

VISIONS | INNOVATIONS | SUCCESS

# HOLZ-HER *Times*

THE MAGAZINE FOR WOOD AND PLASTIC PROCESSORS IN TRADE AND INDUSTRY

WWW.HOLZHER.CO.UK



2021-1

## THE TIME IS RIFE FOR THE **NEXT GENERATION**



### **EPICON**

The new universal genius  
for CNC machining

**More on pages 2 and 3**

### **Unlimited Possibilities**

Continuous workflow from  
CAD to nesting CNC

**More on pages 4 and 5**

### **New Cutting Solutions**

With the SECTOR 1257 and  
LINEA 6015

**More on pages 6 and 7**

### **Compact Edgebanding**

With invisible joints and PUR processing  
as standard features right from the start

**More on pages 8 and 9**

# The Universal Genius for

## The New EPICON CNC Machining Centers with Gantry Design

1

### Clamps and Suction Cups for Perfect Results



The EPICON 7235 is the high performance universal genius for every workshop. It offers machining lengths from 3,680 to 7,280 mm in the X direction and edge routing dimensions of 1,650 mm, which are achievable with all drills and attachments. It also offer an extreme machining height of 300 mm from the top of the suction cups and a generous Z stroke of 565 mm for sufficient clearance for the most complex workpieces. This also applies to mounting your tools. Depending on the application, the EPICON offers space for up to 97 tools.

The design of the gantry bridge and machine column has been optimised to provide the optimum basis for perfectly cut workpieces, while simultaneously allowing extremely high acceleration and cutting rates. The EPICON offers a variety of versatile and practical suction cups and variable frame clamps to hold your workpieces perfectly, allowing you to produce furniture, as well as machine solid wood parts and construction elements.

**COMPLETELY NEW!**  
**Now the EPICON 7235**  
**is also available with**  
**an extreme machining**  
**depth of 2,100 mm.**

For even more convenience and flexibility, the EPICON can also be equipped with various machine tables. The synchro-drive table moves all consoles and suction cups fully automatically in seconds and with maximum precision to the positions specified in the software or by the operator. The unique VISE LED console table uses colour codes to visually indicate the exact position of the consoles and suction cups. In addition, the angle of the rotated suction cups are displayed to the operator in 15° increments. This ensures extremely flexible, error-free and reliable set-up of the LED machine table.

With the new EPICON series, CNC machining has never been more flexible, opening new horizons for implementing your creativity.

2

### A clean machine – Chip Conveyor in Machine Frame



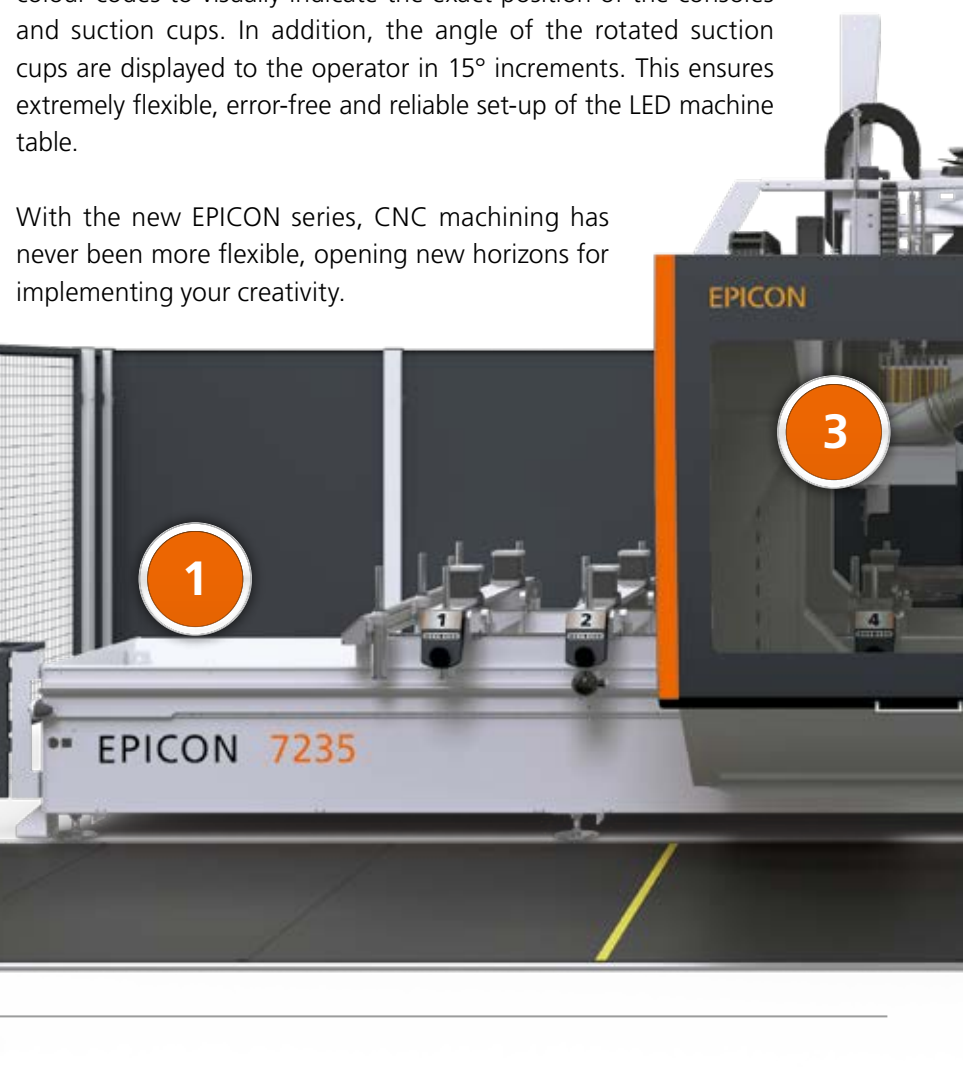
Cutting produces chips!  
This is why we offer a chip conveyor integrated into the machine column to save space and ensure that even large quantities of chips are reliably conveyed to the vacuum extractor.

3

### ChipControl Bluetooth Monitoring Chip



All monitored data such as vibration, bearing temperature and rpm are transferred to the viaCockpit app using Bluetooth connectivity. Upon exceeding the safety parameters, an alarm providing all required information is indicated on the machine monitor.





# your Shop

## EVOLUTION-Series

Compact and Versatile CNC Power,  
Proven 1000's of Times Over



The EVOLUTION Series offers you enormous versatility and flexibility in just 5 m<sup>2</sup> of floor space. Ideal for shops with little space, CNC novices or shops requiring increased processing capacity.

### 4 VISE LED Table



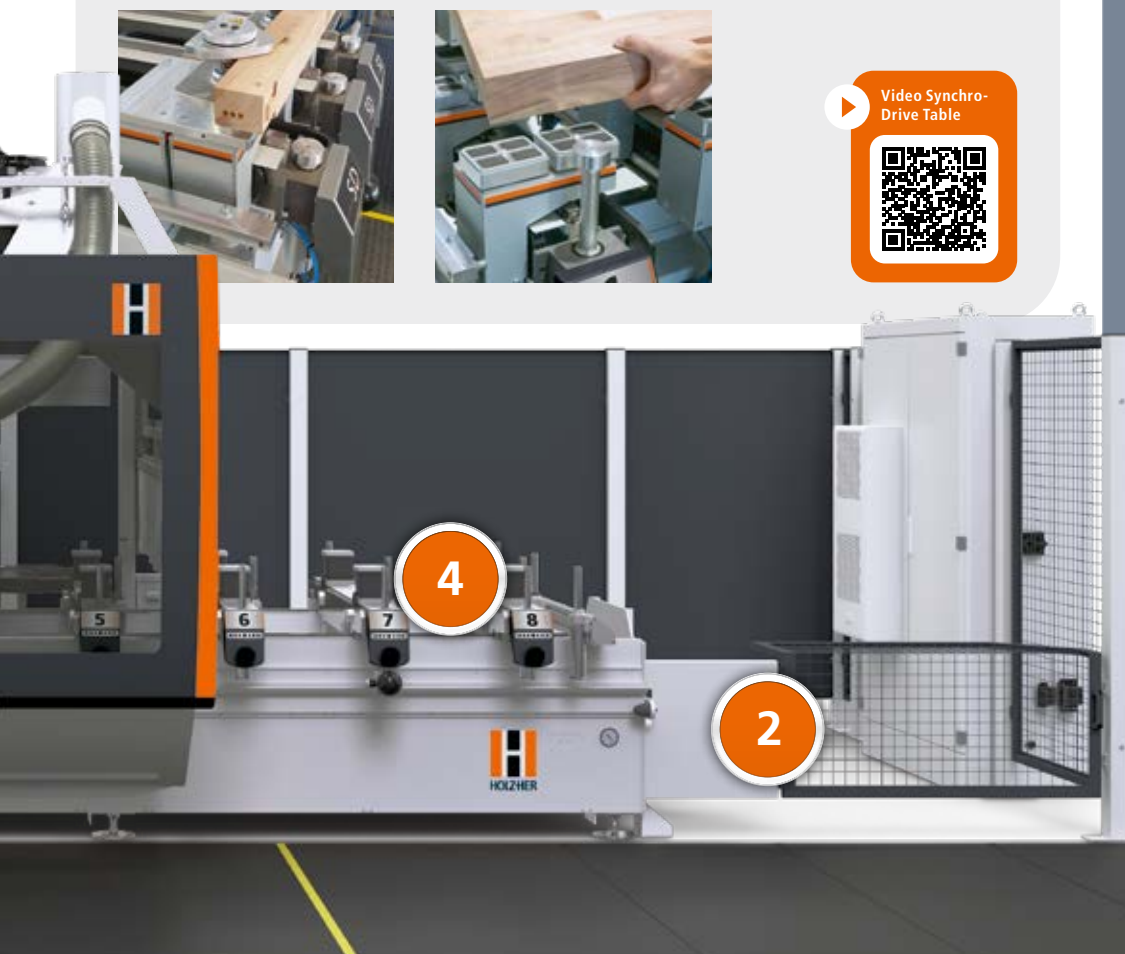
The ingenious solution for quickly setting up the console table, thanks to HOLZHER Visual Setting.



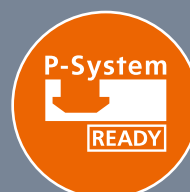
### 4 Synchro-Drive Table



Greater convenience is not possible. Synchronous, movable suction cups and consoles position themselves to fit any workpiece under software control.



**4mat**  
Formatting on all 4 workpiece edges and surface machining.



**Connection Technology – Free Choice!**  
Everything with one clamping operation. State-of-the-art connection technology with the EVOLUTION tool packages.



**Doors Ready**  
The door package: Cuts lock box and hinges.



**xcut**  
Optimum utilisation of cut panel strips for carcass production.



**XL Passage**  
Enlarged passage for workpieces with height of up to 1,200 mm on 7405 4mat or Connect.

# Unlimited Possibilities

## Perfect Performance for Your Production Data

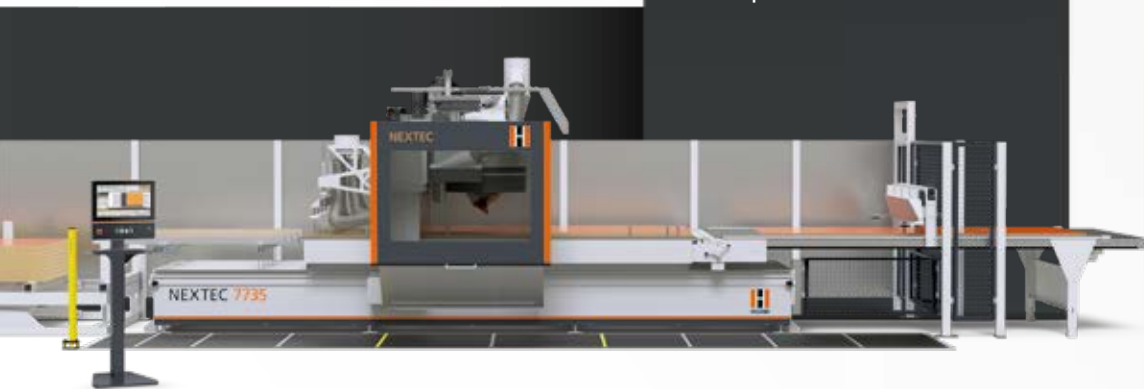
The NEXTEC 4.0 solution goes far beyond pure machining operations. It offers a complete solution for entry and control of production and material flow in your workshop. Here production data is transferred automatically to the storage system and to the machine. The advantages are obvious: work preparation and the machine are interlinked using cutting edge technology, while the data remains in your workshop and conveniently secure in your personal "company cloud", always leaving you the master of your production data.

The upgrade to AutomationPro also allows complete networking of your machines, including storage system and material management.



### CNC Machining

Transfer of completed nesting plans. Feedback of all operating and production data.



### Edgebanding

Automatic program selection with QR codes, as well as feedback of all operating and production data.



### Cutting

Optimisation of all cutting plans and transfer of approved orders from the warehouse to the pressure beam saw.



### Single and Stack Cutting

Panels can be cut individually or, for large quantities, as a stack. Workpieces can be marked manually with the Easy Label system. Feedback of all operating and production data.



# Continuous Workflow from CAD to Nesting CNC with PaletteCAD and the NEXTEC 7735 push



Our requirements were implemented perfectly.

Tino Skuthan  
Lebens(t)raum Carpentry Shop

Energy, creativity and stamina, as well as a team that pursues its duties with enthusiasm, are certainly not the worst prerequisites for establishing and managing a carpentry shop fit for the future. Our meeting with Tino Skuthan from the *Lebens(t)raum* Carpentry Shop in Weihenzell, Franconia, quickly revealed that the boss and his eight employees are all excellent examples of these personality traits.

The brief history from founding a one-man carpentry shop up to the decision to go fully digital with complete, continuous workflow from 3D CAD planning and design to CNC production and furniture assembly: At the tender age of 27, after completing his qualifications to become a master carpenter and completing his interior decoration and furniture design course at the Technical Academy in Garmish-Partenkirchen in 2007, Tino Skuthan founded his own carpentry shop. The workshop, with a floor space of 150 m<sup>2</sup>, is located on an old agricultural estate owned by his grandparents. Eight years later, he has invested in new equipment: a vertical CNC machining center, an edge-bander and upright panel saw from HOLZ-HER. "Our intention from the very beginning was to produce everything ourselves: from private clients to large-scale commercial projects." Tino Skuthan rapidly learned that the bottleneck was his workflow. "In clear text, programming on the machine, means that the machine is standing still and not producing during this phase."

Today nearly everyone is talking about digitisation. The secret of success is consistent implementation. And this is the way Tino Skuthan has gone, with all consequences. The first step

was to increase the production area to 750 m<sup>2</sup>. Based on experience and market research, it was easy to reach a clear decision in favour of the technology partner HOLZ-HER and PaletteCAD. "We have already had a good experience with HOLZ-HER. The technology and machine construction are, beyond all doubt, absolutely brilliant. But, service and support are just as important in order to guarantee production reliability. And here we can also rely on HOLZ-HER."

After contemplating all options, Tino Skuthan decided in favour of the NEXTEC 7735 push and he is convinced that the interaction between the 5-axis nesting machine and PaletteCAD is exceptional. "This combination ensures quick results."

His carpenter's heart is naturally enchanted by high quality, custom planning for private customers. However, approximately 60% of all jobs completed in the shop today are for the public sector, including built-in furniture for childcare centres and schools. This ensures planning reliability for two to three months and fully utilises the strengths of continuous workflow. Reduced to the primary points, Tino Skuthan describes the production process as follows: "As a rule, architects submit 2D drawings. We convert the project to 3D with PaletteCAD. This automatically provides us with a visualisation of the furniture. After defining the appropriate parameters for production – for example, which fittings and connectors are to be used – the data is transferred to the machine at the touch of a button. In principle, all we have to do then is load the panels on the NEXTEC and take them off. It's as simple as that". He adds: "Since converting, we have doubled our output."

As digitisation increases, work preparation and design is being accomplished almost exclusively on PC's. Tino Skuthan adds: "Naturally, this is something new for many carpenters, but no one needs to be afraid of this decision."



## viaCockpit

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

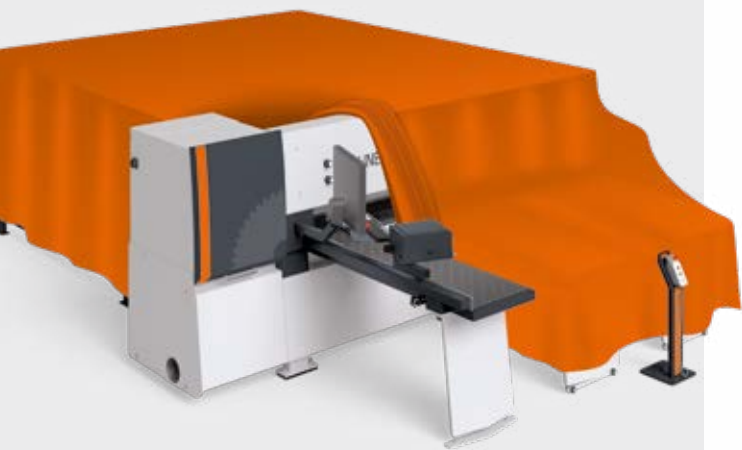


## Cutting Linked to Storage

The required panel material is requested from the storage system. Workpieces can already be marked in panel storage using the automatic Power Label system. Feedback of all operating, production and material data.







## The new LINEA 6015

### Our Mission:

#### From Craftsmen for Craftsmen!

The new HOLZ-HER LINEA 6015 pressure beam saw sets new standards in the economy class. The new LINEA offers sophisticated ideas for supporting the daily cutting work in your workshop. It features the most powerful saw motors in their class, rapid setup times for prescoring saw and gentle, scratch-free panel handling.

# Horizontal Pressure Beam Saws: High-Performance Panel Cutting Technology

The HOLZ-HER TECTRA 6120 and ZENTREX 6215 pressure beam saws are high performance packages. They are compact and therefore even fit in workshops where work areas require extremely economic planning. Nevertheless, their cutting performance is exceptional.

Intuitive aids, such as the laser positioning system, provide visual cutting support. Powerful motors and an advanced linear guide concept ensure 100 % cutting quality. HOLZ-HER pressure beam saws also offer cutting-edge safety features. The DGUV [German Social Accident Insurance] certification means they meet the highest safety standards – your guarantee for a safe workplace.

## The Right Solution for Every Application

- » **power** for maximum cutting performance
- » **dynamic** for integration with storage facilities
- » **lift** for stack processing using lifting table



### Innovative Software

The “all-inclusive” cutting software package. Quick. Safe. Innovative.



### Linear Guides

Only with HOLZ-HER: 10 year guarantee on all linear guides!



### Automated Material Handling

Prepared for profitable, state-of-the-art charging solutions thanks to established, fully integrated software systems.



### Laser Positioning System

Laser-supported display system for error-free part identification during cross-cutting.

## 2-stage Evacuation Management System



### Dust Control

The cutting position recognition feature, optimally controls all extraction openings in the pressure beam. This always ensures maximum evacuation power directly at the saw blade.



### Clean Protection

When making scoring cuts, an intelligent, moving extraction unit behind the saw blade prevents chips and dust from flying off uncontrollably during the cutting process.



## INTELLIGENT, NETWORKED PROCESSING MACHINES FOR TRANSPARENCY IN PRODUCTION

In its Augsburg-based 7,500 m<sup>2</sup> workshop, AHA Ltd. produces custom-made store furnishings, supported by an intelligent combination of a STORE MASTER panel storage system, pressure beam saw and Nesting CNC machining centre, all from HOLZ-HER.

“As an interior finishing company for shopfronts, we are more familiar with interior decoration than most. Our custom-

ers – which include bakeries, cafés, confectioneries and delicatessens – are just as exacting as the products they sell. We are continuously searching for new materials, trends and ideas in the field of interior decoration to fashion unique sales facilities. From design and work preparation to production, unique solutions require unique production methods. Thanks to optimised interface management, all of our equipment is intelligently linked.”



**Alexander Schäfer**  
Production Manager AHA GmbH, Germany

What makes our machines innovative? Like humans, they are capable of learning and communicating with one another.

# Vertical Panel Saws: Sophisticated Cutting Precision in Minimum Space

A decision to purchase a HOLZ-HER panel saw is a decision of uncompromising quality. Featuring a solid, welded base frame, this saw beam meets the most stringent requirements. The fine adjustment capability of the stops is reflected by the material cut. There's a pneumatically braked saw unit for horizontal cutting and automatic cutting line grid detection which provides support for high speed machine operation. Implementing design lengths of up to 8,300 mm is no problem and powerful motors up to 9.0 kW, including speed regulation, ensure proper processing of hard materials or plastics.



## The new **SECTOR 1257**

Two new models have been added to the successful SECTOR series. With the new SECTOR 1257, cutting depths of up to 80 mm are now possible. The new SECTOR is equipped with a powerful 5.5 kW motor as standard feature. An optional 9.0 kW motor with speed control is also possible. The newly designed digital longitudinal fence can be adjusted ergonomically and is equipped with a linear guide for easy, precise motion. The pneumatically adjustable aluminum grating, with synthetic rubbing strips, moves automatically during horizontal cutting to prevent colliding with the saw blade. The lower workpiece support is continuously equipped with wear-free stainless steel plates guaranteeing tip-free cutting.

## PANEL OPTIMISATION MADE EASY

Paper is a thing of the past, the HOLZ-HER Opti-Base-V-Cut is state of the art. This optimisation module was developed specifically for vertical saws.

The Opti-Base V-CUT optimisation feature digitises even the smallest production cells. In addition to material savings, the smart software also provides workpiece labels with all part and processing information, as well as barcodes.



**Erwin Schedlbauer**  
Geschäftsführer Schreinerei Maisach, DE

With Opti-Base-V-Cut and labeling, I bridge the gap between work preparation, cutting and CNC machining. That is my Craftsmanship 4.0. It's been ages since we had to search for offcuts!





# SUPERIOR EXPERTIS



## THE HEART OF EVERY HOLZ-HER EDGEBANDER

### PERFECTLY INVISIBLE JOINTS

#### GLU JET FOR CLEAN OPERATION

The sealed system prevents the glue from burning, ensuring that it maintains its original colour and does not emit any unpleasant adhesive vapors. Complicated, labour-intensive cleaning work on the adhesive basin and glue rollers is eliminated.

#### 100 % ADHESIVE FORCE

Melting the glue as needed, ensures that the glue always maintains its full adhesive strength without losses resulting from repeated heat-up.

#### INVISIBLE JOINTS ON ALL EDGES

The Glu Jet thin film technology means the glue penetrates deep into the panel structure. You get a high-strength joint and an invisible look at the same time.

#### JUST-IN-TIME HEAT-UP

From zero to operating temperature in only 3 minutes and back to zero just as quickly. The HOLZ-HER edgebanders operate with Glu Jet – not with traditional glue pots and application rollers.

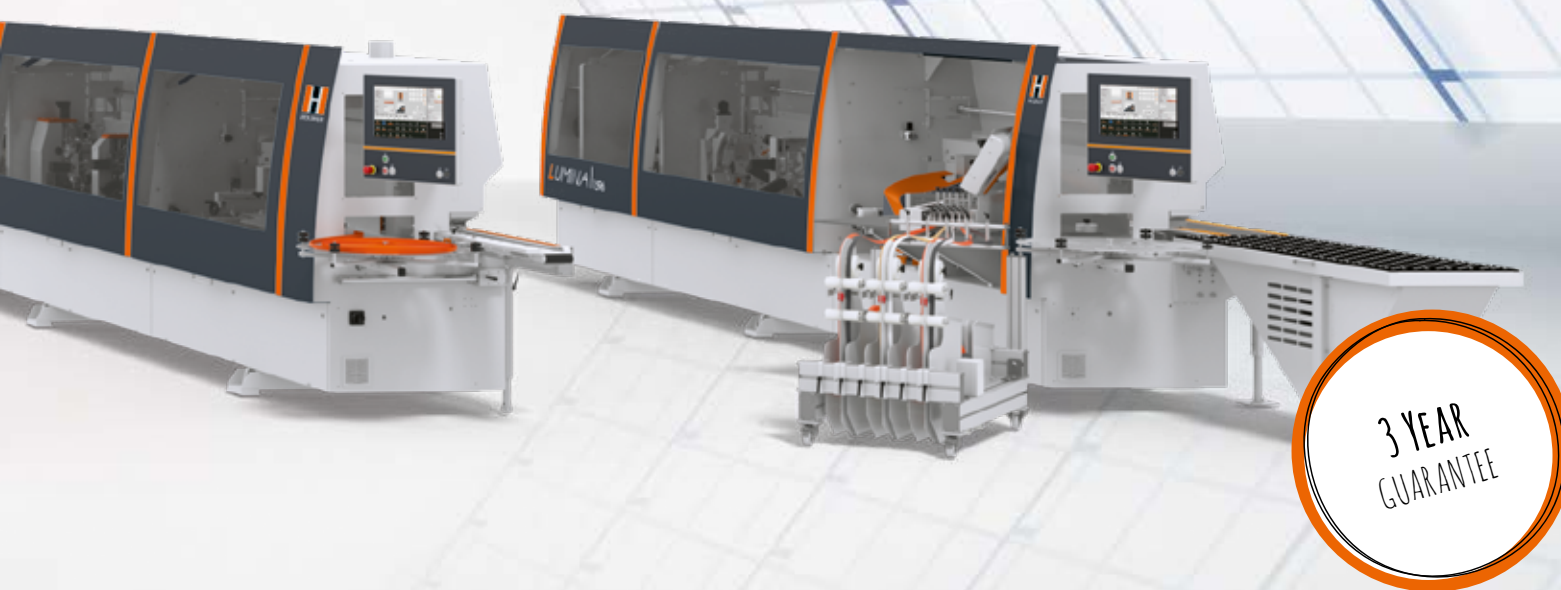
#### LTRONIC LASER TECHNOLOGY

With the LTRONIC, you can process state-of-the-art laser edging silently, without heat-up time, excessive loud generation of expensive compressed air that requires large panel spacing at the detriment of your productivity and time consuming, unnecessary cleaning work for results with a perfect appearance.



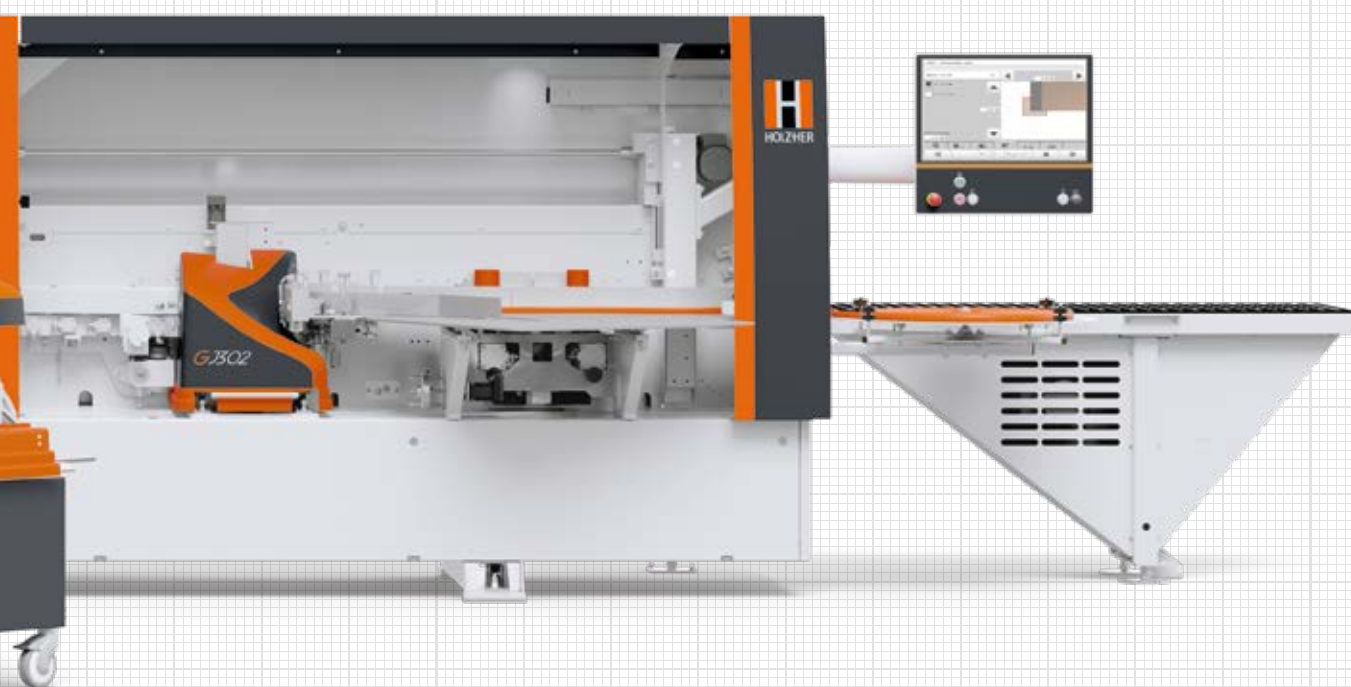


# E IN EDGEBANDING



## WITH HOLZ-HER QUALITY GUARANTEE!

To facilitate your decision in favour of Glu Jet, we are pleased to offer a three year warranty on the complete Glu Jet system.



## INTELLIGENT EDGEBANDING

### INTELLISET

Ensures that operators can always identify which corrections are being made in which direction on a graphical display. The values entered for tool feed are converted to the actual axis values fully automatically in the background. This makes sample workpieces a thing of the past.

## FAST AND MULTIFUNCTIONAL

### MULTI-TOOL VERSION

This multi-version is based on the axis-controlled standard version, however offers up to four different profile variants in addition to 8 mm flush cutters. These profiles can be selected on the control with a touch of the button, offering an uncompromising finish on the workpiece.

### NO NON-PRODUCTIVE WAITING TIMES!

fa.s.t (set-up in the gap) enables you to run different machining processes at the same time on the edgebander. This process is extremely efficient in combination with the high speed NC servo-axes.

### ITRONIC – YOUR INTELLIGENT EDGEBANDING ASSISTANT!

Just push a button to clean the gluing station perfectly. The monitor for the remaining glue quantity ensures that you always know how much more work you can complete. Whether thin edging or thick veneer edging – always the right power at the guillotine. Real wood coils or thin edging – the pressure combination at the pressure unit is always perfect.

# New Series at HOLZ-HER

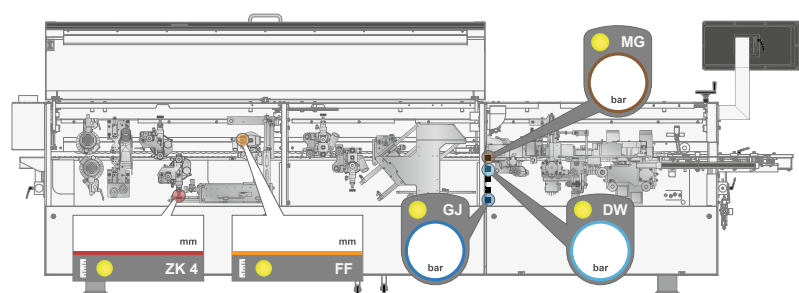


## The ARTEA SERIES

Within a compact space, the ARTEA series offers top equipment with an unrivaled price/benefit ratio. Pre-milling, Glu Jet, corner rounding, as well as a complete finishing area with radius scraper, flat scraper, buffer and sprayer all within a space of only 3,700 mm.

## STREAMER C SERIES

For even greater performance, such as 60 mm workpiece thickness or up to 8 mm thick solid lippings, the STREAMER C models offer high-tech just like the larger models, with a maximum total length of 4,930 mm. Moreover, the cutter unit and radius scraper can be controlled pneumatically.

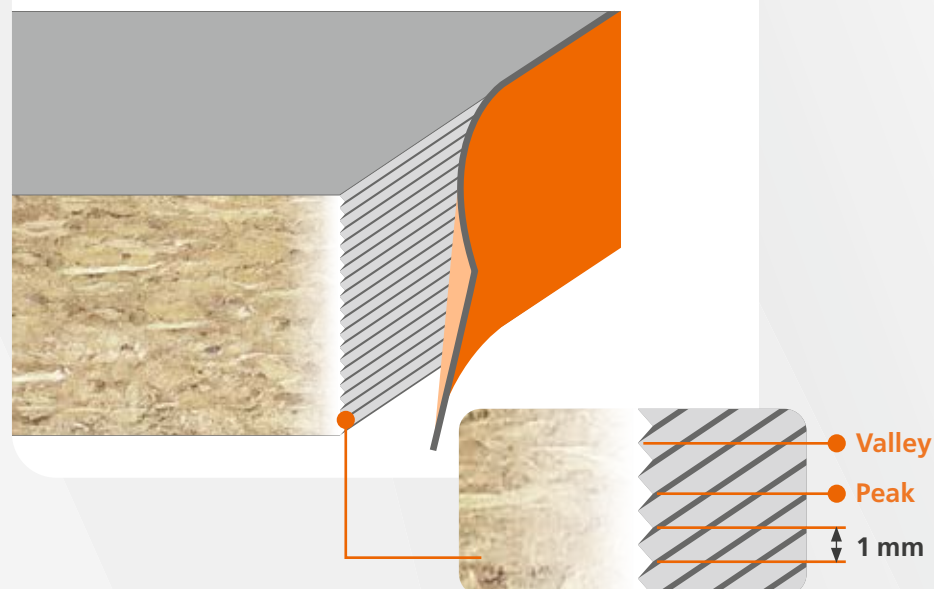


## WISE Digital Logbook

WISE stands for Visual SETting, a feature providing intelligent, visual support for machine operators. WISE serves as a digital set-up aid providing all settings for the digital counters and pressure gauges to get your machine set-up quickly and reliably. Everything is programme-dependent making it 100 % reproducible.

## With Invisible Joints and PUR Processing as Standard Features Right from the Start

All HOLZ-HER edgebanders are equipped with our patented Glu Jet adhesive application nozzle, guaranteeing you perfect invisible joints with all materials and making child's play of PUR processing. Entry into professional edgebanding has never been so simple.





# NEW ITEMS

140°C



EVA 1

PUR 1

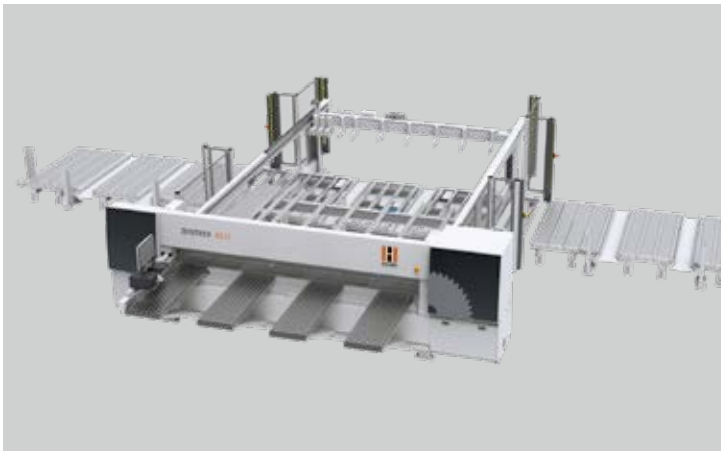
EVA 2

PUR 2

## The ARTEA | STREAMER C Adhesive Database

The highlight of the ARTEA and STREAMER C Series is the newly developed adhesive database. With this aid, you can manage up to four different types of glue with different properties. This makes change-over from EVA to PUR glues child's play and takes all important parameters, such as processing temperature and pressure values as well as the various glue viscosities into consideration in your profile. This ensures that all important types of glue are available to you at all times, with optimum settings for your application. White EVA glue for your economical light-colored patterns; white PUR glue for your waterproof light-colored furniture; neutral EVA glue for darker decors; transparent PUR glue, for example, for dark, textured panels.

**Uncompromising quality and all with invisible joints!**



## Side Loading Device

The lift variant can be loaded with the lifting table using the side roller tracks. This offers multiple advantages for users. For example, the machine can be positioned directly against the wall, saving the large action radius for a stacker. Moreover loading is possible at the front while simultaneously cutting on the machine.

Get more from your nesting machine with the NEXTEC 4.0 server PC. This computer takes over control of the data and material flow during work preparation. With the standardised CSV interface, the complete planning and production data can be transferred to the HOLZ-HER warehouse and thus to your production line using any standard industrial CAD/CAM software system. Nothing could be simpler.

## NEXTEC 4.0



## Thin Panel Pusher

All panels require reliable manipulation for the process regardless of frequent tolerances. The thin panel pusher compensates up to 25 mm waves formed in the stack, to ensure that thin or wavy panels are pushed off the lifting table reliably. This allows panels with thickness down to 4 mm to be processed by the lifting table without problems.

## WEINIG App Suite V21

This app suite is an intelligent IoT app available as a browser or mobile app. It enables live machine monitoring, as well as historical analyses. We provide information on the machine status, orders, operating data, maintenance intervals and machine standby times. This increases the transparency of your machine availability, for example, allows you to make better decisions.

We continuously increase the added value with two annual updates in the spring and Autumn. In our V21 release in April, we published the successful "viaNotifications" feature, allowing you to subscribe to custom push and email notifications for machine events. This keeps you well informed about your machine at all times and at all locations.

The pending V21 fall release will enhance the app by allowing integration of machines from other manufacturers in our app, providing you with transparency over a maximum number of machines in your workshop. Moreover, we provide support with new features to provide higher quality, greater availability and higher performance, right up to Overall Equipment Efficiency (OEE) calculations.



**"You can look forward to our pending update!"**

*Jochen Ganz, Director New Business & Innovation WEINIG Group*



**Get your WEINIG App Suite today!**



Take Advantage  
of Super  
Deductive Capital  
Allowance

# HOLZ-HER Models

## Limited Edition 2021



See all special  
HOLZ-HER models

### EPICON 7235 Limited Edition



Limited Edition Price

**£ 138,950\***

#### High Performance Universal Genius for every workshop

Step-up to the next generation of CNC machining with the EPICON series from HOLZ-HER. The EPICON 5-axis CNC machining centre opens new horizons for implementing your creativity. The design of the gantry bridge and machine column offers the optimum basis for absolutely precise and perfectly cut workpieces, while simultaneously allowing extremely high acceleration and cutting rates.



#### New video:

You have never produced furniture  
as easily as this. All the highlights  
of the new EPICON now online at  
[www.holz-her.co.uk](http://www.holz-her.co.uk)



### EVOLUTION 7402 Quattro Limited Edition



Limited Edition Price

**£ 48,100\***

The EVOLUTION 7402 Quattro  
offers more flexibility than ever.

### PRO-MASTER 7125 Limited Edition



Limited Edition Price

**£ 117,260\***

The proven 5 axis all-rounder for  
every workshop. A fitting description  
for the PRO-MASTER 7125.

### NEXTEC 7707 push Limited Edition



Limited Edition Price

**£ 106,200\***

The new NEXTEC series from HOLZ-HER  
provides the only complete solution  
for producing furniture efficiently using  
state-of-the-art equipment.

### STREAMER 1054 C Limited Edition



Limited Edition Price

**£ 27,650\***

The STREAMER 1054 C  
combines all advantages:  
Top equipment with unbeatable  
price/benefit ratio.

### AURIGA 1308 XL power Limited Edition



Limited Edition Price

**£ 48,440\***

By concentrating on the essential  
features, the HOLZ-HER AURIGA series  
unifies compact design with a high  
degree of automation.

### SPRINT 1329 power Limited Edition



Limited Edition Price

**£ 72,990\***

The HOLZ-HER SPRINT series sets  
the highest, professional standards  
for edgebanding without  
compromises.

Further HOLZ-HER editions | 21 models on display at [www.holzher.co.uk/edition](http://www.holzher.co.uk/edition)

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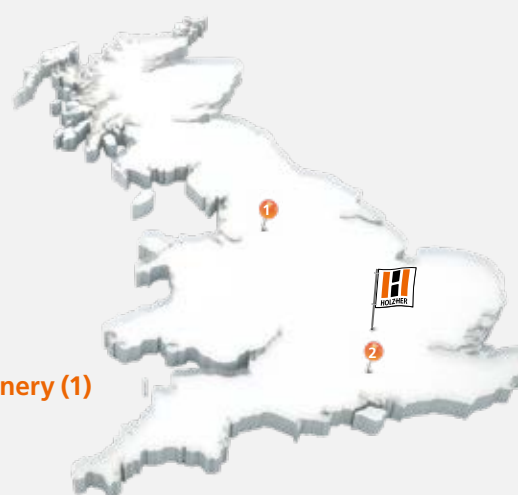
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ons or equipment not included as standard features  
and are not binding. For clarity, some of the machi-  
nes are shown without protective hood.



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