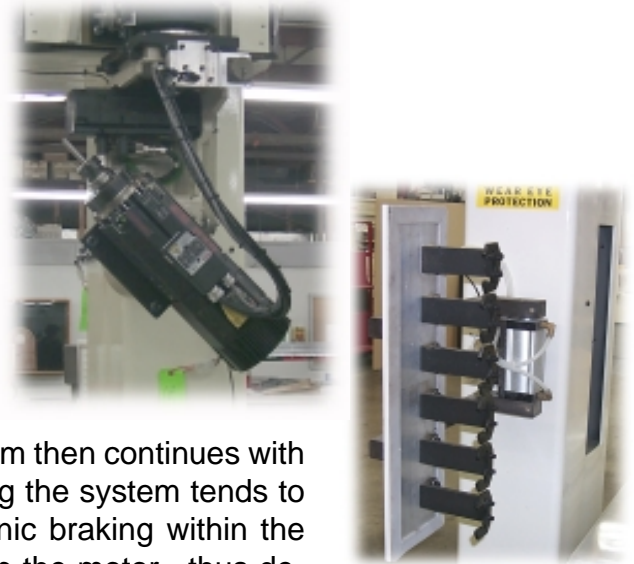


5 Axis Automatic Tool Changer

The 5 Axis Automatic Tool Changer is available on the Models 67 and 70.

The 5 Axis Automatic Tool Changer offers an inexpensive option for the user who requires the use of many tools within a program. This option consists of tool rack which holds the #30 tapered tool holders. The tool rack is mounted on the inside of a movable door on the gantry leg. When a tool change is required the door opens, the head moves back and places the tool into an empty tool bar, it then moves over and picks up the appropriate tool and the door closes. The program then continues with the new tool. By keeping the tool holders within the leg the system tends to keep the tapers clean. The option includes electronic braking within the frequency converter to reduce the time required to stop the motor, thus decreasing tool change time.



The 5 Axis Automatic Tool Changer is equipped with six tool bars mounted to a door in the left leg of the gantry. The router is a 10.5 HP, 24,000 RPM unit with a ISO 30 taper power drawbar. The router can accept bits with shanks up to 3/4" in diameter. The bits can extend up to 3 1/4" or have a maximum diameter of up to 2 1/2". This option comes with six ISO 30 taper tool holders, six collets, and a preset tool holder fixture for changing cutter bits away from the machine. Additional tool holders and collets may be purchased from Thermwood. The tool bar swings in an arc from the gantry leg and passes over the left rear corner of the table. This prevents this corner from being occupied by a fixture or part. The 10.5 HP router is longer than the standard routers and therefore has a longer pivot distance. This reduces the coverage when in the horizontal position. Consult Thermwood for coverage drawings. This option requires an additional 18 CFM @ 90 PSI of air.

CNC Router
Retrofits

800•221•3865
Ext. 251

thermwood
First in CNC Routers

PO Box 436, Dale, IN 47523
812•937•4476, Fax 812•489•1144
www.thermwood.com