

## TRAINING AND SUPPORT -VITAL TO YOUR SUCCESS



To comfortably and profitably use your system, you must understand how to program, operate and maintain it. Each Thermwood CNC router system and each major software package includes formal, structured training classes including professional support material and a lot of hands-on experience. Our goal is to make you totally comfortable and confident.

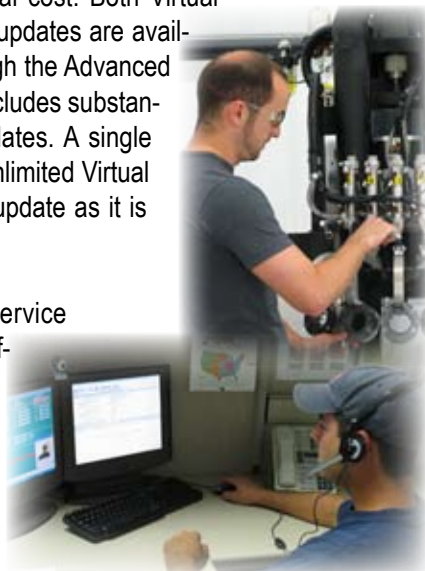
Our systems come complete with detailed manuals, including an electronic version of the operator's manual on the control that you can access, even while the machine is operating.

In addition to Thermwood's professional phone support and on-site service, each CNC router also includes your first year of Virtual Service at no additional cost. You can connect your control to Thermwood's technical service center with the push of a button, establishing an audio, video and data link. You see and talk to the service technician, right on the control screen, and he sees and talks to you, but he also sees deep into your system to provide help

with everything from tooling and programming questions to machine configuration and performance. In fact, virtually everything a service technician can do in your shop can also be done via Virtual Service. Virtual Service makes getting help easy, fast and highly effective.

With your new system, you also receive the next control system software update at no additional cost. Both Virtual Service and continuing system updates are available on an ongoing basis through the Advanced Support Program, which also includes substantial discounts on hardware updates. A single low annual payment gets you unlimited Virtual Service help and each control update as it is released.

Thermwood training, Virtual Service and continuing control updates offer you support like no one else and assures continuing profits from your Thermwood investment, years into the future.



## THERMWOOD...FIRST IN CNC ROUTERS

Thermwood develops, manufactures and distributes technology based products and software for the manufacturing sector. We primarily target the woodworking, aerospace, molding, plastics and composites industries but also supply products and services to a variety of other industries from boating and entertainment to medical. Thermwood customers are some of the largest, most sophisticated companies in manufacturing.

Our main facility consists of 175,000 square feet which includes both an office/showroom and an engineering and manufacturing plant. The modern manufacturing facility houses various industrial processes from steel cutting, bending, forming and welding to electronic board assembly and CNC control manufacturing.

Thermwood has developed sophisticated cabinet and furniture design software and provided it to over 25,000

woodworking and cabinet shops through the largest cabinet industry cooperative in the world, a program we founded and continue to manage. Thermwood also maintains a web store selling thousands of router supplies, tooling and CNC maintenance products.

Thermwood strives in technology, software, support and customer service to best fit the needs of our customers. Thermwood...first in CNC routers.



**THERMWOOD**  
*First in CNC Routers*

[www.thermwood.com](http://www.thermwood.com)  
800-533-6901, P.O. Box 436, Dale, IN 47523

# SIGNROUTER SERIES



SignRouter 43

**THERMWOOD**  
*First in CNC Routers*

[www.hoechsmann.com](http://www.hoechsmann.com)

# SIGNROUTER 43

New

CNC Router Package for the Professional Sign Shop

## The SignRouter 43 machine features:

- 61 by 121 inch fixed table to accommodate laminated panels
- 10 HP HSD spindle and an eleven position bar style automatic tool changer
- Feed speeds, both positioning and cutting, up to 2,500 inches per minute.

This new system includes quality features seldom, if ever, found at this price point including full stress relieved weldments, high-end Siemens drives throughout, THK rails and three-dimensional volumetric position compensation, not available from anyone else in this market.



SignRouter 43  
61" x 121" table

## THERMWOOD CNC CONTROL

### GEN 2 SUPERCONTROL

The system also includes Thermwood's Gen2 SuperControl which sharply distinguishes it from every other machine in this class offering features such as:

**Job level Interface** means you communicate with every major cabinet design software package using a single job file instead of dozens or hundreds of individual programs, again the simplest approach possible and not available from others. The CabinetShop 43 functions at the job level with 20-20 Technologies, Cabinetvision, Cabinetware, KCD Software, Microvellum and eCabinet Systems.

**DXF import** means you can load, nest and run DXF files from virtually any CAD software, in fact you can combine them with job level files from any software or combination of software and run them as a single job making it the ultimate in compatibility.

#### Standard G & M code

The Gen2 SuperControl also has an impressive list of operating features all with one purpose, make the machine as foolproof as possible to reduce errors and minimize the time you fiddle with the machine so it runs more with less effort.

- **Automatic Tool Management** helps you manage tooling

and tracks tool life

- **Maintenance Tracking** tracks machine use and guides you through routine maintenance
- **Graphic Error Reporting** shows you exactly where a problem is at and suggests solutions
- **Complete User Manual** in the control
- **Dynamic CAD drawings** of the entire machine on the control screen
- **Maintenance Videos** on the control guide you through mechanical adjustments
- **Virtual Service** provides direct link from your control to Thermwood service

Never, ever has this level of technical sophistication, quality and performance been available at this price. The CabinetShop 43 is ushering in a new era of productivity, ease of use and profit for custom cabinet operations.

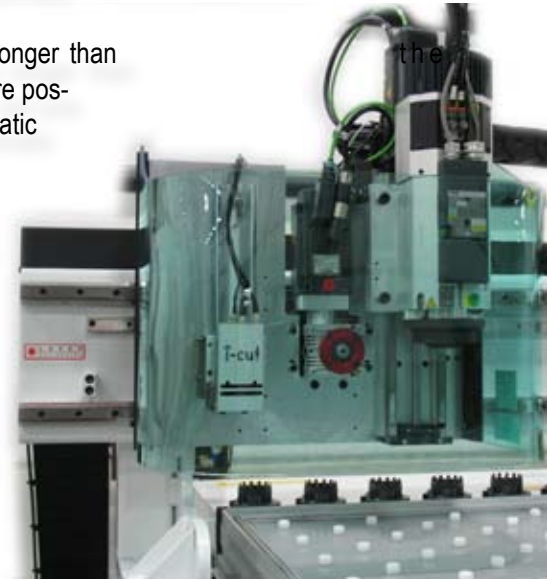


THERMWOOD AND



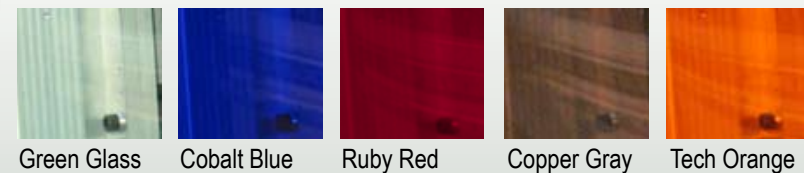
- **User Friendly:** an intuitive user interface multi language support for eleven languages, unit measurement in English or metric, simple installation Setup Wizard.
- **Register Mark Insertion:** insert marks directly in the design application, or use the ai-cut Adobe Illustrator toolbar.
- **Edge Recognition:** register cut paths to the edges of the material when register marks are not used.
- **Distortion Correction:** allows users to select one of five different of registration correct methods dictating how i-cut will correct the cut paths based on the information it collects from reading the register marks.
- **Layer Control:** i-cut separates data into layers and recognizes layer names in the import files.
- **Curve Control:** curve editing includes functions such as invert direction, remove, mirror, rotate and move curves.

- **Routing Control:** i-cut excels in routing functions.
- **Tool Path Preview:** for determining how the router bit will cut inside or outside corners.
- **Long Jobs:** jobs longer than physical cutting table are possible though an automatic job splicing feature.
- **Camera:** a high quality CCD camera, reads accurately regardless of the ambient lighting, print quality or number of register marks to be read.

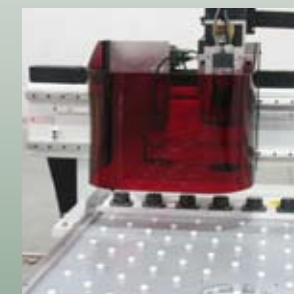


## CUSTOMIZE YOUR THERMWOOD

The CabinetShop 43 is available with any of five accent colors on the transparent tooling shield and control side panel. A sheet metal control side panel (in painted machine color) is also available in place of the accent colored control side panel



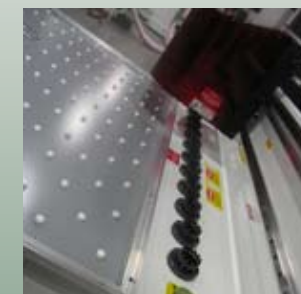
## TOOLING AND MACHINE FEATURES



10 HP HSD Spindle



61" x 121" Table



11 Position Bar Style ATC



Pop up Pins