

## Warner & Swasey Retrofit Kits !

Willenborg Associates is pleased to announce the introduction of a retrofit kit for Warner & Swasey Lathes, using the MachineMate CNC Control. This is a complete system that can be moved into place and connected inside of two 8-hour shifts. It has been designed to be “plug and play” with Warner & Swasey 1SC, 2SC and 3SC model lathes. The pictures below are from the kit for a 2SC lathe.



There is very little work required to install the CNC control kit. Simply disconnect the wires from your existing control, slide the old control box out of the way and slide ours in. Reconnect the wires on the clearly marked terminal strips, and install one pre-wired and mounted encoder in place of the turret feedback unit. That's it!

Included with each kit is a video showing the step-by-step procedures (aptly titled CNC for Dummies).

In 3 days, you are up and running. Guaranteed.  
For under \$19,500.00.



Willenborg Associates also offers nationwide turnkey retrofits on all types of metalworking machines as well as complete machine tool remanufacturing and rebuilding.

MachineMate Inc supplies a family of premier PC-based CNC products. The MachineMate<sup>®</sup> CNC family is the recognized leader in PC-based CNC technology. The use of Windows NT, a standard Pentium motherboard, standard PC components, an IEC-1131-3 conformant integrated soft PLC, support for either analog or SERCOS drives and the capability of Ethernet and standard field bus systems give this system the utmost flexibility and openness available today.



The CNC package is shown above. It includes the industrial PC in a stainless steel shell, mounted on an IP65 front panel with a 10.4" or 12.1" TFT color display, operator keypad and floppy disk drive. It also comes with an IO box and the IO cable, with enough IO points for many applications and more IO modules are available. The control has the CNC software already loaded so no other software is required. The CNC runs standard RS-274 part programs. The package includes everything required for an automated control solution.

For more information contact:

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