



CAD/
CAM

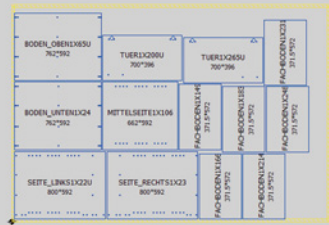
Planning Software

CSV transfer from HOLZ-HER
certified planning 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.

THE NEXTEC 4.0 SOLUTION

The NEXTEC package is the local solution for your transparent production control. With the NEXTEC 4.0 Network PC you can digitally connect your furniture planning in the office with your CNC machine. All CAD/CAM data compiled in the office with your planning software can be transferred to your machine in the shop using the Warehouse-Production-List. Digitization made simple: Realize your workshop of the future today.



Video
NEXTEC 4.0



	DYNESTIC 7535 classic	DYNESTIC 7535* push	DYNESTIC 7735* automatic	DYNESTIC 7735* lift
	10.5 12.5 20.5 12.7 15.7 20.7	10.5 12.5 20.5 12.7 15.7 20.7	10.5 12.5 20.5 12.7 15.7 20.7	10.5 12.5 20.5 12.7 15.7 20.7
Machining Dimensions 5' in X-Direction in Y-Direction	3,100 / 3,700 / 6,250 mm 1,600 mm			
Machining Dimensions 7' in X-Direction in Y-Direction	3,700 / 4,600 / 6,250 mm 2,200 mm			
Vector Speed	128 m/min			
5-Axis Cutter Unit	13 kW, liquid-cooled, 1,000 – 24,000 rpm			
	18 kW, liquid-cooled, 1,000 – 24,000 rpm			
Drilling Head L	16 spindles (10 V 6 H), incl. sawing unit in X direction			
Drilling Head XL	24 spindles (18 V 6 H), incl. sawing unit in X direction			
Automation	x	x	Charging table with entry roller track and belt conveyor	Elevating table with entry roller tracks
	x	x	Feeder unit with transverse positioning	
	x	Automatic discharge pusher with integrated vacuum		
	x	Discharge table with conveyor		
Workpiece Support	5' 8/16 field vacuum, software controlled 7' 16/32 field vacuum, software controlled			
Safety Equipment	Light grid			
	3-field foot mat			
Workpiece Clamping	5' 250 m³/h low maintenance, dry-running type vacuum pump 7' 500 m³/h low maintenance, dry-running type vacuum pump			
	Additional vacuum pumps			
Tool Changer	14-position pick-up tool changer integrated into the machine frame			
	Second 14-position pick-up tool changer			
	18-position traveling disk tool changer (in place of pick-up)			
	Saw blade changer, traveling, with tool cover			
Software	CAMPUS Software			

Standard Optional x Not possible *also available as right-hand version

HOLZ-HER GmbH

Großer Forst 4 | 72622 Nürtingen
sales@holzher.com | www.holzher.com



Technical data

The technical data are guide values. We reserve all rights to changes in design and equipment, because HOLZ-HER machines are subject to continuous development. The machines shown also contain special equipment not included as a standard feature. For clarity, some of the machines are shown without protective hood.
Picture credit: © Shutterstock Roman Samborski, © Shutterstock I Astrovector
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Edgebanders CNC Machining Centers Vertical Panel Saws Beam Saws Material Handling



NESTING MACHINING



DYNESTIC SERIES

Intelligent 5-Axis Technology for Efficient Production

Solid machine construction and traveling column
with solid gantry design ensure maximum precision
and optimum milling results.

The high flow nesting table guarantees optimum
vacuum flow, making the 5-axis version of the
DYNESTIC a true all-round talent with virtually
unlimited machining capabilities.

Whether as a DYNESTIC 7535 classic, push,
automatic or lift – this 5-axis CNC machine sets
standards in terms of functionality and flexibility.



Video
TwinTable



DYNESTIC 7535

Flexible 5-Axis Nesting Machining



My DYNESTIC 7535
Opens up Completely
New Ranges of
Application for me.



Enormous Time Savings
Resulting from complete format-
ting and CNC machining with
only one clamping operation.



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.



TwinTable
Ingenious combination of grid
and smooth table for even more
versatile applications.



EFFICIENT PRODUCTION

Dynamic, flexible and apex quality in every respect – the DYNESTIC series from HOLZ-HER is the machining center for complete panel machining using the nesting process.

The enormous versatility in its various equipment versions allows this CNC series to be adapted to any desired operating mode and highly differing degrees of automation.

BetterNest Software Modules Make the Difference

- Nesting of individual parts or time-saving combination of milling paths.
- Parametric definition of small parts for nesting strategy.
- Easy programs with dimensions from lists and nest.
- MultiNest intelligence – automatic selection of matching panel with minimum waste.

DYNESTIC 7535

All Nesting Technology Features with 5-Axis Power

Flat Table Suction Cups 1

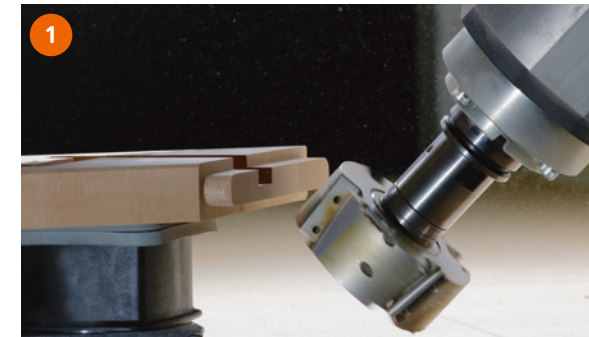
Universal machining of staircase components, solid wood panels and door leaves with flexible 5-axis head and 100 mm flat table suction cups.

Absolute Flexibility 2

Well-thought-through solutions for all popular furniture connectors – regardless of whether on the surface, edge or mitre cut! The DYNESTIC software knows all necessary processing steps and puts them in the right positions.

High Speed, Laser Supported Cutting 3

Turn off-cuts into valuable workpieces – and turn your DYNESTIC into a virtual formatting saw with the single cut feature.



A Complete Cabinet Wall in Less than 30 Minutes

It's child's play with the DYNESTIC! As soon as you have completed the plans for your custom furniture, the program generates all the necessary CNC programs as well as nesting plans with optimized cutting.



Professional DXF Import

The open interfaces to post-processors gives HOLZ-HER machining centers enormous flexibility including data transfer from leading CAD/CAM programs. And best of all: CAD drawings are generated simply on the virtual machine table – without any intermediate steps whatsoever.

Solid Gantry Design

Double synchronous drive for maximum precision and optimum milling results.

Machining Head

5-axis cutter unit with 13 or 18 kW. Drilling unit with up to 24 spindles.

Labeling Systems

Manual and automatic labeling systems are available for marking workpieces.

Charging and Discharging Device

For positioning panels while charging and cleaning before discharge.

LED Mode Display

LED display for various operating states.

DirectCut Line Laser

The virtual formatting saw on the DYNESTIC.

Flat Table Suction Cups

Conversion to suction cups in seconds.

Discharge Area

Motor-controlled discharge conveyor belt

PowerLabel

For maximum productivity.



ViaCockpit Machine Monitoring

Ready for the future with digitization of production sequences and transparent data flow.

THE PERFECT SOLUTION FOR YOUR SHOP

You can Select the Individual Classic Machine or One of the Automatic Versions.

Classic Version

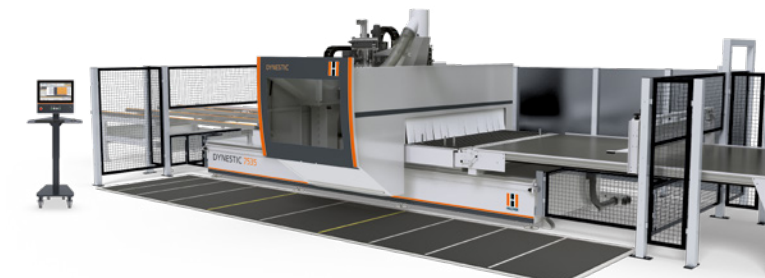
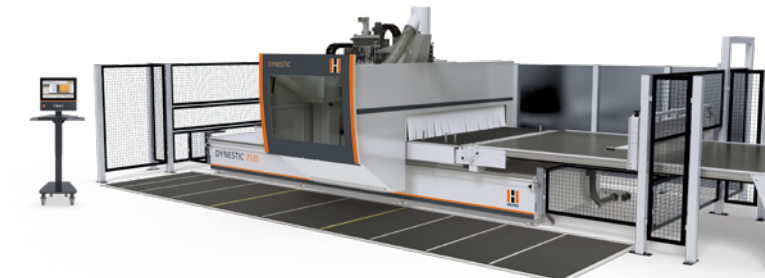
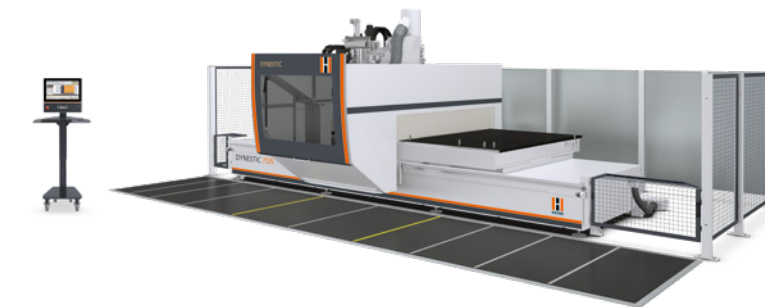
The Classic version offers a space-saving and versatile stand-alone solution for the entire spectrum of CNC machining.

Push Version

On the Push version, a height-controlled pusher serves simultaneously for cleaning the nested workpieces and automatic transport of the workpieces to the conveyor belt with motor-driven indexing. This makes the machine table immediately available for the next panel and the operator can remove the finished workpieces quickly and simply.

Automatic Version

The automatic version allows the DYNESTIC to be integrated seamlessly into an automated panel storage system. The HOLZ-HER STORE MASTER system supports mass production just as efficiently as the highly varying material mix for lot sizes of one.



Lift Version

The DYNESTIC Lift version is perfect for machining entire stacks of panels with extremely high panel throughput. The lifting table is positioned hydraulically and the front edge of the panel is measured for automatic dimensional correction as soon as it is moved onto the machine table.

