

UCCNC software

RunOffsetsToolsSettingsAxes SetupI/O SetupDiagnostics

GeneralFunction

Edit Screen

Kernel Frequency

☐ 25 kHz

☐ 50 kHz

☐ 100 kHz

☐ 200 kHz

☐ 400 kHz

Comm. Buffer Size (seconds):

0.5

Appearance Settings

☐ Maximize on Startup

☐ Show Crosshair on TCP

☐ 3D TCP Marker

☐ Show Cone Icon on TCP

☐ Rotate TCP Marker with Plane Selection

☐ Show Zero Marker

Display Colors:

☐ Undone Path

☐ Done Path

☐ Rapid Path

☐ TCP Marker

☐ Zero Marker

☐ Background

☐ Boundaries

☐ Interpretable Codes

☐ Non-Interpretable Codes

☐ Selected Code Highlight

Unknown G-Code Handling

☐ Ignore

☐ Display Warning Message

☐ Do Not Run

General Settings

Position DRO # of digits:

4

Safe Z Height 1 (Run From Here Only):

4

Safe Z Height 2 (Machine Coordinates):

0.0

G73 Back Off:

0.01

Arc Radius Tolerance:

0.01

☐ Dwell in Seconds

☐ Display Softlimit Message

☐ Validate textfields with "ENTER"

☐ Pre-compile all Macros on Startup

☐ Disable Jog Panel Popup on Mouseover

Homing Sequence

1) Z axis

3) Y axis

5) None

2) X axis

4) None

6) None

Configure

Configure Plugins

Configure Macroloops

Configuration Lock

Apply Settings

Save Settings

Profiles

Current Profile:

Profile:Mikini\_2017\_Screen

Default

Mikini

Mikini\_2017\_Screen

Plasma

List Profiles

Load Profiles

Delete Profiles

New Profile Name:

New Profile

Import Mach3

☐ Create Desktop Shortcut

System Information

Licensed to: Ralph Christy

Software version: 1.2045

Hardware version: 1.0000

Serial number: CD001C

Device type: UC400ETH

Firmware version: 1.1350

API version: 2.1280

Statistics

UCCNC software

RunOffsetsToolsSettingsAxes SetupI/O SetupDiagnostics

System Checkboxes & LED's

Kernel Frequency

☐ 25 kHz - 86

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☐ 100 kHz - 88

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☒ Maximize on Start - 147

☐ Show Crosshairs - 90

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☐ Show Cone - 89

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☒ PreCompile Macros - 241

☒ Disable Jog Panel Popup - 242

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Auto Zero

☐ Material Offset - 20301

☐ Delay Spindle - 20302

☐ Zero All Offsets - 20312

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☐ Use Safe Z - 20303

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☒ Include X - 230

☒ Include Y - 231

☒ Include Z - 232

☐ Include A - 233

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☐ Include C - 235

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☐ Park 1 Machine - 20304

☐ Park 2 Machine - 20305

☐ Park 3 Machine - 20306

☐ Park 4 Machine - 20307

☐ Use Safe Z - 20308

Spindle

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☐ Dir Active Low - 64

☒ Use Pulleys - 226

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☐ Dir Active Low - 66

☐ Enable Relays - 67

☐ M3 Active Low - 68

☐ M4 Active Low - 69

☒ Enable Coolant - 70

☐ M7 Active Low - 71

☐ M8 Active Low - 72

MPG

☐ MPG for Jog - 148

X Axis

☒ Enable X - 1

☐ Step Active Low - 2

☐ Dir Active Low - 3

☐ Enable Active Low - 141

☒ Limit+ Active Low - 4

☒ Limit+ Active Low - 5

☐ Home Active Low - 6

☒ Home Positive - 7

☒ Home Zero - 8

☐ Backlash Comp - 9

Y Axis

☒ Enable Y - 10

☐ Step Active Low - 11

☒ Dir Active Low - 12

☐ Enable Active Low - 142

☒ Limit+ Active Low - 13

☒ Limit+ Active Low - 14

☐ Home Active Low - 15

☒ Home Positive - 16

☐ Home Zero - 17

☐ Backlash Comp - 18

Z Axis

☒ Enable Z - 19

☐ Step Active Low - 20

☐ Dir Active Low - 21

☐ Enable Active Low - 143

☒ Limit+ Active Low - 22

☒ Limit+ Active Low - 23

☐ Home Active Low - 24

☒ Home Positive - 25

☐ Home Zero - 26

☐ Backlash Comp - 27

A Axis

☒ Enable A - 28

☐ Step Active Low - 29

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☐ One Time Edge - 20311

☒ Jog Safe Probe - LED 246

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