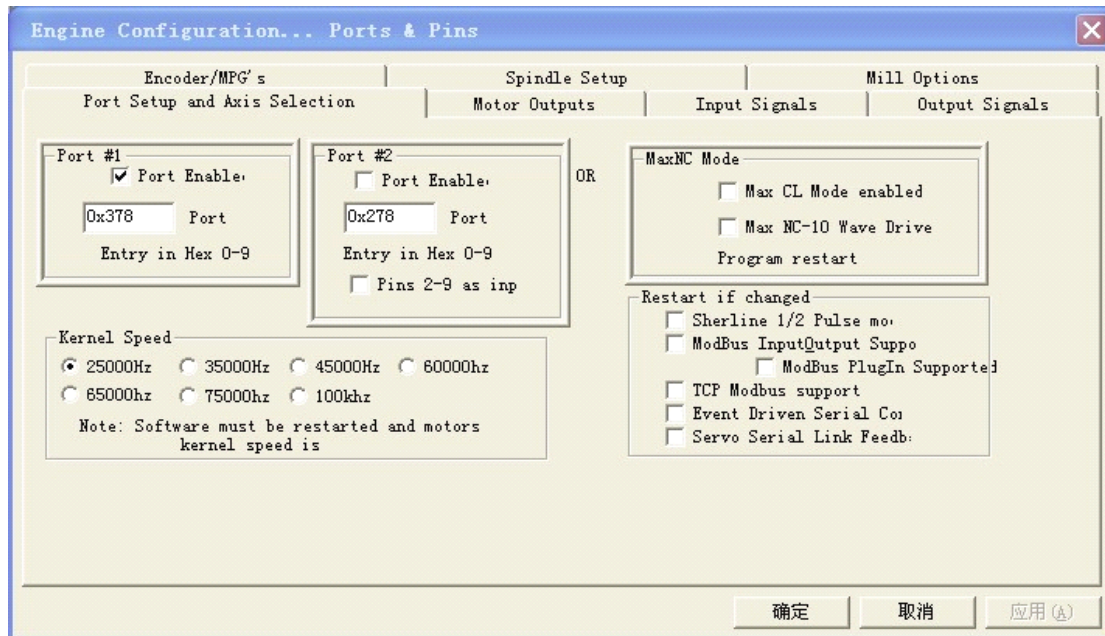


The above is for speed details' setting



**Engine Configuration... Ports & Pins**

Encoder/MPG's | Spindle Setup | Mill Options

Port Setup and Axis Selection | Motor Outputs | Input Signals | Output Signals

Port #1  
 Port Enable.  
0x378 Port  
Entry in Hex 0-9

Port #2  
 Port Enable.  
0x278 Port  
Entry in Hex 0-9  
 Pins 2-9 as inp

OR

MaxNC Mode  
 Max CL Mode enabled  
 Max NC-10 Wave Drive  
Program restart

Restart if changed  
 Sherline 1/2 Pulse mo.  
 ModBus Input/Output Suppo  
 ModBus PlugIn Supported  
 TCP Modbus support  
 Event Driven Serial Co.  
 Servo Serial Link Feedb.

Kernel Speed  
 25000Hz  35000Hz  45000Hz  60000Hz  
 65000Hz  75000Hz  100kHz  
Note: Software must be restarted and motors kernel speed is

确定 取消 应用 (A)



Engine Configuration... Ports & Pins

Encoder/MPG's		Spindle Setup				Mill Options	
Port Setup and Axis Selection		Motor Outputs		Input Signals		Output Signals	
Signal	Enabled	Step Pin#	Dir Pin#	Dir Low...	Step Lo...	Step Port	Dir Port
X Axis		2	3			1	1
Y Axis		4	5			1	1
Z Axis		6	7			1	1
A Axis		8	9			1	1
B Axis		10	11			1	1
C Axis		12	13			1	1
Spindle		0	0			0	0

确定 取消 应用 (A)

Engine Configuration... Ports & Pins

Encoder/MPG's		Spindle Setup				Mill Options	
Port Setup and Axis Selection		Motor Outputs		Input Signals		Output Signals	
Signal	Enabled	Port #	Pin Number	Active Low	Emulated	HotKey	
X ++		1	11			0	
X --		1	11			0	
X Home		1	0			0	
Y ++		1	12			0	
Y --		1	12			0	
Y Home		1	0			0	
Z ++		1	13			0	
Z --		1	13			0	
Z Home		1	0			0	
A ++		1	15			0	

Pins 10-13 and 15 are inputs. Only these 5 pin numbers may be

Automated Setup of Inputs

确定 取消 应用 (A)



Engine Configuration... Ports & Pins

Encoder/MPG's		Spindle Setup			Mill Options	
Port Setup and Axis Selection		Motor Outputs		Input Signals	Output Signals	
Signal	Enabled	Port #	Pin Number	Active Low	Emulated	HotKey
A --	<input checked="" type="checkbox"/>	1	15	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	0
A Home	<input checked="" type="checkbox"/>	1	0	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	0
B ++	<input checked="" type="checkbox"/>	1	16	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	0
B --	<input checked="" type="checkbox"/>	1	16	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	0
B Home	<input checked="" type="checkbox"/>	1	0	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	0
C ++	<input checked="" type="checkbox"/>	1	17	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	0
C --	<input checked="" type="checkbox"/>	1	17	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	0
C Home	<input checked="" type="checkbox"/>	1	0	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	0
Input #1	<input checked="" type="checkbox"/>	1	0	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	0
Input #2	<input checked="" type="checkbox"/>	1	0	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	0

Pins 10-13 and 15 are inputs. Only these 5 pin numbers may be

Automated Setup of Inputs

确定 取消 应用 (A)

Engine Configuration... Ports & Pins

Encoder/MPG's		Spindle Setup			Mill Options	
Port Setup and Axis Selection		Motor Outputs		Input Signals	Output Signals	
Signal	Enabled	Port #	Pin Number	Active Low	Emulated	HotKey
Input #3	<input checked="" type="checkbox"/>	1	0	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	0
Input #4	<input checked="" type="checkbox"/>	1	0	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	0
Probe	<input checked="" type="checkbox"/>	1	0	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	0
Index	<input checked="" type="checkbox"/>	1	0	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	0
Limit Ovrld	<input checked="" type="checkbox"/>	1	0	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	0
EStop	<input checked="" type="checkbox"/>	0	10	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	96
THC On	<input checked="" type="checkbox"/>	1	0	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	0
THC Up	<input checked="" type="checkbox"/>	1	0	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	0
THC Down	<input checked="" type="checkbox"/>	1	0	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	0
OEM Trig #1	<input checked="" type="checkbox"/>	1	0	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	0

Pins 10-13 and 15 are inputs. Only these 5 pin numbers may be

Automated Setup of Inputs

确定 取消 应用 (A)



Engine Configuration... Ports & Pins

Encoder/MPG's		Spindle Setup			Mill Options	
Port Setup and Axis Selection		Motor Outputs		Input Signals	Output Signals	
Signal	Enabled	Port #	Pin Number	Active Low	Emulated	HotKey
OEM Trig #2	<input checked="" type="checkbox"/>	1	0	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	0
OEM Trig #3	<input checked="" type="checkbox"/>	1	0	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	0
OEM Trig #4	<input checked="" type="checkbox"/>	1	0	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	0
OEM Trig #5	<input checked="" type="checkbox"/>	1	0	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	0
OEM Trig #6	<input checked="" type="checkbox"/>	0	0	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	0
OEM Trig #7	<input checked="" type="checkbox"/>	0	0	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	0
OEM Trig #8	<input checked="" type="checkbox"/>	0	0	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	0
OEM Trig #9	<input checked="" type="checkbox"/>	0	0	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	0
OEM Trig...	<input checked="" type="checkbox"/>	0	0	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	0
OEM Trig...	<input checked="" type="checkbox"/>	0	0	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	0

Pins 10-13 and 15 are inputs. Only these 5 pin numbers may be

Automated Setup of Inputs

确定 取消 应用 (A)

Engine Configuration... Ports & Pins

Encoder/MPG's		Spindle Setup			Mill Options	
Port Setup and Axis Selection		Motor Outputs		Input Signals	Output Signals	
Signal	Enabled	Port #	Pin Number	Active Low	Emulated	HotKey
OEM Trig...	<input checked="" type="checkbox"/>	0	0	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	0
OEM Trig...	<input checked="" type="checkbox"/>	0	0	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	0
OEM Trig...	<input checked="" type="checkbox"/>	0	0	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	0
OEM Trig...	<input checked="" type="checkbox"/>	0	0	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	0
OEM Trig...	<input checked="" type="checkbox"/>	0	0	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	0
Timing	<input checked="" type="checkbox"/>	0	0	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	0
Jog X++	<input checked="" type="checkbox"/>	0	0	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	0
Jog X--	<input checked="" type="checkbox"/>	0	0	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	0
Jog Y++	<input checked="" type="checkbox"/>	0	0	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	0
Jog Y--	<input checked="" type="checkbox"/>	0	0	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	0

Pins 10-13 and 15 are inputs. Only these 5 pin numbers may be

Automated Setup of Inputs

确定 取消 应用 (A)



Engine Configuration... Ports & Pins

Encoder/MPG's		Spindle Setup			Mill Options	
Port Setup and Axis Selection		Motor Outputs		Input Signals	Output Signals	
Signal	Enabled	Port #	Pin Number	Active Low	Emulated	HotKey
Timing	✘	0	0	✘	✘	0
Jog X++	✘	0	0	✘	✘	0
Jog X--	✘	0	0	✘	✘	0
Jog Y++	✘	0	0	✘	✘	0
Jog Y--	✘	0	0	✘	✘	0
Jog Z++	✘	0	0	✘	✘	0
Jog Z--	✘	0	0	✘	✘	0
Jog A++	✘	0	0	✘	✘	0
Jog A--	✘	0	0	✘	✘	0

Pins 10-13 and 15 are inputs. Only these 5 pin numbers may be

Automated Setup of Inputs

确定 取消 应用 (A)

Engine Configuration... Ports & Pins

Encoder/MPG's		Spindle Setup			Mill Options	
Port Setup and Axis Selection		Motor Outputs		Input Signals	Output Signals	
Signal	Enabled	Port #	Pin Number	Active Low		
Digit Trig	✘	1	0	✘		
Enable1	✔	1	14	✔		
Enable2	✔	1	8	✔		
Enable3	✔	1	9	✔		
Enable4	✔	1	1	✔		
Enable5	✘	1	0	✘		
Enable6	✘	1	0	✘		
Output #1	✔	1	1	✔		
Output #2	✘	1	0	✘		
Output #3	✘	1	0	✘		
Output #4	✘	1	0	✘		

Pins 2 - 9 , 1, 14, 16, and 17 are output pins. No other pin

确定 取消 应用 (A)



Engine Configuration... Ports & Pins

Encoder/MPG's		Spindle Setup		Mill Options	
Port Setup and Axis Selection		Motor Outputs		Input Signals	
Signal	Enabled	Port #	Pin Number	Active Low	
Output #5	<input checked="" type="checkbox"/>	1	0	<input checked="" type="checkbox"/>	
Output #6	<input checked="" type="checkbox"/>	1	0	<input checked="" type="checkbox"/>	
Charge Pump	<input checked="" type="checkbox"/>	1	0	<input checked="" type="checkbox"/>	
Charge Pump2	<input checked="" type="checkbox"/>	1	0	<input checked="" type="checkbox"/>	
Current Hi/Low	<input checked="" type="checkbox"/>	1	0	<input checked="" type="checkbox"/>	
Output #7	<input checked="" type="checkbox"/>	1	0	<input checked="" type="checkbox"/>	
Output #8	<input checked="" type="checkbox"/>	1	0	<input checked="" type="checkbox"/>	
Output #9	<input checked="" type="checkbox"/>	1	0	<input checked="" type="checkbox"/>	
Output #10	<input checked="" type="checkbox"/>	1	0	<input checked="" type="checkbox"/>	
Output #11	<input checked="" type="checkbox"/>	1	0	<input checked="" type="checkbox"/>	
Output #12	<input checked="" type="checkbox"/>	1	0	<input checked="" type="checkbox"/>	

Pins 2 - 9 , 1, 14, 16, and 17 are output pins. No other pin

确定 取消 应用 (A)

Engine Configuration... Ports & Pins

Encoder/MPG's		Spindle Setup		Mill Options	
Port Setup and Axis Selection		Motor Outputs		Input Signals	
Signal	Enabled	Port #	Pin Number	Active Low	
Output #11	<input checked="" type="checkbox"/>	1	0	<input checked="" type="checkbox"/>	
Output #12	<input checked="" type="checkbox"/>	1	0	<input checked="" type="checkbox"/>	
Output #13	<input checked="" type="checkbox"/>	1	0	<input checked="" type="checkbox"/>	
Output #14	<input checked="" type="checkbox"/>	1	0	<input checked="" type="checkbox"/>	
Output #15	<input checked="" type="checkbox"/>	1	0	<input checked="" type="checkbox"/>	
Output #16	<input checked="" type="checkbox"/>	1	0	<input checked="" type="checkbox"/>	
Output #17	<input checked="" type="checkbox"/>	1	0	<input checked="" type="checkbox"/>	
Output #18	<input checked="" type="checkbox"/>	1	0	<input checked="" type="checkbox"/>	
Output #19	<input checked="" type="checkbox"/>	1	0	<input checked="" type="checkbox"/>	
Output #20	<input checked="" type="checkbox"/>	1	0	<input checked="" type="checkbox"/>	

Pins 2 - 9 , 1, 14, 16, and 17 are output pins. No other pin

确定 取消 应用 (A)



Engine Configuration... Ports & Pins

Port Setup and Axis Selection	Motor Outputs	Input Signals	Output Signals
Encoder/MPG's	Spindle Setup		Mill Options
<p>Z - Inhibit</p> <input type="checkbox"/> Z - Inhibit Max Depth <input type="text" value="0"/> Unit: <input type="checkbox"/> Persistan	<p>Compensation G41, G42</p> <input checked="" type="checkbox"/> Advanced Compensation Analysi		
<p>Digitizing</p> <input type="checkbox"/> 4 Axis Point Clo <input type="checkbox"/> Add Axis Letters to Coordi	<p>Loop Control</p> <input type="checkbox"/> Allow Servo Hold on Inpu: Max CL Closed Loop		
<p>THC Options</p> <input type="checkbox"/> Allow THC UP/DOWN Control even if not in THC <input type="checkbox"/> G28.1 No Initial Mo. <input type="checkbox"/> Set OUTPUT5 when in THC	<p>General Options</p> <input type="checkbox"/> Homed true when no home switch G73 <input type="text" value="0.1"/>		

确定 取消 应用 (A)

Engine Configuration... Ports & Pins

Port Setup and Axis Selection	Motor Outputs	Input Signals	Output Signals
Encoder/MPG's	Spindle Setup		Mill Options
<p>Relay Control</p> <input type="checkbox"/> Disable Spindle Rel Clockwise Output <input type="text" value="1"/> CCW (M4) Output <input type="text" value="1"/> Output Signal #'s	<p>Motor Control</p> <input type="checkbox"/> Use Spindle Motor Outp <input type="checkbox"/> PWM Control <input checked="" type="checkbox"/> Step/Dir Moto PWMBase Freq. <input type="text" value="5"/> Minimum PWM <input type="text" value="0"/> %	<p>Special Functions</p> <input type="checkbox"/> Use Spindle Feedback in Sync M <input type="checkbox"/> Closed Loop Spindle Cont P <input type="text" value="0.25"/> I <input type="text" value="1"/> D <input type="text" value="0.3"/> <input type="checkbox"/> Spindle Speed Averagi	
<p>Flood Mist Control</p> <input checked="" type="checkbox"/> Disable Flood/Mist reDelay Mist Output <input type="text" value="4"/> <input type="text" value="0"/> Flood Output <input type="text" value="3"/> <input type="text" value="0"/> Output Signal #'s	<p>General Parameters</p> CW Delay Spin UP <input type="text" value="1"/> Seconds CCW Delay Spin UP <input type="text" value="1"/> Seconds Delay Spind DOWN <input type="text" value="1"/> Seconds CCW Delay Spin DOWN <input type="text" value="1"/> Seconds <input type="checkbox"/> Immediate Relay off before d	<p>Special Options, Usually Off</p> <input type="checkbox"/> HotWire Heat for J <input type="checkbox"/> Laser Mode. fr <input type="checkbox"/> Torch Volts Cont	
<p>ModBus Spindle - Use Step/Dir as well</p> <input type="checkbox"/> Enabled Reg <input type="text" value="64"/> <input type="text" value="64"/> - Max ADC Count <input type="text" value="16380"/>			

确定 取消 应用 (A)



Engine Configuration... Ports & Pins

Port Setup and Axis Selection		Motor Outputs		Input Signals		Output Signals	
Encoder/MPG's		Spindle Setup				Mill Options	
Signal	Enabled	A -Port #	A -Pin #	B -Port #	B -Pin #	Counts...	Velocity
Encoder1	<input checked="" type="checkbox"/>	0	0	0	0	1.000000	100.00...
Encoder2	<input checked="" type="checkbox"/>	0	0	0	0	1.000000	100.00...
Encoder3	<input checked="" type="checkbox"/>	0	0	0	0	1.000000	100.00...
Encoder4	<input checked="" type="checkbox"/>	0	0	0	0	1.000000	100.00...
MPG #1	<input checked="" type="checkbox"/>	0	0	0	0	1.000000	100.00...
MPG #2	<input checked="" type="checkbox"/>	0	0	0	0	1.000000	100.00...
MPG #3	<input checked="" type="checkbox"/>	0	0	0	0	1.000000	100.00...

确定 取消 应用 (A)