

<u> UCCNC – Axiom CNC Quick Start Guide</u>





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Version 1.1





Read & understand operators manual before using this machine. Failure to follow operating instructions could result in death or serious injury

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1. <u>Home All</u>	This function aligns the software limits (or softlimits) for your machine with the actual working boundary on your table. For the softlimits to work properly you must home the machine every time you turn the machine on.
2. Load your G-Code	
LOAD FILE	The G-code file is generated from Cut2D/Vcarve and from there loaded into the UCCNC software
3. Clamp Your Work Piece	
J. Clamp Tour Work Tiece	
4. Load your Tool	DO NOT TOUCH the spindle unless the reset
	button is flashing red and vellow on LICCNC
	control interface on your PC
	Les the meshine such that the centre of the
5. Set X and Y working origin	Jog the machine such that the centre of the
XY Origin Position	spindle is in line with the defined origin position
	you have set in the "Job Setup" in Vectric. When
ĬĬ	in position you can select the set axis origin
	button for the applicable axis as below:
	\bigcirc
6. <u>Set Z working origin</u>	To set the z working origin, plug in the Axiom
	Touch off puck provided with your machine into
Material	the back of the left side upright. Place the puck
Thickness (z):	either on the material surface or the table surface
	as per your defined origin position you have set in
2 Zero	the "Job Setup" in Vectric. Jog the machine over
	the puck and run the auto touch off command:
7. <u>Reduce Feed rate %</u>	Prior to starting the cycle you can override and
	reduce the feed rate set in your G-Code by
Overridden 6.0 FACT 0.0 - 100% +	clicking the "-" button on the Fset line. This will
	slow the machine down giving you more reaction
	time if your set-up in incorrect for machining
8. <u>Start cycle</u>	 Verify the working area is sufficient for
	machining
CYCLE	Start Cycle
START	Observe and listen
0 Increase Feed Date %	After you have obcaryed the start of your system
9. Increase reed Rate %	and believe you set up is correct and the machine
	is preforming appropriately you can increase the
FSET 6.0 FACT 0.0 - 100% +	feed rate set in your G-Code by clicking the "+"
	button on the Fset line.