

Engine Configuration... Ports & Pins



Port Setup and Axis Selection | Motor Outputs | Input Signals | Output Signals | Encoder/MPG's | Spindle Setup | Mill Options

Port #1
 Port Enabled
 Port Address
 Entry in Hex 0-9 A-F only

Port #2
 Port Enabled
 Port Address
 Entry in Hex 0-9 A-F only
 Pins 2-9 as inputs

OR

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

Kemel Speed
 25000Hz 35000Hz 45000Hz 60000hz
 65000hz 75000hz 100khz
 Note: Software must be restarted and motors retuned if kemel speed is changed.

Restart if changed
 Sherline 1/2 Pulse mode.
 ModBus InputOutput Support
 ModBus PlugIn Supported.
 TCP Modbus support
 Event Driven Serial Control

OK

Отмена

Применить

Engine Configuration... Ports & Pins



Port Setup and Axis Selection | Motor Outputs | Input Signals | Output Signals | Encoder/MPG's | Spindle Setup | Mill Options

Signal	Enabled	Step Pin#	Dir Pin#	Dir LowActi...	Step Low A...	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		16	17			0	0
C Axis		0	0			0	0
Spindle		0	0			0	0

OK

Отмена

Применить

Engine Configuration... Ports & Pins

Port Setup and Axis Selection | Motor Outputs | Input Signals | Output Signals | Encoder/MPG's | Spindle Setup | Mill Options

Signal	Enabled	Port #	Pin Number	Active Low	Emulated	HotKey
X ++		1	10			0
X --		1	10			0
X Home		1	10			0
Y ++		1	11			0
Y --		1	11			0
Y Home		1	11			0
Z ++		1	12			0
Z --		1	12			0
Z Home		1	12			0

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

Automated Setup of Inputs

OK Отмена Применить

Engine Configuration... Ports & Pins

Port Setup and Axis Selection | Motor Outputs | Input Signals | Output Signals | Encoder/MPG's | Spindle Setup | Mill Options

Signal	Enabled	Port #	Pin Number	Active Low
Digit Trig		1	0	
Enable1		1	1	
Enable2		1	0	
Enable3		1	0	
Enable4		1	0	
Enable5		1	0	
Enable6		1	0	
Output #1		1	14	
Output #2		1	0	
Output #3		1	0	

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

OK Отмена Применить

Port Setup and Axis Selection | Motor Outputs | Input Signals | Output Signals | Encoder/MPG's | Spindle Setup | Mill Options

Relay Control

Disable Spindle Relays

Clockwise (M3) Output #

CCW (M4) Output #

Output Signal #'s 1-6

Flood Mist Control

Disable Flood/Mist relays Delay

Mist M7 Output #

Flood M8 Output #

Output Signal #'s 1-6

ModBus Spindle - Use Step/Dir as well

Enabled Reg 64 - 127

Max ADC Count

Motor Control

Use Spindle Motor Output

PWM Control

Step/Dir Motor

PWMBase Freq.

Minimum PWM %

General Parameters

CW Delay Spin UP Seconds

CCW Delay Spin UP Seconds

CW Delay Spind DOWN Seconds

CCW Delay Spin DOWN Seconds

Immediate Relay off before delay

Special Functions

Use Spindle Feedback in Sync Modes

Closed Loop Spindle Control

P I D

Spindle Speed Averaging

Special Options, Usually Off

HotWire Heat for Jog

Laser Mode. freq I

Torch Volts Control

Torch Auto Off

OK

Отмена

Применить