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## Thermwood CS45-510 5 x 10 CNC Router

**Machine:** CNC Router  
**Brand:** Thermwood  
**Model Number:** CS45-510  
**Year of Manufacture:** 2006

- Moving Gantry/Fixed Table - 60" width x 120" length
- Spindle - One (1) 10 HP 3,000 to 24,000 RPM unit using ISO 30 tooling, programmable variable speed router spindle
- (4) Position bar style tool changer with (4) ISO-30 tool holders and collets, In addition "At the Head" automatic tool changer with (5) tool holder arms mounted in an arc in front of the spindle and (5) ISO-30 tool holders and collets; maximum tool size - 2" diameter and 3" length for both
- Drive System - High performance closed loop AC servos and ball screw drives on all axes, the ways on all axes are precision ground, hardened ways with precision bearings
- Automatic Lubrication System – Automatically provides continuous lubrication to the rail bearings and the ball followers on the screws. Air requirements, 30 PSI, 5 CFM
- Rapid traverse - up to 1200 inches per minute
- Automatic tool length measurement
- Programmable pop-up pins for part location; part locator (for use in flipping parts into a predetermined location for secondary machining operations)
- Vacuum - 40 HP Travini vacuum pump
- Bar Code Reader System – Hand held reader allows user to read an existing bar code and automatically loads the correct corresponding part program to be executed
- Portable Hand Held Programming Unit
- Control mounted sheet and label printers for part identification
- Control System - The Thermwood "SuperControl" (it is a Pentium P4 3.0 Ghz processor, full multitasking) is feature rich, high performance CNC control system configured to

- perform 3 axis simultaneous motions, control uses a "Windows XP Pro operating system with a 15" full color monitor, 83 key QWERTY keyboard
- Includes control nesting software, control DXF software, runs DXF output from major CAD and cabinet design systems without the additional interface or software

FOB Southeast

Machine specifications are based on original manufacturer's information and are subject to verification. Equipment is subject to prior sale without notice. Prices quoted do not include any sales or use tax. Carting of used machinery is not included.