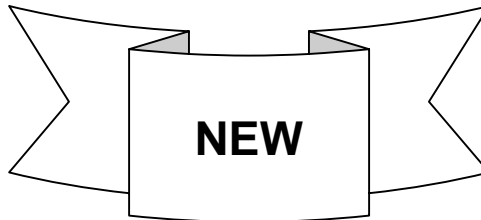


# MACHINEMATE

## eCNC



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The **MACHINEMATE eCNC** offers several enhancements to the NT-based **MACHINEMATE** models while maintaining software compatibility with the current line of controls. The MM1 through MM7 models are still available and supported. eCNC enhancements include the following:

- Complete Industrial PC Based CNC Package
- Runs on Microsoft Windows 2000 with the **MACHINEMATE** Real Time Kernel
- Browser Based Operator Interface
  - Html frames and Java applets allows for customization. Designers with web screen/page experience can develop CNC MMI screens.
- Built-in Modem and Web Browser Software
  - Enables remote access to the control without an Internet provider.
  - Allows access capabilities for monitoring, reporting, downloading, uploading, or troubleshooting the machine tool.
  - PC architecture enables easy integration to the Internet by using the included modem or adding a standard network card.
- New Slim Line Design
  - Slim line vertical operators panel consists of two subpanels (display & keyboard) that can be mounted up to 33 feet away from the included Industrial Computer CNC.
- Industrial PC
  - The stainless steel CE Industrial Computer CNC enclosure assures long lasting, trouble free operation.
  - Can be remotely mounted
  - Measures 17.3 in. x 6.3 in. x 11.0 in.
- Operator Keyboard
  - Provided on the front panel faceplate with all the typical alpha-numeric keys.
- USB Port
  - Provides access to standard PC USB devices supported by Windows 2000, i.e. another hard disk, floppy disk drive, CD drive – R or RW, etc.
- Operator Panel Configurations
  - Vertical - The standard operator's panel is shown above and consists of two subpanels. Each subpanel measures 11.4 in. x 8.7 in. The upper panel has the 10.1 inch TFT color display and membrane IP65 keyboard. The lower panel shows four of eight optional pushbuttons and two optional feedrate switches. The thin operator panels are less than 2 inches deep. The narrower form factor is physically compatible with a number of other CNCs on the market.
  - Horizontal - Shown at the right with a 12.1 inch TFT color display and IP65 membrane keyboard and has the same 19 inch width and 12.25 inch height as the current **MACHINEMATE** models. Up to eight optional pushbuttons and 2 feedrate switches can be added. This panel is approximately 2 inches deep. An optional touch screen feature is available.



Vertical



Horizontal

# Open PC Based MM eCNC - Using International Standards

