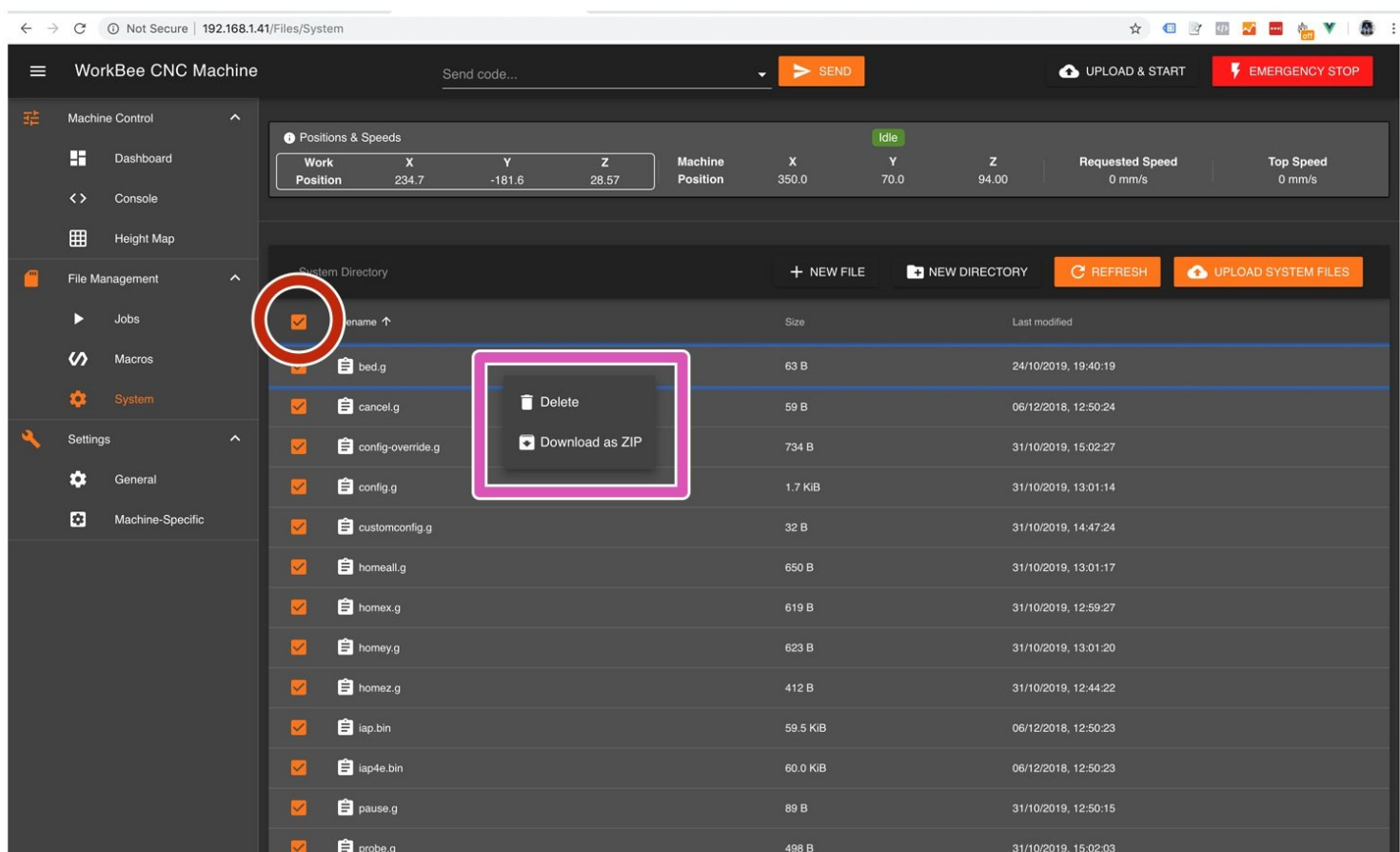




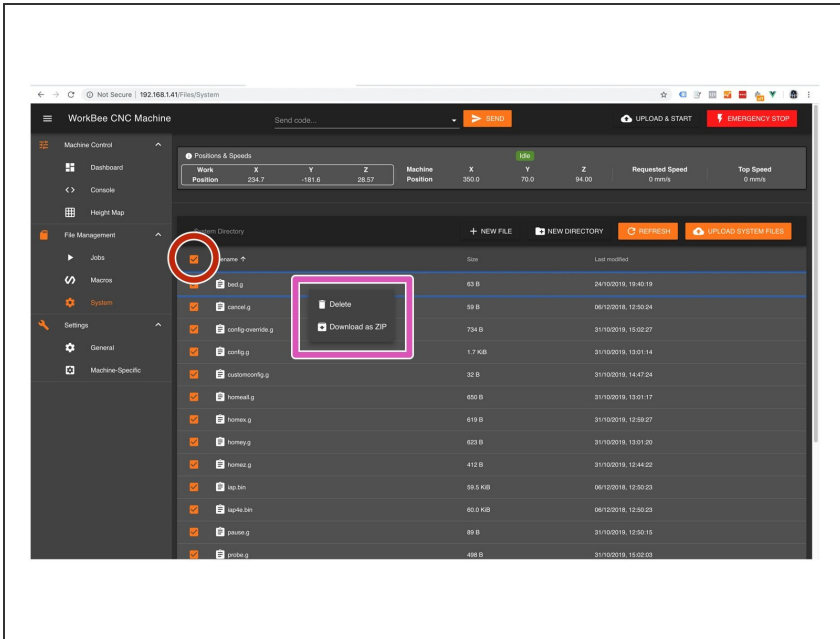
How To Update WorkBee Firmware

This guide will cover updating WorkBee firmware from a previous version.

Written By: Ryan Lock



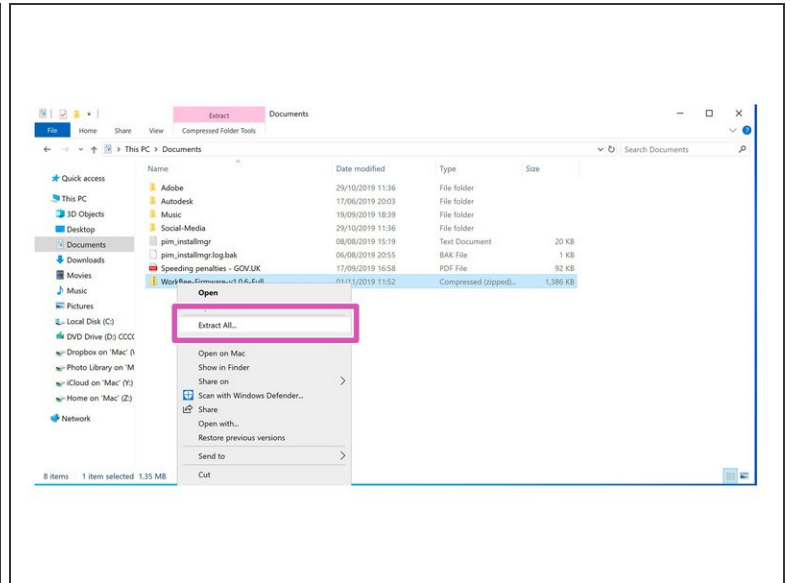
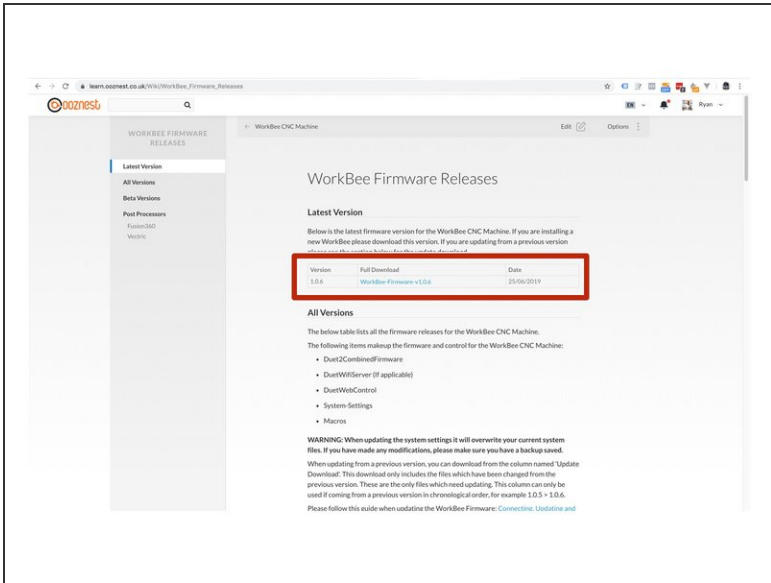
Step 1 — Backup System



⚠ Only follow this guide if you are updating WorkBee Firmware from a previous version. If installing from new please follow these guides: [3. Connecting and Commissioning - V2.0](#)

- Navigate to File Management > System. Select all files using the top selection box.
- Right click on any file and press Download as ZIP.
- Keep this ZIP file somewhere safe on your computer.
- Navigate to File Management > Macros. Repeat the above steps.

Step 2 — Download Latest Firmware

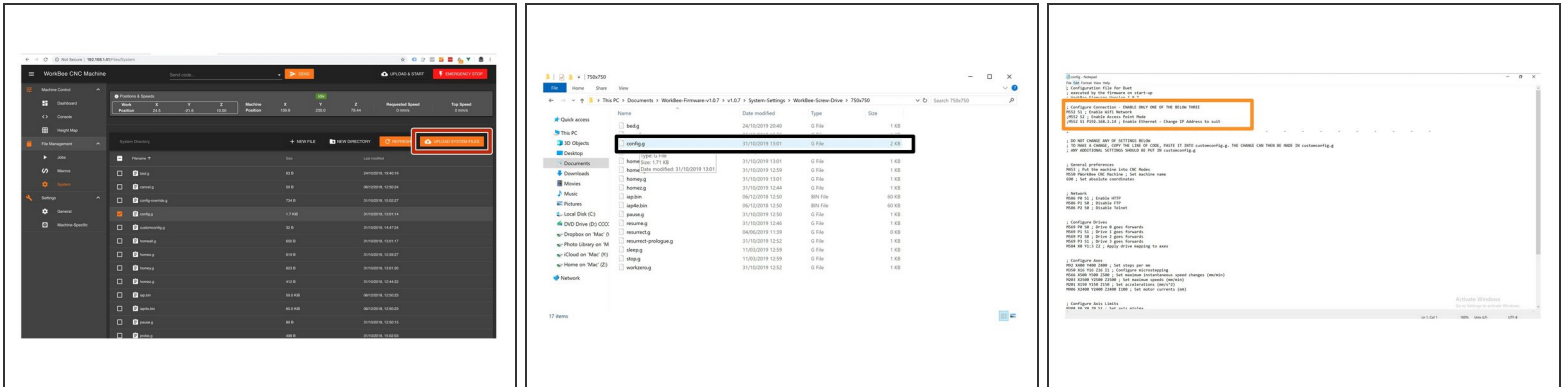


● Follow this link and download the latest firmware at the top of the page.

● Unzip the folder to somewhere on your computer.

⚠ Do not unzip any folders inside this one.

Step 3 — Upload System Settings



- In WorkBee Control Press 'Upload System Files' Under File - Management > System. Navigate to the newly extracted WorkBee firmware folder, navigate to System Settings. Choose the Machine Drive and Size folder. Once the folder is open right click on config.g and click edit.
- Insure the Network settings are correct for your setup.
 - ☑ For Wifi connected to an external network, no changes are needed.
 - ☑ For Wifi Connected as an Access Point, add a semicolon in front of M552 S1 and remove the semicolon from the front of M552 S2, save and close this file.
 - ☑ For Ethernet Connected directly to a computer, add a semicolon in front of M552 S1 and remove the semicolon from the front of M552 S1 P192.168.2.14, change the IP Address to suit.
 - 📁 If you don't know what your network settings are, you can open config.g from the backup files downloaded in Step 1.
- Save and close config.g. Except from customconfig.g select all files inside that folder, and click open to upload them to the Duet.
 - ⚠ The controller should reboot automatically after the upload is complete. If not please press the emergency stop button to force restart the controller.

The screenshot displays the WorkBee CNC Machine web interface. The left sidebar contains navigation options: Machine Control, Dashboard, Console, Height Map, File Management, Jobs, Macros, System, Settings, General, and Machine-Specific. The main area is titled 'WorkBee CNC Machine' and includes a 'Send code...' input field with a 'SEND' button. Below this, there's a status bar showing 'Idle' and various speed metrics. The 'System Directory' table lists files with columns for filename, size, and last modified date. A red box highlights the 'UPLOAD SYSTEM FILES' button in the top right corner of the interface.

Filename	Size	Last modified
bed.g	63 B	24/10/2019, 19:40:19
cancel.g	59 B	06/12/2018, 12:50:24
config-override.g	734 B	31/10/2019, 15:02:27
config.g	1.7 KB	31/10/2019, 13:01:14
customconfig.g	32 B	31/10/2019, 14:47:24
homed.g	600 B	31/10/2019, 13:01:17
homen.g	618 B	31/10/2019, 12:59:27
homeny.g	623 B	31/10/2019, 13:01:20
homenz.g	412 B	31/10/2019, 12:44:22
lap.bin	59.5 KB	06/12/2018, 12:50:23
lapke.bin	60.8 KB	06/12/2018, 12:50:23
probe.g	89 B	31/10/2019, 12:50:15
probe.g	488 B	31/10/2019, 15:02:03

- Repeat the above, but this time for DuetWifiServer.bin (If applicable)
- Do not do this step if you have the ethernet version.
- Repeat the above, but this time for WorkBeeControl.zip

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