Release Notes for PathPilot® v2.1.2

July 2018

FIXED ISSUES

Mills

- When using an ATC, we fixed issues where:
  - The interface was unresponsive throughout an operation to touch off the tool tray, making it difficult to stop the operation (PP-2056)
  - Certain programmed feed rates could time out an operation to touch off the tool tray (PP-2194)
- On M Series mills, we fixed an issue where the variable frequency drive (VFD) speed was incorrectly reported if the VFD wasn't powered on before an `M3` or `M4` command (PP-2189)
- On PCNC 440 mills, we fixed an issue where the VFD status was sometimes inaccurately detected, which incorrectly prevented Automatic Tool Changer (ATC) operations (PP-2193)

TORMACH

RELEASE NOTES

PathPilot® Updates

> 📝 **NOTE:** You don't need to install updates sequentially. Install the latest PathPilot® update file to be completely up-to-date.

To update and manage versions of PathPilot® on the controller, you can do any of the following:

- "Download and Install an Update File" (below)
- "Install an Update File from a USB Drive" (below)

2.1 DOWNLOAD AND INSTALL AN UPDATE FILE

> 📝 **NOTE:** Downloading and installing an update file requires an Internet connection. Make sure that the **Internet** button LED light is on.

1. Make sure that the PathPilot® controller is powered on and out of **Reset** mode.
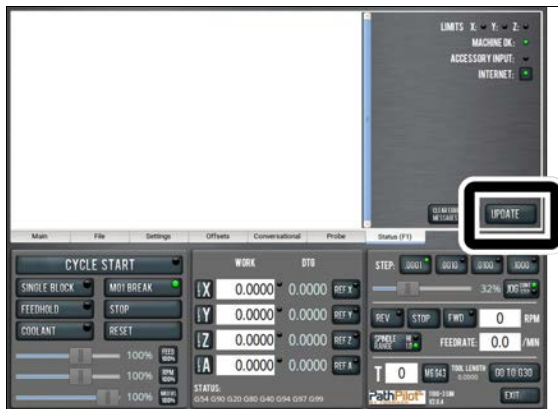2. From the PathPilot® interface, on the **Status** tab, click **Update**.

Figure 2-1: Update button on the Status tab.

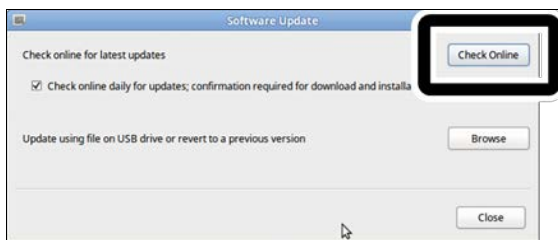3. From the **Software Update** dialog box, click **Check Online**.

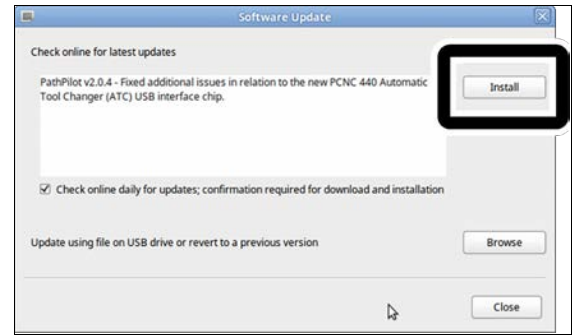*Figure 2-2: Software Update dialog box.*

4. Click **Install**.

Figure 2-3: Install button on the Software Update dialog box.

The update file is downloaded.

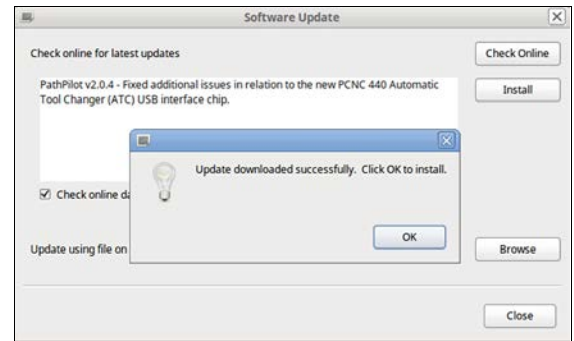5. From the dialog box, click **OK**.

Figure 2-4: OK button on the dialog box.

The update file is installed on the PathPilot® controller.

6. Follow the instructions on the screen to restart the PathPilot® controller.

2.2 INSTALL AN UPDATE FILE FROM A USB DRIVE

1. From **tormach.com/pp-updates**, download the most recent PathPilot® update file.
2. Transfer the PathPilot® update file to a USB drive.
3. Insert the USB drive into the PathPilot® controller.
4. Make sure that the PathPilot® controller is powered on and out of **Reset** mode.

5. From the PathPilot® interface, on the **Status** tab, click **Update**.
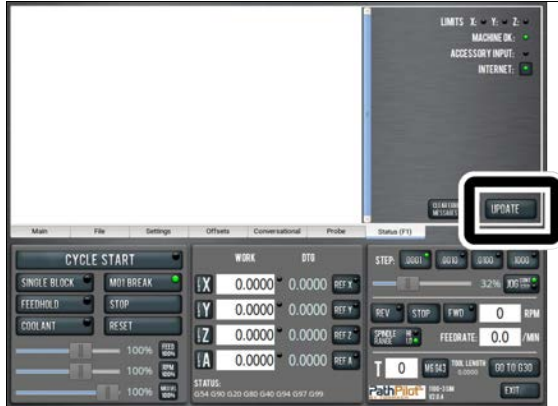

Figure 2-5: Update button on the Status tab.

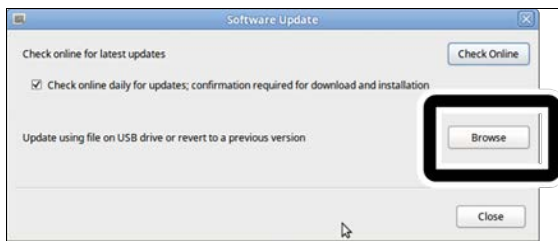6. From the **Software Update** dialog box, click **Browse**.

Figure 2-6: Software Update dialog box.

7. From the **Browse** dialog box, click **USB**.

Figure 2-7: Browse dialog box.

8. Select the desired update file. Then, click **Update**.

Figure 2-8: Update button.

The update file is installed on the PathPilot® controller.

9. Follow the instructions on the screen to restart the PathPilot® controller.