










Configure Plugins

	Enabled	Description	Version	Config
1		Core - Newfangled Solutions	4.2.0.2914	N/A
2		Keyboard Inputs - Newfangled Solutions	4.2.0.2914	Configure...
3		LUA - Newfangled Solutions	4.2.0.2914	N/A
4		Modbus - Newfangled Solutions	4.2.0.2914	Configure...
5		Regfile - Newfangled Solutions	4.2.0.2914	Configure...
6		Serial - Newfangled Solutions	4.2.0.2914	Configure...
7		ShuttlePro - Newfangled Solutions	4.2.0.2914	Configure...
8		Simulator - Newfangled Solutions	4.2.0.2914	Configure...
9		ESS - Warp9 Tech Design, Inc.	1.0.1.132	Configure...

Add...

Remove

OK

Cancel

Ethernet SmoothStepper Configuration

General

I/O

Homing

Help

Select Smooth Stepper Device or Enter the IP Address

10.9.9.9

Buffer Pre-Fill Level (0 to 1022)

125

OK

Cancel

Apply

Ethernet SmoothStepper Configuration

General

I/O

Homing

Help

Port 2 Pins 2-9 Direction

☐ Inputs☒ Outputs

Port 3 Pins 2-9 Direction

☒ Inputs☐ Outputs

	Enable	Active Low	Standard Name	Custom Name
Port1-Pin1 (Output)				
Port1-Pin2 (Output)				
Port1-Pin3 (Output)				
Port1-Pin4 (Output)			Enable #1	X EN
Port1-Pin5 (Output)			Motor 0 Dir	X DIR
Port1-Pin6 (Output)			Motor 0 Step	X STEP
Port1-Pin7 (Output)			Motor 1 Step	Y STEP
Port1-Pin8 (Output)			Motor 1 Dir	Y DIR
Port1-Pin9 (Output)			Enable #2	Y EN
Port1-Pin10 (Input)				
Port1-Pin11 (Input)				
Port1-Pin12 (Input)				
Port1-Pin13 (Input)				

OK

Cancel

Apply

Mach Configuration

General Plugins Motors Axis Mapping Homing/SoftLimits Input Signals Output Signals MPGs Spindle Tool Path

Default Modes

Machine Setup Units

☒ Inch ☐ Metric

Control Mode

Mill

Units Mode

☒ Inch ☐ Metric

Traverse Mode

☒ Rapid ☐ Feed

Motion Mode

☒ Constant Velocity☐ Exact Stop

Distance Mode

☒ Absolute☐ Incremental

Arc Center Mode

☐ Absolute☒ Incremental

Feed Mode

☐ Per Rev.☒ Per Min.

Active Plane

☒ X-Y☐ Y-Z☐ X-Z

Cycle Retract

☒ Initial Z☐ Rapid Plane

Spindle Mode

☒ Const. RPM☐ Const. Surface

Initialization Codes

G52 X0 Y0 Z0 A0 B0 C0

G92.1

General

Delays (secs)

Coolant Delay: 1.000000

Mist Delay: 1.000000

Jog Increments

Position 1 1

0.1

0.01

0.001

0.0001

Use 0 to
disable

1

0.1

0.01

0.001

Position 10 0.0001

G code file extensions

*.tap; *.nc

Misc.

☐ Include Comments In Messages?☐ Deref Axes In E-Stop?☐ Cycle Stop Is Controlled Stop?

PLC Script Interval

100 (milliseconds)

Look Ahead Lines

20

Rotary Axes

☐ Rollover A☐ Rollover B☐ Rollover C

G code file editor

C:\Mach4Hobby\gcedit










OK

Cancel

Apply

Mach Configuration

General Plugins Motors Axis Mapping Homing/SoftLimits Input Signals Output Signals MPGs Spindle Tool Path

	Enabled	Description	Version
1		Core - Newfangled Solutions	4.2.0.2914
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8		Simulator - Newfangled Solutions	4.2.0.2914
9		ESS - Warp9 Tech Design, Inc.	1.0.1.132

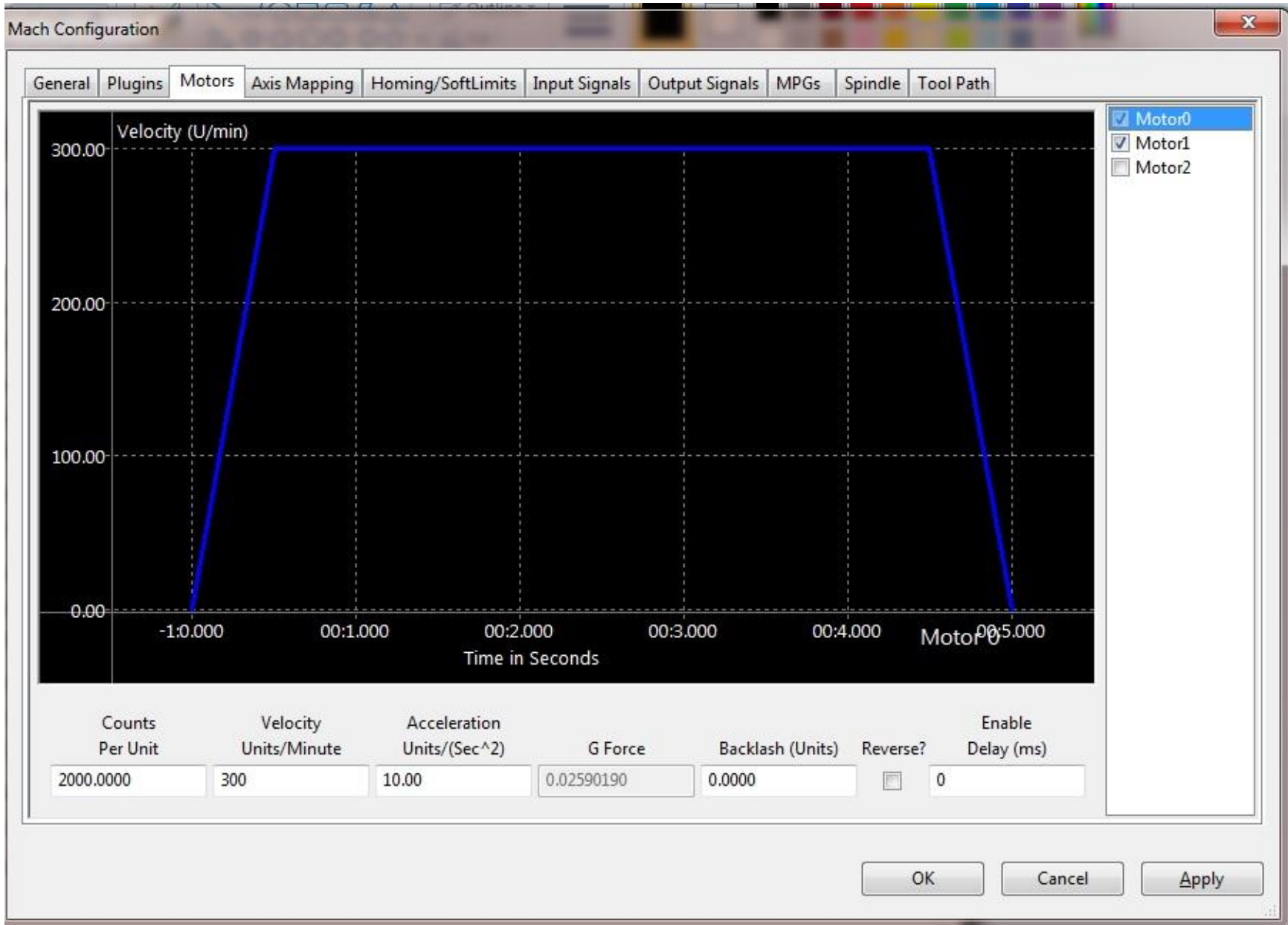
Add...

Remove

OK

Cancel

Apply



General Plugins Motors **Axis Mapping** Homing/SoftLimits Input Signals Output Signals MPGs Spindle Tool Path

	Enabled	Master	Slave 1	Slave 2	Slave 3	Slave 4	Slave 5
X (0)		Motor0					
Y (1)		Motor1					
Z (2)							
A (3)							
B (4)							
C (5)							
OB1 (6)							
OB2 (7)							
OB3 (8)							
OB4 (9)							
OB5 (10)							
OB6 (11)							

OK

Cancel

Apply

Mach Configuration

General Plugins Motors Axis Mapping Homing/SoftLimits Input Signals Output Signals MPGs Spindle Tool Path

	Mapping Enabled	Device	Output Name	Active Low
C --				
C Home				
Enable #0				
Enable #1				
Enable #2				
Enable #3				
Enable #4		ESS	Enable #1	
Enable #5				
Enable #6				
Enable #7				
Enable #8				
Enable #9		ESS	Enable #2	
Enable #10				
Enable #11				
Enable #12				
Enable #13				
Enable #14				
Enable #15				
Enable #16				

OK

Cancel

Apply

Mach Configuration

GeneralPluginsMotorsAxis MappingHoming/SoftLimitsInput SignalsOutput SignalsMPGSSpindleTool Path

	Mapping Enabled	Device	Output Name	Active Low
Enable #29				
Enable #30				
Enable #31				
Output #0				
Output #1				
Output #2				
Output #3				
Output #4				
Output #5		ESS	Motor 0 Dir	
Output #6				
Output #7				
Output #8		ESS	Motor 1 Dir	
Output #9				
Output #10				
Output #11				
Output #12				
Output #13				
Output #14				

OKCancelApply