

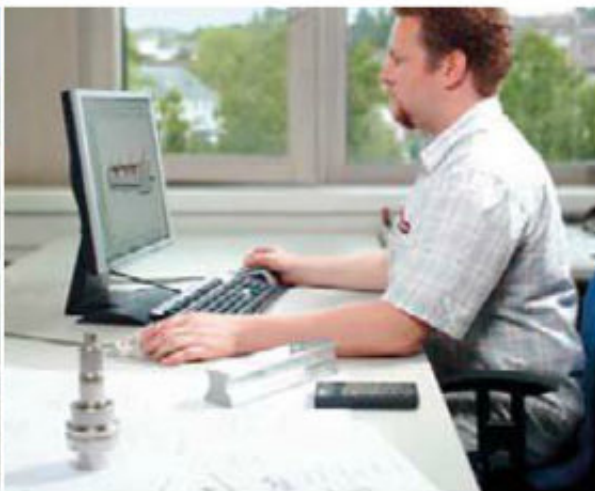
Edgebanders | CNC Machining Centers | Vertical Panel Saws | Pressure Beam Saws | Panel Handling

# HOLZHER PRODUCTS



PRODUCTIVITY AND PRECISION





## COMPANY

# Solutions with Perspectives for the Future

Our engineers number among the world's best. Their visionary imagination and exceptional skill guarantee that our machines are the highest performance, most flexible and safest in the world today. Customers appreciate our capability to develop and produce excellent products quickly at equitable prices and high quality. Integrative, networked solutions are decisive for machining wood and panels worldwide.

This is the reason HOLZ-HER offers a line of products matched to one another and always develops a complete product series, from an entry-level machine right up through all performance ranges to the comprehensive top model.

All service activities and product training courses are planned in parallel to new products. This ensures that, in addition to being offered a new machine, customers can also take advantage of a complete range of services. This focuses on practical solutions and greater customer benefit.

For over 100 years our HOLZ-HER staff has been developing innovative products and setting trends for the future.



## Single-Company Quality – from Steel Plate to Finished Machine

- Up to 1.600 tons of steel and aluminum are used in HOLZ-HER's own frame construction. A laser cutting unit with fully automatic charging optimizes cutting steel plates with thicknesses up to 25 mm.
- With a nominal pressing force of 400 tons, multiple hydraulic trimming presses ensure perfect component shape with automatic material thickness measurement and pressure control.
- The individual parts are welded together very carefully. Our welding devices with their optimal, mature design, ensure maximum quality consistency.
- The completely welded frames are milled with high precision on a number of long-bed cutting machines. This ensures that all surfaces are optimally prepared for later attachment of guides and units.
- After cleaning and painting, the frames are transferred to final assembly, where the components are installed. Before packing and shipping, comprehensive final inspection is performed to guarantee highest quality standards of your machine.



Experienced employees guarantee the highest quality standard and pass their knowledge on to the next generation (Fig. 1).

The production depth ranges from our own steel construction to quality control (Fig. 2).

## Superior Competency for Edgebanding

High tech in minimum space and a convincing range of performance for high quality edgebanding – this is the basic idea for the entire AURIGA line. 50 years of HOLZ-HER experience for your quality right from the start.

### AURIGA 1307 | 1307 XL >

This series offers you a complete range of machining functions including corner copying up to 60 mm and a perfect finish – large postprocessing area for up to three postprocessing attachments – also available with spraying unit.

- Edge thicknesses up to 6 mm
- Workpiece thicknesses up to 60 mm



### ^ AURIGA 1303 | 1304

High tech gluing station in entry class – best gluing quality with the HOLZ-HER Glu Jet System.

- Edge thicknesses up to 6 mm
- Workpiece thicknesses up to 60 mm



#### ^ STREAMER 1053 | 1054

Optimum price/performance ratio with or without premilling unit.

- Edge thicknesses up to 6 mm
- Workpiece thicknesses up to 60 mm



#### ^ UNO 1302

Extremely compact, fits into any space.

- Edge thicknesses up to 3 mm
- Workpiece thicknesses up to 45 mm



## Top Features for Maximum Productivity

HOLZHER edgebanders concentrate on the essential features to unify compact design with a high degree of automation making HOLZHER the standard for modern cabinet makers.



### ^ AURIGA 1308 | 1308 XL

The HOLZHER PC Edge Control makes it easy to change edging at the press of a button.

- Edge thicknesses up to 6 mm
- Workpiece thicknesses up to 60 mm



### < SPRINT 1329

Flexible for every edging trend with three high performance versions and up to 14 NC servo-axes for fully automatic production.

#### "massiv" model

With two cutter units and up to 15 mm thick edging as standard features

#### "grooving" model

With fully automatic, pivoting grooving unit

#### "premium" model

With dual-motor corner copying unit

- Edge thicknesses up to 15 mm
- Workpiece thicknesses up to 60 mm



### SPRINT 1327 >

Productivity pure – with variable feed rates up to 18 m/min<sup>1</sup> and shortest workpiece intervals.

- Edge thicknesses up to 15 mm
- Workpiece thicknesses up to 60 mm

## Absolute Quality at Maximum Capacity

Edgebanders are decisive for furniture with a high quality appearance. Continuous development work on all equipment guarantees our customers maximum process reliability and increases their competitive ability. You can also profit from 50 years of HOLZ-HER technological leadership in edgebanding.

### CONTRIGA INDUSTRY >

The CONTRIGA series is a future-oriented milestone for edgebanders. It has been designed for absolute maximum performance. One outstanding feature is the pneumatically controlled hoods. Compared to conventional hoods, this design takes up much less space. The CONTRIGA is highly flexible, allowing perfect adaptation to your specific requirements. Up to 60 NC servo-axes move your high performance units to the specific machining position at the touch of a button.

- Edge thicknesses up to 30 mm
- Workpiece thicknesses up to 80 mm



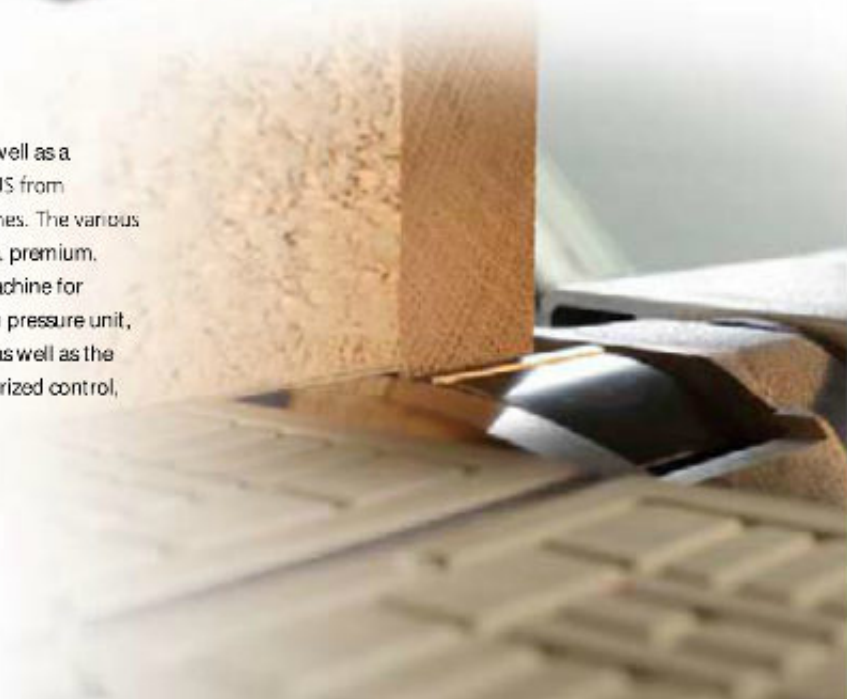




#### < **ARCUS 1334 | 1336**

Higher performance, greater stability, as well as a machine design to set accents – the ARCUS from HOLZHER redefines edgebanding machines. The various ARCUS models: classic, massiv, automatic, premium, grooving and sanding ensure the right machine for every application. The large, motor-driven pressure unit, the end trimming unit with linear guides as well as the extremely stable scraper, also with motorized control, are all included as standard features.

- Edge thicknesses up to 20 mm
- Workpiece thicknesses up to 80 mm



## Glu Jet – Zero Joint with Thin Film Technology

The clear advantages of our hybrid technology in combination with the new HOLZ-HER thin film technique make this gluing system the all-rounder for craftsmen and industrial users. Visual zero joints with PUR glue – allowing use in wet areas – are natural for HOLZ-HER customers.

Ultra-thin glue joints, easily equivalent to industrial laser edges, are easy to achieve with the HOLZ-HER Glu Jet system, which also offers unrivaled flexibility.

Starting with the state-of-the-art, high gloss edging right up to solid wood edging with cross section of 30 x 65 mm, HOLZ-HER remains unequalled in terms of appearance, regardless of the material. HOLZ-HER sets the trends for tomorrow today.

### Glue Change and Cleaning Require Only 3 Minutes Each



**Heat-up time**  
3 minutes

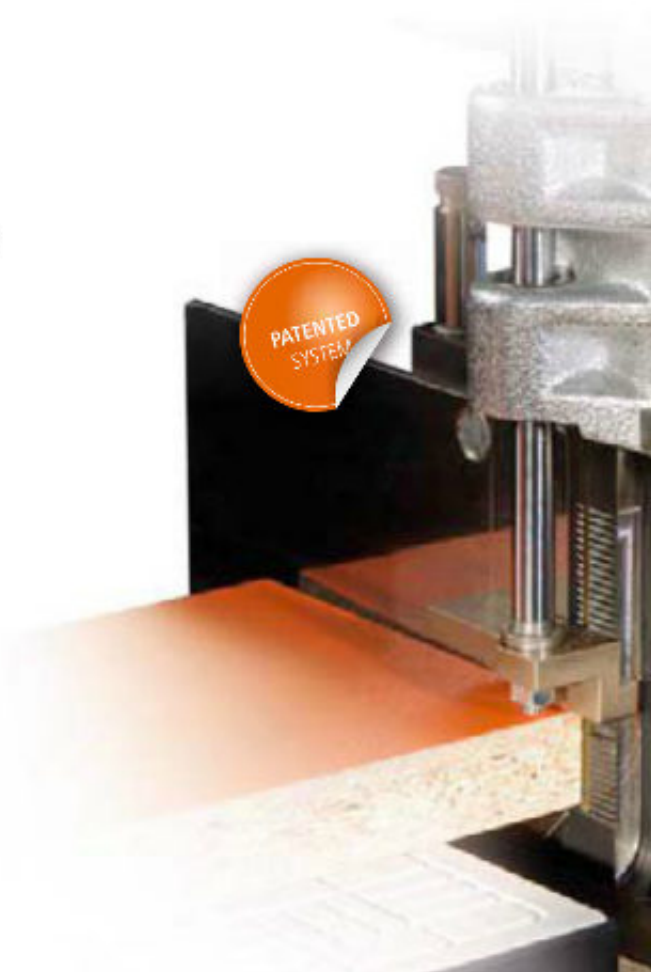


**Glue change\***  
3 minutes

\* to PUR glue, to EVA glue and color change



**Cleaning**  
3 minutes





## PUR Glue is the Standard for Professional Cabinet Makers

Industrial technology for every shop – with the HOLZ-HER **Glu Jet** System you can process PUR glue on a standard basis; just as simply as EVA glue. Strong arguments for you and your customers:

- No additional glue basin
- No expensive nitrogen tanks
- High strength joint for extremely long service life
- Resistant to heat and water, providing quality advantages in all areas of cabinetmaking.

**Waterproof PUR glue – ideal for  
kitchen and bath furniture**



## Milling – Sawing – Drilling

Investments in state-of-the-art CNC technology are worthwhile. Even furniture and components with complex designs can be produced economically and precisely. Latest generation control engineering, drives and software ensure virtually unlimited possibilities.



### < PRO-MASTER 7017 | 7018

High efficiency drilling and forming center for precise and efficient CNC processing.

- Workpiece dimensions up to 3,540 mm in X-direction (less cutter radius)
- 1,287 mm edge routing dimensions in Y-direction (less cutter radius)
- Real processing height up to 180 mm in Z-direction (from top of suction cups)



### < PRO-MASTER 7122

The all-round talent for versatile CNC applications – also with console table with motor positioning. Comprehensive accessory package including frame clamping elements and suction cups for perfect adaptation to every application. And an extremely long Z-stroke of 565 mm to meet all machining requirements.

- Workpiece dimensions up to 5,420 mm in X-direction (less cutter radius)
- 1,350 mm edge routing dimensions in Y-direction (less cutter radius)
- Real processing height up to 210 mm in Z-direction (from top of suction cups)

### ∨ PRO-MASTER 7222

Powerful high-end CNC machine for solid wood and heavy parts – with 3, 4 or 4 ½ axes.

- Workpiece dimensions up to 7,220 mm in X-direction (less cutter radius)
- 1,580 mm edge routing dimensions in Y-direction (less cutter radius)
- Real processing height up to 300 mm in Z-direction (from top of suction cups)





### PRO-MASTER 7125 >

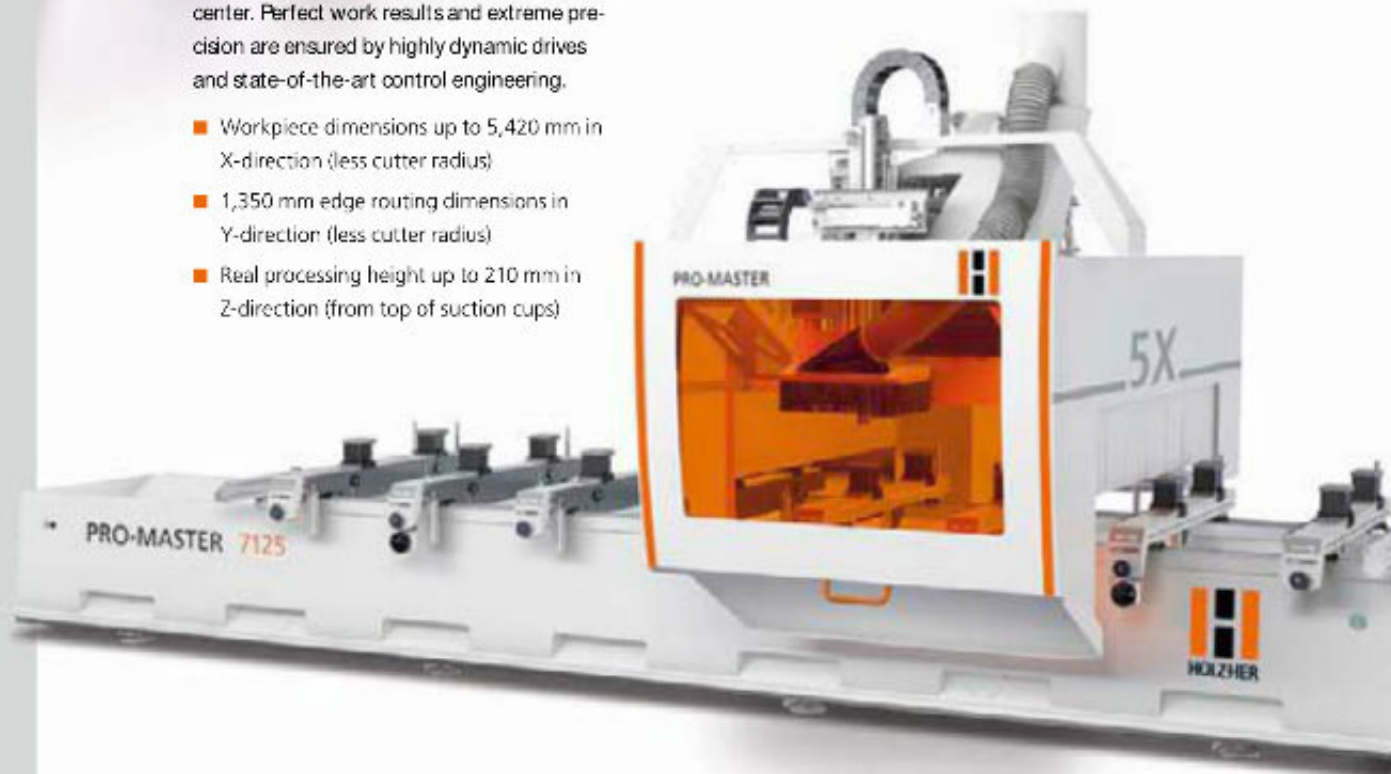
The high performance 5-axis machining center. Perfect work results and extreme precision are ensured by highly dynamic drives and state-of-the-art control engineering.

- Workpiece dimensions up to 5,420 mm in X-direction (less cutter radius)
- 1,350 mm edge routing dimensions in Y-direction (less cutter radius)
- Real processing height up to 210 mm in Z-direction (from top of suction cups)

### PRO-MASTER 7225 >

HOLZHER 5-axis technology opens up virtually unlimited possibilities for your wood and plastic processing. The versatile table versions with manual or motor-driven consoles as well as a version with grid table offer maximum flexibility.

- Workpiece dimensions up to 7,220 mm in X-direction (less cutter radius)
- 1,580 mm edge routing dimensions in Y-direction (less cutter radius)
- Real processing height up to 300 mm in Z-direction (from top of suction cups)





## High Performance 5-Axis Technology

The 5-axis PRO-MASTER machines offer state-of-the-art CNC technology for milling 3D contours. The CAMPUS software delivered with the machine provides an open interface for transfer of complex 3D data via postprocessors from leading CAD/CAM software producers. The 5-axis PRO-MASTER series offers extremely short feed and acceleration values.

The unique 17 kW milling spindle with PRO-TORQUE Technology turns the HOLZ-HER 5-axis machines into true power packages for extreme machining operations with highest processing quality. Particularly convincing is the extremely harmonious motion of the gimbal mounted machining head guaranteeing perfect machining results.



## Nesting Technology for Perfect Formating

HOLZ-HER shifts the limits of nesting technology to new dimensions. The nesting CNC machining centers from HOLZ-HER allow machining and cutting of panel materials with optimized cutting pattern for minimum waste. The automation components for manless material handling make the DYNESTIC series even more efficient.





### ▼ DYNESTIC 7521

Universal, high end, nesting and forming solution for state-of-the-art processing of panel materials. The solid gantry design and extremely dynamic axis motions guarantee perfect results. In addition to manual charging, you can also choose between practical lifting table solutions or intelligent vacuum loading systems.

- Workpiece dimensions up to 6,250 mm in X-direction
- 2,100 mm edge routing dimensions in Y-direction



### < DYNESTIC 7515 | 7516

Your solution for custom production for specific customers – even for small lots. Perfect nesting and cutting technology with mature rectangular and free-form nesting software. Our unique high flow nesting table offers extremely high suction forces for your workpieces.

- Workpiece dimensions up to 6,300 mm in X-direction
- 1,250/1,560 mm edge routing dimensions in Y-direction





## Maximum Performance – Minimum Space

Our machines have always been designed to produce finished cut quality for immediate edgebanding. Exact, tear-free cutting for your parts with accuracy right down to 1/10<sup>th</sup> mm.



### < CUT 1255 | 1260 AUTOMATIC

Overall design, perfect human engineering and details are laid out for absolute precision and quality. With the automatic version, simply press a button to saw with automatic feed.

■ Max. cutting depth: 60 mm



#### ^ **CUT 1275 | 1280 AUTOMATIC**

HOLZ-HER's large cutting center is the apex of superior cutting accuracy and angularity in its segment. It achieves this result with its high quality design and equipment which is above average in all areas. The machine is distinguished by its program features, allowing it to manage large cutting quantities in minimum time.

- Max. cutting depth: 80 mm



#### < **CUT 1254**

Our experience is your advantage – and that at an one-of-its-kind price/performance ratio.

- Max. cutting depth: 60 mm

## High Performance Pressure Beam Saws

The pressure beam saws from HOLZ-HER unite precision engineering with intelligent software solutions for effective and precision panel cutting. Solid design and powerful sawing units are typical features you can count on.

### CUT 6220 >

The heavy duty pressure beam saw with CNC standard. The extremely fast servo-drive technology guarantees shortest cycle times while redefining the word 'accuracy'. With stack heights up to 120 mm and sawing units up to 25 kW, this saw provides maximum performance for your production.

- Cutting lengths up to 4,400 mm
- Cutting widths up to 6,250 mm
- Saw blade protrusion 130 mm



### ^ CUT 6120

The adaptable pressure beam saws with the high performance spectrum. State-of-the-art machine construction and optimized cutting cycles – packaged as complete solution to meet your precise requirements.

- Cutting lengths up to 4,400 mm
- Cutting widths up to 6,500 mm
- Saw blade protrusion 82 mm



### CUT 6010 >

Everything you need for cutting panels precisely and efficiently.

- Cutting lengths up to 4,400 mm
- Cutting widths up to 4,300 mm
- Saw blade protrusion 53 mm



# Loading and Handling Systems

## For Individual and Efficient Production

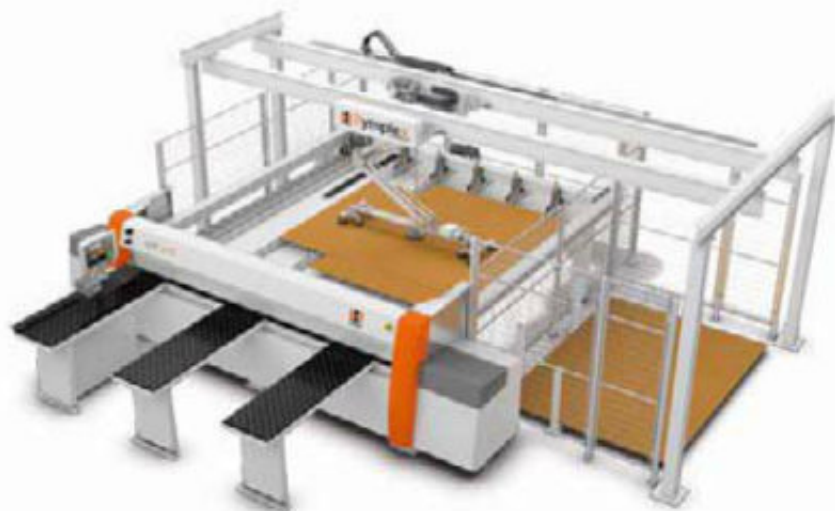
Customer requirements are changing. Our modern society with its many cultural influences is reflected by highly differing tastes. Custom solutions, taking the personal life style of the customer into consideration, are the strength of small cabinetmaking shops. However economical handling of small lots is also expected from industrial shops today. A variety of decors, veneers and new types of

panel materials poses the problem of storage and effective handling of such material for all shops. In this sector HOLZ-HER is your competent partner and a pioneer for innovative solutions in automation of panel and material handling with extreme savings potential. Profit from our knowhow and make your production more profitable.

## ZympleX

### Effective Direct Loading with Suction Cups

Automatic panel handling by simply pressing a button right on the machine. Unique software completely integrated into the machine control with graphic user support. This ergonomically designed system solution reduces the work load for employees and handles the panel material carefully. Convince yourself of our floor plan solutions with extreme savings potential.

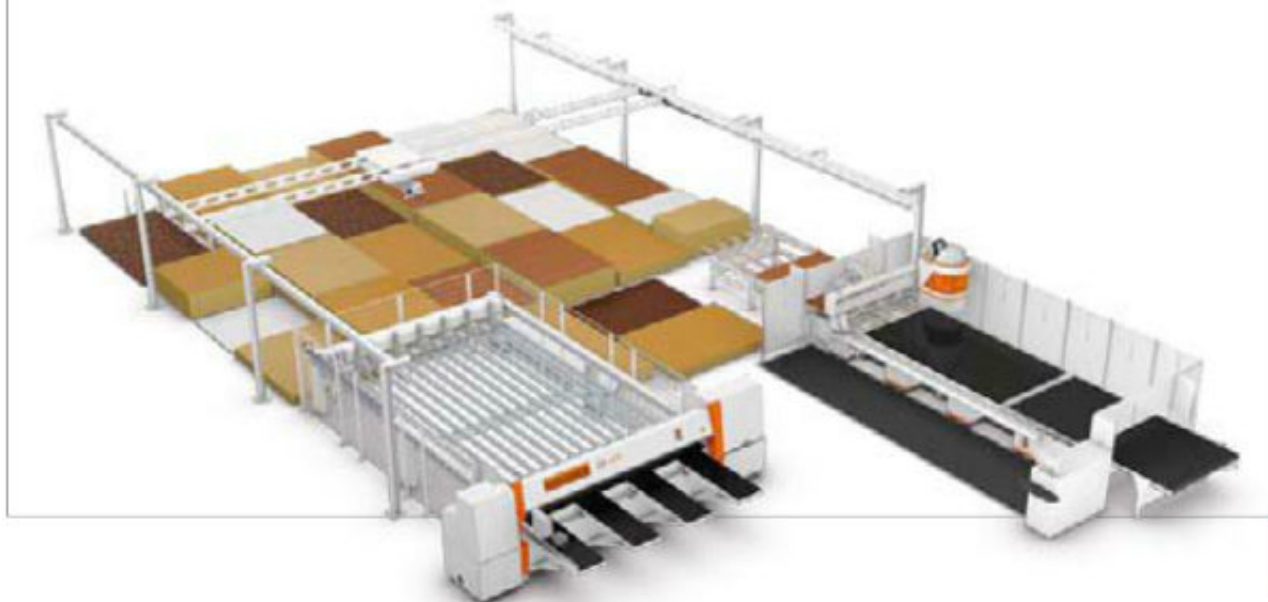


The true one-man solution for  
HOLZ-HER pressure beam saws.



## Timely and Profitable Loading of Pressure Beam Saws and CNC Machining Centers

HOLZHER storage systems offer fully automated and intelligent processes as well as highly efficient use of available storage space. Mature, fully integrated software with chaotic storage management increases production capacity enormously.



## The Lift Solution for Maximum Material Through-Put

Solid scissor type lifting table for high capacity mass production. The low space requirement and enormously high supporting capacity allow high speed processing at high material through-put rates using package cuts. Select the suitable version for optimum integration into your production process.

## Practical Software from HOLZ-HER

Mature and integrated software solutions form the heart of all HOLZ-HER machines. Here we pay particular attention to open system architecture to provide our customers with the right interfaces for their branch software or software from other companies. We continuously expand and upgrade our HOLZ-HER software to offer a comprehensive, up-to-date solution package.

### Software for CNC Machining Centers



CAMPUS with realistic 3D cutting simulation and collision monitoring. (Optional on DYNES-TIC and PRO-MASTER 7017 Classic).

#### CAMPUS with CabinetControl

- CAMPUS software package with graphic user surface (Windows). The macros provided as well as the aCADemy CAD software module ensure extremely simple operation and programming for CNC machines.
- Integrated CabinetControl Base design software for simple creation of carcass furniture. Direct generation of CNC files at the press of a button without any knowledge of programming.
- 3D simulation module allows simple entry of tool contours and provides monitoring feature to prevent any possible collisions between the tool and HSK collet chuck.

### Optimization Software for Pressure Beam Saws



The HOLZ-HER OPTI-CUT software package for pressure beam saws and OPTI-PRO for optimum work preparation.

#### HOLZ-HER Solutions for Professionals

- Perfectly optimization results
- Intuitive graphic user surface
- File interface for branch software and software from other companies
- Processing sequences including real time result depiction in 2D or 3D
- Visual check of material flow
- Graphic remnant and material management
- Common software core for fully integrated solutions with saw and storage management
- Layout and management of edging lists with predefined edging recommendation lists
- Defined cutting length adaptation from the software reduces cycle times decisively



Perfect Software –  
for optimization of  
work results.



## Programming – Sawing – Edgebanding – CNC Machining

### CabinetControl (1)

- Carcass furniture at the click of the mouse
- Automatic generation of cutting lists and CNC programs

### Perfect Data Flow (4)

- Program information also via data matrix barcode

### Rational and Precision Sawing (2)

- Perfect cutting results
- Mature optimization software
- Optimum sawing cycle

### Effective CNC Performance (5)

- Automatic program call with barcode
- Variable programming with CAMPUS-Software
- Perfect cutting results

### Intelligent Edgebanding (3)

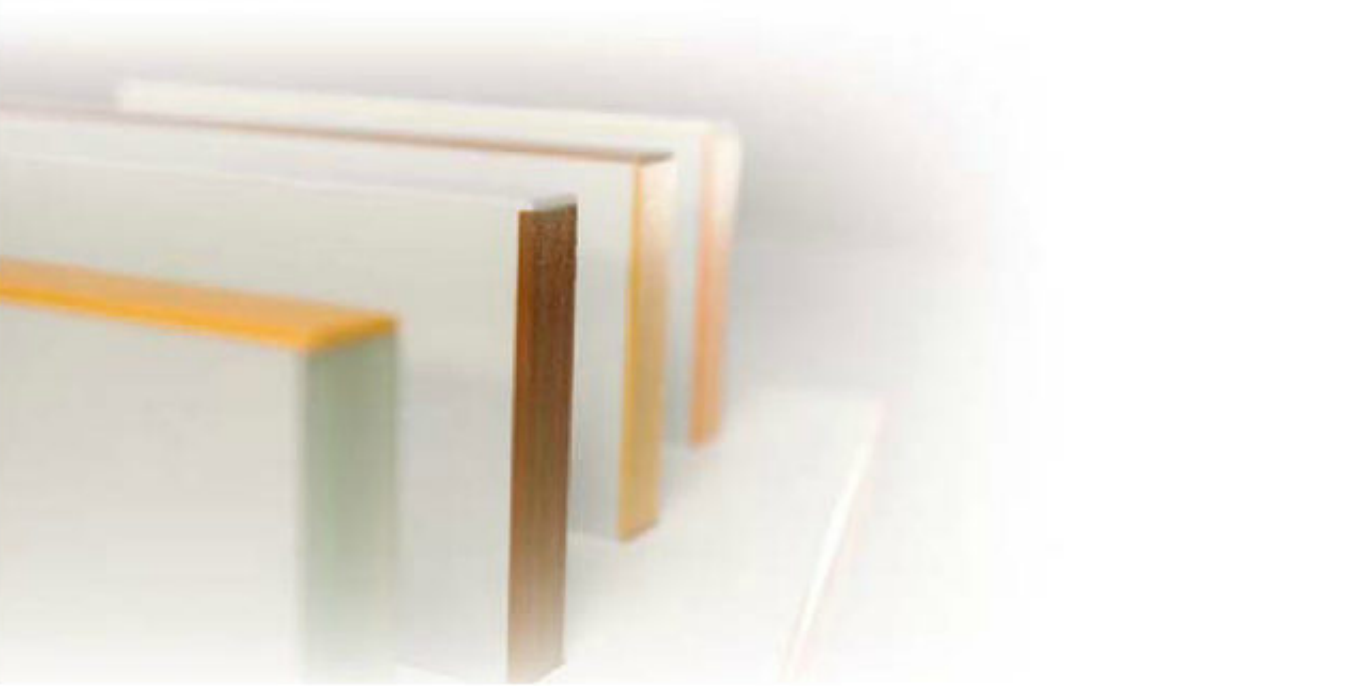
- Program selection at the press of a button
- Alternative: fully automatic with barcode



## Think Globally – Act Locally

We offer our customers top service and maximum commitment at all levels of cooperation. In the after-sales sector our comprehensive service concept guarantees that HOLZ-HER machines are dependable and efficient right from the very beginning.

From professional installation and start-up, to intensive training by experienced HOLZ-HER experts, maintenance and, if required, service, we are always at your side for the entire life of your machine. And we are nearly always available for you – around the clock. Our HOLZ-HER online support with direct access to your machine offers quick and effective solutions, worldwide. Our certified local agents speak your language and provide the knowhow you and your employees need for a strong partnership.



## Spare Parts Service

If it is ever necessary to replace a part, quick response has top priority. And, to ensure that everything works smoothly, we promise you simple ordering and prompt delivery as well as guaranteeing availability of replacement parts for many years. We keep over half a million parts on hand for you and deliver them reliably and in the shortest possible time, worldwide.



## Service-Hotline

Talk to our professionals. At our service hotline you can speak with experts, who know what you need and can help you quickly and effectively.

**SERVICE CENTER GERMANY**  
**+49 (0) 70 22 702 100**

(Or contact your local authorized HOLZ-HER dealer.)



Product brochures and many  
videos are available at  
[www.holzher.com](http://www.holzher.com)

The technical data specified is intended for reference only. HOLZ-HER woodworking machines are subject to constant development and are therefore subject to modification without prior notice. The illustrations are therefore not binding. Some of the machines shown also contain special equipment not included as a standard feature. For clarity, some of the machines are shown without protective hood.

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