

The logo for Nexus Technica features the word "Nexus" in a bold, blue, sans-serif font. A red chevron shape is integrated into the letter 'x'. Below "Nexus" is the word "TECHNICA" in a smaller, blue, all-caps, sans-serif font. A registered trademark symbol (®) is located at the top right of the word "Nexus".

Nexus[®]
TECHNICA

nexustechnica.com

NEVA X5A

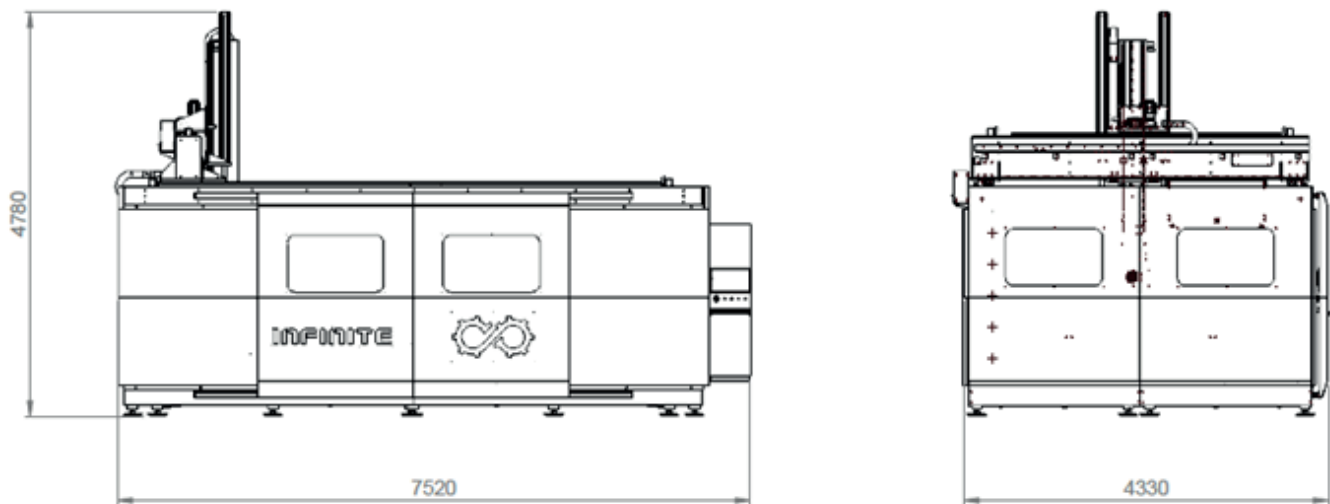
5 AXIS CNC MACHINING CENTER



NEVA 5XA is a 5-axis CNC machining center capable of high processing capacity and high precision milling and cutting of various types of plastics and wood logs and panels used in the market, and can be used bidirectionally

NEVA X5A

5 AXIS CNC MACHINING CENTER



5-Axis CNC Machining Center with 90 degrees of freedom, 4000x2000x1300 dimensions
Machine dimensions can be customized according to requirements.

X-axis speed of 80 m/min,
Y-axis speed of 80 m/min,
Z-axis speed of 80 m/min,
C-axis rotation speed of 5 sec/360°,
A-axis rotation speed of 4 sec/360°,
Automatic tool measurement.



The workpiece is secured by means of holes on the table surface
and then placed for machining.

It allows the operation by sending the desired file from the CAM
program.



DESIGN

Mechanical structure capable of processing wood and plastic materials at high speed and high quality.

Welded body with stress relief applied to ensure continuous high-speed precision.

Design allowing for rapid movements.

Capability to perform milling, drilling, cutting, etc.

Processing capacity of 4000x2000x1300.

Easy-to-clean chip container.

SPINDLE

Torque-enhanced servo control for positioning with 0.01° accuracy.

Liquid-cooled 11 kW 24,000 RPM spindle.

HSK tool holder and tool holder cleaning system.

Tool change safety protocols designed to minimize operator errors.



CONTROL PANEL

Ergonomic 21" screen.

User-friendly INFINITE interface with Windows-based, easily adjustable parametric structure.

Compatibility with NCX extension software.

High-performance 5-axis Simultaneous FAGOR CNC control unit.

Optical communication and 0.001 mm command increment.

Data transfer via USB and Ethernet.

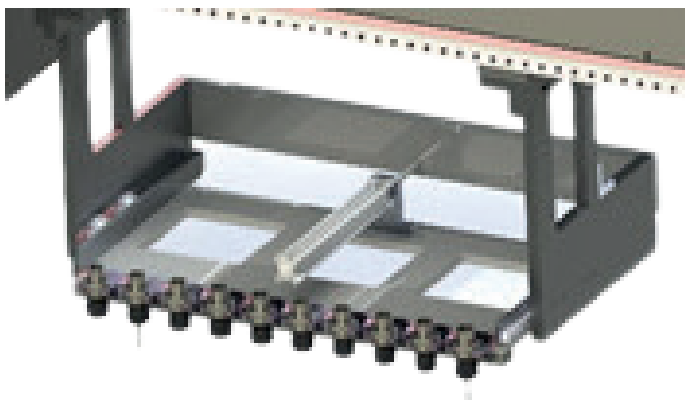
Operation with G-Code.

SAW MAGAZINE

Equipped with a magazine for saws.

Designed for easy saw replacement.

Can accommodate saws up to a maximum of Ø400mm



MAGAZINE SYSTEM

Magazine capacity of 10 tools, expandable upon request.

Saves time by changing tools during transitions between operations on the workpiece.

TECHNICAL SUPPORT

Periodic maintenance reminder function.

Remote connection for service support.



SAFETY

Ability to continue operations from the last position in case of power outage with UPS system.

Automatic recovery function that sends the spindle to a safe zone.

Working safety ensured by protective fences and safety barriers.

Safety labels.



Contact Us

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