

EMC2 Configuration Selector

Welcome to EMC2.

Select a machine configuration from the list on the left.
Details about the selected configuration will appear in the display on the right.
Click 'OK' to run the selected configuration



- halui_halvcp
- hexapod-sim
- hm2-servo
- lathe-pluto
- m5i20
- max
- motenc
- nist-lathe
- plasma-lathe-sim
- plasma-thc
- ppmc
- puma
- scara
- sim
- stepper-gantry
- stepper-xyza
- stepper
- stg
- tormach
- univpwm
- univstep
- vti

This is the config for the stepper-driven Sherline lathe which is generously on loan from NIST. It has spindle speed control by analog input, which is driven by software-generated PWM on a parallel port pin. The motors are driven with step/dir and the spindle encoder (for synchronized motion/threading) is counted by software on the parallel port too. This all makes for a fully functional lathe using simple hardware. The power is all in HAL; the hardware is just a single parallel port interface and simple stepper drivers.

Create Desktop Shortcut

OK

Cancel