

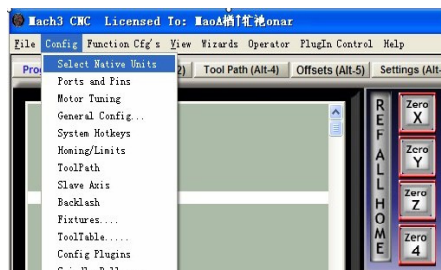
Redsail mini router works with Mach3

User manual

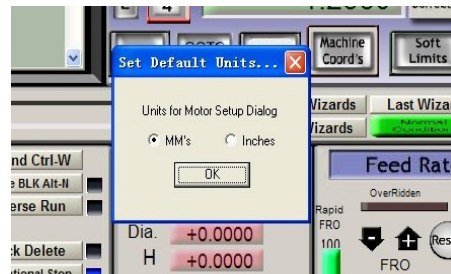
I Instructions for setting up the software

1): Upper Computer Software----MACH3. Please install it according to the installation suggestions.

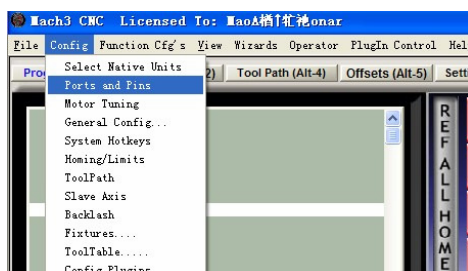
2): Set up the software as follow:



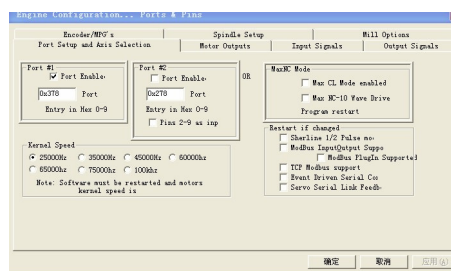
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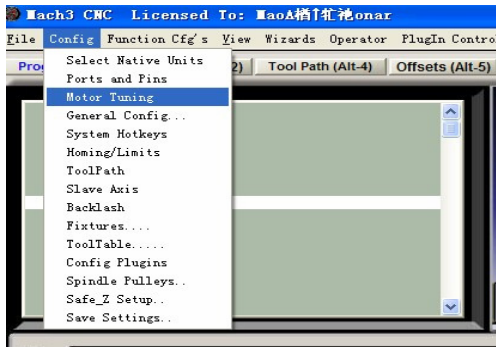
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Encoder/Motor's		Spindle Setup		MILL Options	
Port Setup and Axis Selection		Motor Outputs		Input Signals	
Signal	Enabled	Step Pin#	Dir Pin#	Step Lo...	Step Port
X Axis	<input checked="" type="checkbox"/>	2	3	<input checked="" type="checkbox"/>	1
Y Axis	<input checked="" type="checkbox"/>	4	5	<input checked="" type="checkbox"/>	1
Z Axis	<input checked="" type="checkbox"/>	6	7	<input checked="" type="checkbox"/>	1
A Axis	<input checked="" type="checkbox"/>	8	9	<input checked="" type="checkbox"/>	1
B Axis	<input checked="" type="checkbox"/>	0	0	<input checked="" type="checkbox"/>	0
C Axis	<input checked="" type="checkbox"/>	0	0	<input checked="" type="checkbox"/>	0
Spindle	<input checked="" type="checkbox"/>	0	0	<input checked="" type="checkbox"/>	0

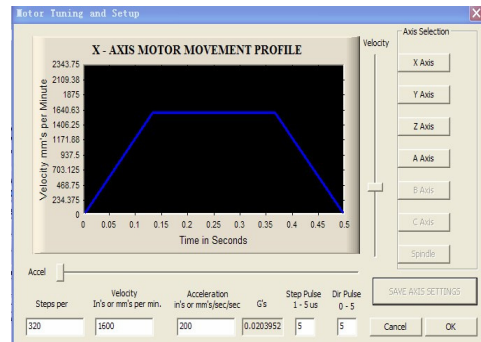
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Encoder/Motor's		Spindle Setup		MILL Options	
Port Setup and Axis Selection		Motor Outputs		Input Signals	
Signal	Enabled	Port #	Pin Number	Active Low	HotKey
Input #0	<input checked="" type="checkbox"/>	1	0	<input checked="" type="checkbox"/>	0
Input #1	<input checked="" type="checkbox"/>	1	0	<input checked="" type="checkbox"/>	0
Probe	<input checked="" type="checkbox"/>	1	0	<input checked="" type="checkbox"/>	0
Index	<input checked="" type="checkbox"/>	1	0	<input checked="" type="checkbox"/>	0
Limit Over	<input checked="" type="checkbox"/>	1	0	<input checked="" type="checkbox"/>	0
Endstop	<input checked="" type="checkbox"/>	1	10	<input checked="" type="checkbox"/>	0
TMC On	<input checked="" type="checkbox"/>	1	0	<input checked="" type="checkbox"/>	0
TMC Up	<input checked="" type="checkbox"/>	1	0	<input checked="" type="checkbox"/>	0
TMC Down	<input checked="" type="checkbox"/>	1	0	<input checked="" type="checkbox"/>	0
DIR Trig #1	<input checked="" type="checkbox"/>	1	0	<input checked="" type="checkbox"/>	0

6



7



8

II Shortcut Keys

- 1: TAB key is used to run the DSP handle
- 2: “up”, “down”, “left” and “right” keys are used to control Y axis and X axis, “Page up” and “Page down” used to control Z axis.

III After entering the code, please add F2000 in the foremost line. 2000 is feeding rate which can be changed. Start the software after locating well.