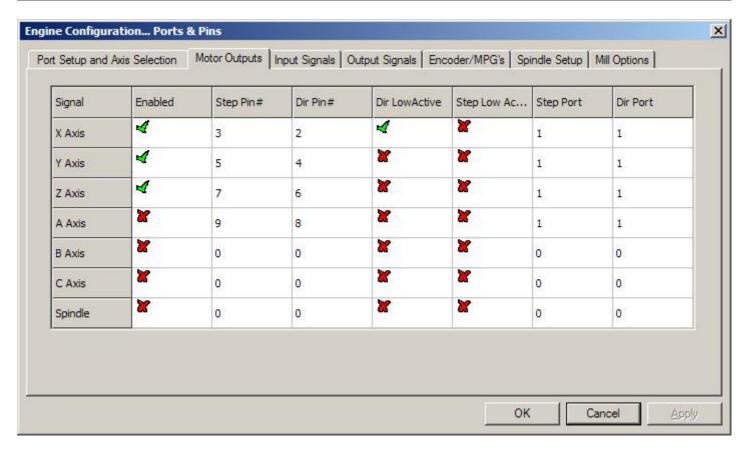
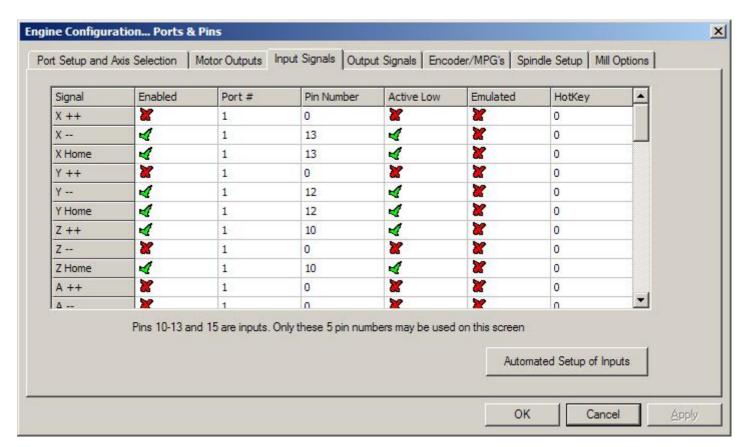
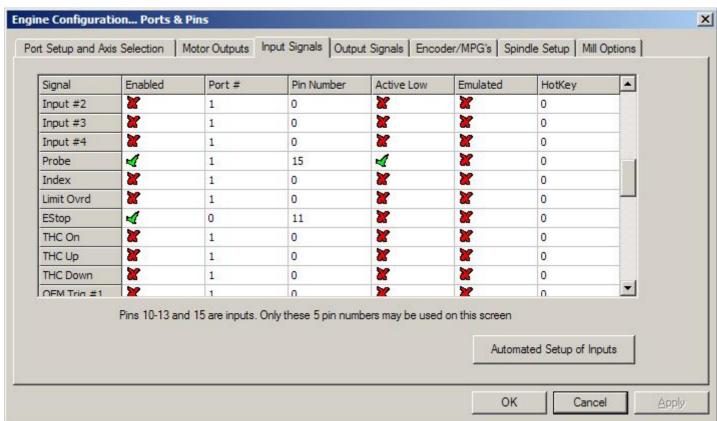
Marc3 Configuration for High-Z S400

Mach3 menu: Config -> Ports & Pins

ort #1 ✓ Port Enabled 0x378 Port Address Entry in Hex 0-9 A-F only	Port #2 Port Enabled 0x278 Port Address Entry in Hex 0-9 A-F only	OR	Max CL Mode enabled Max NC-10 Wave Drive Program restart necessary
Gemel Speed 25000Hz C 35000Hz C 65000Hz C Note: Software must be restart kemel speed is c	ed and motors retuned if		Restart if changed Sherline 1/2 Pulse mode. ModBus InputOutput Support ModBus PlugIn Supported. TCP Modbus support Event Driven Serial Control Servo Serial Link Feedback
Note: Software must be restart	ed and motors retuned if		Event Driven Serial Control

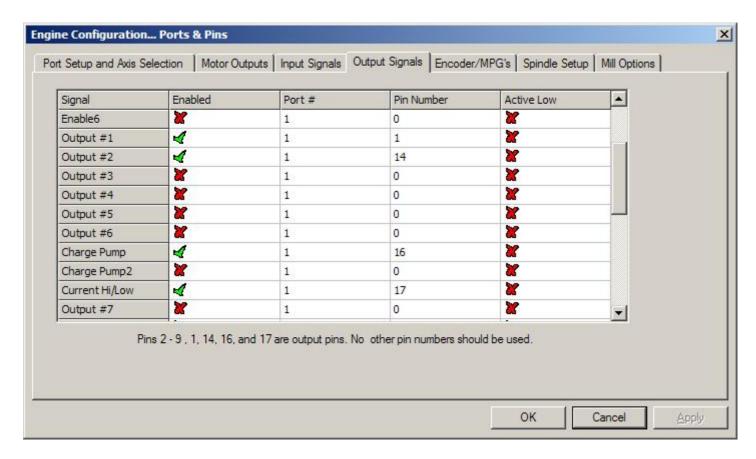






Only shown inputs is set, all others is off.

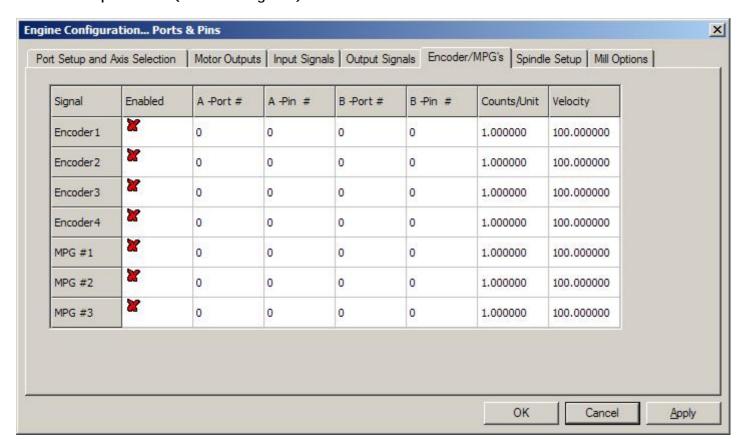
There is an EStop input on pin 11 but it is unstable and triggers unwanted random EStops.



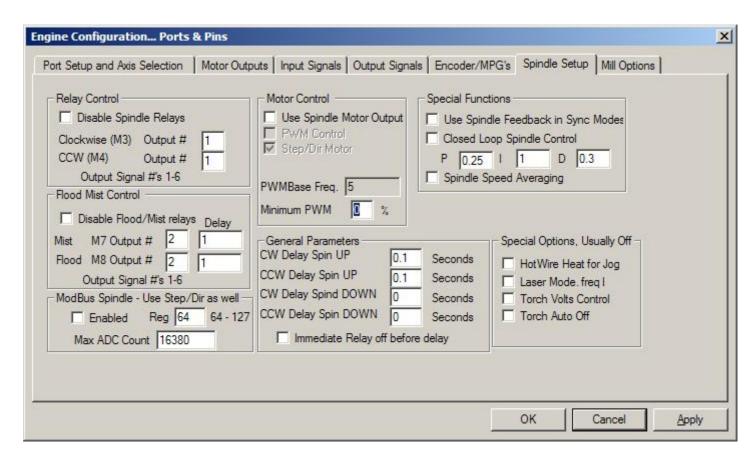
Output #1 is used for spindle relay and output #2 is for mist/flood relay control. They uses the same relay. Chargepump on output #16 is wired on the controller diagram but I don't think it is working.

Output #17 id used for controlling "power save" on controller and reduces the noise when the motors is not running.

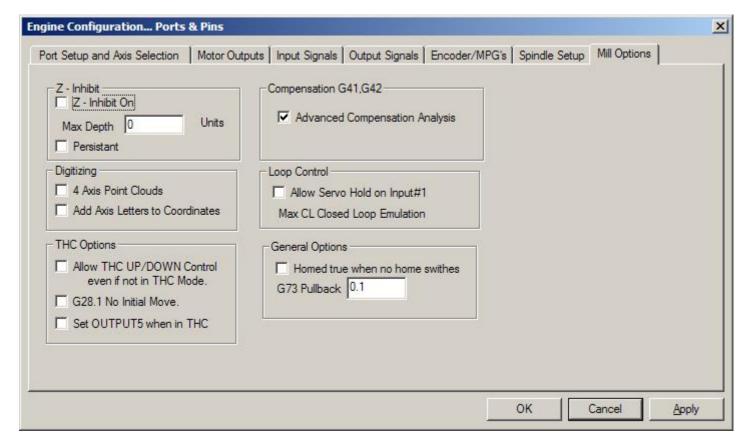
All other outputs is off (or not configured).



Encoder/MPG's is not used in my configuration.

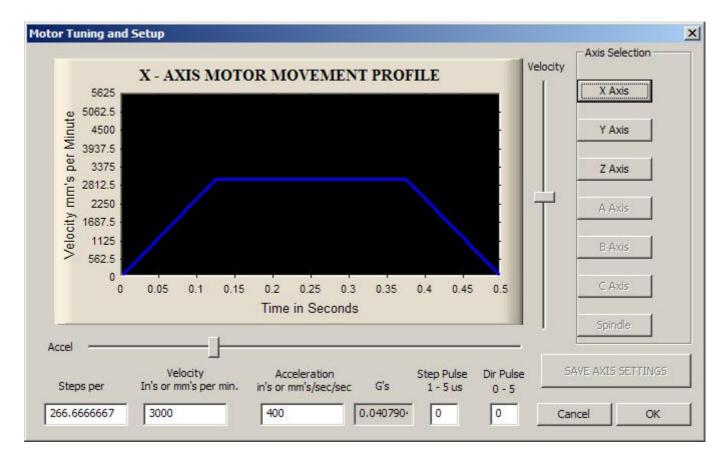


Here spindle (output #1) and mist/flod (output #2) is setup. Values for spin up/down may need adjustment.



All set to default settings.

Mach3 menu: Config -> Motor Tuning



All axes have same configuration.

Note max velocity for S-720/S-1000 is lower and higher for T models.

Mach3 menu: Config -> Homing/Limits

- Natio	of Personal Control		Entries	are in setup u	inits.	The state of	Total Control	and the same of the same of
Axis	Reversed	Soft Max	Soft Min	Slow Zone	Home Off.	Home Neg	Auto Zero	Speed %
X	×	400.00	0.00	3.00	0.0000	4	4	20
Υ	×	288.00	0.00	3.00	0.0000	4	4	20
Z	×	0.00	-110.00	3.00	0.0000	×	4	10
A	N.	100.00	-100.00	1.00	0.0000	×	4	20
В	×	100.00	-100.00	1.00	0.0000	×	4	20
С	×	100.00	-100.00	1.00	0.0000	X	4	20