RELEASE NOTES FOR PATHPILOT V2.4.1

December 2019

FIXED ISSUES

Mills

- We fixed issues where:
 - On the ATC tab, the Touch Off Entire Tray button didn't run the command as expected. (PP-2732)
 - Using G0/G1 to retract a probe resulted in a motion error. This did not affect probing routines. (PP-2736)
 - While in G21 mode, setting a G37 position didn't work. (PP-2738)
 - If an M+ or MX machine was already powered on and out of reset, bringing it out of reset a second time (after pressing and releasing the Emergency Stop button) resulted in the following error: EMC_AXIS_INCR_JOG. (PP-2739)
 - In a few rare cases, tool motion stopped during a 3D profiling pass. (PP-2740)
 - While in G21 mode, setting ETS Work Offset (height) and ETS G37 Spindle Nose Reference didn't work correctly. (PP-2741)



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MANAGE PATHPILOT VERSIONS

Note: You don't need to install updates sequentially. You can update from any previous version to the current version of PathPilot.

Depending on what you want to do, refer to the following sections:

- "Download and Install an Update File" (below)
- "Install an Update File from a USB Drive" (below)
- "Install a Previous Version of an Update File" (on the next page)

2.1 DOWNLOAD AND INSTALL AN UPDATE FILE

Note: Downloading and installing an update file requires an Internet connection. From the PathPilot interface, confirm that the Internet button LED light is on.

- Confirm that the PathPilot controller is powered on and out of Reset mode.
- 2. From the PathPilot interface, on the Status tab, select Update.



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

3. From the Software Update dialog box, select Check Online.

Software Update	×
Check online for latest updates	Check Online
$\overrightarrow{\mathcal{C}}$ Check online daily for updates; confirmation required for download and installation	
Update using file on USB drive or revert to a previous version	Browse
4	Close

Figure 2-2: Software Update dialog box.

4. Select Install.



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

The update file is downloaded, and a notification dialog box displays.

5. From the dialog box, select OK.

Check online for late	st updates		Check Online
PathPilot v2.0.4 - F Tool Changer (ATC	wed addition () USB inter	nal issues in relation to the new PCNC 440 Automatic face chip.	Intal
2 Check online (•	Update downloaded successfully. Click OK to install.	
Update using file or		ОК	Browse

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

The update file is installed on the PathPilot controller.

Follow the on-screen instructions to restart the PathPilot controller.

2.2 INSTALL AN UPDATE FILE FROM A USB DRIVE

- From tormach.com/pp-updates, download the most recent PathPilot update file.
- 2. Transfer the PathPilot update file to a USB drive.
- 3. Put the USB drive into the PathPilot controller.
- Confirm that the PathPilot controller is powered on and out of Reset mode.
- 5. From the PathPilot interface, on the Status tab, select Update.



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

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6. From the Software Update dialog box, select Browse.



Figure 2-6: Software Update dialog box.

7. From the Browse dialog box, select USB.

Name V2041gp	Ĵ	5ize 23.9 MB 24.0 MB	Modified 64/03/2018 64/10/2018
CHOOSE UPDATE PACKAGE AND PRESS UPD	ATE: CANCEL		UPDATE

Figure 2-7: Browse dialog box.

8. Select the desired update file, and then select **Update**.



Figure 2-8: Update button.

The update file is installed on the PathPilot controller.

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

2.3 INSTALL A PREVIOUS VERSION OF AN UPDATE FILE

- Confirm that the PathPilot controller is powered on and out of Reset mode.
- 2. From the PathPilot interface, on the Status tab, select Update.



Figure 2-9: Update button on the Status tab.

3. From the Software Update dialog box, select Browse.

Software Update	\times
Check online for latest updates	Check Online
$\overrightarrow{\mathbf{Z}}$ Check online daily for updates; confirmation required for download and installation	
Update using file on USB drive or revert to a previous version	Browse
4	Close

Figure 2-10: Software Update dialog box.

4. From the Browse dialog box, select Previous Versions.

PREVIOUS VERSIONS				
Name	~	Size	Modified	
📑 v2.0.0.tgp				
v2.0.2.tgp		23.9 MB	04/03/2018	
CHOOSE UPDATE PACKAGE AND PRESS UPDATE:				
	CANCEL		UPDATE	

Figure 2-11: Browse dialog box.

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5. Select the desired update file, and then select **Update**.

USB C PREVIOUS			
Name	~ Si	ze Mo	dified 📫
🔮 v2.0.2.tgp	23	1.9 MB 04/	03/2018
CHOOSE UPDATE PACKAGE AND PRESS UPDATE			
-	CANCEL		DATE

Figure 2-12: Update button.

The update file is installed on the PathPilot controller.

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