

Complete transparency – for your workshop of the future



- Production flow and material management at a glance
- Monitoring and evaluation of your order data
- Service tips and production optimization to ensure production reliability
- Ready for the future with open interfaces

PRO-MASTER 7225

Future-safe 5-axis technology
for high quality demands

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NEXTEC 4.0

The local solution for your
production control

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Automation Pro

Intelligent production control
for efficient production

More on pages 4 and 5

Invisible joint technology

High tech edgeworking
for every class

More on pages 6 and 7

PRO-MASTER 7225

Future-safe 5-axis technology
for high quality demands

For a
short time only:
**PRO-MASTER 7225
LIMITED EDITION** –
our best selling CNC
machine with complete
equipment.



4.0

Future-safe

Digitization 4.0 with
integrated machine and
order monitoring



Generously dimensioned 4-field machine table

Also ideal for
pendular processing
of large workpieces



Complete software package

Complete equipment for
office and machine



Enormous 300 mm workpiece height

Perfect for custom and
highly variable processing
on panel material
and solid wood

Technical Highlights of PRO-MASTER 7225 Edition

- Adaptive speed compensation with automatic feed reduction at high milling rates for process security
- Surface Mode with adaptive path control, perfect curves thanks to automatic template calculation
- Laser for high precision position of suction cups and display of workpiece contours
- Automatic height adaptation for suction
- Integration of DIN/ISO and G code for extensive 5-axis machining without size limitations
- Numerous macros for extremely simple and rapid programming of even complex machining operations – allowing free positioning on any surface
- 3D machine simulation for maximum process security even before machining

New Construction Project in Nürtingen on schedule In November we will be moving into the new building



HOLZ-HER Business Manager Frank Epple

One year after the ground-breaking ceremony, the construction work for the new HOLZ-HER headquarters in Nürtingen is nearly finished. In November over 100 staff members from sales, technology, development and administration will move into the state-of-the-art building complex offering 5,800 sq. meters of space. The architectural highlight is the visible wooden construction consisting of composite material designed without supporting pillars and distinguished visually by its outstanding airiness. It provides the central element for the building's centerpiece,

the 1,400 sq. meter show room, the new – digital – interactive world for HOLZ-HER customers. Here prospective customers are presented with custom solutions from around the world. The investment in the new headquarters for the WEINIG Corporation affiliate HOLZ-HER was 10 million euros. "We have been motivated to continue the excellent developments we have implemented over the past few years. The new building offers a look into the future of manufacturing", stated Frank Epple, Business Manager at HOLZ-HER.

NEXTEC 4.0: the local solution for your production control



CAD/
CAM

Planning software

Interface to leading CAD/CAM software providers.



CabinetSelect

400 carcass furniture items ready for production – fully customizable. Upgrade to CabinetControl Pro for complete spatial solutions.



Warehouse

Complete part inventory for transfer to CNC machining center and pressure beam saw.



BetterNest

Automatic nesting and optimization of nesting plans.



Produce

One click is all that is required to convert the order list into nesting plans and optimized cutting plans fully automatically in the background.

NEXTEC 4.0 – the smart factory solution for efficient, transparent and traceable manufacturing in your workshop of the future. With the NEXTEC 4.0 Network PC you can digitally connect your furniture planning in the office with your CNC machine. All CAD/CAM data compiled in the office with your planning software can be transferred to your machine in the shop directly with a simple mouse click. Digitization made simple: allows you to realize your workshop of the future today with minimum investment costs.



Connection technology – free choice!

Everything with one clamping operation: Lamello-Clamex or OVVO connector technology with the 7405 connect.



4mat

Formatting on all 4 edges of the workpiece and surface machining with the 7402 | 7405 4mat.



Doors Ready

The door package: cuts lock box and hinges. Optional with the 7405 4mat or connect.



XL passage

Enlarged passage for workpieces with height of up to 1,200 mm on 7405 4mat or connect.



xcut Package

For simple machining and optimum utilization of panel strips cut to size for carcass production.

NEW: From panel strips to finished furniture – the EVOLUTION with xcut package



Here is the link to the video
www.holzher.com/xcut

Make your production more flexible to meet every customer desire in minimum space with Evolution!

The EVOLUTION series is a full and extremely flexible CNC machining center for a wide range of different materials and machining processes. Software-controlled positioning of the entry surface allows perfect formatting on all four edges of the workpiece. This makes the EVOLUTION a full-value CNC machine perfectly suited for production of carcass furniture as well as machining counter tops and many other applications. The machining capabilities and versatility of the EVOLUTION series are simply convincing.





Peter Koch
Ruf Betten, Germany

Our fulling automatic nesting system with STORE-MASTER panel storage and the DYNESTIC 7532 for industrial nesting provides maximum performance for part production and efficiency. Above all the continuous data flow from drawing to finished workpiece and intelligent software to avoid remnants make the system invaluable for our production. A successful step along the path to digital production at Ruf Betten.



Thomas Engel
Knoblauch Production, Germany

The NEXTEC 7735 with elevating and removal table was exactly the right choice for us. This allows us to produce individual pieces of furniture as well as large quantities with automatic processing of an entire stack of panels in one run. In the same manner the 5-axis technology of our NEXTEC also allows custom machining of complex single parts directly on the protection board or on suction cups. HOLZ-HER is precisely the right partner for us.



Julian Suppelt
Suppelt CNC, Germany

As a supplier of high quality special and mass-production parts, flexibility and punctual completion of orders is absolutely essential for us. With the 5-axis nesting machining center from HOLZ-HER we can even machine panels with dimensions up to 6,250 x 2,200 mm perfectly to meet our deadlines. Modern "Production 4.0" has been implemented at our shop with seamless connectivity between our ERP and 3D CAD/CAM systems and the machine.



Mario Esch
Ihr Möbel Schreiner, Germany

We ensure that our processes are completely consistent and digitized to allow us to produce custom furniture and furnishings to artisan standards. All processes from measurement and draft to paperless production and assembly must be coordinated to allow production of high quality products with long service life. This has made the Automation-Pro master computer and the DYNESTIC 7535 Nesting CNC machining center from HOLZ-HER essential components in our production chain.

Efficient Production with HOLZ-HER's intelligent Nesting CNC Machining Center

Dynamic 5-axis machining in XXL format

Describing HOLZ-HER's 5-axis machining centers with grid table as simply nesting machines doesn't even come close to their true capabilities. Conversion from nesting machining and cutting to classic CNC machining with suction cups is possible in a wink. Generous machining dimensions open up completely new applications and market opportunities for the operator.

Perfect cutting and process optimization with HOLZ-HER's BetterNest software

The rapid spread in nesting technology as combined solution for cutting and CNC machining of panel material also places high requirements on the nesting software. With BetterNest, HOLZ-HER offers the optimum auxiliary module for the CAMPUS software package for machining centers. The module is available for rectangular nesting or as a free-form version with an intelligent algorithm for simple operation as well as perfect nesting results with minimum waste.

BetterNest software modules make the difference






- Nesting of all individual parts or time-saving combination of milling paths.
- Parametrization of nesting details for small parts or remnants.
- Interfaces for import of complete production lists from CSV files.
- Nesting possibilities for workpieces with angled edges and with 5-axis machining.
- Version programs can be filled with dimension from lists and nested.
- MultiNest – this software automatically selects the panel or remnant with the least cutting waste from the panel database.



Automation Pro

Automation Pro is a master system for controlling your production flow and material management and ensuring efficient, transparent and reproducible production. This solution is based on a master computer with pre-installed database for product control on various HOLZ-HER machines and a STORE-MASTER panel storage system. Only a few clicks are required to transfer production data from the production drawing to production.

Machine monitoring from HOLZ-HER: Allows you mobile access to check your production on the move!

- viaMonitor:  for monitoring and evaluation
- viaCondition:  optimized machine utilization
- viaOrder:  provides an overview of your production progress
- viaMaintain:  notifies you when service is due
- viaNotify:  reports any faults

Labeling: the synonym for WORKFLOW

HOLZ-HER offers labeling systems matched precisely to customer requirements for marking workpieces. Manual and automatic solutions are available to match your production process.



Manual Systems

Easy Label

With Easy Label a matching label is printed for each completely formatted workpiece containing edging information and barcode for CNC machining.



Touch Label

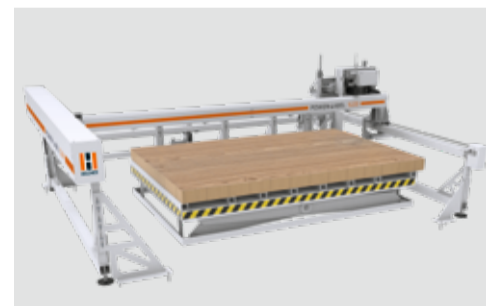
With the Touch Label System the operator sees all the workpieces in a nesting plan on the monitor and can simply tap the desired component on the touch screen to print out the label.



Automatic Systems

Direct Label

The fully automatic Direct Label system is already integrated into the Nesting CNC machine. In this case the labels are applied directly to the panel located on the machine table.



Power Label

The Power Label unit is perfect for maximum productivity with nesting and cutting systems.



Move UP for SUCCESS!

With HOLZ-HER's line of edgebanders

Invisible joints

You can also profit from the perfectly metered glue application with our patented Glu Jet application system. Invisible joints are a standard feature even with the smallest edgebander and with all types of glue.

Ready to go in 3 minutes and unbeatable in terms of energy efficiency.

iTronic

Your intelligent assistant for automatic control of your HOLZ-HER edgebander with automatic adaptation to your requirements. Always the right power for highly differing applications and materials. Sample workpieces and reject quotas are a thing of the past. Just push a button to clean the gluing station perfectly.

fa.s.t.

"fa.s.t." enables you to run different machining processes at the same time on the edgebander. For example, it is possible for the operator to switch on the corner rounding unit without having to empty the machine for the set-up procedure. High speed NC servo-axes make this process extremely efficient, allowing full utilization of all capacities.

LTRONIC

The LUMINA's high precision HSK interface allows you to change over between the Glu Jet and the LTRONIC laser edging activation unit in minutes. The LTRONIC unit is recognized automatically by the machine and the proper energy level set using the laser edging database. You can process laser edging noiselessly without any heat-up time.

multi

Your customers are continuously demanding more customization and material variety. Multiple profile technology is essential for modern carpentry shops to implement such demands productively and profitably. The HOLZ-HER multi-models allow machining of various radiuses or applications with a 45° bevel at the touch of a button, reducing your set-up times enormously and even allowing production of small lots at any time.

4.0

Continuously higher demands for quality as well as high expectations regarding customization and versatility have made digital solutions essential. Protracted setup operations on edgebanders can be optimized for maximum profit and productivity using intelligent technology. Properly utilized, digital processes facilitate work, providing benefits for you and your customers. Make your edgebander an intelligent and efficient partner at your side.



RETURN-MASTER 5920 – efficient material handling

The perfect addition in edgebanding

Automation is becoming increasingly important even in smaller workshops, to ensure they remain competitive and operate profitably. The RETURN-MASTER is a building block for automated edgebanding, regardless of whether in mass production or lot sizes of one.



Low-maintenance and durable

With its high-quality drives and guides, the RETURN-MASTER is very low-maintenance and extremely durable.

Stable design

In comparison to many rival products, the RETURN-MASTER, with net weight of 2 tons, is characterized by its particularly stable design.

Highest safety standard

The safety package, meeting the latest safety standards, networked with your HOLZ-HER edgebander, guarantees a safe workplace in future too.

One-person operation

The return unit enables efficient one-person operation for higher productivity and maximum flexibility.

 **HERE IS THE LINK TO THE VIDEO**

www.holzher.com/return



Thomas Grimm
Grimm Möbelwerkstätten
GmbH, Germany

As a high quality finishing contractor for restaurants and shops, it was important for us to have a solution to ensure reliable cutting processes. The interaction between the STORE-MASTER panel storage system and HOLZ-HER's fully integrated ZENTREX 6215 panel saw completely satisfied these expectations. This will provide us with future-safe production equipment to react to all the newest trends.



 **HERE IS THE LINK TO THE VIDEO**
www.holzher.com/zentrex

2-stage evacuation management system: maximum evacuation power using the synergistic effects of individual "Clean Protection" and "Dust Control" features

Clean Protection – for scoring cuts

When scoring cuts, an intelligent evacuating unit which moves behind the blade with the saw prevents dust and chips from flying off uncontrollably during the cutting process. This keeps your machine table clean, even during extremely narrow scoring cuts.

NEW

Dust Control – for program-controlled evacuation

The cutting position recognition feature optimally controls all evacuation openings in the pressure beam. This always ensures maximum evacuation power directly at the saw blade, keeping your machine table clean at all times. Evacuation openings that are not required are closed automatically – but can be adapted manually via the control unit if needs be.

NEW

Laser Positioning System – precise right down to the last millimeter

For panel sizes which are difficult to differentiate in terms of length or width in spite of 3D simulation on screen, the ZENTREX 6215 offers a laser positioning system with accuracy down to the last millimeter. Your advantage: makes remeasuring panels or incorrect positioning in the machine a thing of the past. Moreover, you minimize incorrect cuts and rejected parts.

NEW

The HOLZ-HER Edition | 19 – models

Edgebanders, CNC machining centers, panel cutting saws

STREAMER 1054



Impressive range of features, including HOLZ-HER Glu Jet thin film technology.

SPRINT 1329 premium



Flexible for every edging trend through variable feeds and shortest workpiece intervals.

EVOLUTION 7402 4mat



Intelligent solution for drilling, grooving and 4-sided formatting.

EVOLUTION 7405 4mat



Complete machining on all four workpiece edges and surfaces.

LUMINA 4.0 industry

The all-inclusive, high end solution for professional edgebanding at the industrial level.



What you can expect from the LUMINA 4.0 Industry:

- Standard invisible joints
- Integrated HOLZ-HER Machine monitoring for 12 months
- LT-Ready laser edging technology
- Belt bridge with synchronous drive
- iTronic inside
- LED mode display

SPRINT 1327 multi



Multi-profile technology in combination with fa.s.t. efficient set-up optimization

AURIGA 1308



Highest degree of automation in its class, 18.5" touchscreen and NC servo axis control.

PRO-MASTER 7225 – Limited Edition

Future-safe 5-axis technology for high quality demands.



What you can expect from the PRO-MASTER 7225:

- All-inclusive software package, no concealed costs
- Generous machining dimensions: X=4,520/5,420 mm, Y=1,600 mm, Z=full 300 mm
- High performance 12 kW 5-axis cutter unit
- 8 Consoles, 4 Charging aids for large and heavy workpieces
- Traveling disk tool changer for shuttle operation
- Integrated HOLZ-HER Machine monitoring for 12 months

NEXTEC 7705



Smart CNC manufacturing now with NEXTEC 4.0.

SECTOR 1254



Mature cutting precision in the smallest space – including TRK evacuation.



Find your **HOLZ-HER** Expert across the world

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www.holzher.com/expert

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