

Precise. Quick. Rational.

DYNESTIC 7505 | 7507



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

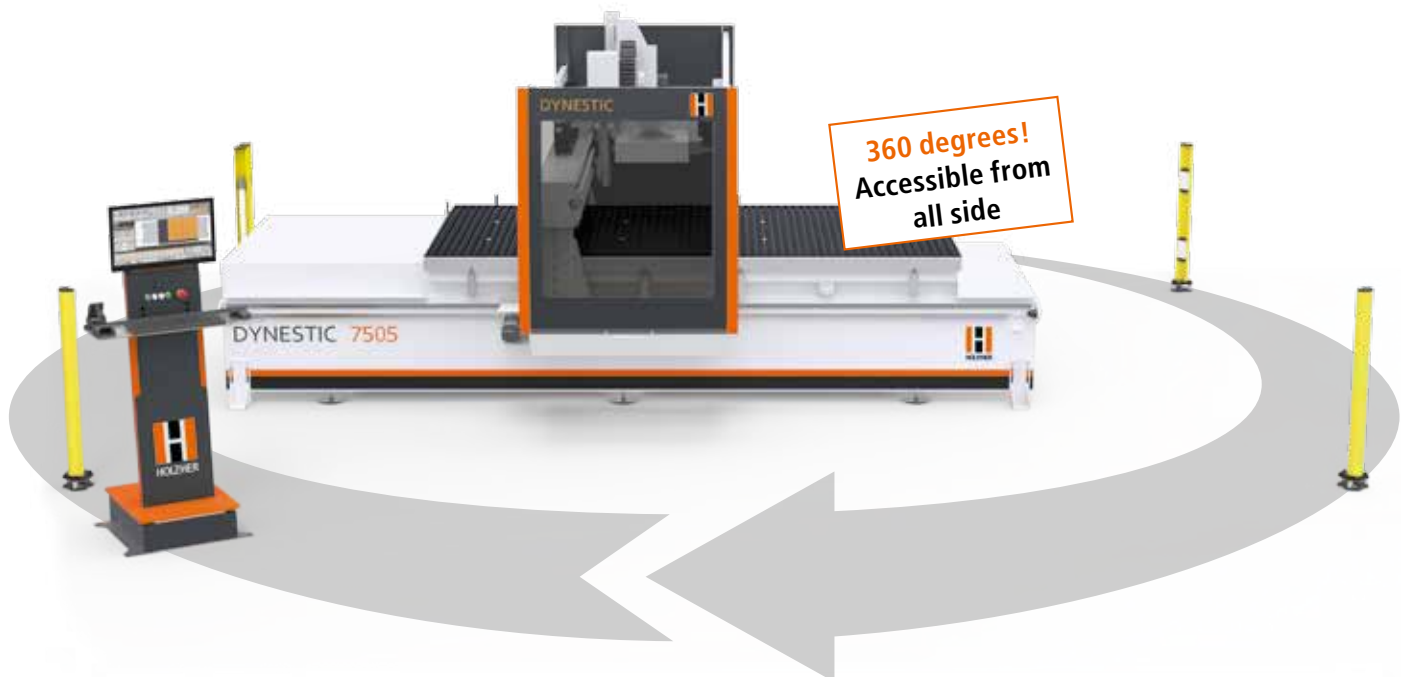
Innovative state-of-the-art technology, comprehensive services and system solutions through to turnkey production lines: the WEINIG Group is your partner for profitable processing of solid wood and panels. WEINIG quality and profitability give small businesses and industrial operations a decisive edge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



Full power with the latest nesting technology

Two series for highly efficient panel machining with nesting technology in modern gantry design. This optimized design enables really short machining cycles, while at the same time ensuring the best machining results.

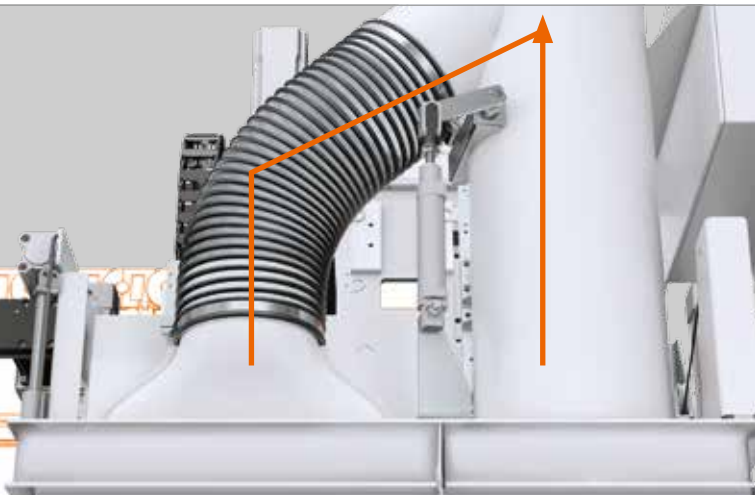
- Integrated linear 6-position tool changer, can be upgraded to up to 12 tool change positions.
- LED machine lettering with operating status display.
- High-performance spindle with ceramic bearing.
- Fully-equipped drilling head with up to 24 drilling spindles and grooving saws in X- and Y-direction.



MACHINE HIGHLIGHTS

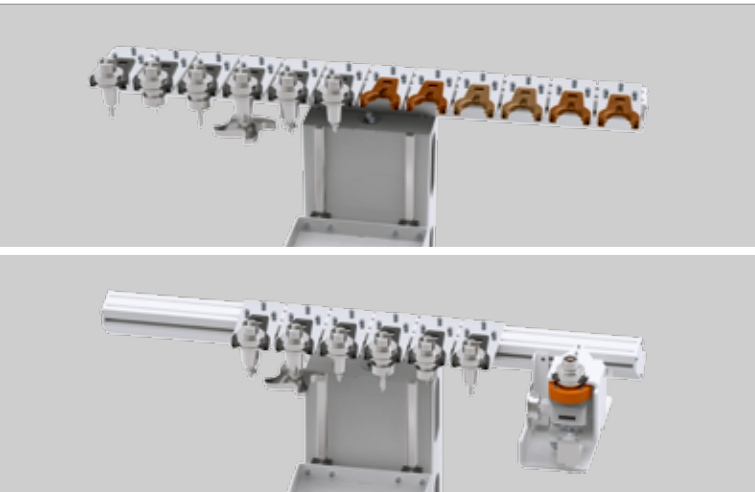
Hybrid bearing, precision milling spindle

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



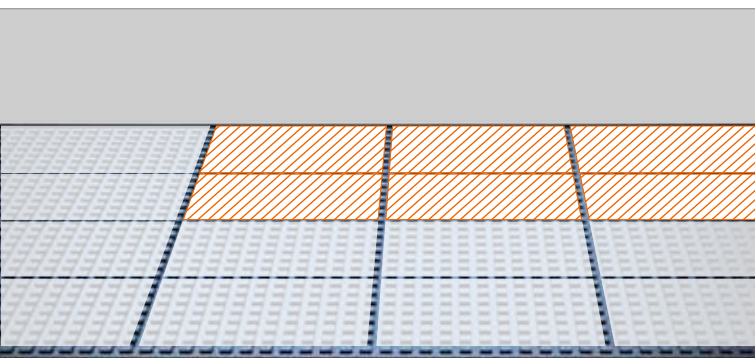
Intelligent evacuation management

With automatic switching from milling spindle to drilling unit.





Tool changer

- 6-position pick-up tool changer integrated into the machine frame. Can be upgraded to up to 12 tool change positions.
- Also option to upgrade with X/Y tool changer for the DYNESTIC angle gear.



High-flow nesting table

High-flow nesting table with 1-field vacuum (standard) or 8-field vacuum (DYNESTIC 7505) or 16-field vacuum (DYNESTIC 7507) – software controlled.

Field control:  active
 inactive

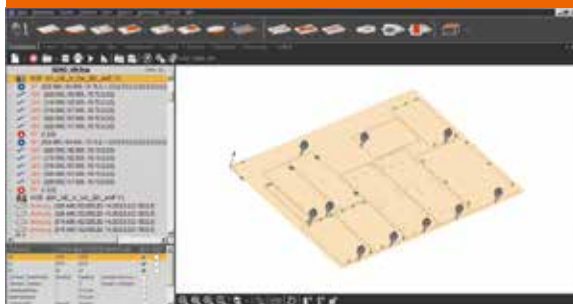
The perfect software package for all nesting applications

- Effective and convenient programming with the CAMPUS/NC-Hops software package.
- Integrated GUI including aCADemy CAD module. Also for professional DXF/DWG import to the 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

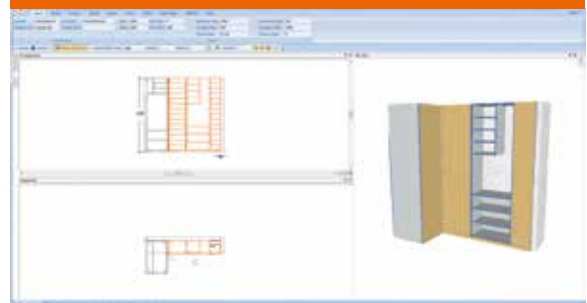
BetterNest



Rectangular nesting

Free-form nesting

CabinetControl



CabinetCompiler

Equipment overview

| Machine | DYNESTIC 7505 10.5 / 12.5 classic | DYNESTIC 7505 10.5 / 12.5 push | DYNESTIC 7507 10.7 / 15.7 classic | DYNESTIC 7507 10.7 / 15.7 push | Options |
|--|--|--|--|--|---|
| Machining dimensions in X direction | 3100/3700 mm | 3100/3700 mm | 3100/4600 mm | 3100/4600 mm | |
| Machining dimensions in Y direction | 1580 mm | 1580 mm | 2200 mm | 2200 mm | |
| Vector speed | 110 m/min | 110 m/min | 110 m/min | 110 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 | Drilling head L 14 spindles (10 V 4 H) including sawing unit in X-direction | Drilling head L 14 spindles (10 V 4 H) including sawing unit in X-direction | Drilling head L 14 spindles (10 V 4 H) including sawing unit in X-direction | Drilling head L 14 spindles (10 V 4 H) including sawing unit in X-direction | Drilling head XL 24 spindles (18 V 6 H) including sawing unit in X-direction Double drilling spindle in Y-direction Vertical drilling spindle with double positioning force |
| Drilling head XL | | | | | Double drilling spindle in Y-direction Vertical drilling spindle with double positioning force |
| Automation | x | Automatic discharge pusher with integrated evacuation | x | Automatic discharge pusher with integrated evacuation | |
| | x | Discharge table | x | Discharge table | 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** | * 8-field vacuum, software controlled |
| | | | | | **16-field vacuum, software controlled |
| Safety equipment | Light grid | Light grid | Light grid | Light grid | |
| Workpiece clamping | 2 x 140 m³/h vacuum pump low maintenance dry-running version | 2 x 140 m³/h vacuum pump low maintenance dry-running version | 2 x 140 m³/h vacuum pump low maintenance dry-running version | 2 x 140 m³/h vacuum pump low maintenance dry-running version | Additional vacuum pump |
| | | | | | 140 m³/h vacuum pump 250 m³/h vacuum pump |
| Tool changer | 6-position pick-up tool changer in the machine frame | 6-position pick-up tool changer in the machine frame | 6-position pick-up tool changer in the machine frame | 6-position pick-up tool changer in the machine frame | Can be upgraded to up to 12 tool change positions (max. 3 x 2 items) |
| | | | | | 1-position X/Y pick-up tool changer with tool cover |
| Software | CAMPUS software machine license incl. aCADemy CAD/CAM module and CabinetControl Base | CAMPUS software machine license incl. aCADemy CAD/CAM module and CabinetControl Base | CAMPUS software machine license incl. aCADemy CAD/CAM module and CabinetControl Base | CAMPUS software machine license incl. aCADemy CAD/CAM module and CabinetControl Base | CAMPUS software office license |
| | | | | | BetterNest rectangular nesting |
| | | | | | BetterNest free-form nesting |

Standard

Optional

x

Not possible



Free space

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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