

NEXTEC

URNS YOUR CARPENTRY SHOP
INTO A WORKSHOP OF THE FUTURE.



NEXTEC

The machine series for new ways of thinking!




What would happen, if the future
had already begun?

The answer is NEXTEC!

The complete solution for producing furniture
without programming.





Free selection of
connection technique

You or your employees
select the desired piece
of furniture with a mouse
click – everything else
is accomplished by the
NEXTEC.



You can produce a
complete cabinet wall
in less than 30 minutes.

100 

Value creation in your workshop.

P-System



READY

Everything with one
clamping operation.

The unique NEXTEC Clamex
package for P-system pockets on
the surface and on the edge.

Over

300

pieces of furniture ready
for production in the 3D
CabinetControl database –
fully customizable.

DirectCut

Our high speed, laser-supported
cutting system turns remnants into
valuable furniture components.



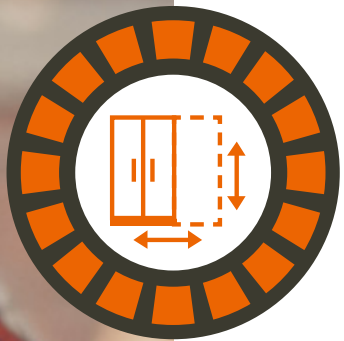
It is really so simple ...

Just 3 steps away from finished furniture – with CabinetSelect, the heart of NEXTEC CNC.



Select

Just a click of the mouse is all that is required to select the desired piece of furniture from the extensive CabinetSelect database and drop it into your cart.



Adapt

Create any piece of custom furniture by simply adapting dimensions and quantities. The NEXTEC writes the required nesting programs for forming, drilling and grooving in the background – all you have to do is position the panel and press the “Start” button.



Ready

Just remove the finished work from the machining table and apply edging as required. And you are ready to assemble the furniture. Now select the right connection technique.



1

Process Module 1 – CAD

NEXTEC offers different alternatives for CAD processing. In addition to the starter version, CabinetSelect, a professional version, CabinetControl Pro, is also available.

Central advantages:

CabinetSelect

- Selection of pre-designed cabinets
- Variation in dimensions, quantities, materials and fittings
- Compatible with CabinetControl Pro

CabinetControl Pro

- Design cabinets with freely configured bodies
- Free definition of materials and fittings

The three Smart Factory process modules for your workshop of the future.

2

Process Module 2 – Automatic Part Generation

The next automatic part generation step provides the prerequisites for production.

CNC programs are created fully automatically in the background and integrated into the parts list, while BetterNest completes the optimized cutting plans.



3

Process Module 3 – Production

In the third production step, the previously defined jobs are organized and started. Sorting is accomplished according to material and order. So you never lose sight of the planned processing times. Central feature: The machine operator has the final say regarding the production sequence!





Only with HOLZ-HER

10-year warranty
on all linear guides!



NEXTEC – The revolution for your carpentry shop

The new NEXTEC CNC series from HOLZ-HER revolutionizes the way joineries work and makes them fit for the challenges of the future.

This machine provides the only complete solution for state-of-the-art furniture presentation, efficient production and profitable sale. The NEXTEC makes furniture production more efficient and simpler.

NEXTEC machining centers have an extremely stable, gantry-type machine design. Precision components for the drive and control technology guarantee maximum dynamics and perfect work pieces.

The NEXTEC is also available with automation components for even higher production performance.



Machine	NEXTEC 7705 10.5 / 12.5 classic	NEXTEC 7705 10.5 / 12.5 push	NEXTEC 7707 10.7 / 15.7 classic	NEXTEC 7707 10.7 / 15.7 push
Machining dimensions in X direction in Y direction	3100/3700 mm 1580 mm	3100/3700 mm 1580 mm	3100/4600 mm 2200 mm	3100/4600 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	12 kW, air cooled, 1000 – 24,000 rpm	12 kW, air cooled, 1000 – 24,000 rpm	12 kW, air cooled, 1000 – 24,000 rpm
	10 kW, liquid cooled, 1000 – 24,000 rpm	10 kW, liquid cooled, 1000 – 24,000 rpm	10 kW, liquid 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), incl. sawing unit in X-direction	Drilling head L 14 spindles (10 V 4 H), incl. sawing unit in X-direction	Drilling head L 14 spindles (10 V 4 H), incl. sawing unit in X-direction	Drilling head L 14 spindles (10 V 4 H), incl. sawing unit in X-direction
	Drilling head XL 24 spindles (18 V 6 H), incl. sawing unit in X-direction	Drilling head XL 24 spindles (18 V 6 H), incl. sawing unit in X-direction	Drilling head XL 24 spindles (18 V 6 H), incl. sawing unit in X-direction	Drilling head XL 24 spindles (18 V 6 H), incl. sawing unit in X-direction
	Double drilling spindle in Y-direction	Double drilling spindle in Y direction	Double drilling spindle in Y direction	Double drilling spindle in Y direction
	Vertical drilling spindle with double positioning force	Vertical drilling spindle with double positioning force	Vertical drilling spindle with double positioning force	Vertical drilling spindle with double positioning force
Drilling head XL	Double drilling spindle in Y direction	Double drilling spindle in Y direction	Double drilling spindle in Y direction	Double drilling spindle in Y direction
	Vertical drilling spindle with double positioning force	Vertical drilling spindle with double positioning force	Vertical drilling spindle with double positioning force	Vertical drilling spindle with double positioning force
Automation	x	Automatic discharge pusher with integrated vacuum	x	Automatic discharge pusher with integrated vacuum
	x	Discharge table fixed	x	Discharge table fixed
	x	Discharge table with conveyor	x	Discharge table with conveyor
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	8-field vacuum, software controlled	16-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 low maintenance, dry-running type vacuum pump	2 x 140 m³/h low maintenance, dry-running type vacuum pump	2 x 140 m³/h low maintenance, dry-running type vacuum pump	2 x 140 m³/h low maintenance, dry-running type vacuum pump
	Additional vacuum pump	Additional vacuum pump	Additional vacuum pump	Additional vacuum pump
	140 m³/h dry-running version 250 m³/h dry-running version	140 m³/h dry-running version 250 m³/h dry-running version	140 m³/h dry-running version 250 m³/h dry-running version	140 m³/h dry-running version 250 m³/h dry-running version
Tool changer	10-position pick-up tool changer integrated into the machine frame	10-position pick-up tool changer integrated into the machine frame	10-position pick-up tool changer integrated into the machine frame	10-position pick-up tool changer integrated into the machine frame
	Can be upgraded to up to 12 tool change positions	Can be upgraded to up to 12 tool change positions	Can be upgraded to up to 12 tool change positions	Can be upgraded to up to 12 tool change positions
	1-position X/Y Pick-up tool changer with tool cover	1-position X/Y Pick-up tool changer with tool cover	1-position X/Y Pick-up tool changer with tool cover	1-position X/Y Pick-up tool changer with tool cover
NEXTEC Module	CabinetSelect	CabinetSelect	CabinetSelect	CabinetSelect
DirectCut	Line laser X/Y-direction, incl. software	Line laser X/Y-direction, incl. software	Line laser X/Y-direction, incl. software	Line laser X/Y-direction, incl. software
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
	BetterNest rectangular nesting	BetterNest rectangular nesting	BetterNest rectangular nesting	BetterNest rectangular nesting
	BetterNest free-form nesting	BetterNest free-form nesting	BetterNest free-form nesting	BetterNest free-form nesting
	CAMPUS software office license	CAMPUS software office license	CAMPUS software office license	CAMPUS software office license

Standard

Option

x

Not possible



**Perfectly equipped,
complete package ...**

... for unlimited use in your
business.



Make your business future-proof – with HOLZ-HER!



You can find more information
about NEXTEC at www.holzher.com/nextec

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.
UK – HOLZ-HER 3616 45 – Printed in Germany/Imprimé en Allemagne | Printed on: 17.05.2017 – First edition: 17.05.2017
Picture credits: © Shutterstock: Roman Samborskyj

Your authorized HOLZ-HER dealer



HOLZ-HER GmbH
Plochinger Straße 65
72622 Nürtingen
Germany
T +49 (0) 70 22 702-0
kontakt@holzher.com
www.holzher.com

HOLZ-HER

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