

# CNC Sign Machining

CNC Routers • iCut



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

# THERMWOOD

## *First in CNC Routers*

CNC routing is opening new, exciting and potentially very profitable opportunities in the sign making industry, but heavy duty CNC sign routing is a specialty, not just something you add to traditional light-duty sign trimming machines.

With this in mind, Thermwood has introduced a revolutionary new CNC router system, called the SR43, for the sign and P.O.P. industries. This new, high performance CNC router is built in the USA, at Thermwood's Southern Indiana factory. The SR43 utilizes a whole new highly-efficient manufacturing approach, which results in a superior structure coupled with enhanced use of materials.

The new machine features a 61 by 121 inch fixed table, a 10 HP HSD spindle and an eleven position automatic tool changer. It offers both high acceleration and high performance motions in both positioning and cutting. This new system includes quality features seldom, if ever, found at this price point including fully stress-relieved weldments, high-end Siemens drives throughout, THK rails and three-dimensional volumetric position compensation.

The SR43 is capable of machining flat and three-dimensional signs using wood, composites, chip core, rigid foam, plastics, non-ferrous metals and other various types of materials. The SR43 can also operate as a traditional sign-making machine using the optional i-cut Vision camera and software system (these highly capable systems accurately trim printed signs, automatically compensating for distortion or rotation in the printed image). The machine can also be used for nested based applications such as point of purchase displays, store fixtures, exhibits and cabinetry.

The SR43 is a robust, highly flexible production system capable of operating 24 hours a day, seven days a week. It includes Thermwood's Gen2 SuperControl, which offers features, support and advanced capabilities not available anywhere else.

The SR43 also communicates with the majority of the major design software packages at the "Job Level". This means the software sends the control a description of what to make and the machine control does everything else...automatically. There are a lot of advantages to this approach, but the bottom line is that it is a lot easier and much more productive. The machine can also execute programs developed elsewhere, like other CNC controls.

Thermwood's SR43 is a true production quality machine, yet is among the lowest cost machines in the market. More capabilities, better performance and lower price...the American way. And, unlike other low cost machines, this one is actually made in America.

Thermwood offers total solutions including the machines, support equipment, training, software and ongoing assistance.

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