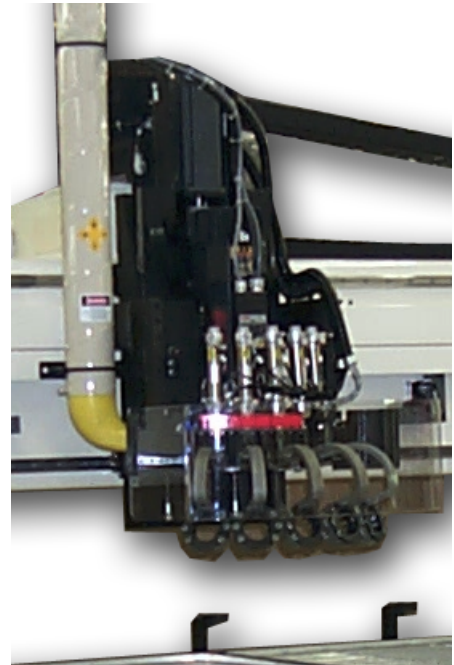


Typewriter Style Automatic Tool Changer

The Typewriter Style Automatic Tool Changer is available on the Models 40, 42, and the 53. It is available for the primary head as well as an optional secondary head.

The Typewriter Style Automatic Tool Changer offers a solution for the user who requires the use of many tools within a program. The advantages over the bar style Tool Change System are that it is quicker, as it moves with the head and that it allows two heads each with its own Tool Change System. This option consists of tool holder arms which mount in an arc around the front of the spindle (like the old mechanical typewriters) that hold the tapered tool holders. When the program calls for a tool change, the machine rotates an arm into position and places the tool into the empty tool holder and retracts, it then rotates a different arm into position with the appropriate tool, inserts the tool, retracts and continues the program. The option includes an electronic brake to reduce the time required to stop the motor, thus decreasing tool change time.



The Typewriter Style Automatic Tool Changer is equipped with five tool holder arms which are mounted in an arc in front of the spindle. The cutting tools used with this option are limited to 2" maximum diameter and 3" maximum length. This option comes with five tapered tool holders and five 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.

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