

VISIONS | INNOVATIONS | SUCCESS

HOLZ-HER *Times*

THE MAGAZINE FOR WOOD AND PLASTIC PROCESSORS IN TRADE AND INDUSTRY

WWW.HOLZHER.CO.UK



2022-1

TIMES CHANGE
WHAT ABOUT YOU?



LINEA

New benchmarks
for cutting

More on page 3

EPICON³

The 5-axis universal answer
for your workshop

More on pages 4 and 5

Perfect invisible joints

With PUR and EVA as
standard right from the start

More on pages 6 and 7

CNC-Power

The right solution for
every workshop

More on pages 8 and 9

SHAPE YOUR FUTURE FOR SUCCESS WITH THE RIGHT AUTOMATION SOLUTION

HOLZ-HER SYSTEMS

HOLZ-HER Systems provides tailor-made support for optimising your processes and increasing your efficiency and productivity. In this sector HOLZ-HER is your perfect partner and a pioneer for innovative projects in panel and material handling automation. Our systems experts support you step for step in achieving your optimal automation solution.



STORE-MASTER

Automated and intelligent material management



RETURN-MASTER

Fully automatic workpiece return



ROBOT CELL SOLUTIONS

Automated lower case production



More details at systems.holzher.co.uk



TIMES CHANGE – BUT WE REMAIN YOUR RELIABLE PARTNER!

The past two years have shown quite impressively how one single factor can change everything: How we live, work, travel or don't travel. This has forced other challenges of our times slightly into the background; but they are not forgotten by a long shot: Climate change and the resulting requirements, scarcity of skilled employees, digitization and global competition, to mention only a few. All of these have a long term influence on our business world.

The WEINIG Group is conscious of the challenges presented by the present and the future and is proactively developing solutions for all customer requirements and all market situations. Automation? Digital services?

Networked production? Short through-put times for even greater production efficiency? Whatever you need, the WEINIG Group is always there for you.

With our two divisions, derived timber products and solid wood, the group covers both major segments in the field of wood-processing, providing synergistic effects between the two sectors for better product adaptation to meet highly differing challenges. Many decades of experience, global integration in the branch and the uncompromising commitment to always offer more make the WEINIG Group and its affiliate HOLZ-HER reliable partners even, and particularly in changing times.



Oliver Kunzweiler,
Central Marketing Manager
WEINIG Group

SET NEW STANDARDS WITH THE LINEA 6015

Precision cutting of panel materials is becoming increasingly popular even with workshops performing minimal cutting work. Usually cutting was laborious work for two employees on one forming saw. With the LINEA 6015 one employee can complete all your cutting work reliably without breaking their back in nearly the same space.

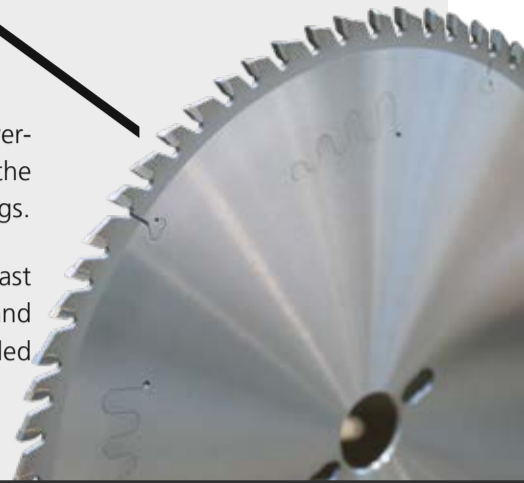
With its powerful 11 kW sawing unit, the LINEA is also perfect for extremely hard materials, while the newly developed

pre-scoring adjustment saves a great deal of time. The powerful 2.2 kW pre-scoring saw allows infinite adjustment with the motor running – no need to wait for it to stop to make settings.

For quick grooving work, the LINEA offers the FCM mode (Fast Cut Mode). This feature cuts grooves in both the forward and reverse direction and also allows completion of the so-called window cutouts.

ENERGY-SAVING SAWING CONCEPT

Up to **46 %** energy savings with each cut*



FROM CRAFTSMEN FOR CRAFTSMEN

Andreas Försch, Product Specialist for Saws at HOLZ-HER

“OUR OBJECTIVE WAS TO DESIGN A COMPACT SAW WITH A WIDE RANGE OF REFINEMENTS.”

Craftsmanship was the primary focus in developing the LINEA 6015. Whether your requirements are space, speed or easier handling, the LINEA 6015 is a convincing machine and the the LINEA’s price/benefit ratio is also astounding.



POWERFUL SOFTWARE PACKAGES

The pivoting and locking 21.5" multi-touch monitor allow intuitive programming and completion of your cutting plans.

LINEAR GUIDES

The integrated linear guide concept ensures extremely precision cuts with all attachments running smoothly.

CLAMPING TECHNOLOGY

The floating design of these clamps compensates irregularities in the panel stack using a linear guide: The adjustable clamping pressure is gentle on sensitive materials.



AIR-CUSHIONED MACHINE AND SUPPORT TABLE

Completely air-cushioned support table including machine table. This gentle air cushion between the workpiece and machine prevents scratching and allows the panel to be pushed and turned without back strain.

THE LINEA GIVES YOU BACK VALUABLE STORAGE SPACE

The double sliding door integrated into the machine concept can be opened 1,800 mm, allowing you free access to over 6 m² of usable storage space – from left or right – your decision.

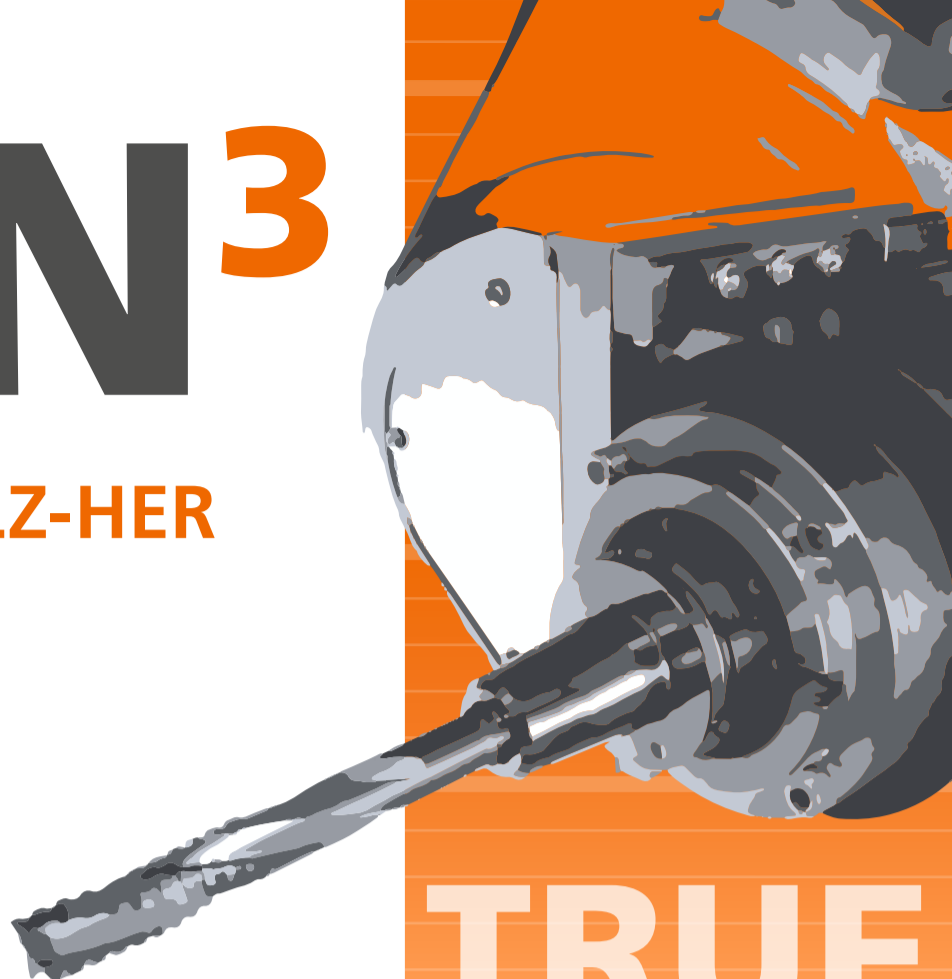
EPICON³

The New 5-Axis Series from HOLZ-HER

With the introduction of the smaller EPICON 7135 and the extra large EPICON 7335, the exceptionally successful EPICON 7235 machining centre has been expanded to a complete 5-axis CNC range with console tables. The entire EPICON series offers an enormous machining height of 300 mm which is ideal for five-axis machining.

The heavy duty design and high precision components used in the entire EPICON series ensure perfect milling results. The 13 kW, 5-axis head and optimally equipped drilling assemblies make these machining centres the pinnacle of high performance in your workshop. Whether machining panel, solid wood or composite materials – the EPICON CNC machines ensure optimum results!

Machining depths of 1,500 mm, 1,650 mm and 2,100 mm are available to match your shop's requirements, size and degree of automation. Regardless of whether you want to set-up the machine table using the practical dot laser, prefer the visual support offered by the unique VISE LED table or the completely automatic Synchro-Drive Table: The EPICON is bound to be your choice!



**TRUE
300 MM
MACHINING HEIGHT**



Perfectly
Equipped for
all Machining!



Impressive Hardware High Dynamics and Perfect Milling Results

The EPICON opens up a completely new dimension for production in craft shops and industrial applications in the field of wood and synthetic processing. The heart of the machine is the compact, gimbal-mounted 5-axis head allowing completely free spatial motion. State-of-the-art drives and control technology ensure use for nearly unlimited applications.



Highly Flexible Table Concepts Optimum Holding Power for Your Workpieces



Standard Table

The EPICON offers a variety of tried and tested suction cups and variable frame clamps to hold your workpieces optimally.



VISE LED Table

The ingenious solution for quickly setting up the console table, thanks to HOLZ-HER Visual SETting.



Synchro-Drive Table

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



A Clean Machine – Chip Conveyor in Machine Frame



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



ChipControl Bluetooth Monitoring Chip



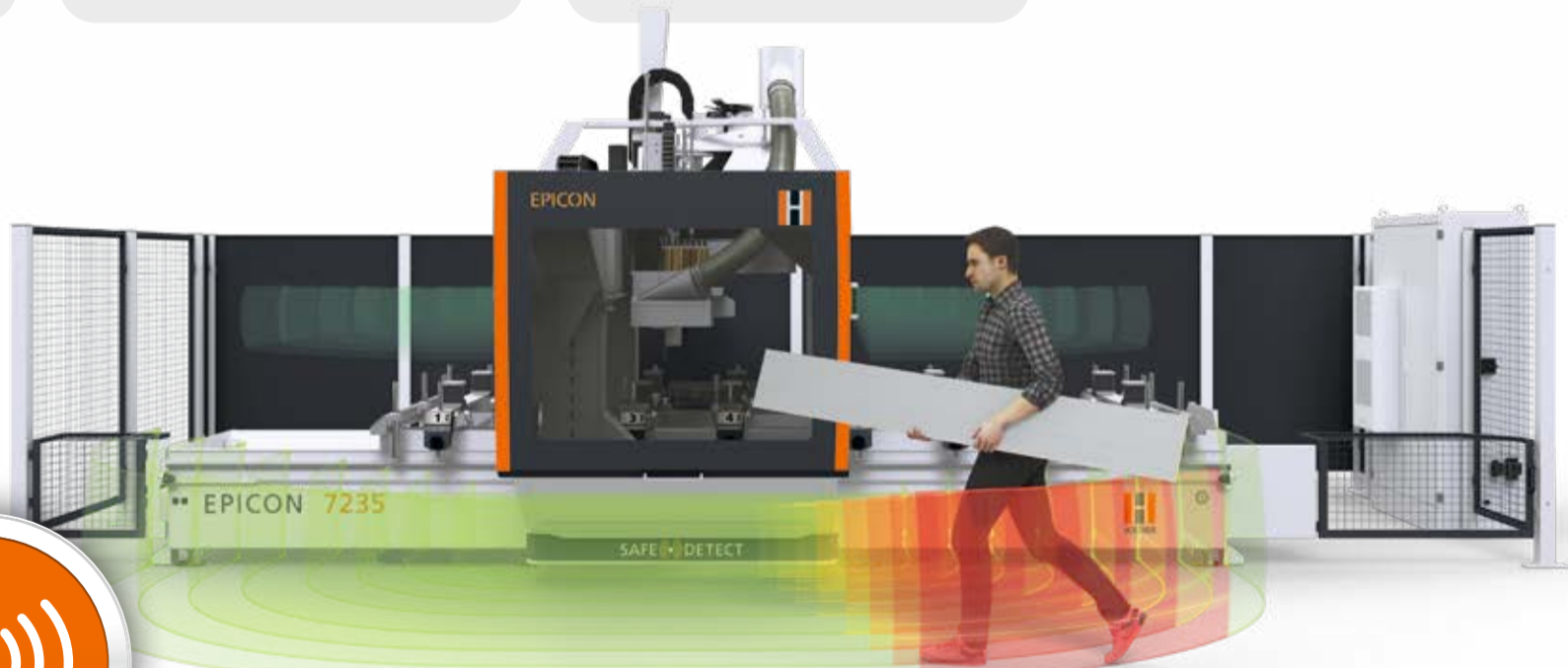
All monitored data such as vibration, bearing temperature and rpm are transferred to the viaCockpit app using Bluetooth connectivity. Upon exceeding the safety parameters, an alarm providing all required information is indicated by viaCondition or viaCockpit



Carpentry Shop Salamon

Heidelberg, Germany

With the Synchro-Drive Table on our new EPICON 7235, we have reduced set-up time tremendously. Now all suction cups and console position themselves fully automatically in seconds. This increases capacity enormously, particularly in pendulum operation.



SafeDetect The New, Proximity Type Safety Monitoring System with Sensors

State-of-the-art sensor technology offers safety and freedom of motion for the operator thanks to automatic human detection with distance control. The optional SafeDetect technology ensures free access to the EPICON. Smooth and efficient pendulum operation is also guaranteed. The space above the machine table, as well as the area in front of the machine is monitored for perfect all-round protection. Laser lines also show the operator the safety range for the moving machine hood. In addition, a state-of-the-art guard fence prevents access to the machining centre's operating area at the side and rear.

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. Professional edgebanding has never been so easy.

EDGE BANDERS FROM HOLZ-HER

WITH GLU JET THIN FILM TECHNOLOGY



3

YEARS

Our Quality Promise to You!

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

Perfectly Invisible Joints



Glu Jet

Glu Jet for clean operation




100 PERCENT

100% adhesive force



Invisible joints on all edges




Just-in-time heat-up



LTRONIC laser edging technology

Intelligent, Fast and Multi-functional



Multi-tool version



Set-up in the gap



Intelligent edging assistant



Graphic setup aid



Digital logbook for all settings

Clever Glue Change



White EVA glue
for your economical light-coloured edging



White PUR glue
for your economical light-coloured edging



Neutral EVA glue
for your dark-coloured edging



Transparent PUR glue
for your waterproof dark-coloured edging



EVOLUTION Series

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



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.

NEW



PinJet – the New, Unique Dowel Anchor System for the EVOLUTION
The simplest way to fully automatically insert 8 mm wood dowels.



Professional DXF import
Enormous flexibility with open interface architecture to post-processors leading CAD/CAM programmes.



Planning Software
CSV transfer from HOLZ-HER certified planning software.

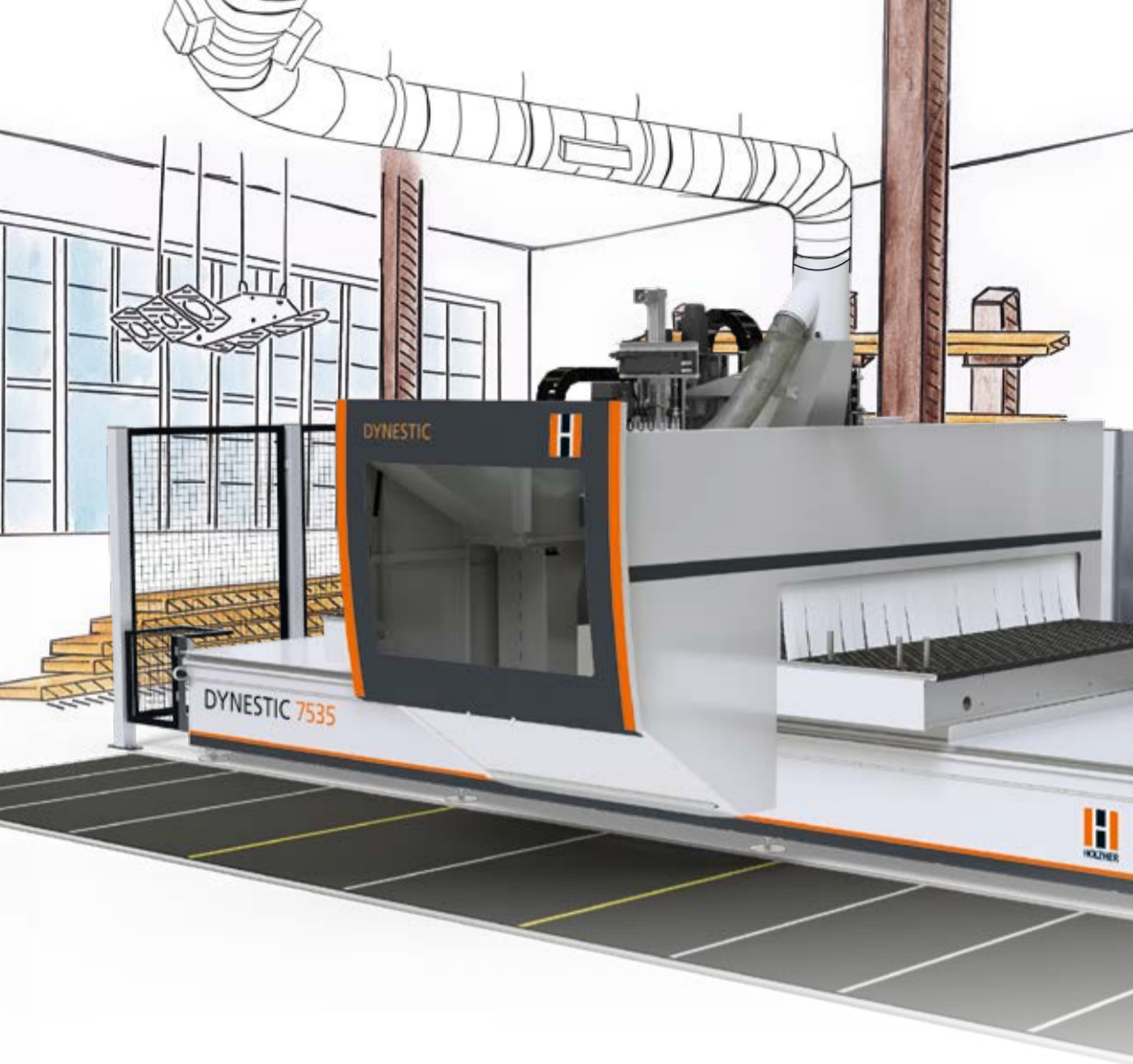


CabinetControl Neo
Extremely simple planning for built-in cabinets even under sloping eaves, kitchens, desks, etc.

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 centre for a wide range of different materials and machining processes. Software-controlled positioning of the table facilitates perfect formatting on all four edges of the workpiece. This makes the EVOLUTION a full-value CNC machine optimally 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 extremely convincing.





DYNESTIC Series

The Complete Solution for Nesting Machining

5x

Dynamic, Flexible and Versatile
With more freedom for up to 5-axes for complete planning work using the nesting method.



Optimum Nesting Results
Minimum waste and intelligent machining strategies thanks to BetterNest – software.



Solid Wood and Door Machining
Perfect machining processes thanks to flat table suction cups and 5-axis head.



High-Flow Nesting Table
This makes the DYNESTIC a true all-round talent with virtually unlimited machining capabilities.



Enormous Time Savings
A complete cabinet wall in less than 30 minutes.

NEXTEC
4.0

The NEXTEC 4.0 Package
The integrated solution for your work preparation. Professional CSV data transfer of complete projects from your design software. Transparent production control and automatic nesting at the touch of a button thanks to integrated BetterNest software.



Warehouse

Complete parts inventory for management and transfer to machine control.



BetterNest

Automatic nesting of nesting plans thanks to revolutionary 4.0 software.



Produce

Simply clicking the smart produce button is all it takes to fully automatically convert your order list to nesting plans.



3-axis nesting video



5-axis nesting video

EFFICIENT PRODUCTION WITH HOLZ-HER'S INTELLIGENT HOLZ-HER NESTING CNC MACHINING CENTERS

Nesting machining with the DYNESTIC offers the advantage of precision formatting and CNC machining with one single vacuum clamping operation and with minimal handling by the machine operator. Our nesting technology is perfect for use of state-of-the-art connection technologies such as Lamello's Clamex P-System or Cabineo connectors. The NEXTEC 4.0 solution goes far beyond simple machine processing to provide the complete solution for entry and control of production and material flows in your workshop. The advantages are obvious: Work preparation and the machine are interlinked using cutting edge technology, while the data remains in local storage in your workshop.

1

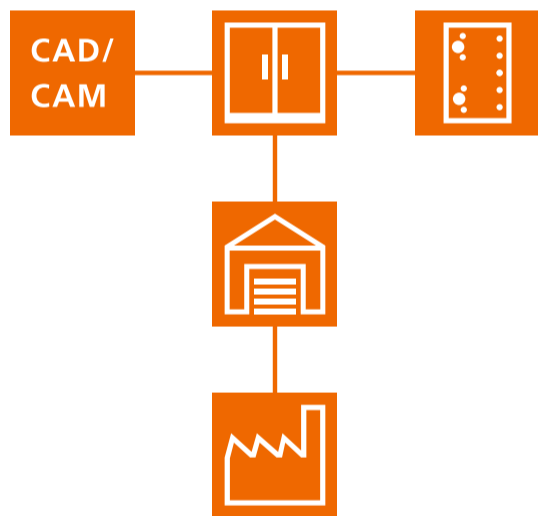
EVOLUTION X CUT PACKAGE

WORK PREPARATION JUST LIKE THE BIG MACHINES – JUST SMALLER

The warehouse software included in the xcut package makes work preparation child's play.

Extremely flexible import of .CSV files from CAD/CAM systems allows even large orders to be arranged and consolidated in a clear, production-oriented manner – directly on the EVOLUTION. Advantages of Warehouse:

- Extremely easy connectivity for **CAD/CAM** software
- Standard import from **.CSV & .HOP** files
- Extremely clean **presentation** of programmes
- Order processing using **job lists**
- Production time **tracking**
- Perfect connectivity with **viaCockpit**



2



THE ARTEA | STREAMER C GLUE DATABASE

NO COMPROMISES WITH QUALITY AND EVERYTHING WITH INVISIBLE JOINTS

With this glue database, 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.

3

INTELLESET INTELLIGENT EDGEBANDING



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.

4

OPTI-BASE-V-CUT SIMPLE, FAST, DIGITAL

With the Opti-Base V-Cut optimisation module for vertical panel saws you are equipped for your own Craftsman 4.0.

The professional Opti-Base V-Cut optimisation feature always ensures the best optimisation results for perfect material utilization. The 10" touch screen ensures simple operation and management of orders, material and parts list, whilst the label printer provides unique part identification.

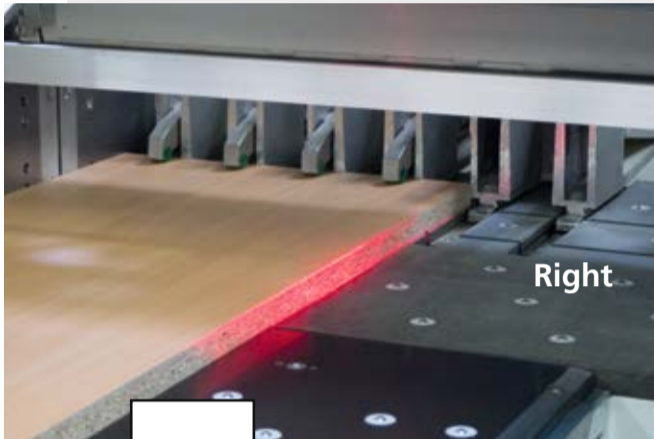
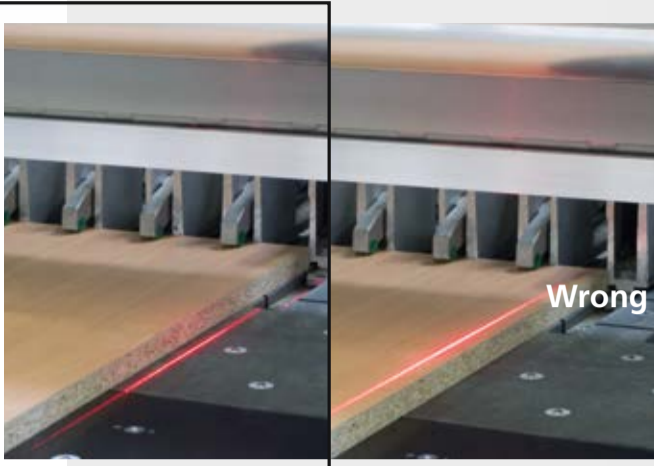




LASER INDICATOR MOVED TO CORRECT DIRECTION

Our saws are equipped with the most ingenious software applications to guide users through the cutting operation step by step. Frequently, however, it is difficult to differentiate some parts with regard to length and width. To help here, the ZENTREX 6215 models are equipped with an intelligent la-

ser positioning system. The line laser is positioned precisely right down to the millimeter to show you the correct position. Your advantage: Remeasuring panels or incorrect positioning in the machine is a thing of the past. Moreover you minimise incorrect cuts and reject parts.



7

TECTRA 6120 – EDITION 3800

Half-size formats are easy to cut thanks to the generous work area

ALL DETAILS ON THE EDITION 3800 AT:
WWW.THE-NEW-HOLZHER.CO.UK



6



SECTOR 1257 | 1262 AUTOMATIC POWER CUTTING FOR ALL PANEL MATERIALS

With the SECTOR 1262 automatic HOLZ-HER has completed its SECTOR series, thereby expanding its portfolio to include another 80 mm machine.

The powerful saw motors with speed control and up to 9.0 kW provide extreme performance for perfect cutting results. In the automatic mode the SECTOR 1262 can perform plunge cuts at the touch of a button – then emerge and – depending on selection – also return to the operator. This guarantees high speed cutting cycles.



5

ARTEA 1020 | 1030 EDGE BANDERS

Within a compact space, the ARTEA series offers a full compliment of equipment with an unrivaled price/benefit ratio. Pre-milling, GluJet, fine trim, 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. On the ARTEA 1020 without corner rounding, the machine requires only 3,200 mm

REQUEST YOUR OFFER NOW AT:
WWW.THE-NEW-HOLZHER.CO.UK



STREAMER 1057 XL C EDGE BANDER

Automatic control of machining units at the touch of a button using NC servo-axes without opening the machine hood.

EPICON 7135 CNC MACHINING

300 mm **True machining height**
1,500 mm **Milling depth**
2,000 mm **Clearance dimension**
13 kW **Milling power**

Also available with VISE LED or Synchro-Drive Table as well as with SafeDetect, the new proximity type safety system!

HOLZ-HANDWERK 2022

WEINIG and HOLZ-HER together in Hall 9!

Michael Weinig (UK) Ltd.
5 Blacklands Way, Abingdon Business Park
Abingdon, Oxon, OX14 1DY
Phone +44 (0)1235 557600 | Fax +44 (0)1235 538070

 **Paul Nightingale**
National Sales Manager
Mob. 07717 411332
paul_nightingale@holz-her.co.uk

 **Stephen Janes**
Area Sales Manager East England
Mob. 07887 566972
stephen_janes@holz-her.co.uk

 **Steven Brockie**
Area Sales Manager Scotland
Mob. 07785926078
steven_brockie@weinig.co.uk

 **Jason Southam**
Area Sales Manager Midlands
Mob. 07436 411614
jason_southam@holz-her.co.uk

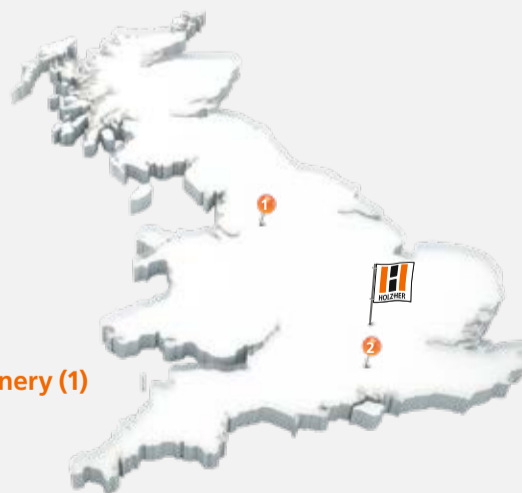
Certified HOLZHER dealers



Calderbrook Woodworking Machinery (1)
New Line Industrial Estate
The Sidings, Bacup, OL13 9RW
Tel: 01706 873344
sales@woodworkmachinery.co.uk



Groewood Machines (2)
Unit 12, Lion Court, Daneshill East,
Basingstoke, Hampshire RG24 8QU
Tel: 01256 818235
info@groewoodmachines.co.uk



CREDITS





HOLZ-HER GmbH
Großer Forst 4 • 72622 Nürtingen
Germany • Telefon +49 (0) 70 22 702-0
sales@holzher.com • www.holzher.de

Responsible for content:
Robert Terzer (General Sales Manager)

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The technical data are guide values. We reserve all rights to change design and features without prior notification. Some illustrations show special versions or equipment not included as standard features and are not binding. For clarity, some of the machines are shown without protective hood.

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