SHARK®

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NEXT WAVE
CNC

Save a Toolpath

This guide will cover how to use the "Selected Toolpath" and "Visible toolpaths" to one file settings under Save Toolpath.

For a full explanation please see Vectric's Tutorial video Toolpath Saving Guide as well as Vectric's Help Center guide Save Toolpath.

Save a Toolpath Option 1: Individual files

1. Select the Save Toolpath button under Toolpath Operations 💾

2. Left-click on "Selected toolpath"

3. Left-click on the toolpath you want to save from the Toolpaths list so it is highlighted in blue.

a. The toolpath will display under "Toolpaths to be saved"

4. Select the appropriate Post Processor from the Post Processor drop down list.
    example: Next Wave CNC (inch)(*.tap)
           Next Wave Laser (inch)(*.tap)
           CNC Shark USB Arcs (inch)(*.tap) for older
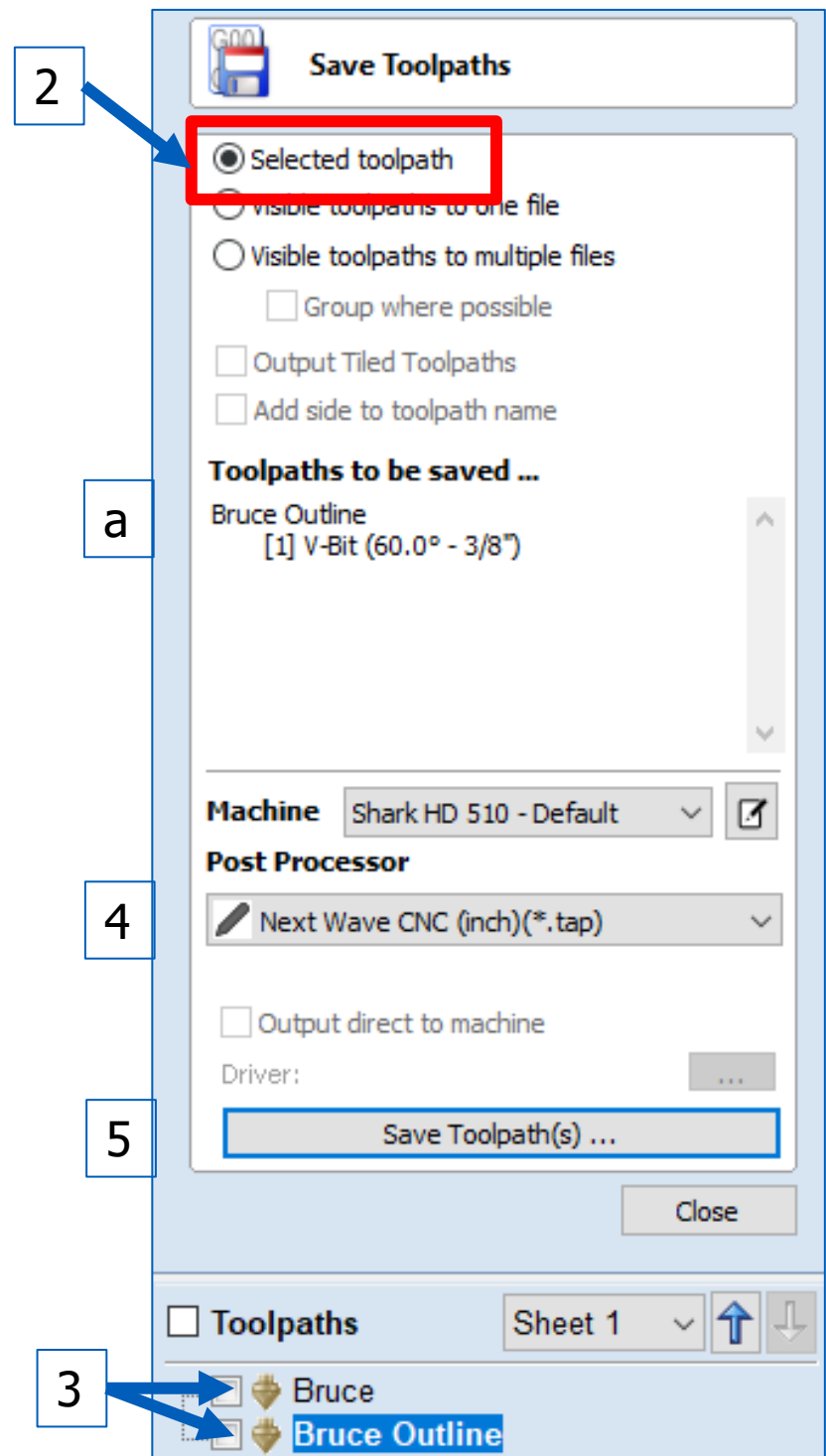   versions

5. Select Save Toolpath

Save the toolpath to your flash drive if you will be running the file through the LCD pendant.
OR
Save the toolpath to a folder or location on your computer to run the file through Ready2Control.

3. To save the additional toolpaths, left-click on the next toolpath name so that it is highlighted in blue repeat steps 4 and 5.

Save Toolpaths

2 →

● Selected toolpath
○ Visible toolpaths to one file
○ Visible toolpaths to multiple files
   ☐ Group where possible
☐ Output Tiled Toolpaths
☐ Add side to toolpath name

Toolpaths to be saved ...

a
Bruce Outline
    [1] V-Bit (60.0° - 3/8")

Machine | Shark HD 510 - Default ▾ | ✎

Post Processor

4
✎ Next Wave CNC (inch)(*.tap) ▾

☐ Output direct to machine

Driver: ___

5
Save Toolpath(s) ...

Close

☐ **Toolpaths**   Sheet 1 ▾ ⬆ ⬇

3 →
☐ ⬥ Bruce
☐ ⬥ **Bruce Outline**

Save a Toolpath Option 2: One file

1. Select the Save Toolpath button under Toolpath Operations

2. Left-click on "Visible toolpaths to one file"
- "Visible toolpaths to one file" allows the user to save multiple toolpaths using the same bit or tool into one file in the order they appear under Toolpaths.

3. Check the boxes next to each toolpath that will be using the same bit from the Toolpaths list

a. All check-marked toolpaths will display under "Toolpaths to be saved"

4. Select the appropriate Post Processor from the Post Processor drop down list.
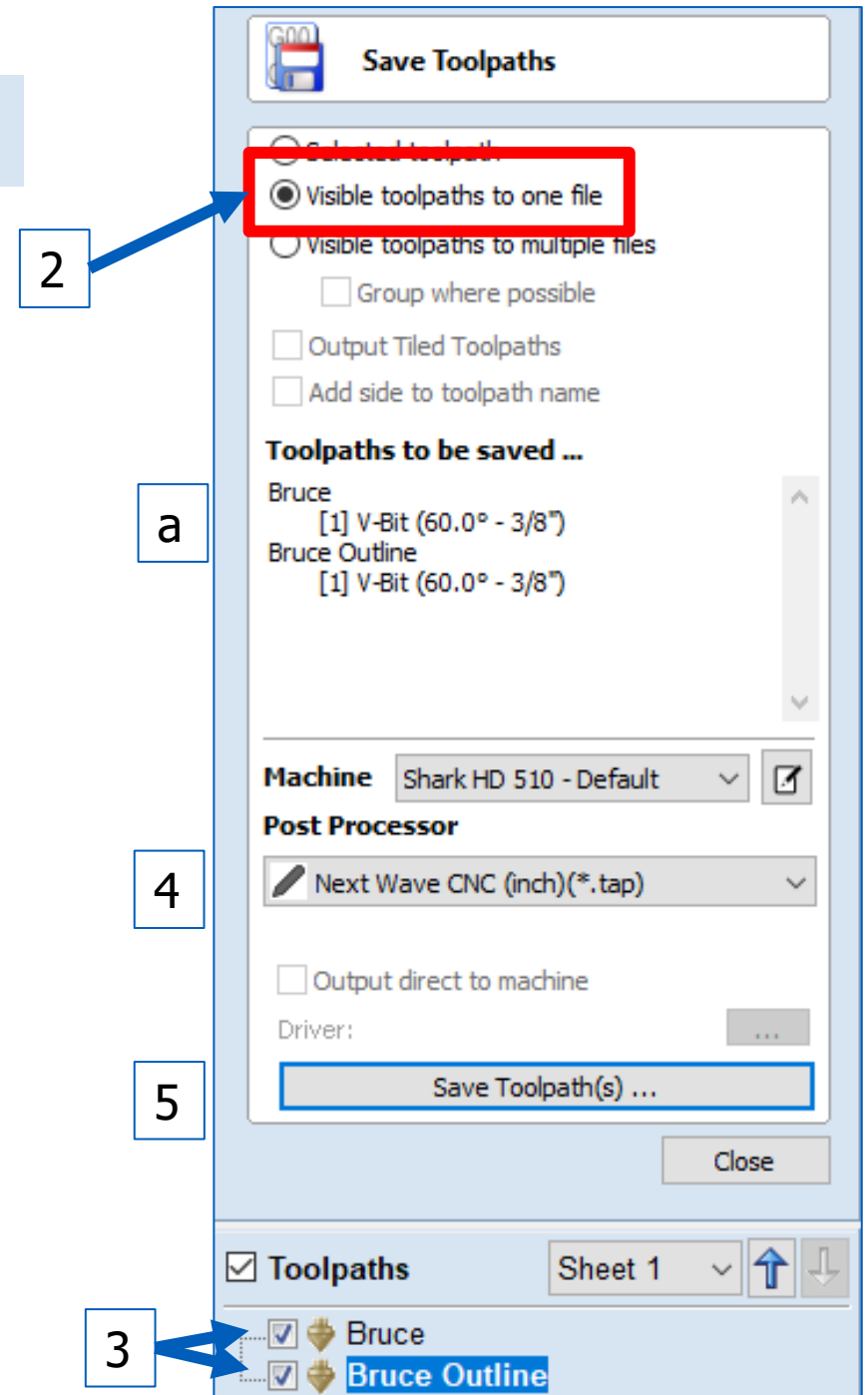   example: Next Wave CNC (inch)(*.tap)
             Next Wave Laser (inch)(*.tap)
             CNC Shark USB Arcs (inch)(*.tap) for older versions

5. Select Save Toolpath

Save the toolpath to your flash drive if you will be running the file through the LCD pendant.
OR
Save the toolpath to a folder or location on your computer to run the file through Ready2Control.

Save Toolpaths

- ○ Selected toolpath
- ● Visible toolpaths to one file
- ○ Visible toolpaths to multiple files
  - ☐ Group where possible
- ☐ Output Tiled Toolpaths
- ☐ Add side to toolpath name

Toolpaths to be saved ...
Bruce
    [1] V-Bit (60.0° - 3/8")
Bruce Outline
    [1] V-Bit (60.0° - 3/8")

Machine   Shark HD 510 - Default

Post Processor

Next Wave CNC (inch)(*.tap)

☐ Output direct to machine
Driver: [...]

Save Toolpath(s) ...

Close

☑ Toolpaths   Sheet 1

- ☑ Bruce
- ☑ Bruce Outline

Save a Toolpath Option 2: Error

If you receive the error "Error: The visible toolpaths use different tools and the selected Post-Processor does not support toolchanging."

- Uncheck the toolpaths one at a time until the error goes away to determine which toolpath is causing this error.
- If the toolpath is supposed to use the same bit as the others, double left-click on the toolpath and edit the bit being used and then calculate the toolpath again.