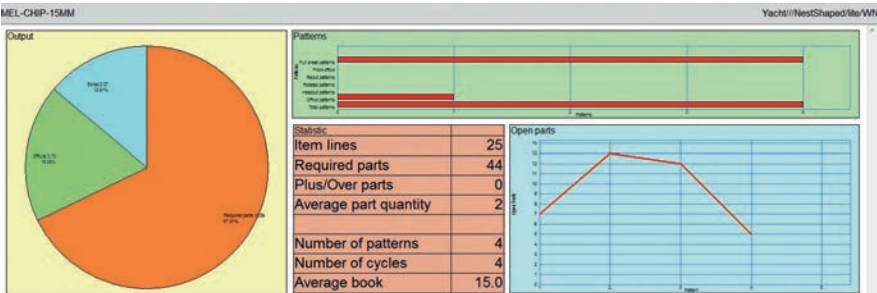


Cut Rite nesting

Cut Rite, HOMAG's optimization software, is used for dividing panels on saws and on nesting machines. Since the software is modular, users who already control their saw via Cut Rite can easily integrate the nesting module.

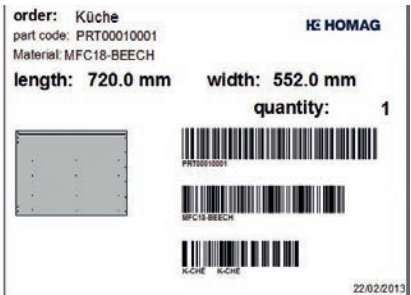
- Panel database and calculation of material costs
- Labeling in the office including layout editor
- Optionally, additional modules can be used, for example, for storage management

Generalübersicht									
P2_19_WEISS									
Bezeichnung	Menge	m2	m3	Prozent	Satz	Kosten	Startzeit	Wert	
Soßeile	27	4.54	0.09				Anzahl der Pläne	1	
Plustelle / Überselle	0	0.00	0.00				Pläne mit Kopfschnitten	0	
Unterproduzierte Teile	0	0.00	0.00				Gedrehte Pläne	0	
Teile	27	4.54	0.09	78.20%			Pläne mit Nachschnitten	0	
Reste	0	0.00	0.00	0.00%			Anzahl der Zyklen	1	
Abfall	1.26	0.02	0.00	21.72%			Schneidlänge	60.9	
2. Anschnitt	0.00	0.00	0.00%				Durchsatz (M3/St)	0.4	
Platten	1	5.80	0.11	100.00%			Versch (%Teile)	27.75%	
							Versch (%Platten)	21.72%	
Vollplatten	5.80	0.11	100.00%	10.000		57.96			
Reste verwendet	0.00	0.00	0.00%			0.00			
Reste erzeugt	0.00	0.00	0.00%			0.00			
Nettomaterialbedarf	5.80	0.11	100.00%	10.000		57.96			
Schnittzeit	0.1651								
Teile gesamt	27	4.54	0.09	78.28%	12.767	57.96			



Cut Rite nesting – Results graphic

Cut Rite presents the results of the optimization in a clear structure. Multiple reports are issued for each optimization run. These reports can be configured to individual requirements.



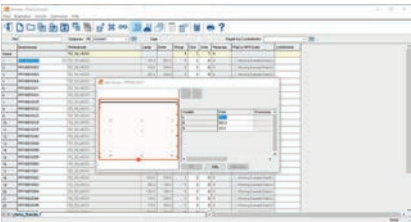
Cut Rite nesting

Label designer

- With the integrated label designer, labels can be created at the workplace and printed directly in the office
- This function does not replace the automatic print function on the machine

Benefits:

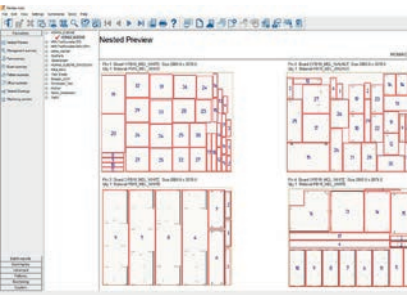
- The combination of cutting and end processing means no intermediate stacking of individual parts is required
- Material costs and total processing time are reduced



Cut Rite nesting

Parts list

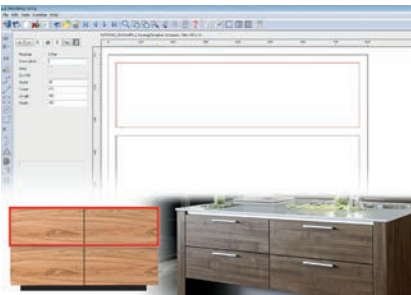
- Can be created manually by inserting individual woodWOP files. Can be imported from other programs, such as Excel tables
- Can be edited and processed as required
- Import of up to 50 woodWOP variables
- The program optimizes the part list, sorted by material or any other parameter



Cut Rite nesting

Editor

If necessary, you can change the optimization result, e.g. add fill parts.



Cut Rite nesting

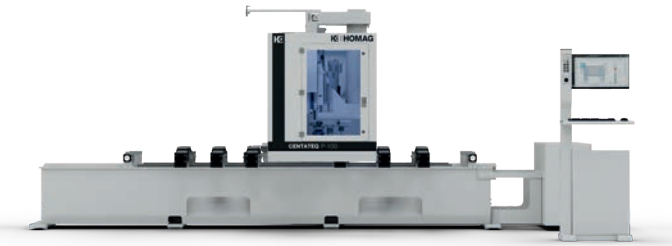
Cutting pattern templates

Cutting pattern templates can be created, e.g. for furniture fronts, to ensure continuous grain across several single parts.

CNC processing centers

Well positioned in all dimensions

Drilling, trimming, grooving, cutting, measuring, 3D processing, etc. – the wide variety of processing techniques is matched by the range of equipment features of our processing centers. We offer 3, 4 and 5-axis solutions



CENTATEQ P-100	
Workpiece length (mm)	3250 3100
Workpiece width (mm)	1600
Workpiece thickness (mm)	220 250 (from console/table)

- CENTATEQ P-100 – Entry-level series for 3-4 and 5-axis applications**
- PC87 powerTouch operating software with graphical slot assignment and slot-specific suction unit recommendation
 - Versatile processing center with 4-field processing
 - Processing up to 1600 mm in the Y direction and a software-optimized work area
 - Flexible and adaptable for different configurations
 - Proven HOMAG technology at an entry-level price

for every need. Combined with established and high-performance components, our stable machine construction brings outstanding performance to your production.



CENTATEQ P-110	
Workpiece length (mm)	3100 4200
Workpiece width (mm)	1550
Workpiece thickness (mm)	260 (from console/table)

- CENTATEQ P-110 – Freestyle technology with three-, four- and five-axis solutions.**
- PC87 powerTouch operating software with graphical slot assignment and slot-specific suction unit recommendation
 - 360° more freedom – integrated switch cabinet, bumper technology and mobile operator terminal ensure free access from all sides
 - A heavyweight – precise processing is ensured by the heavy steel welded machine frame and stable sliding gantry design
 - Including space-saving variant with reduced installation depth without any restrictions on processing



CENTATEQ P-210	
Workpiece length (mm)	3100 4200 6000
Workpiece width (mm)	1550
Workpiece thickness (mm)	280 (from console/table)

- CENTATEQ P-210 – Sliding gantry processing centers with 5-axis technology and optional edge processing.**
- Convenient operation directly from the enclosure with buttons for program start, pause and 'run until free'
 - PC87 powerTouch operating software with graphical slot assignment and slot-specific suction unit recommendation
 - Heavy steel welded machine bed
 - Optional: Speed Pack with safeScan safety system for high feed rates even in shuttle operation, shorter processing times
 - Optional easyEdge edge banding unit available



CENTATEQ P-310	
Workpiece length (mm)	3300 4200 6000
Workpiece width (mm)	1600 1900
Workpiece thickness (mm)	300 (from console/table)

- CENTATEQ P/E-310 – sliding gantry processing centers with five-axis technology and optional edge processing.**
- Convenient operation directly from the enclosure with buttons for program start, pause and 'run until free'
 - PC87 powerTouch operating software with graphical slot assignment and slot-specific suction unit recommendation
 - Heavy steel welded machine bed
 - Optional powerEdge edge banding unit with edge magazine and 2x pre-snipping stations
 - Speed Pack with safeScan safety system for high feed rates even in shuttle operation, shorter processing times



CENTATEQ P/E-510 610 SERIES	
Workpiece length (mm)	3300 4000 6000 7400
Workpiece width (mm)	1550 1900 2250 3250
Workpiece thickness (mm)	300 500 (from console/table)

- CENTATEQ P/E-510|610 – stairs, furniture, windows, doors, interior fittings – ideally suited to all your tasks.**
- Processing center configuration and alignment customized to meet your specific needs
 - Edge banding in various performance classes, perfectly tailored to your individual requirements – right through to zero joints for shaped parts
 - Convenient operation directly from the enclosure with buttons for program start, pause and 'run until free'
 - A heavy machine bed made from the vibration-absorbing material SORB TECH means that approximately 60% of the primary energy is saved and the processing quality is increased
 - Speed Pack with safeScan safety system for high feed rates even in shuttle operation, shorter processing times

The powerEdge Pro Duo edge banding unit

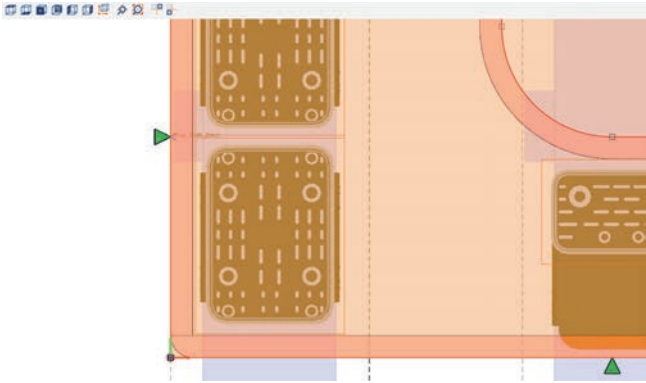
One-for-all

CNC edge gluing on a whole new level. One unit for all requirements. The new powerEdge Pro Duo is based on the experience of over 30 years of unit construction for shaped edge banding. Optimized handling and simplified

programming combined with innovations in unit technology and control systems make the new powerEdge Pro Duo what you need: a unit that allows you to master current and future requirements.



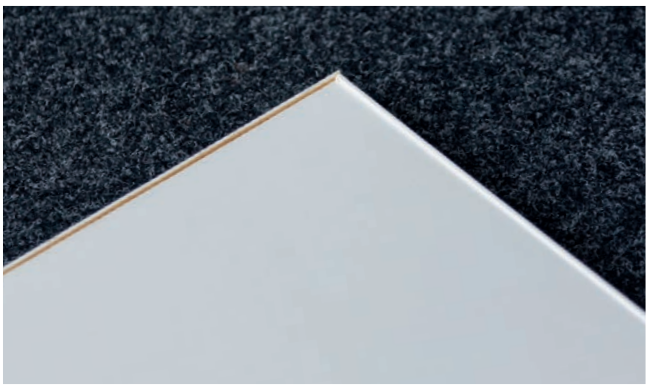
Components made from a single cast with zero joint technology:
Perfect components with optical zero joint thanks to edges with a perfectly coordinated functional layer. And with simple, uncomplicated and robust unit technology.



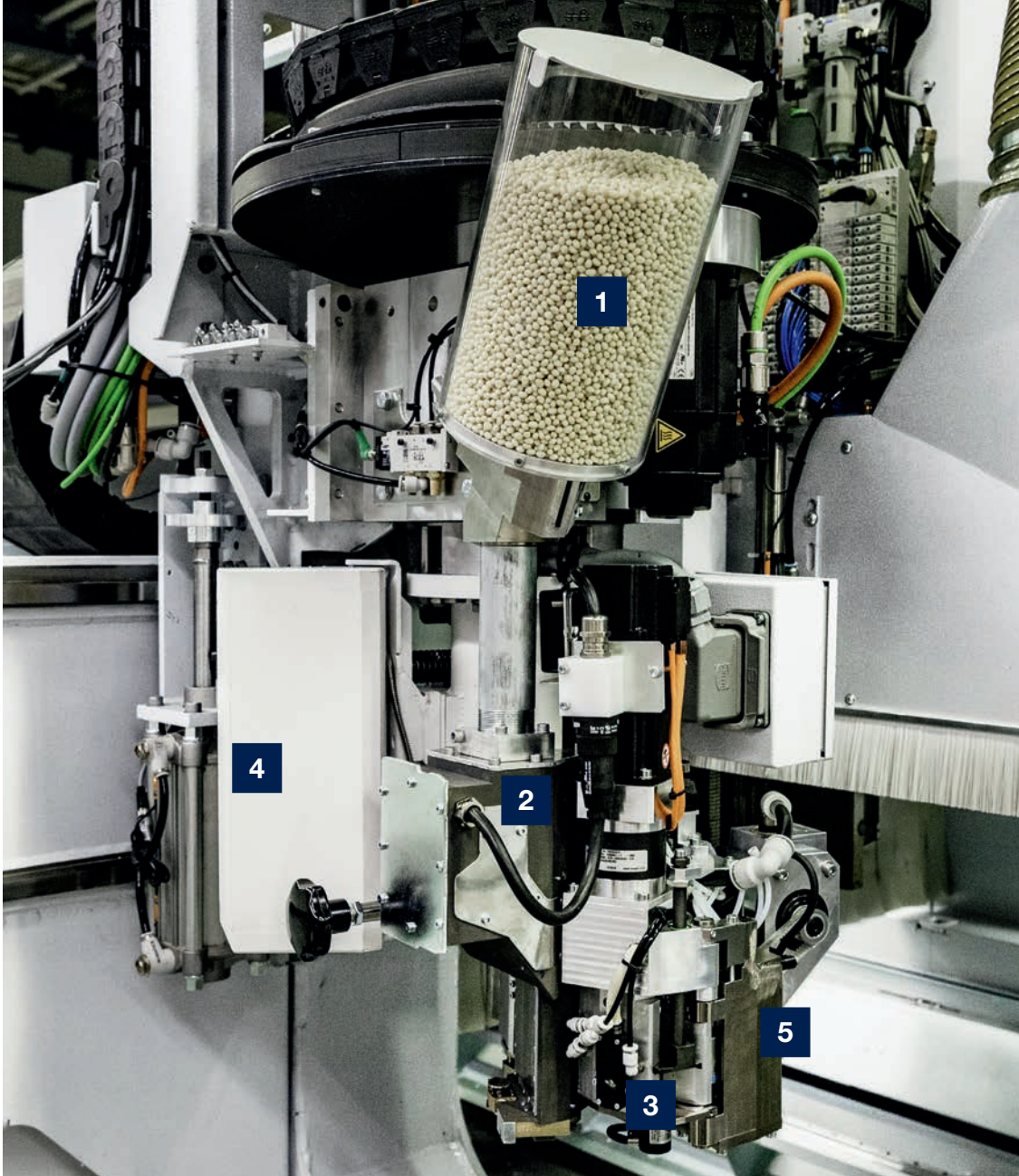
woodWOP: More options – simpler programming: by specifying a defined pressure force and temperature, there are constant parameters at every point, regardless of the contour and feed. Nothing else required. This enables programs to be created easily without lots of tests or optimization loops.



Precise positioning: Precise tracing and a feed roller with direct distance measurement guarantee CNC-accurate edge transport. This opens up new possibilities in the design of the shapes and allows perfect results for 360° gluing.



Zero joint and hot-melt glue: Combined operation without any changeover! Real combination function without conversions or changeovers. Program-controlled conventional edge banding on a component with hot-melt glue application or with pre-coated edges is possible.



For use on the following series:
CENTATEQ E-310, CENTATEQ E-510, CENTATEQ E-700

- 1 Granulate container:** The granulate container can be released with a bayonet lock and removed from the machine. This allows you to change the glue color quickly and easily. Alternatively, small quantities can also be filled directly into the application unit.
- 2 Application unit:** The application unit can be changed quickly and easily to change the glue color or glue type.
- 3 Fine adjustment via scale:** The glue quantity can be set easily and reproducibly via a scale.
- 4 Hot air unit:** The intelligent control system of the hot air nozzle improves the contouring of the edge and ensures a constant temperature at the joining point, regardless of feed, whether you're using conventional hot-melt glue or pre-coated edges.
- 5 Press roller:** The press roller presses the edge onto the workpiece with program-controlled exact force. In combination with a defined temperature, this ensures perfect workpieces with the simplest programming.

TECHNICAL DATA	
Edge height	Up to 65 mm
Edge thickness	0.4 to 3 mm (depending on the material)
Inner radius	Min. 30 mm (smaller inner radius on request)
Inner contour circle diameter	> 400 mm



Premium edge gluing
The PowerEdge Pro Duo with additional function for chamfered edges can be swiveled continuously from -7° to +45° using CNC control.

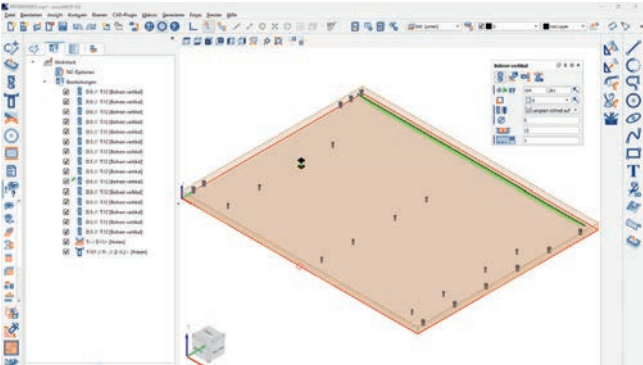


woodWOP 9.0

The CNC programming system from HOMAG

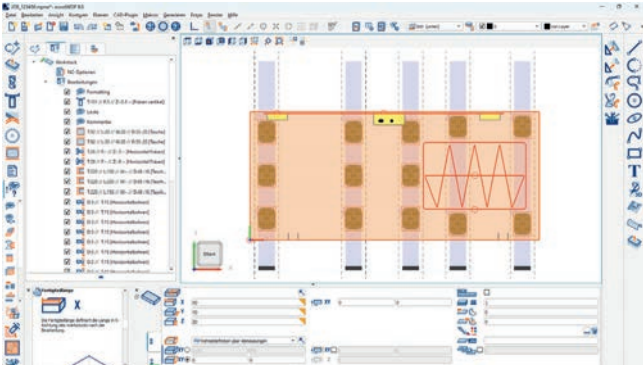
woodWOP is the CNC programming system from HOMAG. The innovative user interface centers on the large graphic area used for displaying workpieces in 3D. The relevant processing diameters can be entered and realistically displayed in the graphic to program trimming and drilling operations and saw cuts quickly and simply. This ensures optimum programming

reliability and ongoing inspection throughout the programming process. Largest global forum on woodWOP: forum.homag.com Free woodWOP demo version and woodWOP components in the download area: www.homag.com



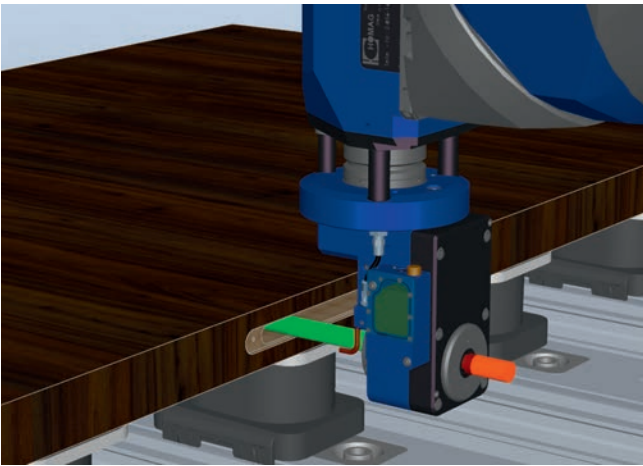
Basic functions

Numerous standard processing steps such as bore holes, saw grooves and pocket trimmings enable fast and reliable programming.



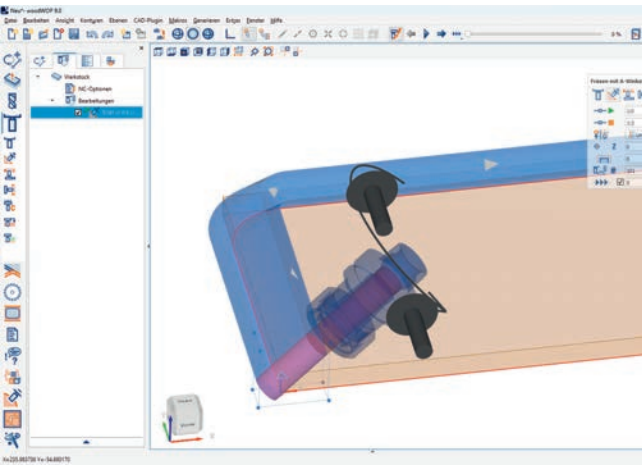
Components

The components can be used to combine and save processes such as fixture processing in individual modules. These modules can be used easily and flexibly in other woodWOP programs. This saves you time during work preparation and production.



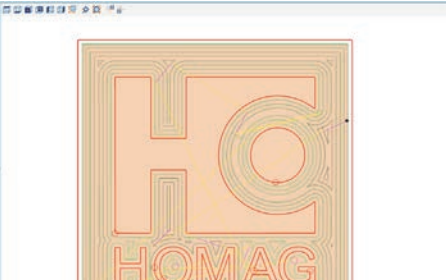
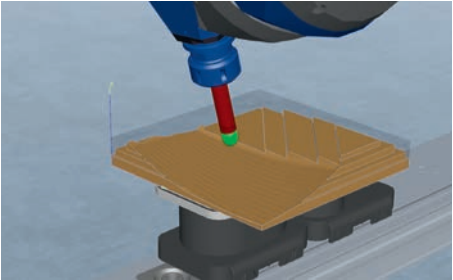
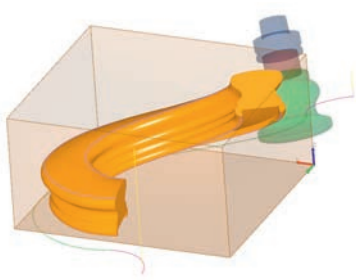
Tool optimization of components

In woodWOP, components can be grouped in a block and optimized for minimal tool changes.



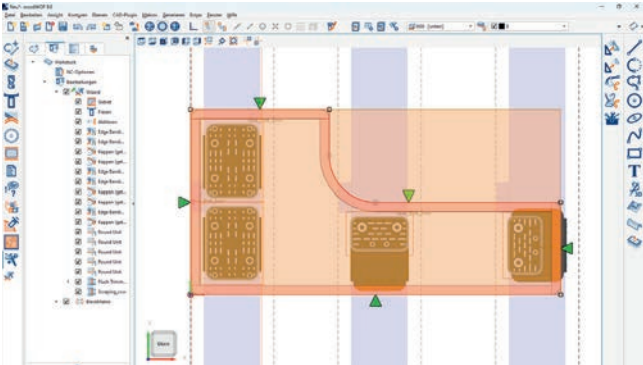
Processing macros

A variety of processing macros are available to the user for programming 3, 4 and 4.5-axis processing.



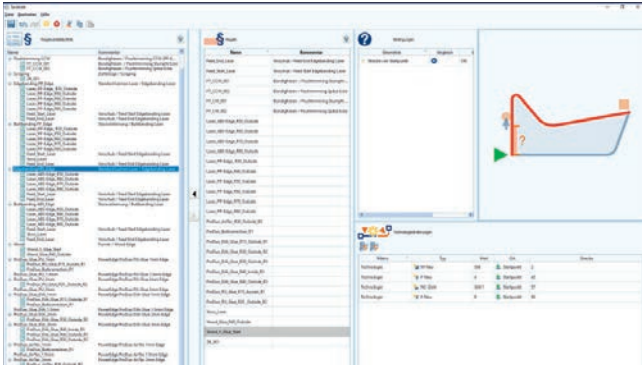
CAM basic and professional plugin

This software module enhances woodWOP, creating a CAD/CAM system that lets you process 3D surfaces with three, four and five-axis interpolation depending on the machine equipment.



woodWOP Wizard

With the woodWOP Wizard, all processing steps for edge band application are automatically generated at the push of a button. Depending on a contour, an edging proposal is generated, which can be edited and adapted afterward. The result is displayed directly in woodWOP.



Technology database

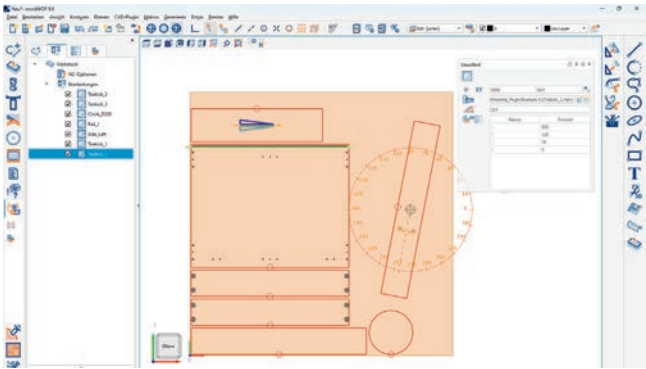
Technical parameters are automatically changed and the woodWOP program is automatically adapted depending on the workpiece contour, e.g. 2-mm PVC edge: If the radius is smaller than 30 mm, reduce the feed and switch on the hot nozzle.

The new functions in woodWOP 9.0



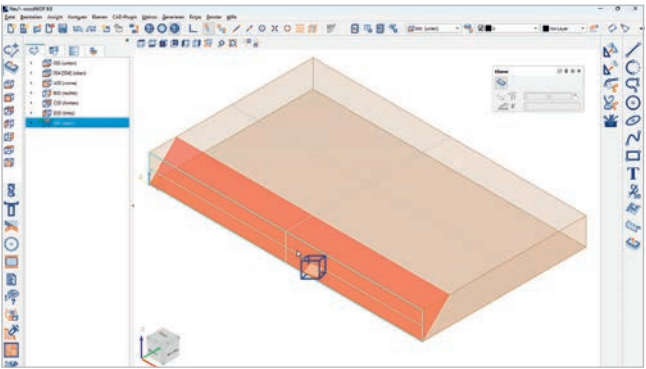
Favorites mode

Only the most important parameters of the processing macros are displayed in favorites mode. The menu is freely configurable by the user and processing steps can be switched within the macro family.



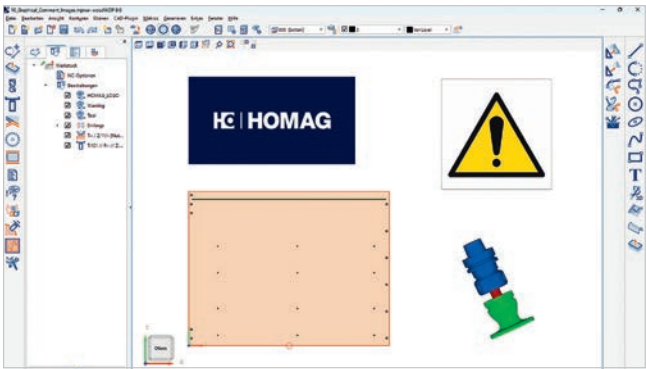
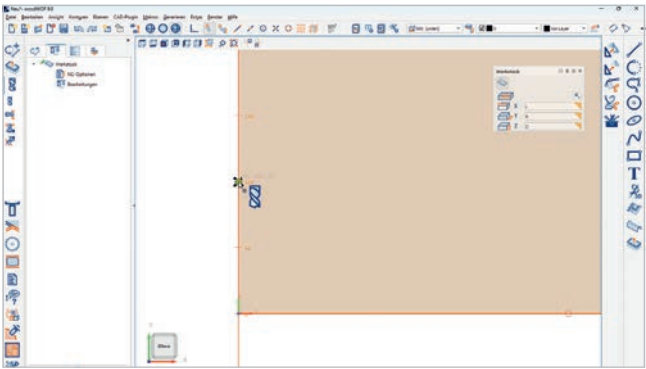
Nesting plugin expansions

You will now receive position suggestions for inserting single parts. In addition, the distance check can be temporarily switched off for more complex workpieces. LISXE files can also be imported for post-production during nesting production.



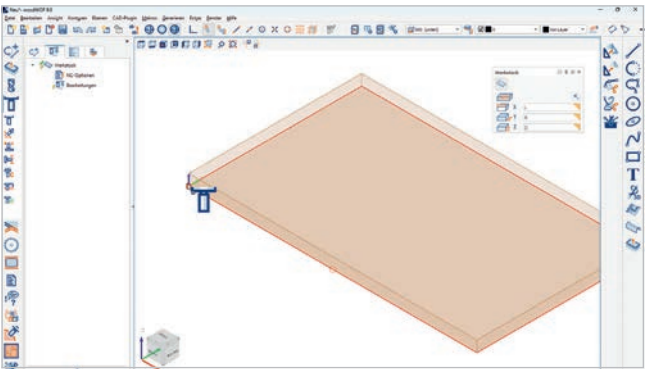
Drag & Drop

Save lots of time with drag & drop contour programming. You can quickly and easily assign starting points, lines, arcs, chamfers, rounds and splits using drag and drop. woodWOP 9.0 reduces the time required for contour programming by more than 50%. Levels, processing macros and components can also be inserted in woodWOP 9.0 using drag & drop. The drop position is automatically adopted as the insertion point.



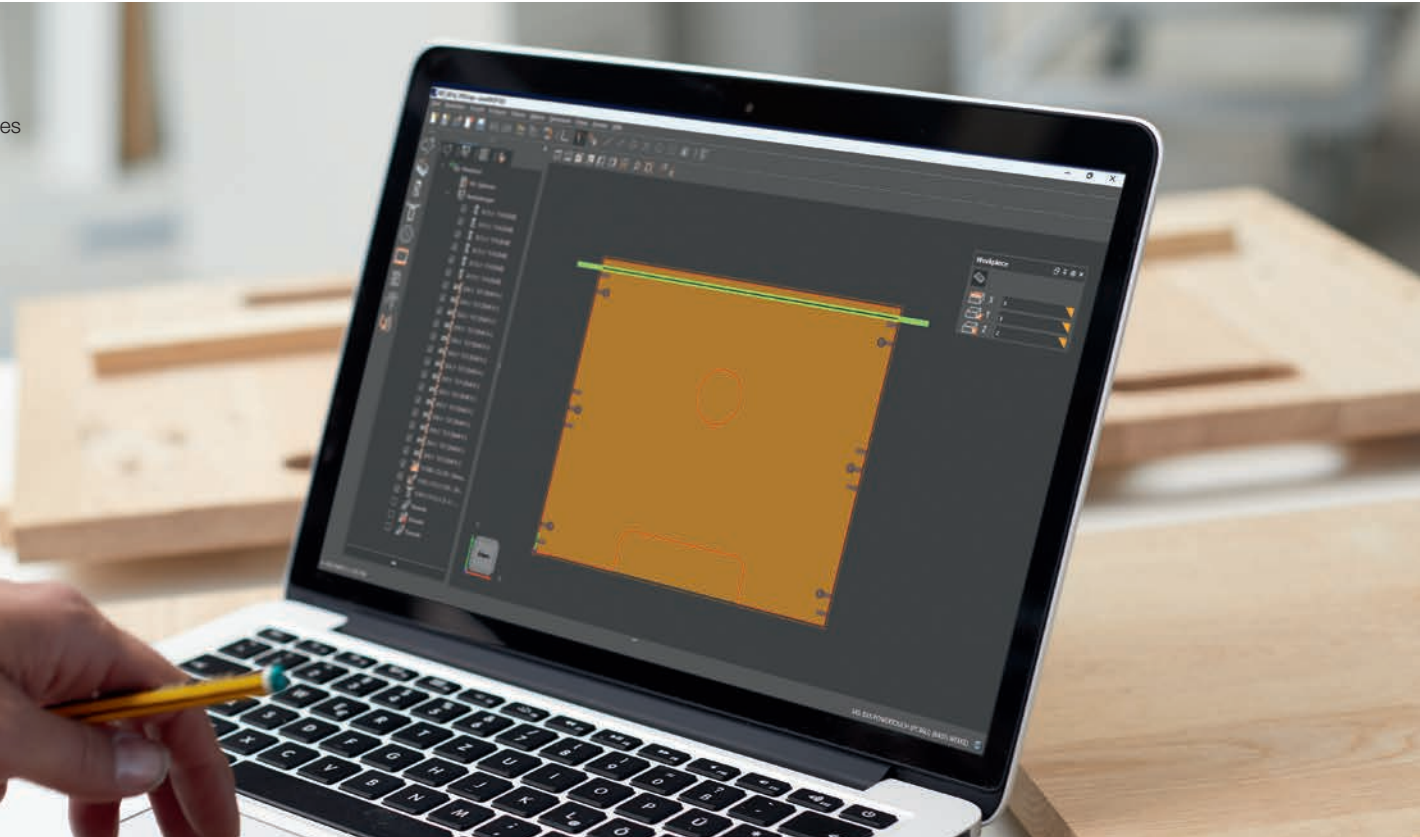
Graphic comments

In addition to *.ply files, graphics files such as *.bmp, *.png or *.jpg can now be loaded in the graphic comments. This enables better documentation and communication during the production process.



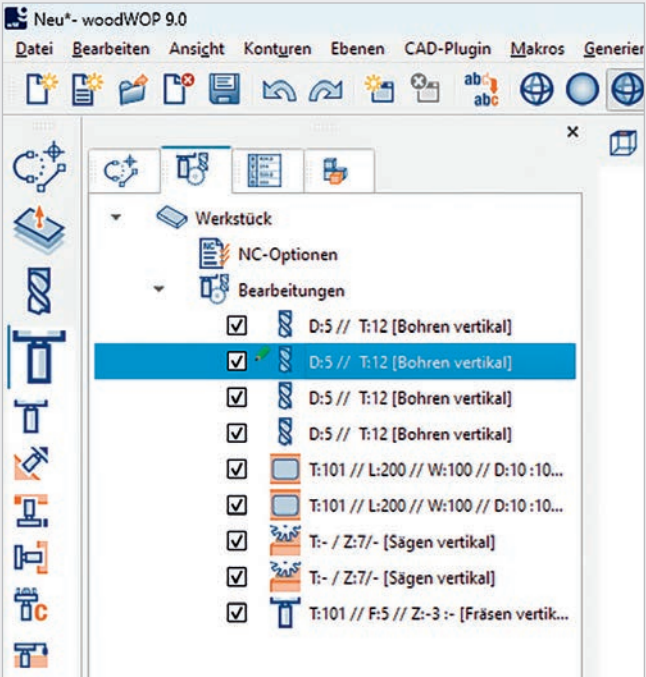
Dark Mode

Users now have the option of using woodWOP in dark mode. This increases clarity for many users and is easier on the eyes.



Macros can now be selected with a single click

Macros are selected for editing with just one click as from woodWOP 9.0. This is faster and avoids confusion between selected and edited macros.



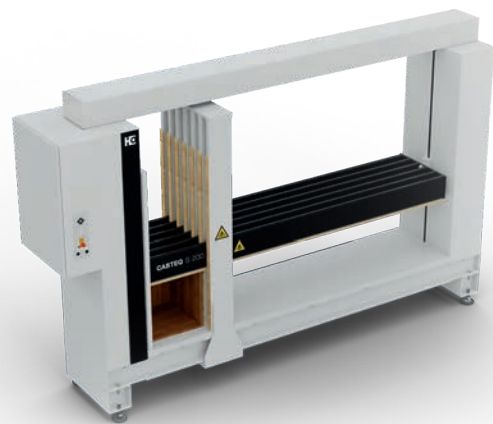


Precise to the very end.

Assembly and packaging solutions for woodworking shops.

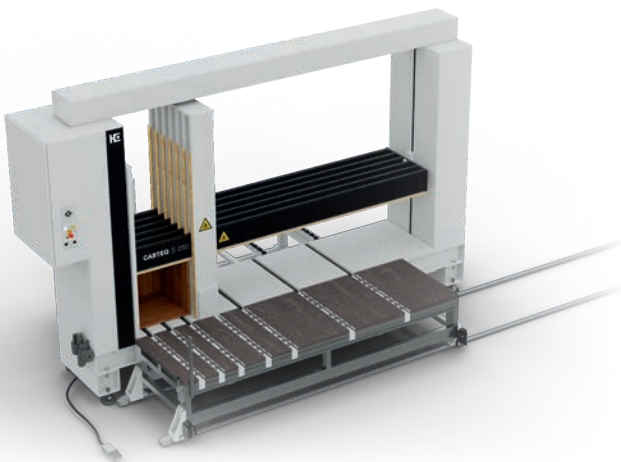
Because we look at the complete process, we also offer woodworking shops machines for assembly and packaging. You can save time and hard cash in this respect too, thanks to gradual automation.

Elegant design, perfect for assembly



CABTEQ S-200	
Body length in the press area (mm)	150 – 2.500
Body depth in the press area (mm)	250 – 700
Body height in the press area (mm)	150 – 1.400
Vertical/horizontal pressing pressure (kN)	12 – 18
Rapid speed (mm/s)	50
Crawl speed (mm/s)	25
Control system	Contact-controlled

CABTEQ S-200 – solid technology at a low price.
The CABTEQ S-200 is the ideal assembly assistant for pressing furniture bodies. The practical machine design reduces the space required by the body clamp to a minimum. Thanks to its intuitive operation, cleanly pressed bodies with accurate square sides can be created at the touch of a button.



CABTEQ S-250	
Body length in the press area (mm)	150 – 3000
Body depth in the press area (mm)	250 – 900
Body height in the press area (mm)	150 – 1 400
Vertical/horizontal pressing pressure (kN)	12 – 18
Rapid speed (mm/s)	50
Crawl speed (mm/s)	25
Control system	Contact-controlled

CABTEQ S-250 – Ergonomics for challenging cabinet assembly work.
The CABTEQ S-250 can be used in a wide range of applications, in woodworking shops, interior fittings or for special industrial production. Enhanced by an ergonomic environment, such as the movable preloading location or the manual cabinet uprighter, assembly is more efficient, performance is increased and personnel workload is noticeably lightened.

- Intuitive operation
- Sealed, cleanly pressed cabinets
- Solid pressing surface with tolerance compensation
- Plug and play



All-round protection, perfectly packaged



PAQTEQ C-250 – Every box is made to measure.
With the cardboard-box cutting machine, you produce custom packaging for each product, with maximum product protection in a just-in-time, cost-effective and sustainable process.

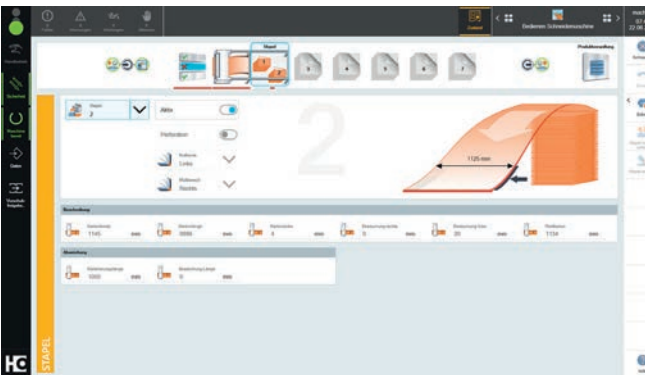
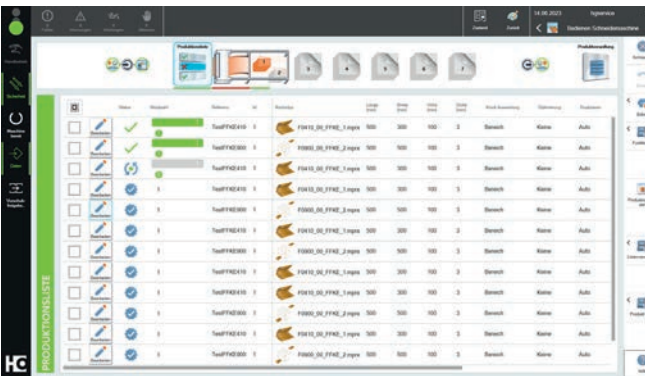
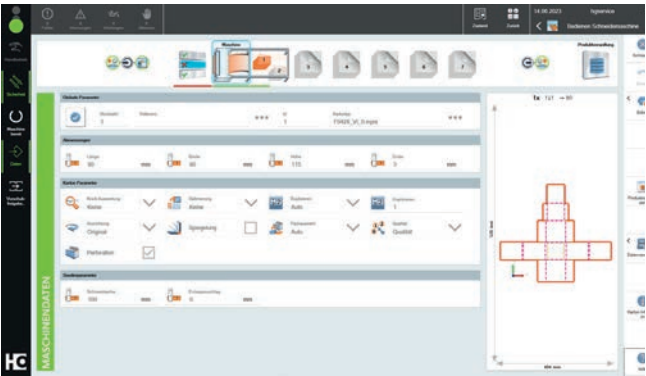
- Individuality – conveys its quality to the customer
- Product protection – professional and secure packaging
- Space-saving – inexpensive production instead of expensive storage
- Cost-saving – precisely fitting packaging, finely calculated
- Sustainability – cost-effective, customized cardboard boxes

PAQTEQ C-250	
Length of the cardboard packing, outfeed (mm)	min. 300
Width of the cardboard packing, infeed (mm)	
Single sheet	500 – 2500
Continuous cardboard, single	350 – 2500
Continuous cardboard, side-by-side	1.350 – 2.350
Stack height incl. 120 mm panel (mm)	2150
Cardboard thickness (mm)	2.0 – 7.0, +/- 0.2
Cardboard quality	DIN 55468
Single-wall corrugation, thickness up to (mm)	Approx. 4.0 (quality 1.10 – 1.40)
Double-wall corrugation, thickness up to (mm)	Approx. 7.0 (quality 2.10 – 2.30)

intelliCut – as intuitive as a smartphone

intelliCut is the control system for the cardboard box cutting machine and makes production of simple and complex cutting possible. Graphical cutting pattern displays and assistance functions make work much easier and provide intuitive machine operation, almost as if you are using

a smartphone. The online database www.paqteq-shop.com is connected directly to the PAQTEQ machine. With just a few clicks you can load packaging designs and import them into intelliCut. This is technology that is a joy to use.



- **Machine data** is recorded and visualized in real-time on the powerTouch user interface
- Statistical evaluations are possible on the actual machine
- **Waste optimization:** The cut with the least amount of waste is automatically produced
- **Cardboard box references:** The parameters for each cut (e.g. length, width, height) are saved in a recipe management system. Recurring cuts can be easily selected and produced without recurring entries.
- **Product management:** Keep your favorite jobs to hand and easily manage products and jobs that can be dynamically adjusted with individual formulas. The seamless database interface allows you to integrate your customer system efficiently and reliably.
- Optimize the identification of your packaging with our **printing option:** Print the inside of cardboard boxes individually and choose from parameterizable labels for precise, efficient labeling.
- The **multiline processing** can be used to implement more processing lines than there are cutting tools. This means that any packaging design can be cut.
- If **production lists** are used, the packaging production is automated. Interruptions with individual cuts are possible without the last settings being "forgotten."
- The intelligent **residual length management** automatically manages the cardboard stocks. Stack changes are indicated at an early stage, which reduces machine downtimes.



Precision can be programmed.

Digital solutions for woodworking shops.

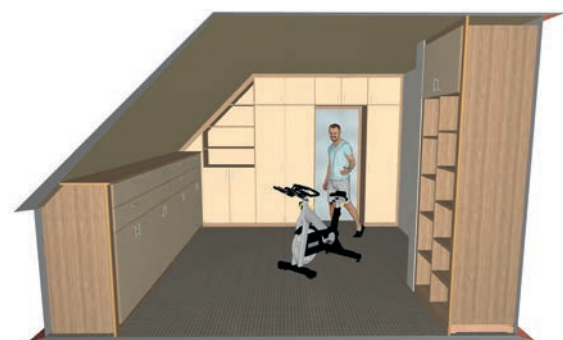
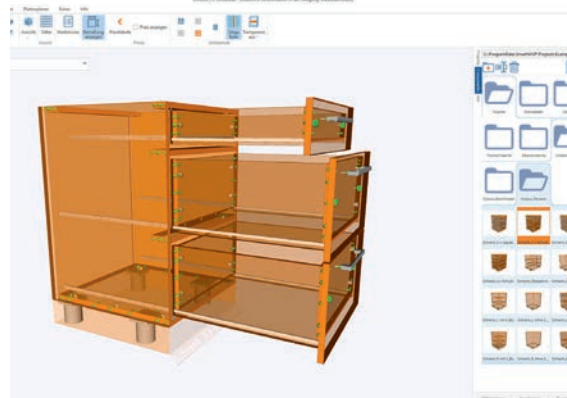
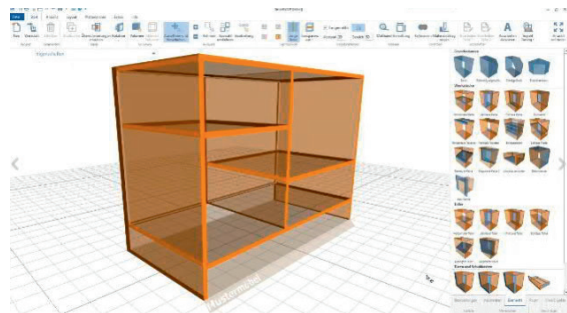
With the right software, we can help you to optimize your processes, thus ensuring efficiency and safety: from planning to design, right through to data generation for the machine. We provide a solution tailored to your requirements so that you can get the most out of your machines and your business.



SmartWOP

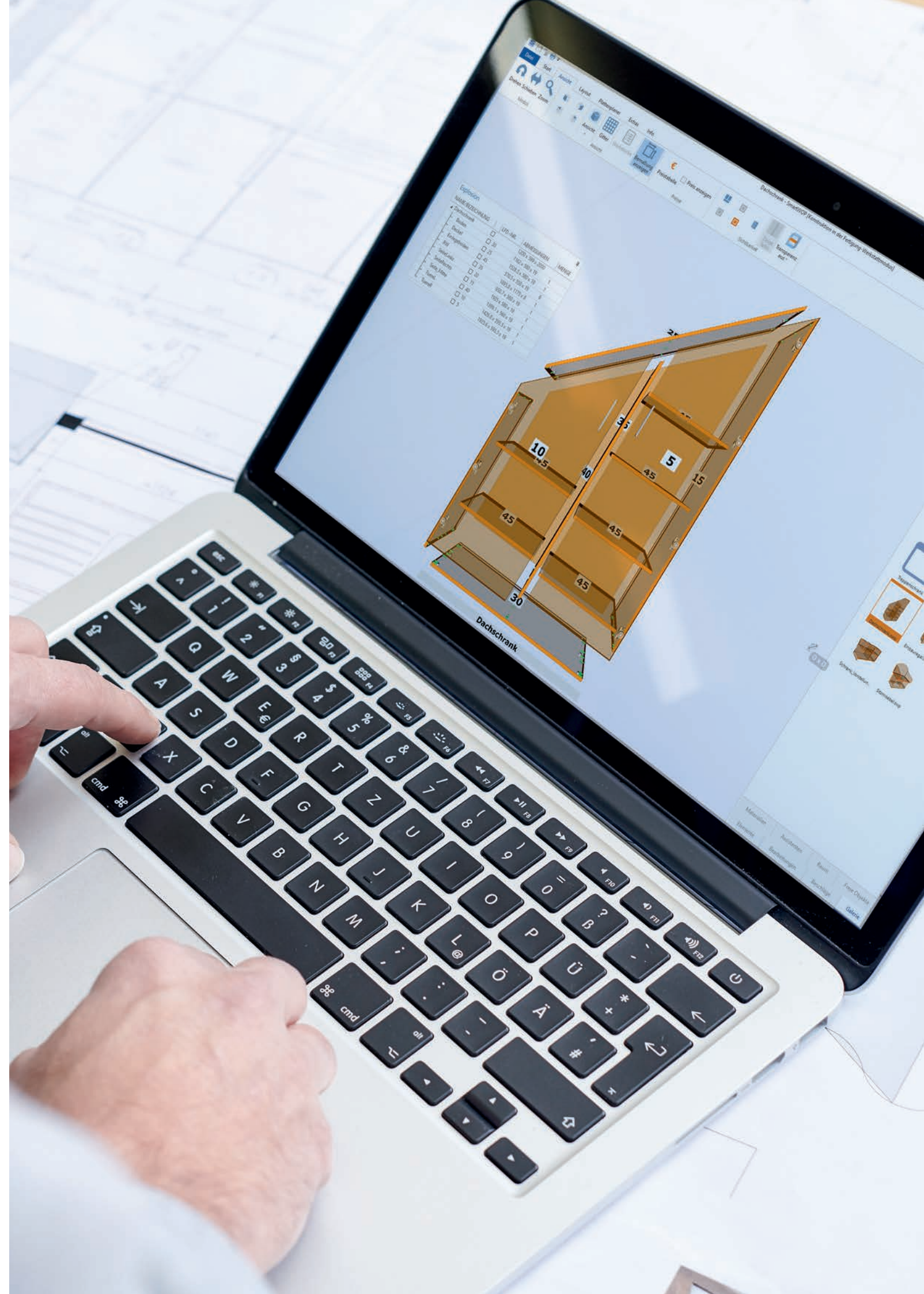
The easy way to design furniture

- Simple operation and flexible design methods via drag-and-drop: without any CAD knowledge
- Integrated creation of complete furniture with all components included, in just one process step and automatically matched to each other
- Ideally suited to cabinet furniture and related structures in furniture construction, trade fair construction and other fields of application
- Accessory library with matching fixtures from the most popular manufacturers such as Blum, Hettich and Häfele
- Integrated board library that can be supplemented individually



Benefits:

- Clever, easy, fast
- Huge diversity of performance
- Ideal for producing single pieces and small series, which previously had to be programmed manually
- Innovative integration of woodWOP into SmartWOP
- Automatic creation of material lists, parts lists and WOP programs for your CNC
- Creation of impressive, photo-realistic 3D presentations for your customers
- With a simple click: direct transfer of production data from SmartWOP to our apps and digital assistants (e.g. to productionManager, the digital job folder)





productionManager

The digital job folder brings transparency to the workshop.

With full order books, it is even more challenging to keep track of everything and to keep the job data and information up to date for all employees. With the digital job folder, everyone has access to all information about every job in real time – from the foreman's office through production to the assembly area. But the web app doesn't just support the end-to-end organization of data: it also makes the current processing status of individual components transparent.

Your benefits at a glance

- ✓ **No more endless paperwork:** The digital job folder ensures the end-to-end digital use of planning and design data and can replace paper documents in production.
- ✓ **Data import from various systems:** Create a new job or import it from a CAD/CAM system, an industry solution, Excel or use the agreed interfaces between productionManager and other software systems.
- ✓ **Full transparency:** All employees can track the job progress in real-time and view the status of items and components.
- ✓ **Flexible integration:** productionManager can be easily integrated into any existing production environment.
- ✓ **Form batches:** Intuitively combine your jobs into production batches according to key figures (e.g. the same materials) and see the effects on your production.
- ✓ **Post-production of components:** Record components for post-production in order to quickly re-incorporate them into the production process in a controlled manner.

Special features:

- **Feedback on the status within different stations in the workshop:** The productionAssist Feedback wizard (part of productionManager) is used for production. The feedback wizard displays parts and articles to be edited. Components and items can be reported as "finished" by scanning or clicking. Of course, items can also be reported as finished automatically by a HOMAG machine. The benefit is that all employees know which component or item has been processed or even already installed because the progress of the order is automatically visible in productionManager.
- **The backbone of communication between the HOMAG apps:** productionManager makes sure that the right information appears in the right place in work preparation and in the workshop.
- **Interfaces to various software partners:** The data exchange with various software partners takes place in an extremely simple and fully automated process. The result is a continuous data flow from a single source.

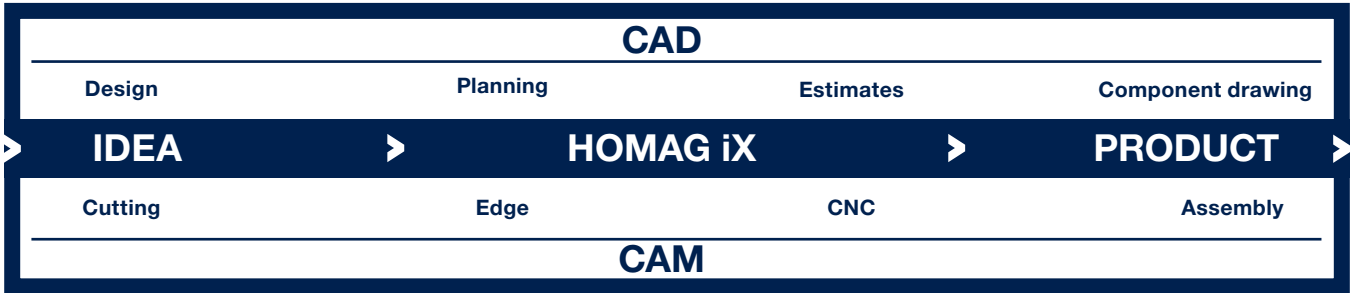


HOMAG iX

Integrated software for 3D design and production of furniture and for interior fittings



From the concept to the end product: As an integrated software solution, HOMAG iX supports the entire process, from planning and presentation to the design and production of the planned items of furniture. Regardless of whether you're producing individual pieces or planning entire room concepts – with HOMAG iX you can save time, avoid errors and work efficiently.



Easy. Efficient. Impressive.

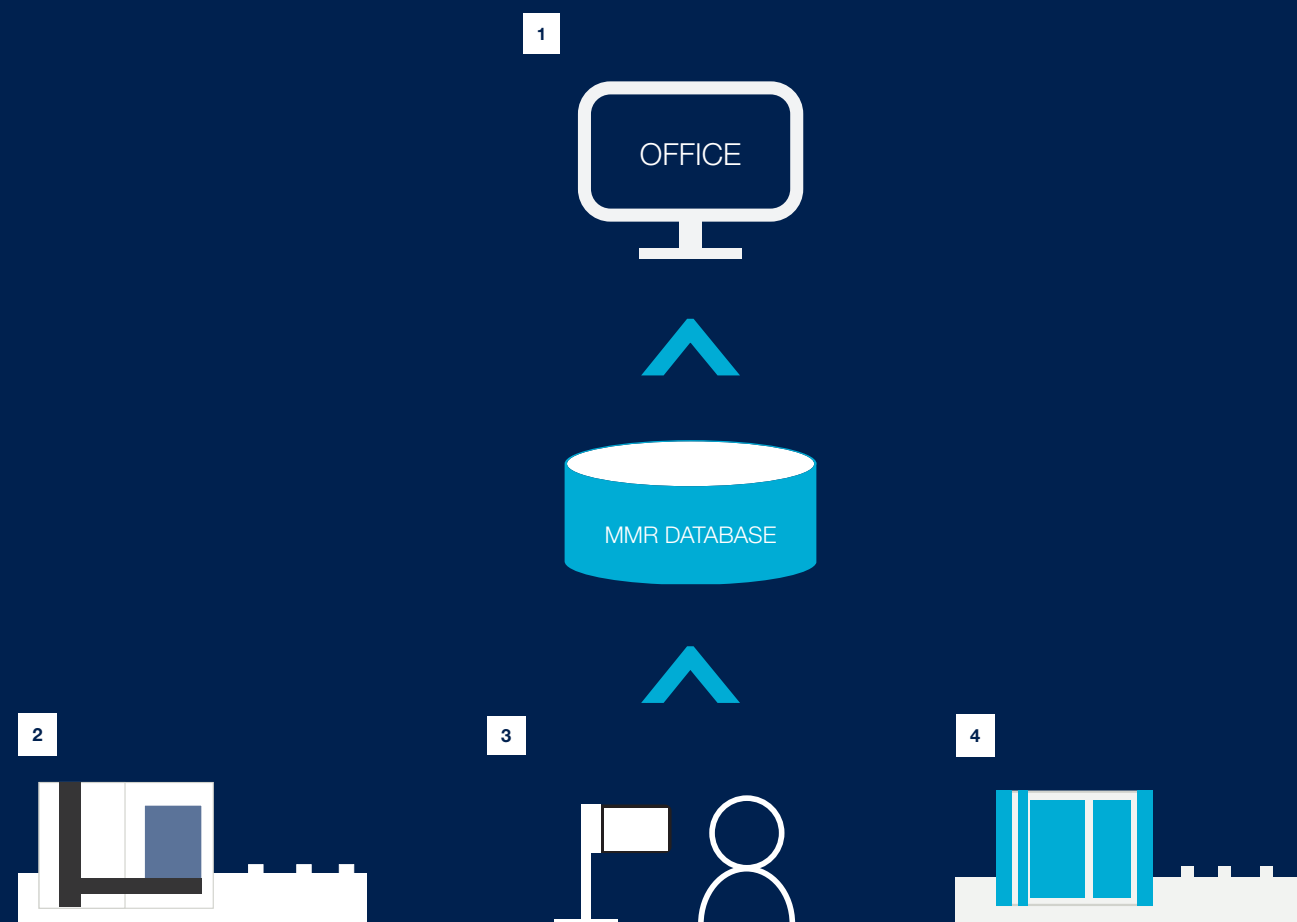
Designs for individual items of furniture or entire room planning can be created in no time and presented impressively with photorealistic images. You want to change something? No problem! You can change, estimate and display details or entire assemblies easily and at any time.

Individual. Optimal. Automated.

After the design phase, the production documents and CNC programs can be generated at the push of a button. The cutting list is transferred directly to the Cut Rite cutting optimization. The barcodes created by HOMAG iX allow you to organize your order and production processes so that they are reliable and free from errors.

Benefits:

- Integrated data flow from concept to the finished item of furniture
- A time saving of up to 70% in work preparation
- Automatic creation of sales documents: photorealistic presentation, quoting and drawing proposals
- Free, parameterized 3D design
- Extensive fixtures libraries



- 1 MMR Office**
 The MMR Office software is used to evaluate HOMAG machine data in the office. Different report types visualize the key figures and statuses of the machines to facilitate decision-making. This enables transparent evaluation and analysis of these key figures and statuses. The central storage of the data on a server provides an overview of the data of the last two years.
- 2 MMR Basic**
 Production data and statuses of each machine are automatically recorded and logged in the MMR database – directly on the machine. For example, the number of workpieces produced, the period of use of the machine, running meters for edge processing, the number of cuts or cycles, as well as maintenance instructions, day counters and absolute counters are recorded.
- 3 MMR Professional**
 The operator can manually enter additional information to supplement the MMR Basic functions. This increases the quality of the data, amongst other things by giving reasons for machine statuses, as well as the logging and assignment of names for shifts/daily production.
- 4 SCHULER MDE**
 Keep up to date even with older machines. SCHULER MDE, installed as standard on HOMAG machines up to 2011, records all production data and statuses in a similar way to MMR. Using an MDE Collector, you can then transfer this data to MMR Office.

MMR – Machine Monitoring & Reporting

Our software for analyzing your machine data

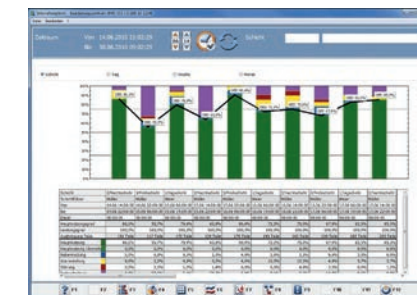
Compare once, improve over and over again.

Economical, efficient and sustainable – these are the characteristics that every business needs to achieve today if it wants to exist in the future. To check the current performance data, woodworking shops rely on production KPIs. And that is precisely what our software for machine monitoring delivers. MMR (Machine Monitoring and Reporting) records machine times and statuses, stores data, and, with standardized KPIs, provides you with the optimal basis for decisions and optimization.



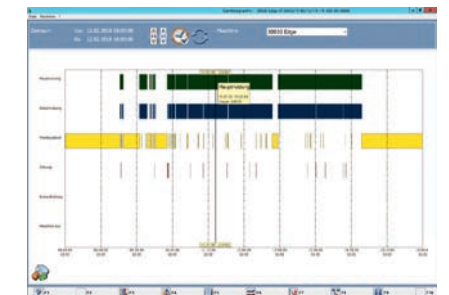
Performance monitoring.

- Immediate clarity: In the usage overview, you can see straight away which machine requires your close attention
- The current status, general KPIs and performance data for each individual machine is displayed in a clear overview
- Simply assess the machines based on your individual target limits



Interval comparison.

- The interval comparison makes evaluating the machine over a certain period significantly easier
- Compare your machines over a defined period (shifts, days or weeks) with just a few clicks

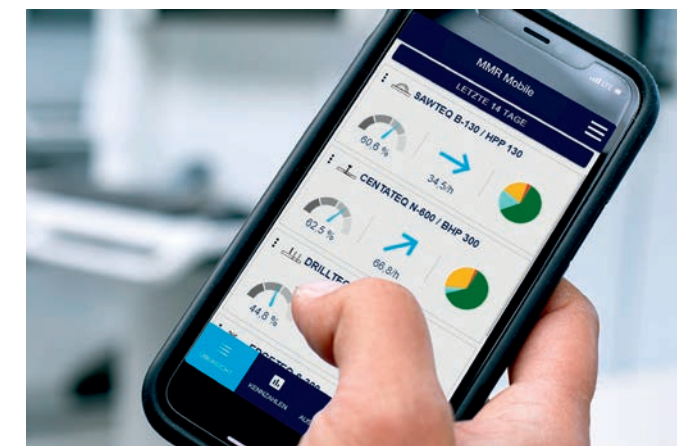


Optimization potential.

- With the Gantt diagram, you can compare all machines at a glance
- You can see straight away which status each machine had and when

MMR Mobile

Free of charge with every new machine



The aid for analyzing your machine pool

- Machine pool to go: You have continuous information about the performance of your machine pool, regardless of where you are.
- Simple analysis: Various evaluations allow you to recognize weaknesses in production.
- Identify potential: Key figures and diagrams allow you to recognize potential approaches for optimization.

Apps and digital assistants.

Quick and easy support in your machine environment.

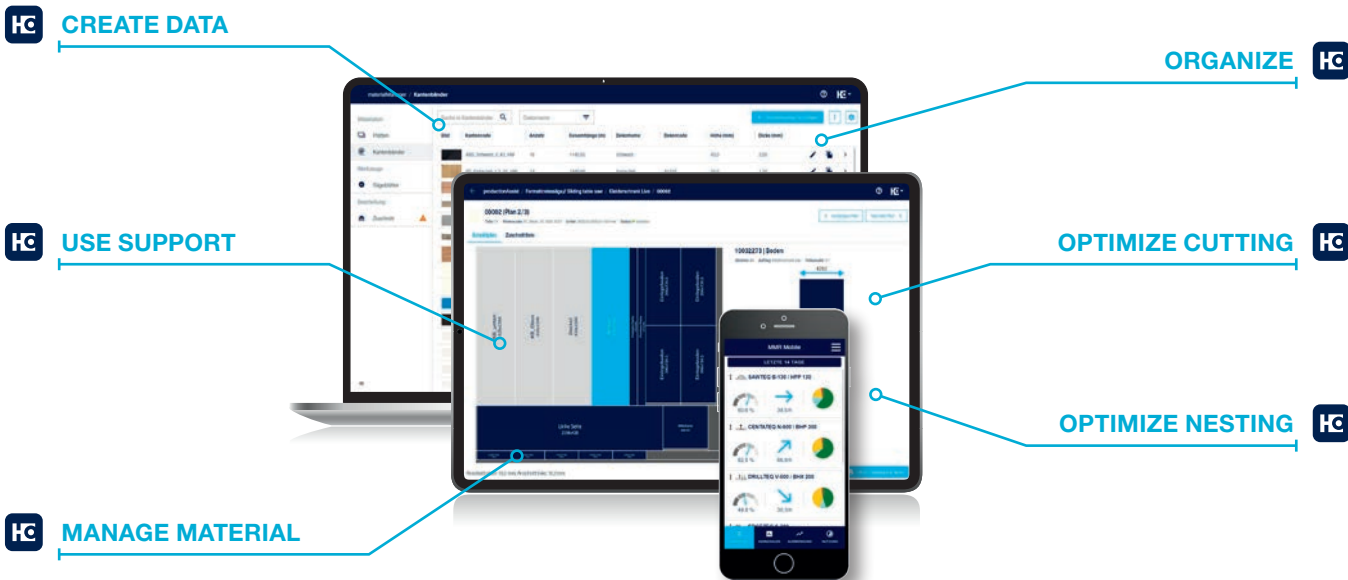
Some people still use pen and paper to create their cutting patterns. But they look at their smartphone if they want to know what the weather is like – instead of looking out of the window. We asked ourselves: why not combine the best of both? Our apps and digital solutions make your everyday work easier: machines, material, tools, cutting patterns, components – you always have everything in your pocket or on your desk.

EXCERPTS FROM YOUR FEEDBACK:

- Are there simple solutions that can eliminate various obstacles in my day-to-day work (e.g. when organizing materials or sorting parts)?
- Is there a way to slowly approach using digital assistants?
- Which tools can you try out simply and easily without having to invest huge sums of money straight away?

OUR ANSWER? SMART AND POWERFUL SOLUTIONS:

- ✓ Always low investment
- ✓ Always up to date (no updates necessary)
- ✓ Always easy to use (no complex software)
- ✓ Always helpful



THE ADVANTAGES AT A GLANCE

- No investment, update or maintenance costs
Low starting price, no unplanned financial expense
- Licenses are independent of the user
Any number of employees can use the application without incurring additional costs
- Independent of hardware and operating system
Can be used anywhere, anytime
- Open system – import possible from almost all systems (ERP, industry software, CAD/CAM, Excel, CSV)
No obligation to use specific software systems
- Simple, smart operation
Minimal training required
- More efficient production
Jobs completed more quickly, more safely and in higher quality



More information at
digital.homag.com





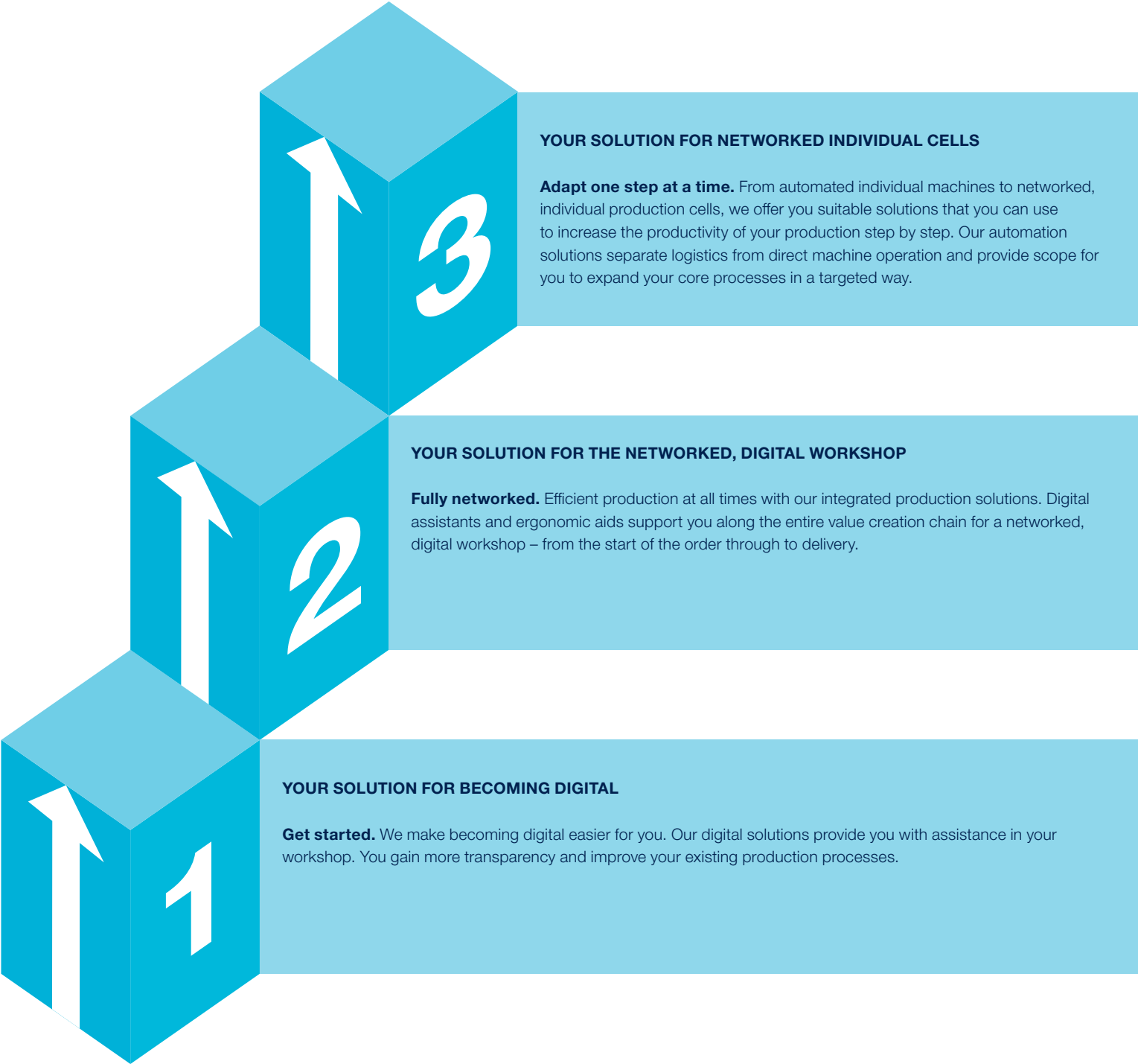
Expand the workshop.

Networking solutions for woodworking shops.

Workshop space is often limited, and the space in the order book equally so. That is why we offer you various networking options for your machines and production processes so that you can run your production even more efficiently and save even more space.

Network and make things easier

Digitalization is a current hot topic in the wood industry. Where some companies work with tablets and rely on apps to support them, others work with hand-written job lists. Each production practice has its advantages and disadvantages. But how can you find the optimal solution for your business today to take the next step forward? On the following pages, we introduce various approaches, provide inspiration and show concrete solutions so that you can continue to be successful in the future.

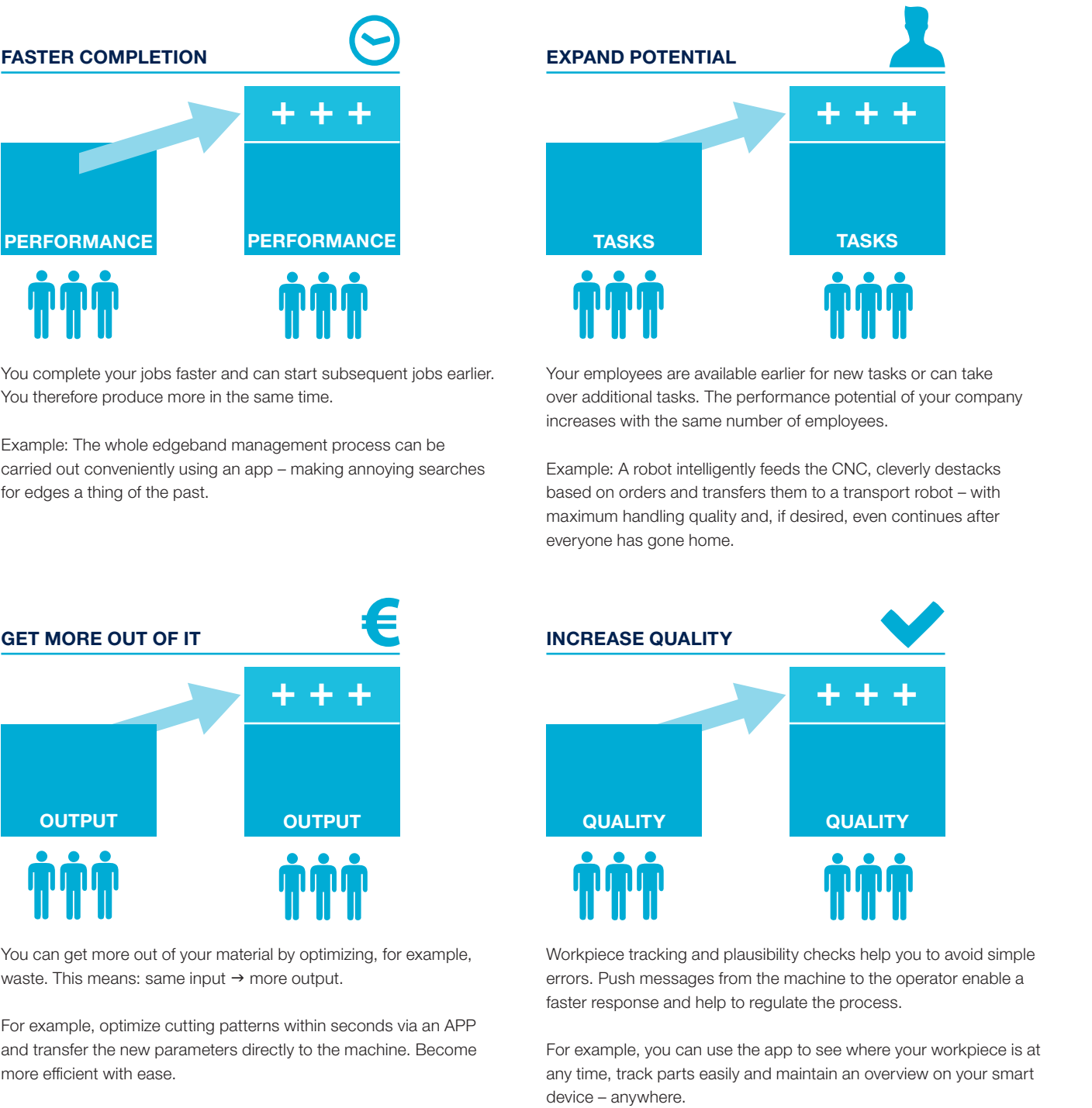


A different way to tune your workshop

Get more out of your production

Between the individual process steps in your production, you need time every day for activities such as planning, checking, searching and managing. The proportion of these indirect activities can account for much more than 50% of your production time.

This is exactly where we come in. Create more value and optimize processes by simply incorporating our artificial intelligence.





Clever combination options – storage, saw, nesting

One example of the abundance of possibilities for panel processing is a machine combination of a saw, storage and nesting unit. This combination is ideally suited to companies that require both rectangular workpieces and free-formed workpieces, such as vehicle manufacturers, shipbuilders or interior fitters. Saw, storage and nesting machines are also equipped to deal with the large variety of materials. The machines understand each other perfectly thanks to the seamlessly compatible software solutions. A perfect and integrated data and material flow is crucial for smooth interaction. woodCAD|CAM is a fundamental element of this. The user designs the product here down to the last detail. The software automatically generates the parts lists and the CNC

processing data – for the saw and nesting machine alike. This guarantees a smooth and efficient production process, even for small quantities or in batch size 1 production.

Combination: storage and nesting. Standardized interfaces link the storage system and nesting machine to create an effective production cell. The nesting machine is automatically supplied with the appropriate material, transport routes are minimized, capacity utilization is improved and there are measurable savings in material and time. The operator of the production cell can concentrate on the processing – the storage facility optimizes the logistics around the nesting machine.

Combination: storage and saw. Standardized interfaces enable panel saws to be easily integrated in storage systems and instantly bring noticeable results as a production cell. The storage system puts panels into or removes them from storage quickly, fully automatically and accurately, picks them or transports them to the connected saw. The storage-saw combinations cover the logistical requirements – from woodworking shop customers through to industrial furniture makers.





Robot integration

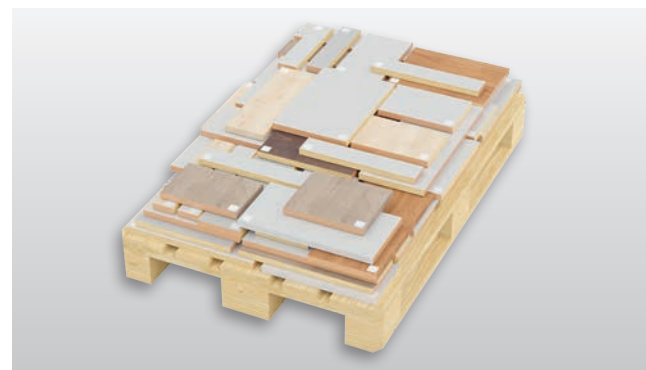
Automatic panel and workpiece handling with STACKBOT C-300

The smart concept allows parts to be picked from the entire nest as required and placed on a roller conveyor or stacked smartly onto a pallet.



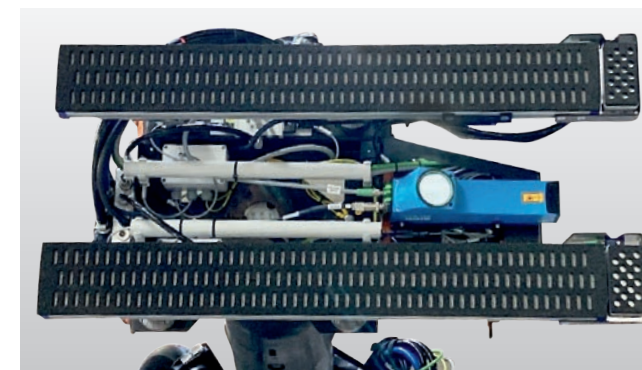
Efficient robot cross rail

- Individual and automatic control of the individual suction units
- Gentle workpiece handling thanks to rubberized suction unit surfaces
- Structures in the workpiece can be offset without reducing the suction power



Chaotic stack formation

- Compact destacking of single parts in batch size 1
- Intelligent algorithms calculate an optimal and stable stack layout
- Pre-sorting of single parts to different target stacks for efficient production processes



Picking from the nest

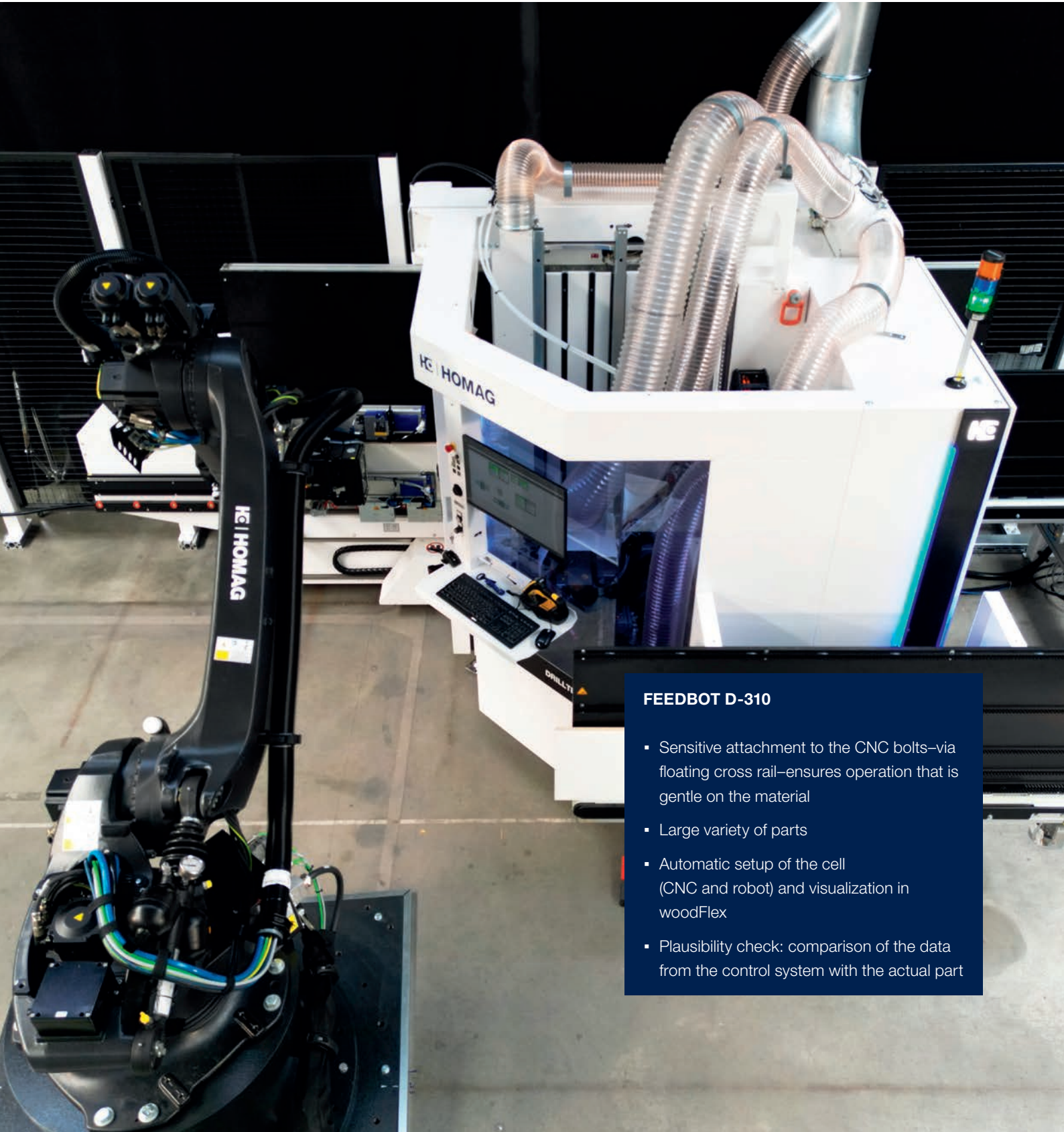
- Single parts are visually detected and identified
- All component data is known at all times and can be passed on to subsequent processes

BENEFITS OF ROBOT HANDLING AT A GLANCE

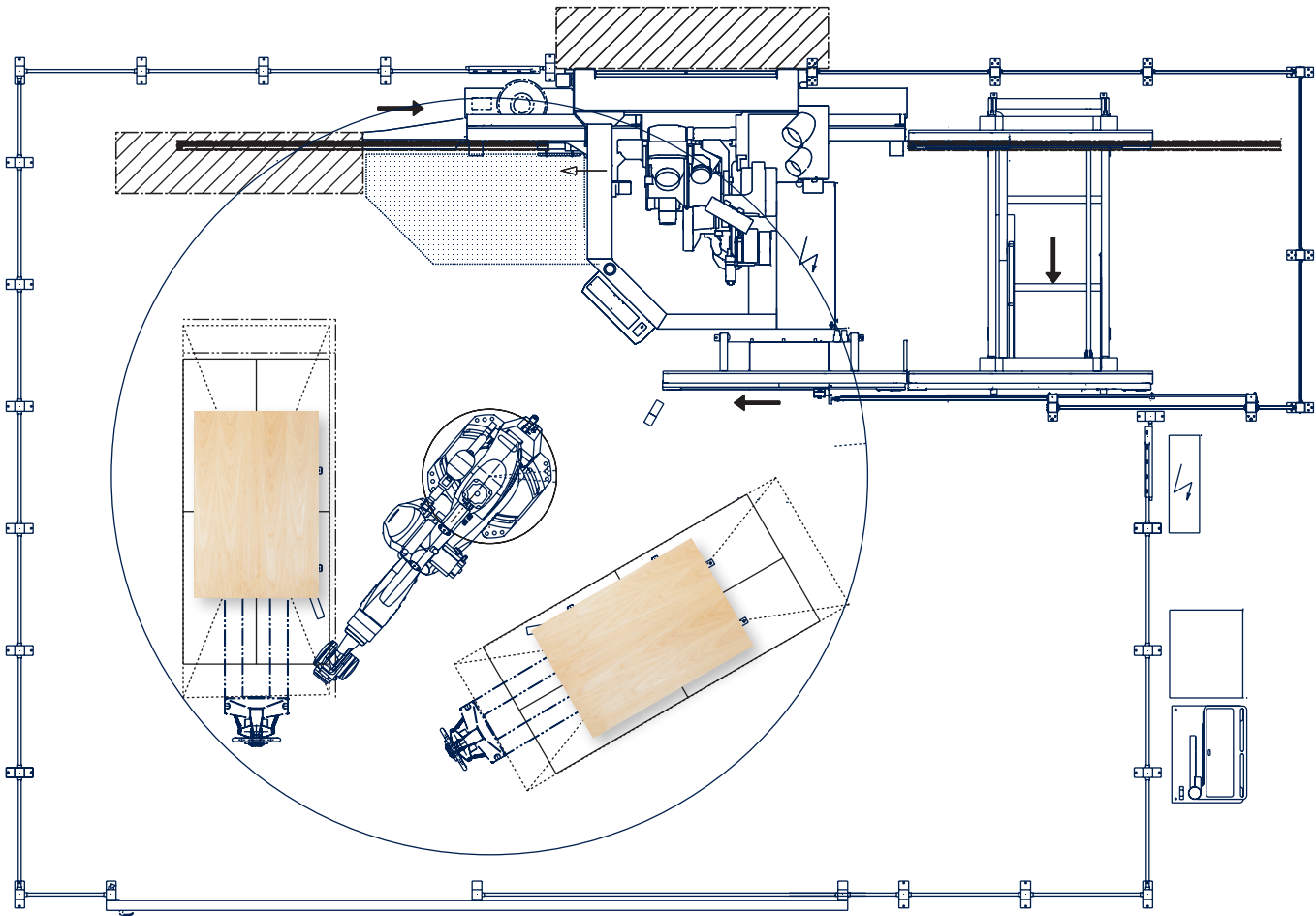
- State-of-the-art industrial image processing helps ensure maximum process reliability
- Compact destacking of single parts in batch size 1 in a chaotic stack layout
- Intelligent offcuts management for high material utilization
- One control system for simple and central operation using powerTouch 2
- No programming or robot expertise required to operate the cell
- Central remote service access for support cases, which allows a view of all cell components.
- Industrial-grade components for high availability and service life
- Increase in performance due to extended production times (over breaks, after the end of the shift)

DRILLTEQ V-series robot management

Fully automated cell for drilling and trimming



- FEEDBOT D-310**
- Sensitive attachment to the CNC bolts–via floating cross rail–ensures operation that is gentle on the material
 - Large variety of parts
 - Automatic setup of the cell (CNC and robot) and visualization in woodFlex
 - Plausibility check: comparison of the data from the control system with the actual part



A CNC processing center with robot support forms one of the smallest possible cells in furniture production. With this combination, the FEEDBOT increases your overall productivity. It doesn't require breaks, can work in the workshop around the clock and ensure a consistently high level of quality.

By using the FEEDBOT D-310, small and medium-sized businesses will save a lot of time and reduce the workload for employees. The resulting flexible organization of personnel enables you to use your workforce for other value-adding activities and production processes.

This creates added value for your system in terms of quality, availability and performance.

- ADVANTAGES OF ROBOT MANAGEMENT AT A GLANCE:**
- High availability – machine runtime can be extended to almost 100%
 - Long service life – no dependence on the lack of skilled workers
 - Highly flexible production – no training required for new processes
 - Low-maintenance operation – 24/7 availability (no vacation, illness, breaks)
 - High cleanliness and low background noise
 - Ergonomically friendly – almost zero manual part handling
 - Consistently high quality: No reduction/change due to a change in workforce



VALYOU

Our Mission, Your Performance.

Building productivity.

Decades.
With a trunk full of
operating hours.

Our life cycle services come with an added value.

LIFE CYCLE SERVICES

Improved performance, more efficient processes, faster help, assurance of availability and smarter working

TEAM & COVERAGE

Largest global service network in the industry with over 1,350 personnel.

INSTALLATION & COMMISSIONING

For a smooth start, we only let proven experts manage your setup.

OPERATION & CONTROL

After teaching your personnel the intuitive control system, our clever apps help to make the operator's life much easier.

MAINTENANCE & SERVICING

To keep things running, we're happy to take a preventative approach. You decide how often and how intensively you want the support to be. As we all know, prevention is better than the cure.

eSHOP & ONLINE ADVANTAGE

A few clicks and it's fixed. Receive exclusive advantages by ordering spare parts online, depending on market availability. shop.homag.com

HOTLINE & READINESS

When there's an emergency, we're here. Direct by phone, digitally via app or video, or with on-site support. We are close to you with over 90 regional service organizations worldwide. With more than 35,000 spare parts immediately available, we can deliver 85% of your orders fast.

TRAINING & EDUCATION

With classroom, live online or eLearning training, we offer flexible options to help you get knowledge. We conduct over 4,000 customer training courses every year, and we even have our own training centers in 19 countries

MODERNIZATION & IMPROVEMENT

Our modernization program is tailored to your machines and processes. We can evaluate your data and situation and advise you on the next step.

ANALYSIS & SUSTAINABILITY

On request, we analyze all your processes with proven tools and procedures (LeanSixSigma). We have a large, certified team of experts for this purpose.

FINANCING & CONSULTING

We offer you tailor-made financing concepts worldwide. With more than 60 years of experience and a close partner network of prominent banks and insurance companies to help us to find the right solution for you, we're always transparent and reliable in processing.

Fast support:

94% resolution rate via our hotline

Close to you:

1,350 service experts worldwide

We get things moving:

Over 1,000 worldwide spare parts shipments each day

No one else has that:

Electronic documentation on over 150,000 machines, available in 28 languages

VAL YOU

Our worldwide service network

Our VAL YOU comes from VALUE ADDED. Our objective is derived from this: We create added value for you personally by getting the most out of your processes. We believe that good service means providing assistance quickly, as well as being on hand to deliver expert advice. What's more, we like to work closely with our customers. To this end, we have put together a comprehensive package of different service modules that are closely aligned to your processes and can be used flexibly. And this means they'll fit your requirements perfectly!

Always up-to-date:

> 3600

modernization orders per year

We get things done:

> 2000

spare parts shipments worldwide every day

Quick help:

94%

solution rate on the hotline with more than 160 remote service staff

Knowledge transfer:

> 4000

worldwide customer training courses (events) per year

Always in stock:

> 22,000

spare parts, more than 85% of which are delivered to the customer's site in less than 48 hours

Experts in your area:

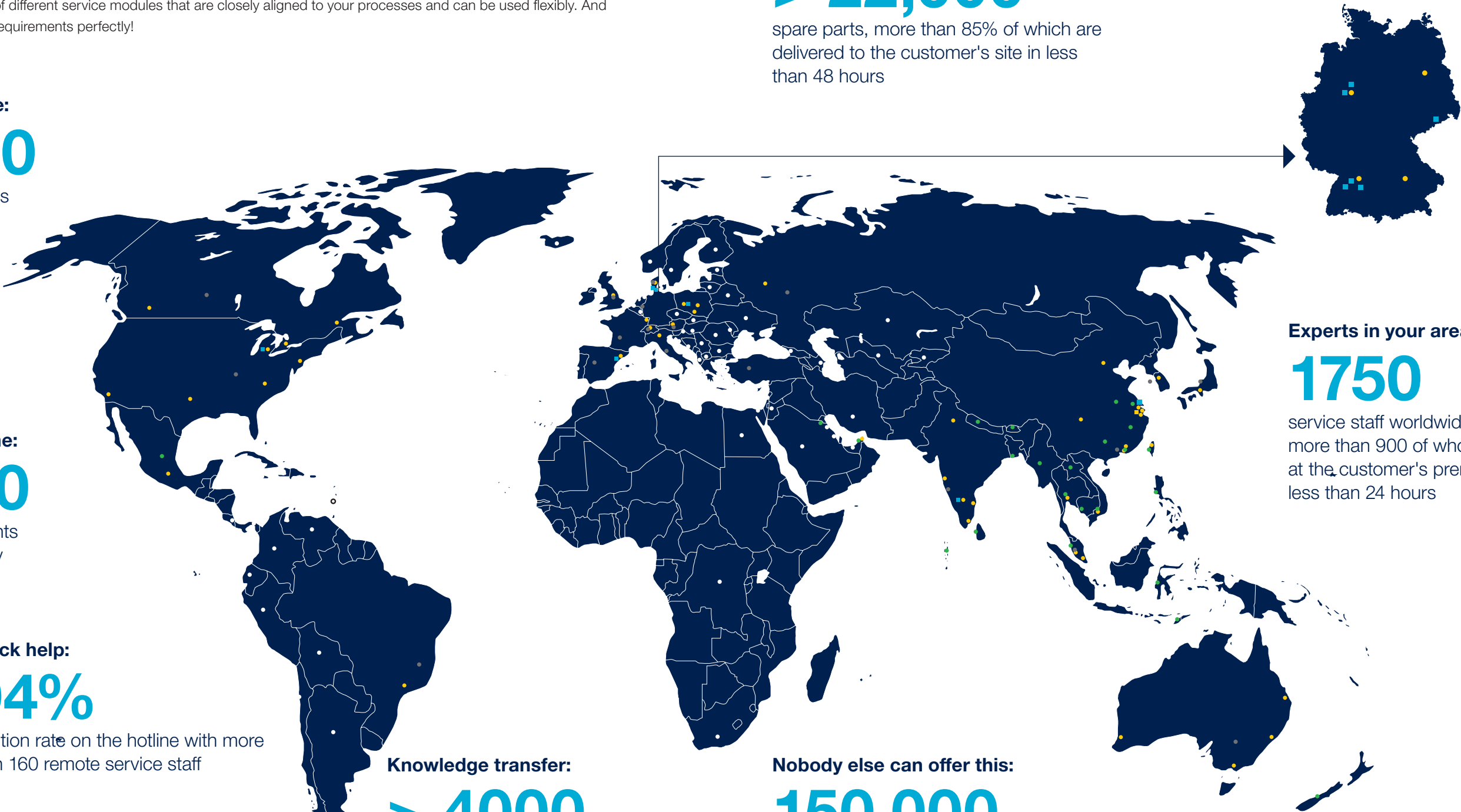
1750

service staff worldwide, more than 900 of whom can be at the customer's premises in less than 24 hours

Nobody else can offer this:

150,000

machines electronically documented in 28 languages in eParts



- Production sites worldwide
- Sales and service companies worldwide
- Branch offices of sales and service companies worldwide
- Exclusive sales and service partners 1



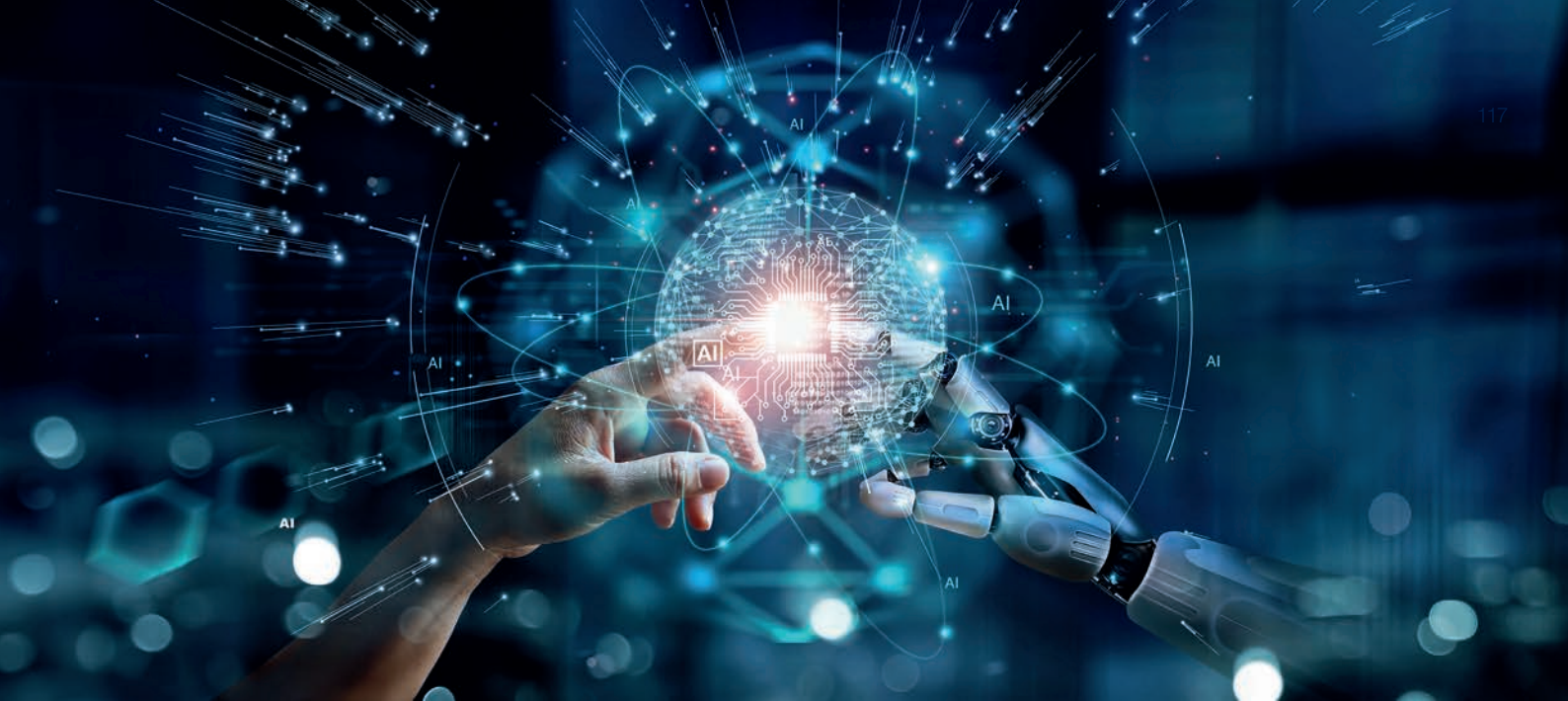
iPackage

Our service contracts – simple and clever

Our attractive iPackage combinations are now available for all series. Saving has never been so easy. A combined service package at an enticing fixed price. The offer is particularly appealing for small and medium-sized companies that work in a single-shift operation.

iPackage Minute		iPackage Classic	
SME customers < 1000 h/year		SME customers < 2500 h/year	
Including Inspection Advanced every two years		Including Inspection Advanced annually	
Including Hotline Minute		Including Hotline Flat Classic	
Including apps: ServiceBoard + serviceAssist		Including apps: ServiceBoard + serviceAssist	
Machine	iPackage Minute	Machine	iPackage Classic
Individual for configurable machines	Annual price, excl. traveling expenses	Dependent on gross list price	Annual price, including traveling expenses

Up to 10% saving compared to purchasing the products individually



Predictive Diagnosis

The new option for your service contract

Find out today what will happen tomorrow

Predictive Diagnosis helps you avoid unexpected downtime and increase the efficiency of your production. Just like a smart watch that helps you stay healthy, Predictive Diagnosis provides an early warning about potential problems with your machines or equipment. Learn how our innovative technology can help you stay ahead of the curve.

Predictive Diagnosis ensures that you...

- ✓ ...receive a monthly report with individual maintenance recommendations by email for your HOMAG machine pool.
- ✓ ...get tips on how to operate your machinery, making it more efficient.
- ✓ ...reduce wear and thus save valuable resources.
- ✓ ...receive an ad-hoc warning by telephone if there is an imminent high potential danger.
- ✓ The serviceAssist app is included free of charge. This gives you an overview of upcoming maintenance tasks, suggested solutions with step-by-step instructions and many other features.

Predictive Analytics

- Analysis of the health status of your machine using the expertise of our experts in HOMAG Service in combination with state-of-the-art technologies – such as artificial intelligence.
- We will contact you by phone or email if we find any critical irregularities.

Reporting

- Monthly report by email in which we summarize all important findings for you – if we detect irregularities in the machine data we retrieve.
- Monthly maintenance summary by email with access to details and instructions in serviceAssist.

serviceAssist app

Including useful features such as

- Maintenance overview
- Proposed solutions
- Spare part history
- Machine documentation

The sR Bridge: Innovative remote service solution for your HOMAG machines*

With the sR Bridge, a small, powerful MiniPC including software, you put yourself in a position to realize online remote access by our service team at any time at your own request. We are offering this proactive service in response to the new EU regulation (Cyber Resilience Act (CRA)) that recently came into force and will apply from December 2027. The remote connection is GDPR-compliant thanks to the sR Bridge and enables us to offer you our online support (e.g. updates, check-ups) at any time. With the aim of improving your security, protecting you from cybercrime and thus supporting the smooth functioning of your business. Benefit from the advantages of sR Bridge.

* sR Bridge can be combined with the operating systems WIN XP, WIN 7, WIN 10 and Linux. Older operating systems on request.

eParts meets eShop Modern spare parts management

Discover our new eParts in the eShop – one login for both systems and even more benefits:

- **Easy:** Identify spare parts, receive information and order immediately
- **Quick:** Fast delivery of spare parts
- **Convenient:** Create watch lists & save shopping carts



The 5 benefits of sR Bridge*

1

A central access point
sR Bridge not only offers faster and simpler help, but also reduces the number of individual interfaces to us to a minimum.

2

Feel secure – be more secure
By using the sR Bridge, your connection between the machine and the HOMAG service team meets the standards of security and data protection guidelines in accordance with the new EU legal basis (Cyber Resilience Act (CRA)) and GDPR Art. 32.

3

Duo included
Powerful hardware AND software are included in the price.

4

DoItYourself – save flexibly
You will receive a set for guided self-installation. You choose the right time within your day-to-day business and save the costs of a technician assignment.

5

Automatic security and performance updates with our service contract combination (optional)
Our service contract, which can be terminated annually, offers automatic security and performance updates for the sR Bridge. Any software updates required to connect the sR Bridge to the machine are also included in the contract. This level of protection meets the highest standards and is sure to please your insurance company.

ONLY applies to HOMAG machines

INTERESTED?

Get your personal quotation:
hotline@homag.com

How you benefit:

One login – Two systems:
eParts – Identification of spare parts and management of licenses
eShop – View spare parts including prices and order immediately

3% online discount* on spare parts

Free shipping*

Order today – Delivered tomorrow: For most spare part orders placed by 3 pm with express delivery, delivery will be the next day*

Large selection: Over 30,000 spare parts available

Order upgrades and repairs easily online

*Valid for orders in Germany and Austria.



HOMAG Group AG

info@homag.com
homag.com

YOUR SOLUTION