

### 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



- dallur-thc
- demo\_mazak
- demo\_sim\_cl
- demo\_step\_cl
- etch-servo
- halui\_halvcp
- hexapod-sim
- hm2-servo
- lathe-pluto
- m5i20
- max
- motenc
- nist-lathe
- plasma-thc-sim
- plasma-thc
- ppmc
- puma
- scara
- sim
- stepper-gantry
- stepper-xyza
- stepper

This configuration is for a hobby sized (Sherline) servo-operated lathe based on the Pluto servo driver. The hardware is a Pluto FPGA board (\$60) which counts the encoders and generates up/down PWM at high frequency in order to drive H bridges for the lathe's servos. On this prototype machine both servos are driven with one L298 dual H bridge (which is usually used to drive one stepper.) This is an example of (very) inexpensive servo use on a hobby machine and it gives very good performance.

Create Desktop Shortcut

OK

Cancel