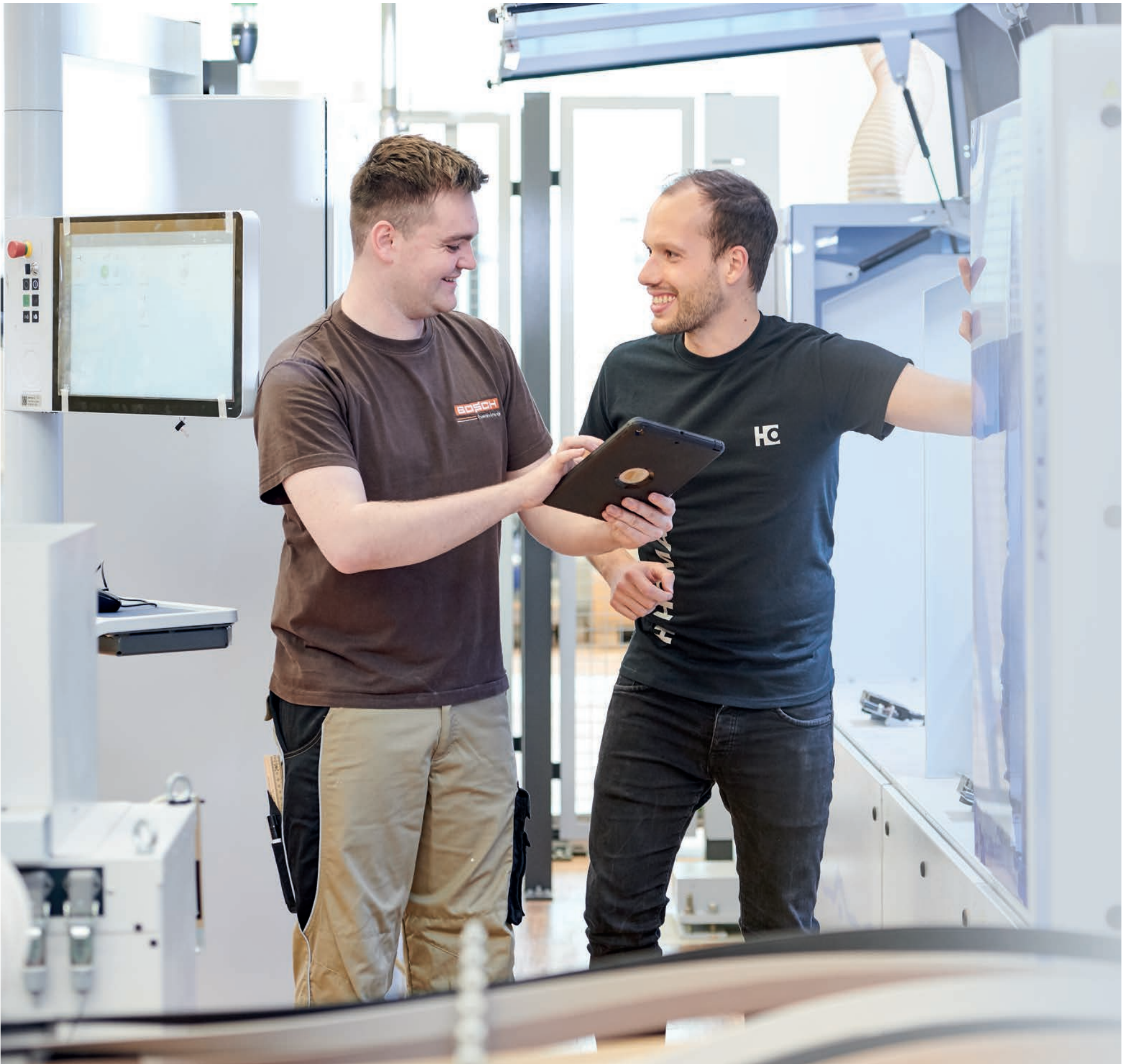


Modernizations Pimp my HOMAG

LIFE CYCLE SERVICES

Increase the efficiency and productivity of your machine with our modernizations.





An investment in the future: Modernizations from HOMAG.

Optimal support for your machines over their entire life cycle is important to us. We therefore offer varied and individually tailored modernization options. We make sure that your machine can produce productively for even longer, that you are correctly set up even when requirements in technology, products and needs change, and that your machine meets the latest requirements in terms of safety technology.

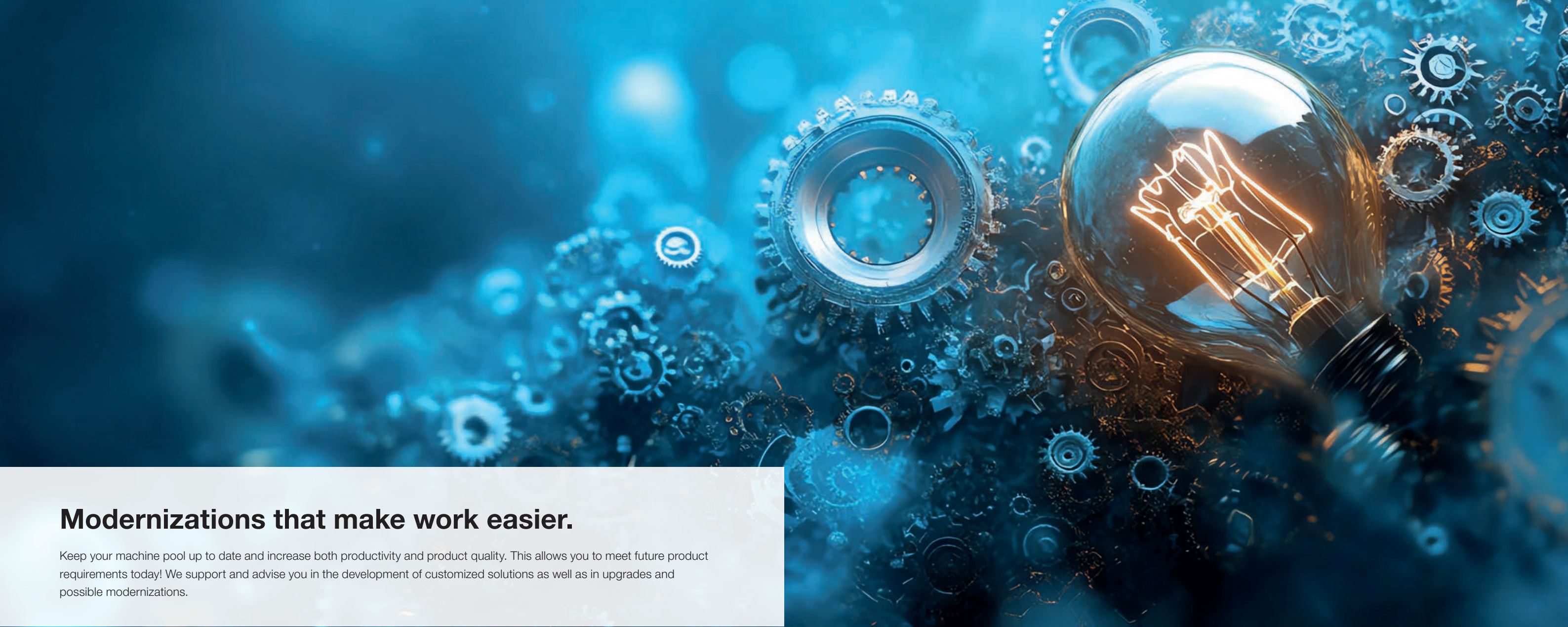
YOUR SOLUTION

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



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- 08 CNC technology
- 10 Edge technology
- 12 Automation
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- 15 Systems
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Modernizations that make work easier.

Keep your machine pool up to date and increase both productivity and product quality. This allows you to meet future product requirements today! We support and advise you in the development of customized solutions as well as in upgrades and possible modernizations.

Panel dividing technology

- toleranceCheck
- STORETEQ F-100
- intelliGuide
- Labeling
- Upgrade CADmatic 5
- CADmatic destacking module

CNC technology

- Spindle cooling
- woodWOP 9.0
- woodWOP CAM plugin
- Floating licenses for software
- Tool life travel calculation
- Additional control panel

Edge technology

- Workpiece return system TFU 120/140
- Solvent spray unit
- Metering slide
- Sliding carriage
- Air cushion table
- Joint trimming unit
- Zero joint technology with laserTec

Automation

- Additional tool pair
- Air cushion table
- Pintle for narrow parts
- woodStore 8
- Automatic lubrication
- Vertical guard plate

Surface technology

- Fixing of small components
- Measurement of workpiece thickness
- Support and deposit aid
- Software update „Vintage look“
- Software update „Framework program“
- Upgrade 15” touch display

Systems

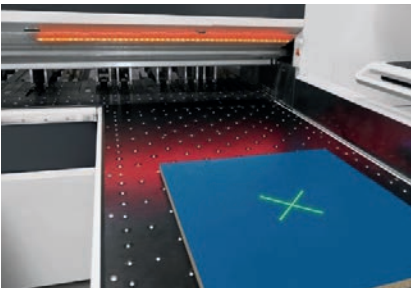
- Workpiece returns
- Robot Systems
- Feeding solutions

Comprehensive modernizations

- Windows 10 Upgrade
- serviceAssist
- serviceRemote
- tapio-ready
- MMR professional
- Barcodesystem Hands-Free



Panel dividing technology

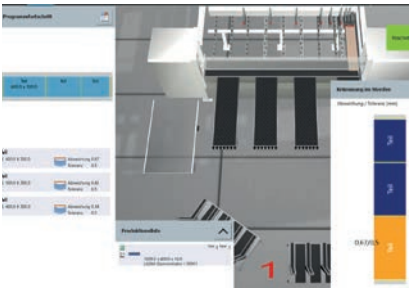


intelliGuide – fast, easy and intuitive

Completely intuitive operation of your saw with the intelliGuide visual operator assistance system.

Your advantages:

- Shorter throughput times
- Faster and safer work
- Systematic means of avoiding errors
- Camera system (optional)
- Laser projection (optional)

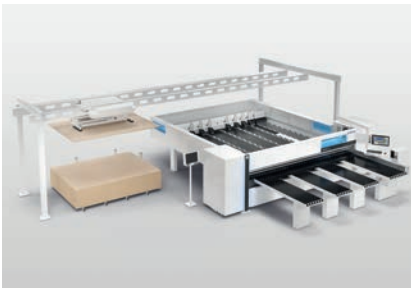


toleranceCheck

Permanently produce dimensionally and angularly accurate parts.

Your advantages:

- Ensures the individually required dimensional and angular accuracy of parts – especially in the case of stressed material
- Creates transparency regarding panel quality and increases process reliability of downstream processing steps
- Rejects are detected before cross-cutting and can be declared as reusable remnants
- Assessment of material quality



Single-axis feeder STORETEQ F-100 – well thought-out and variable

Efficient loading portal with minimal space requirements.

Your advantages:

- Increased productivity and material throughput thanks to automatic feed
- Ergonomic cutting
- Gentle material handling
- Low space requirement due to short transport paths for material and compact installation dimensions



Labeling for reliable marking and identification

To ensure that your processes continue to flow smoothly after the saw. Create individual labels directly on the saw.

Your advantages:

- Avoidance of errors due to clear part identification
- Labels adaptable to your individual needs

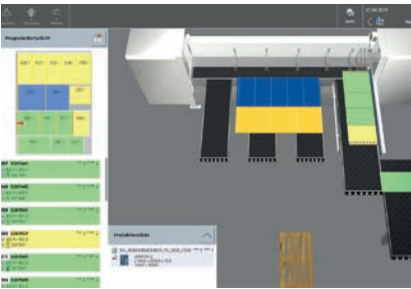


Upgrade CADmatic with quickTip

quickTip: The assistance function for quality, ease of use and performance in the CADmatic

Your advantages:

- Innovative assistance graphics
- Flowing processes
- Consistent output



CADmatic destacking module

For guided and error-free stacking of pallets.

Your advantages:

- Intelligent stack formation
- Space-saving thanks to optimal stacking
- Reduction in walking time

CNC technology

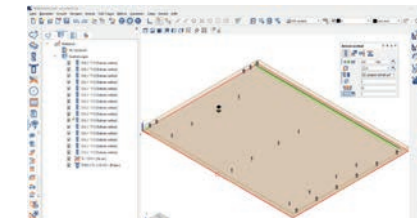


Higher availability thanks to spindle cooling

With a modernization, you increase both availability and the life of the spindle.

Your advantages:

- Improved cooling
- Higher availability
- Longer service life thanks to better cooling properties

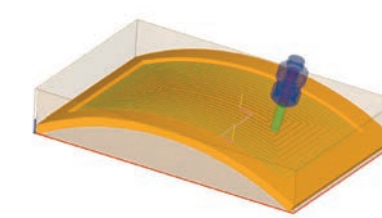


More options with woodWOP 9.0

The new version of woodWOP focuses on simpler and faster operation. Programming processes have been optimized and the user is supported by new wizards.

Your advantages:

- New design incl. dark mode
- Favorites mode
- Drag & drop of contours and macros



woodWOP CAM plug-in

Programming of roughing, finishing, peripheral milling, sawing on surfaces, etc. of 3D objects.

Basic version:

- Machining with vertical positioning axis in XYZ direction

Professional version:

- Machining 3/4/5-axis interpolating



Flexible use of the software thanks to floating licenses

Floating licenses enable the server to manage the software licenses for several users in a network. Convert your single station licenses into floating licenses at any time.

Your advantages:

- Management of licenses on one server
- Greater flexibility



Tool life travel calculation

Use the tool life travel calculation to monitor the use of your tools.

Your advantages:

- Optimize tool usage
- Select the optimal tool
- Prevent standstills



More flexible operation thanks to an additional control panel

This enables you to operate both table halves of a machining centre with flexibility and to help save time.

Your advantages:

- Faster processing operations thanks to shorter routes for the machine operator
- Comfortable operation

Edge technology



Optimal edge quality thanks to the separating agent sprayer

Improve the quality of your edges by applying separating agent before the hot-melt glue processing. This avoids glue residues forming deposits on the upper side and underside of the workpiece.

Your advantages:

- Improved edge quality
- Increase in the quality of the glue joints and surfaces

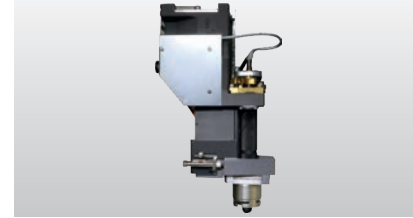


Perfect edge quality thanks to the sliding carriage

The sliding carriage allows you to guide narrow parts into the machine at precise right angles.

Your advantages:

- Precise feeding of workpieces
- Robust linear guide
- Perfect edge quality



Constant glue application thanks to the metering slide

The pneumatic metering slide cleans chips from the application roller. This gives you a constant glue application.

Your advantages:

- Automatic closure to the set clearance in the event of a power failure to prevent glue escaping
- Improved gluing quality

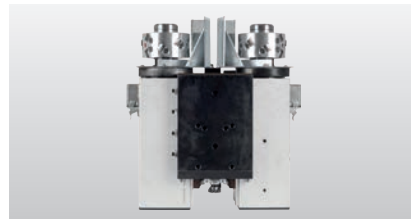


Precise guidance thanks to the air cushion table

For perfect edge quality, use the air cushion table for safe loading of your machine.

Your advantages:

- Safe feed of workpieces
- Perfect edge quality

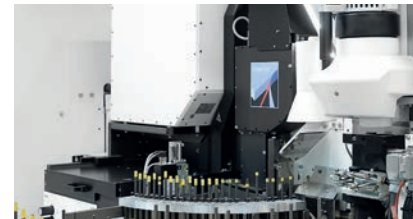


Optimal glue joint quality thanks to the joint trimming unit

Use the joint trimming unit to create the basis for a precise, absolutely straight and tear-free workpiece edge and an adhesive joint with consistently high product quality.

Your advantages:

- Perfect cut
- Long tool life
- Optimal glue joint quality



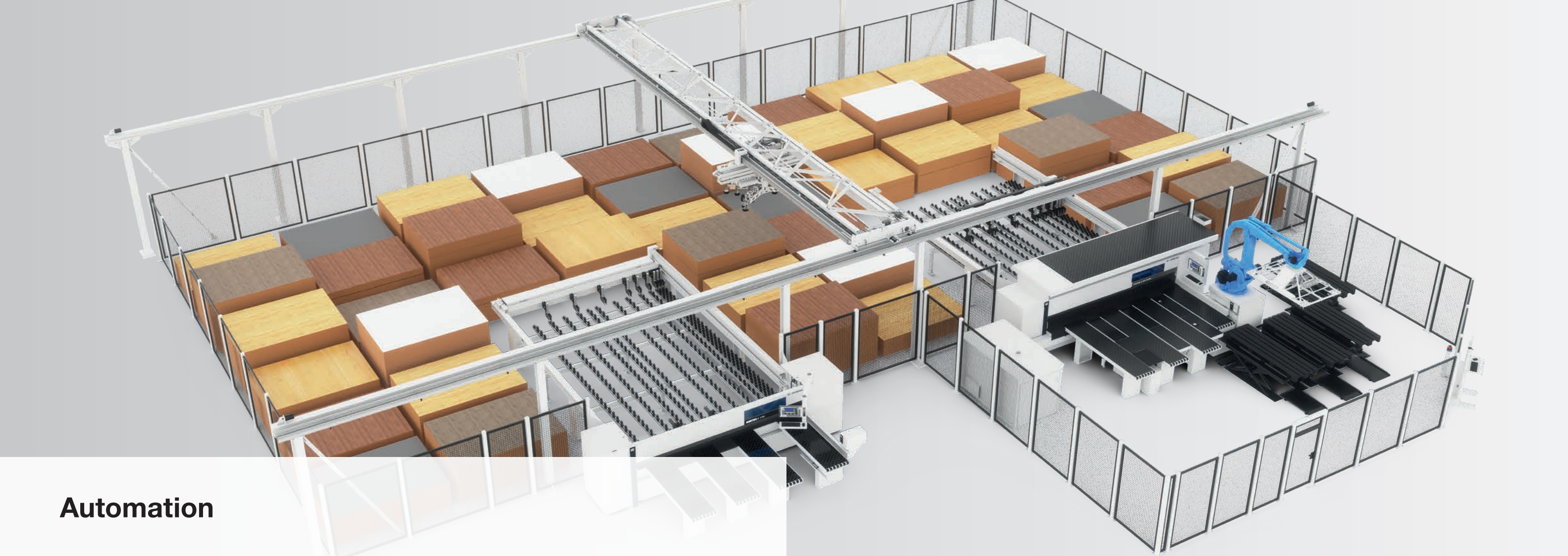
Zero joint technology with laserTec

Produce furniture with edges in a quality that has never been seen before with the laserTec* procedure from HOMAG.

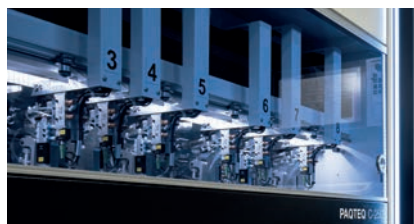
Your advantages:

- Scrap rate reduced
- High availability
- Maximum production safety





Automation



PAQTEQ – Greater performance thanks to additional pair of tools

Increase the performance of your cardboard cutting thanks to two additional longitudinal tools.

Your advantages:

- Perfect and needs-based cutting
- Reduction in multi-line cutting
- Greater performance



LOOPTEQ – Ergonomic handling thanks to an air cushion table

Create healthy working conditions for ergonomic parts handling at the end of a return path using the air cushion table with lifting device.

Your advantages:

- Ergonomic workpiece handling
- Safe thanks to light barrier control and braking brushes on all sides
- Comfortable parts handling



LOOPTEQ – Comfortable part flow thanks to pintle for narrow parts

Enable handling of short, narrow workpieces. The pintle turns the single parts before the return.

Your advantages:

- Automatically adjustable
- Sensor-controlled
- Extended parts range

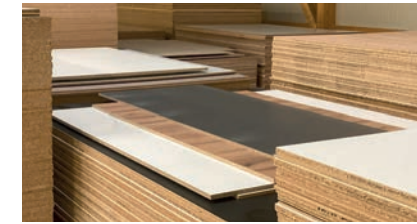


Software update woodStore 8 with quickTip

Proactive warehouse management, intelligent warehouse control and intuitive warehouse operation – these are the strengths of woodStore 8.

Your advantages:

- Transparent information flow and efficient material management
- Material management right down to the panel remnant
- **quickTip:** Proactive setting recommendations – centrally in one place in woodStore – lead to optimum warehouse management and smooth processes



intelliStore KI – Remains for the STORETEQ warehouse

New remnant storage process

Your advantages:

- Significant reduction in restacking in connection with remnants and **up to 40% reduction in total storage movements*** – more flexibility, performance, optimized space utilization and reduction in energy requirements
- **Analysis option** for demand-driven adaptation of the remnant process over the useful life of the warehouse
- **Combination operation** with the classic remnant storage bins possible as a sensible variant depending on requirements



Operational safety thanks to vertical guard plate

Use the anti-standing device, e.g. on roller conveyors where a load transfer takes place, thus increasing safety in your company.

Your advantages:

- Foam body that cannot be accessed due to higher assembly
- The risk of injury is minimized

Surface technology



Perfect fixing for small components

Improve the precise fixing of small components through the use of vacuum systems. Available with an optional split feed table and a high-performance ventilator that can be regulated.

Your advantages:

- Small parts do not slip
- Perfect sanding pattern thanks to ideal fixing of the workpieces



Comfortable measurement of workpiece thickness

The wireless transmission of the ME5000 thickness measuring system enables fast and comfortable adjustment of the machine height.

Your advantages:

- Useful digital measuring tool
- Allows efficient work thanks to direct transmission of the measured value



Space-saving support and deposit aid

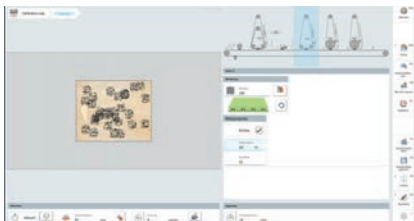
Greater comfort and less stress thanks to space-saving and specially coated support and deposit aids.

Your advantages:

- Improved workpiece handling for storage return and storage removal area
- Roller tables with an insertion or folding function



Systems



Software update „Vintage look“

Expand your product portfolio and produce modern trend surfaces with visual effects with the software update.

Your advantages:

- Expanded product portfolio
- More individual look thanks to more intense processing of determined sanding areas



Software update „Framework program“

Using the additional sanding program, you can create individual looks and perfect sanding in the direction of the grain.

Your advantages:

- Ideally aligned grinding in the grain direction
- Intelligent workpiece recognition through longitudinal and transverse recognition
- Differentiated processing of the different grain directions



Upgrade to 15" touch display

With the 15" touch display a comfortable and even easier operation of the SANDTEQ W-100 and W-200 series is possible.

Your advantages:

- Large buttons
- Precise and fast operation without aids
- Avoidance of incorrect operation

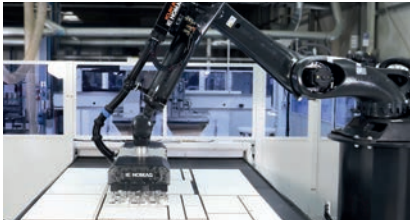


Workpiece returns – automated edge processing

Workpiece returns from HOMAG are the perfect supplement to single-sided edge banding machines.

Your advantages:

- Better machine utilization and significantly reduced downtime
- Wide variety of workpieces
- High profitability and short amortization times

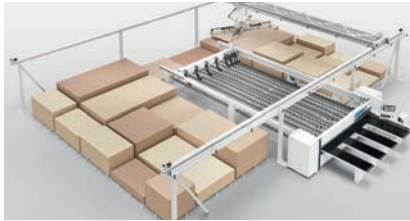


Robot systems for automation

High availability, high repetition accuracy and precise workpiece handling. Robots automatically increase the cost-effectiveness of production.

Your advantages:

- Diverse range of workpieces and materials
- Fast workpiece changing times
- Additional functions such as position measurement or cleaning can easily be integrated into the process



Feed solutions from S to XXL for the saw

Manually transporting panel material from the shelf to the saw is time-consuming and often not ergonomic. This is just one of the reasons why automation solutions from HOMAG pay off within a short time.

Your advantages:

- Space-saving
- Available for any size of business

Comprehensive modernizations



serviceAssist

With our „serviceAssist“ app, we help you to fix problems yourself. With proven solution proposals, serviceAssist enables the machine operator to prevent possible malfunctions and thus increase system availability. To do this, the app accesses a knowledge base that is continuously updated.

- Your advantages:**
- Increase of the plant availability through fast troubleshooting
 - Digital and multimedia support with documents, images and films
 - Continuous improvement thanks to a constantly growing knowledge base



serviceRemote

Using the modern teleservice connection, you can contact HOMAG teleservice employees as usual via the ServiceBoard App, by telephone or by email. The advantage, however, is faster and more focused assistance based on the latest, future-proof technology.

- Your advantages:**
- Greater transparency as you can view previous assignments
 - Production can be resumed faster thanks to extended access to helpful physical data
 - Predictive maintenance: enhanced diagnostic options and various service apps



tapio-ready

Enter the digital world with us! Prepare your machine for connection to the tapio ecosystem, thereby using know-how and specific applications from your suppliers and manufacturers.

- Your advantages:**
- Future-oriented
 - Use of mobile end devices in production
 - New options with digital services

Upgrade your machine computer to Windows 10

Higher system security and easier updates for your machine software

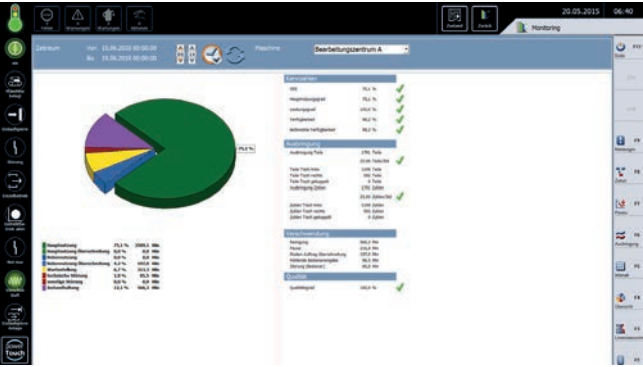
- Your advantages:**
- **Closure of security gaps** to ward off potential cyber threats and protect your operational processes
 - **Support capability and spare parts availability** to guarantee uninterrupted operation
 - **Improved performance** through the use of new functions to fully utilize your production potential
 - **Improved user-friendliness** for smooth operation
 - **Improved user guidance** for an optimal user experience



Machine Monitoring & Reporting – Upgrade to MMR professional

The optimal use of machines and systems is one of the decisive factors for success in production. By upgrading to MMR professional, optimization potentials can be identified to increase production and output.

- Your advantages:**
- Optimization of production
 - Increase in the production readiness with preventive maintenance measures
 - Efficient machine deployment due to transparent, uniform display of key figures



Hands-free barcode-reading system

With our barcode-reading system you can transmit information about the process to the machine quickly and precisely without any additional manual intervention.

- Your advantages:**
- Comfortable transfer of information
 - No errors thanks to unique part identification
 - Precise



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



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YOUR SOLUTION