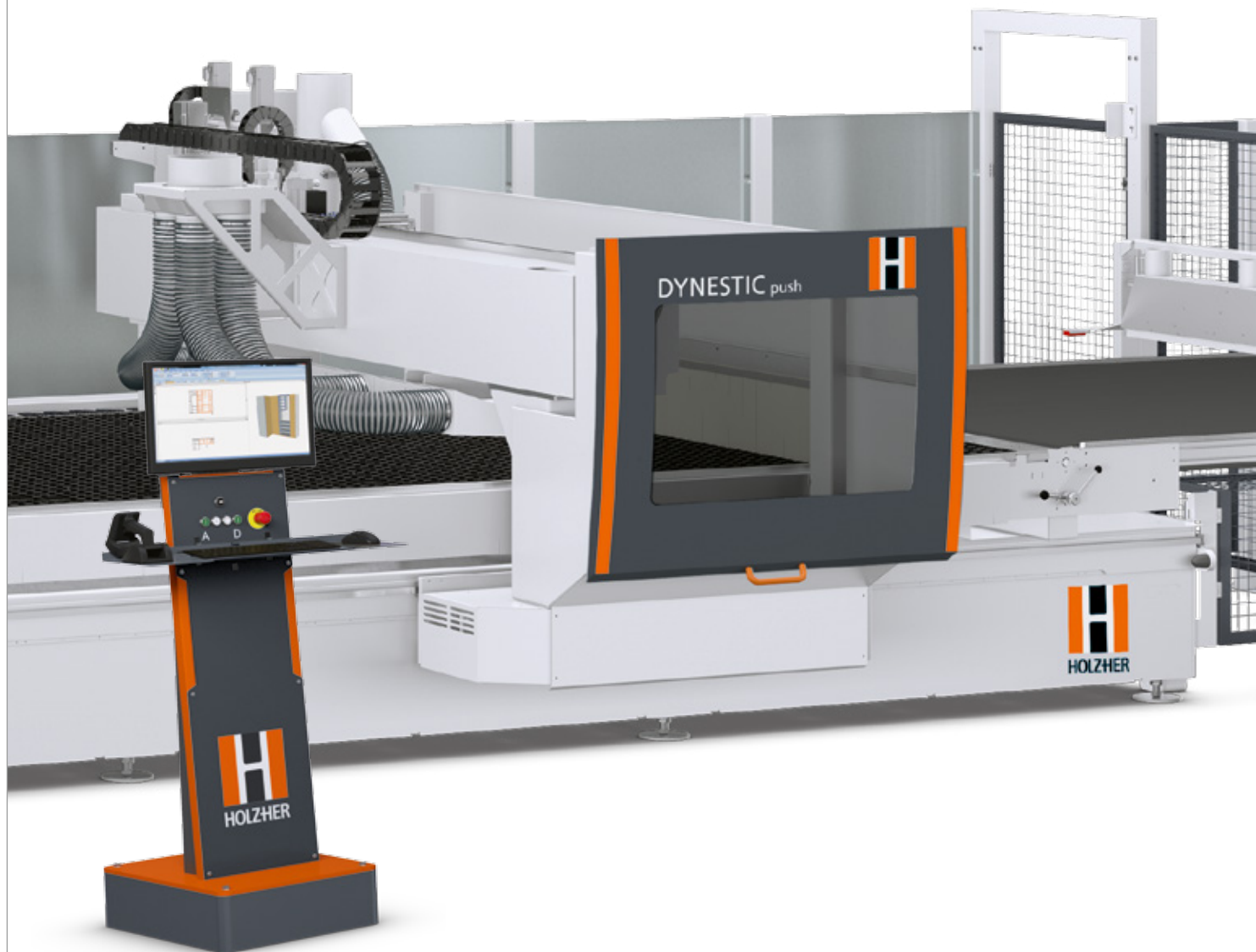


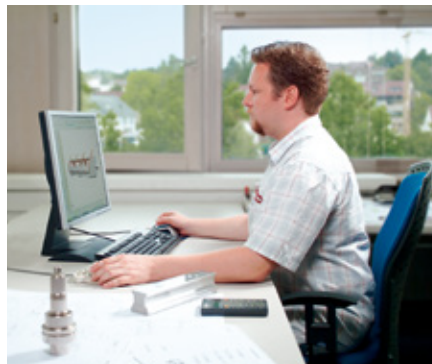
High End Gantry CNC

DYNESTIC 7532



PRODUCTIVITY AND PRECISION





Perfect panel processing is our passion

Our engineers are 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 why HOLZ-HER offers a range 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 alongside 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.

Absolute precision in
production guarantees
perfect results for customers.



What you can expect from us

- We want to understand our customers and partners as well as we possibly can and we want to optimize and increase their success by providing them with innovative products and services.
- Close contact with our dealers as well as with end customers, cabinet makers, interior architects and industrial workshops is one of HOLZ-HER's particular strengths.
- HOLZ-HER places a great deal of value on providing above-average performance in all areas, looking ahead to the future, achieving continuity and consistency in development and design and perfecting production, as well as providing in-depth sales and service advice.
- The ability to recognize and anticipate trends is a key skill for strong companies like HOLZ-HER. This requires the qualifications of each and every employee to be kept up to date. For this reason, HOLZ-HER places a great deal of emphasis on professional training for young employees. A choice selection of advanced occupational courses and personal training keep the learning process going.



The WEINIG Group: Machines and systems for solid wood and panel processing

Innovative state-of-the-art technology, comprehensive services and system solutions through to turnkey production lines: the WEINIG Group is your partner for profitable processing of solid wood and panels. WEINIG quality and profitability give small businesses and industrial operations a decisive edge in the global competition.

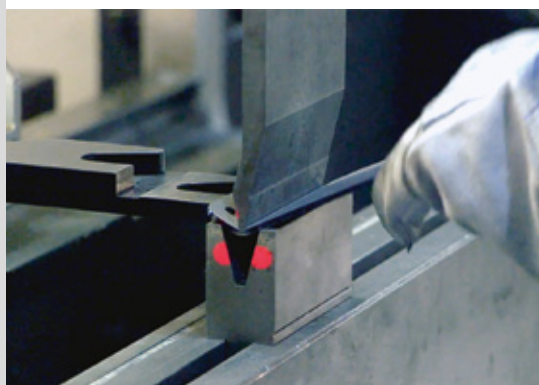


Solutions developed by professionals for professionals

Wherever professionals work precisely and efficiently with panel materials around the globe, machines from HOLZ-HER are present, offering reliable performance day after day. In order to succeed in this highly competitive market, it is necessary to always remain one step ahead of the competition. For HOLZ-HER employees it is only a matter of course to take responsibility for major, complex work sequences and pay attention to achieving 100 % quality, right down to the smallest detail. Our staff always thinks and acts as a partner for our customers.

Production is the heart of any industrial enterprise. Our state-of-the-art production techniques at the HOLZ-HER production facilities in Voitsberg in the Austrian State of Steiermark are decisive for high quality, flexibility and economic production costs. Keeping core competencies for production in the company is one of HOLZ-HER's top priorities. This includes, for example, our own steel construction facilities with all technical equipment – which helps us to maintain short delivery times – or our own prototype construction shop. Intensive testing right from the start ensures that the state-of-the-art solutions remain in line with HOLZ-HER's stringent quality requirements at all times. And finally, a well thought out service concept for after-sales guarantees that our customers can depend on HOLZ-HER machines right from the start as well as over their long service life.

Video
Image





Single-company quality – from steel plate to finished machine

- Up to 2200 tons of steel and aluminum are used in HOLZ-HER's own frame construction plant. A laser cutting unit with fully automatic feeding optimizes the cutting of steel plates with thicknesses of up to 25 mm. This is why HOLZ-HER always can use the ideal material thickness for all resistance relevant mechanical components.
- 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. Optimally designed welding equipment ensures consistent high quality on your machine.
- The completely welded frames are milled with a high level of precision on a number of long-bed cutting machines. This ensures that all surfaces are optimally prepared for later attachment of guides and equipment.
- After cleaning and painting, the frames are moved to final assembly, where all units and components are installed.
- Before packing and shipping, comprehensive final inspection is performed to guarantee highest quality standards for your machine.

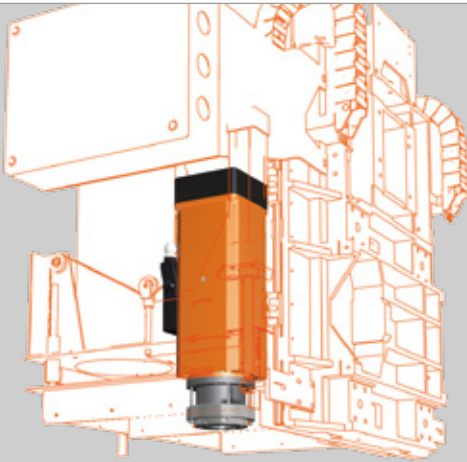
DYNESTIC 7532 – Nesting and much, much more

The DYNESTIC 7532 Gantry CNC Machine expands the limits for nesting technology to new dimensions. Solid machine construction and technology at the highest level ensure high production capacity and precisely produced work.

- Welded moving stands in gantry design – high rigidity, particularly stable for maximum loads.
- Two synchronized servo-drives in X-direction.
- Covered, ground and hardened v-guides on all axes for exceptional precision and long service life.
- High dynamics and a vector speed of 120 m/min.
- High flow nesting table for optimum vacuum distribution.
- Selection of high power, precision milling spindles with 8 kW or 12 kW air cooled or 10 kW liquid cooled.

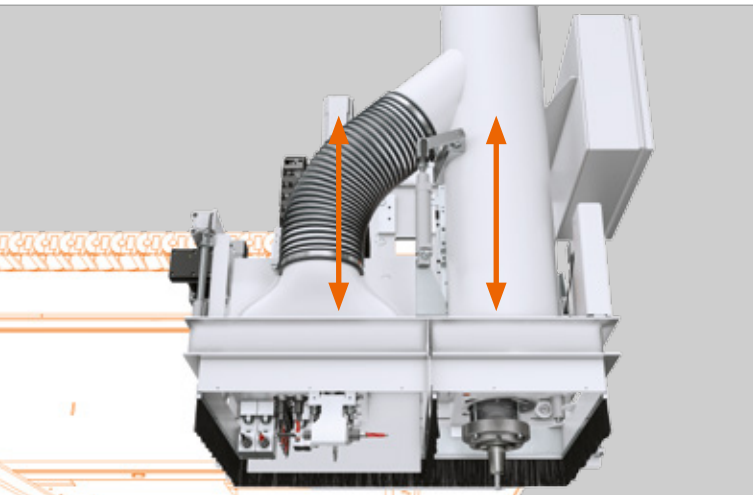


MACHINE HIGHLIGHTS



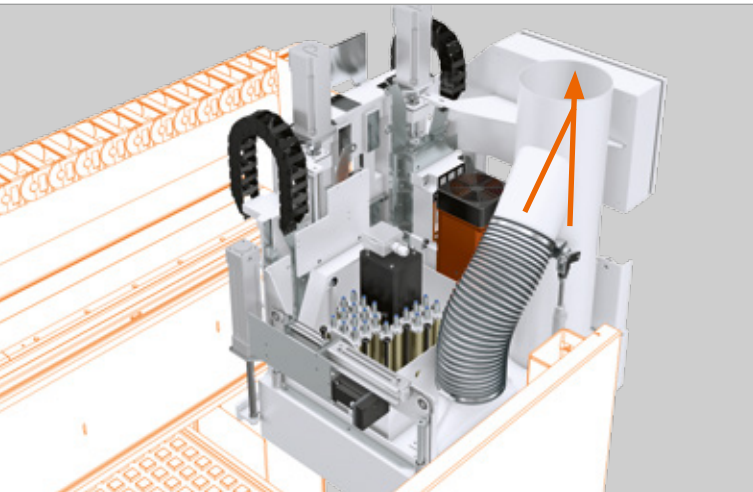
Hybrid bearing, precision milling spindle

- 8 kW of power (standard air cooled)
- Optional high power milling spindle:
12 kW air cooled,
10 kW liquid cooled.



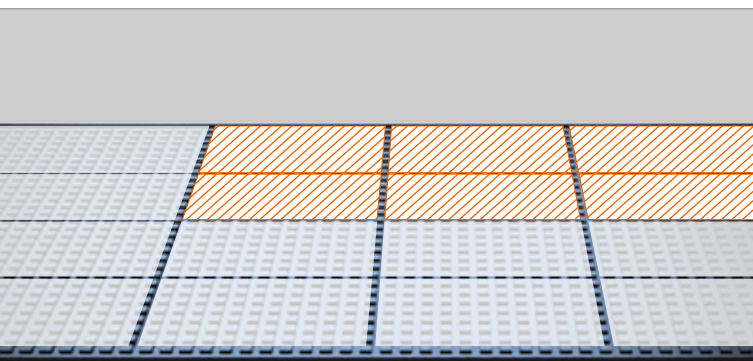
Maximum dynamics

With two Z-axes and optimized evacuation for maximum dynamics.





Intelligent evacuation management

With automatic switching from milling spindle to drilling unit.



High flow nesting

High flow nesting table with 1-field or 16-field vacuum – software controlled.

Field control:  active
 inactive

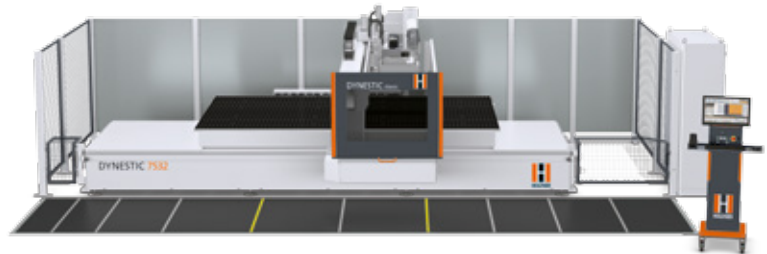
Perfectly designed for your application

You can select the individual machine classic by itself or as an automatic version.

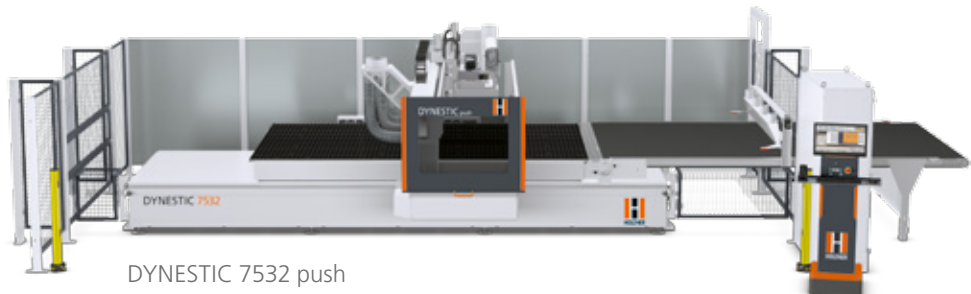
The push version pushes the finished nest on to the conveyor belt and cleans the machine table for processing the next panel.

The automatic version is ideal for high performance – even for produce lots of 1 – in combination with the automatic HOLZ-HER STORE-MASTER 5110 panel handling system.

The DYNESTIC 7532 lift and standard elevating table guarantee highly efficient processing of complete stacks of panels.



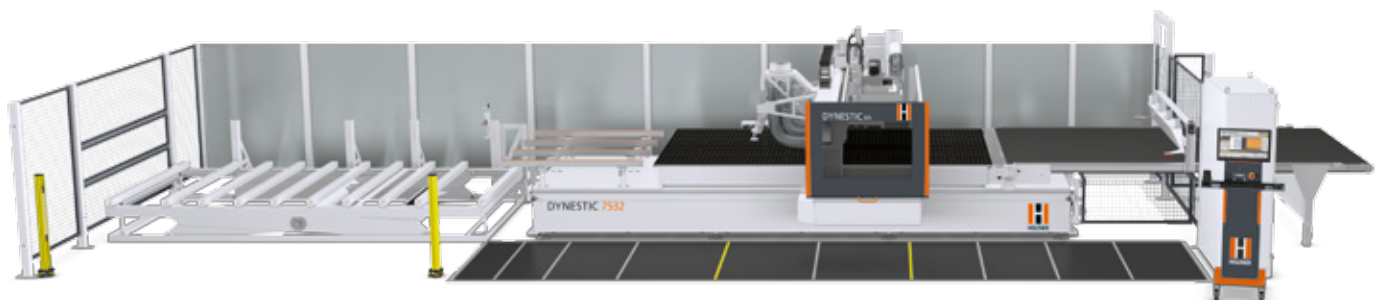
DYNESTIC 7532 classic



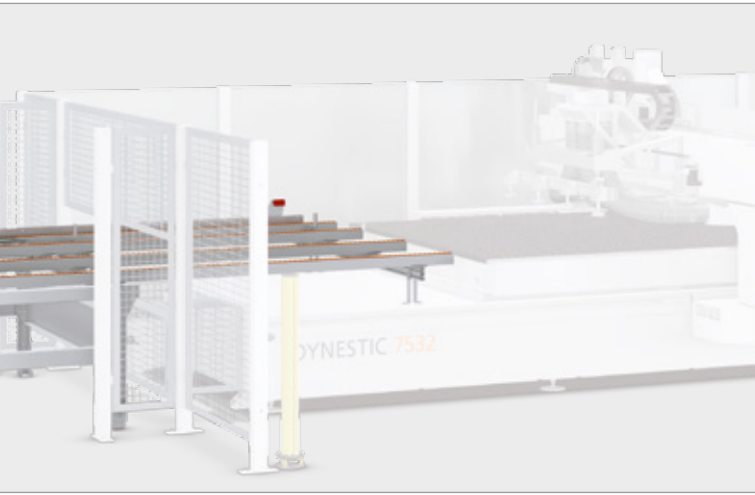
DYNESTIC 7532 push



DYNESTIC 7532 automatic



DYNESTIC 7532 lift



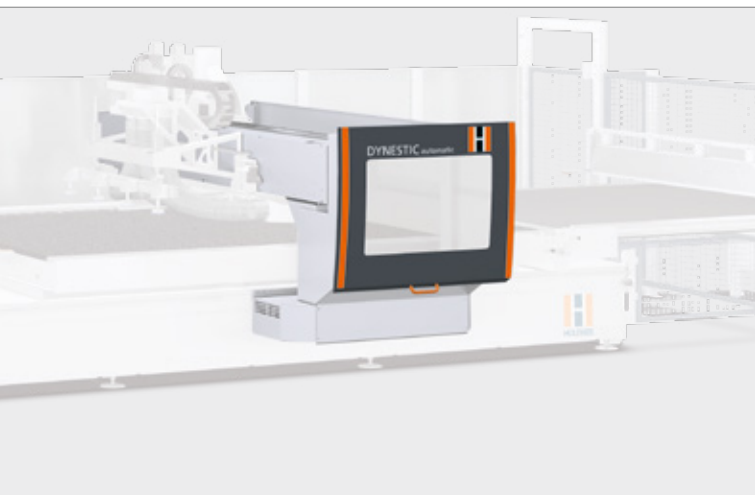
In-Feed area

- Entry roller belt with integrated belt conveyor. Perfect for combination with the STORE-MASTER 5110 panel handling system.
- Alternative solid scissors-type elevating table with light barrier control. Ideal for handling complete stacks of panels.



Charging unit

- Pull-in mechanism for automatically positioning the panel on the nesting table. Including automatic lateral positioning on stop bar.
- Optional with second vacuum circuit and additional suction cups for heavy material and various panel widths.



Discharge pusher

- Software controlled discharge pusher with integrated evacuation. Motor-driven height positioning for cleaning finished nest and wearing plate.
- Integrated under-floor evacuation at end of machine table.



Discharge area

- Discharge conveyor belt with light barrier control and foot pedal.
- Optional with motor-controlled dust collection over conveyor belt for cleaning panel surface.

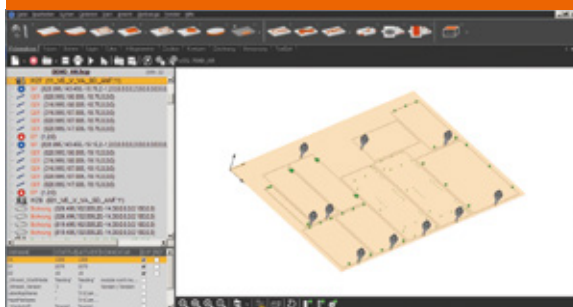
The perfect software package for nesting work

- Effective and convenient programming with CAMPUS/NC-Hops software package.
- Integrated GUI including aCADemy CAD module. Also for professional DXF/DWG import to machine.
- HOLZ-HER BetterNest Software available for rectangular and free-form nesting with intelligent cutting optimization.
- The open software architecture allows a variety of import possibilities for linkage to third party software partners.



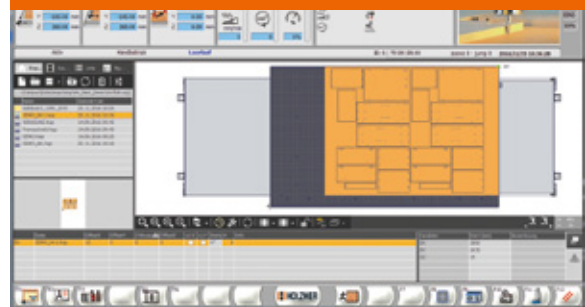
Perfect operation thanks to ergonomic control console and 21.5" monitor with 16:9 format.

CAMPUS/NC-Hops



Extremely simple programming

CAMPUS/NC-Hops



Job list

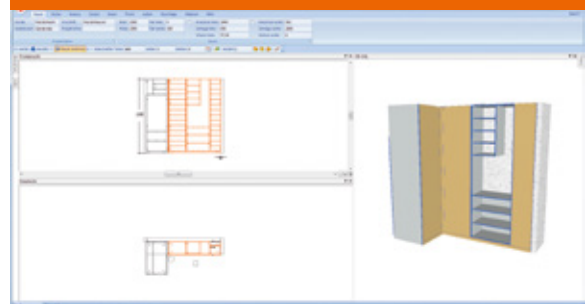
BetterNest



Rectangular nesting

Free-form nesting

CabinetControl



CabinetControl Base

Equipment overview

Machine	DYNESTIC 7532 12.7 / 15.7 classic	DYNESTIC 7532 12.7 / 15.7 push	DYNESTIC 7532 12.7 / 15.7 automatic	DYNESTIC 7532 12.7 / 15.7 lift	Options
Machining dimensions in X direction	3700 / 4600 mm	3700 / 4600 mm	3700 / 4600 mm	3700 / 4600 mm	
Machining dimensions in Y direction	2200 mm	2200 mm	2200 mm	2200 mm	
Vector speed	120 m/min	120 m/min	120 m/min	120 m/min	
Cutter unit	8 kW, air-cooled, 1000 – 24,000 rpm	8 kW, air-cooled, 1000 – 24,000 rpm	8 kW, air-cooled, 1000 – 24,000 rpm	8 kW, air-cooled, 1000 – 24,000 rpm	12 kW, air-cooled, 1000 – 24,000 rpm 10 kW, liquid-cooled, 1000 – 24,000 rpm
Drilling head L (Standard)	Drilling head L 15 Spindles (9 V 6 H), incl. sawing unit for grooving in X-direction	Drilling head L 15 Spindles (9 V 6 H), incl. sawing unit for grooving in X-direction	Drilling head L 15 Spindles (9 V 6 H), incl. sawing unit for grooving in X-direction	Drilling head L 15 Spindles (9 V 6 H), incl. sawing unit for grooving in X-direction	
Drilling head XL (Optional)	Drilling head XL* 19 Spindles (9 V 6 H), incl. sawing unit for grooving in X-direction	Drilling head XL* 19 Spindles (9 V 6 H), incl. sawing unit for grooving in X-direction	Drilling head XL* 19 Spindles (9 V 6 H), incl. sawing unit for grooving in X-direction	Drilling head XL* 19 Spindles (9 V 6 H), incl. sawing unit for grooving in X-direction	* Double drilling spindle in Y-direction *** Vertical adapter with double positioning force
Drilling head XXL (Optional)	Drilling head XXL** 34 Spindles (34 V)	Drilling head XXL** 34 Spindles (34 V)	Drilling head XXL** 34 Spindles (34 V)	Drilling head XXL** 34 Spindles (34 V)	*** Additional grooving saw in Y-direction ** Additional grooving saw in X-direction
Automation	x	x	Charging table with roller and belt conveyors	Lifting table with roller conveyors	
	x	x	Pull-in mechanism with lateral positioning	Pull-in mechanism with lateral positioning	
	x	Automatic discharge pusher with integrated evacuation	Automatic discharge pusher with integrated evacuation	Automatic discharge pusher with integrated evacuation	
	x	Discharge table with conveyor belt	Discharge table with conveyor belt	Discharge table with conveyor belt	
Workpiece support	High flow nesting table with continuous vacuum field	High flow nesting table with continuous vacuum field	High flow nesting table with continuous vacuum field	High flow nesting table with continuous vacuum field	16-field vacuum, software controlled
Safety equipment	Light grid	Light grid	Light grid	Light grid	3-field foot mat
Workpiece clamping	500 m³/h low maintenance, dry-running type vacuum pump	500 m³/h low maintenance, dry-running type vacuum pump	500 m³/h low maintenance, dry-running type vacuum pump	500 m³/h low maintenance, dry-running type vacuum pump	Additional, dry-running type vacuum pump: 250 m³/h or 500 m³/h
Tool changer	14-position pick-up tool changer with tool cover	14-position pick-up tool changer with tool cover	14-position pick-up tool changer with tool cover	14-position pick-up tool changer with tool cover	1-position X/Y pick-up tool changer with tool cover 18-position traveling disk tool changer (in place of Pick-Up)
Software	CAMPUS software machine licence package incl. aCADemy CAD/CAM module and CabinetControl Base	CAMPUS software machine licence package incl. aCADemy CAD/CAM module and CabinetControl Base	CAMPUS software machine licence package incl. aCADemy CAD/CAM module and CabinetControl Base	CAMPUS software machine licence package incl. aCADemy CAD/CAM module and CabinetControl Base	CAMPUS software office license BetterNest rectangular nesting BetterNest free-form nesting

Standard

Optional

x

Not possible

Product brochures and many
videos are available at
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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