

**NEW from
SHERLINE...**

SPECIAL INTRODUCTORY OFFER

Complete CNC mill system for just \$2350.00!

At last. Everything from one trusted source



Installed on Sherline Model 5400 deluxe mill.

All three stepper motors come prewired to plug right into the driver box.



Simple, straightforward EMC visual interface is customized to the capabilities of Sherline machines.

For years we have made our machines available in CNC-ready configuration for the application of controls made by others. However, many of you have said you want to be able to buy a complete, turn-key system from one reliable supplier. Now Sherline is finally introducing that system, and at a great price. An initial run of 20 systems will be offered at the above price. This program will be used to evaluate pricing. After that, price will be determined in part by our cost for computers. Each system will include:

- Sherline 5400 deluxe milling machine with three stepper motors mounted on X-, Y- and Z-axes. Motors prewired with plugs.
- New computer which includes a driver box for all four axes, keyboard, mouse and cables. Linux operating system and EMC* 4-axis CNC program are preinstalled. Just plug in the X, Y and Z motor cables and turn it on. (Monitor not included.)
- To add a 4th axis, just plug another stepper motor into the 4th driver already provided. For example, Sherline offers a 3700-CNC rotary table and stepper motor for \$370.00.

FEATURES:

- Utilizes standard G and M codes that you write yourself or generate from any other program that outputs G-code
- Tool offsets and backlash compensation are built into the program.
- Detailed instructions by Joe Martin—the most practical and informative in the field. Sample programs from simple to advanced are explained.
- Price includes one hour of expert technical help by phone or E-mail.
- Priced for the hobbyist but suitable for running production work
- One year warranty



Sherline's stepper motor mounts include two preloaded bearings to eliminate end play and a damped steel coupling to protect the motor. Stepper motors are powerful 130+ oz-in, NEMA 23 frame size units.

***About the EMC software included with the system**

According to the official definition, "The Enhanced Machine Controller (EMC) program is a NIST effort to develop, standardize and validate a specification for interfaces to open architecture controllers." In simpler terms, EMC is a free and open source CNC controller program. See their web site at www.linuxcnc.org for more details. Because this sophisticated program is available at no charge, we are able to pass the saving on to you and eliminate the largest single cost in most CNC systems...the software.



Screens shown at left:
Top: Co-ordinate systems offset
Middle: Back plotter and auto mode
Bottom: Tool offsets



Availability expected by early summer, 2003. See Sherline web site for the latest information.

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