The first part of these instructions explains how to obtain the software update from the website and store it on a USB Flash Drive. The second part is using this USB Flash Drive to load the software update into the Dynasty system.
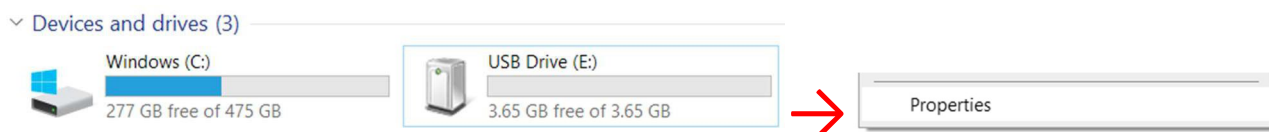
Part 1: Obtaining the Software Update

The following procedure uses File Explorer in Microsoft Windows 10. Other file-unzipping applications steps may be different.

1. Insert a **_blank_** USB Flash Drive into an available USB port on the computer.

2. Press the Windows key to open the Start Menu, then start typing **_This PC_** and click on its icon when it appears to open *This PC* in File Explorer. Earlier Windows versions have *My Computer* instead of *This PC*.

3. Browse to *This PC*'s **_Devices and drives_** section, right-click on the inserted USB Flash Drive, and right click on **_Properties_**.

4. If the file system <u>is</u> Fat32 or Fat then continue on to step 6, If not then continue on with step 5.

5. Complete these next few steps *only if* the USB Flash Drive's file system is **_exFAT_** or **_NTFS_**:
    a. Right-click on the USB Flash Drive and click on **_Format..._** in the pop-up menu.
    b. In the window that opens, choose **_FAT32_** from the drop-down list, then click the Start button.
    c. Click the Close button after formatting is complete.
    d. Repeat steps 3 and 4 to verify the file system is now *FAT32*.
    e. If *FAT32* isn't listed in the Format window, try using a smaller USB Flash Drive (32GB or less).

6. Use a web browser and connect to the Millerwelds.com-Support-Software page:
    https://www.millerwelds.com/support/software

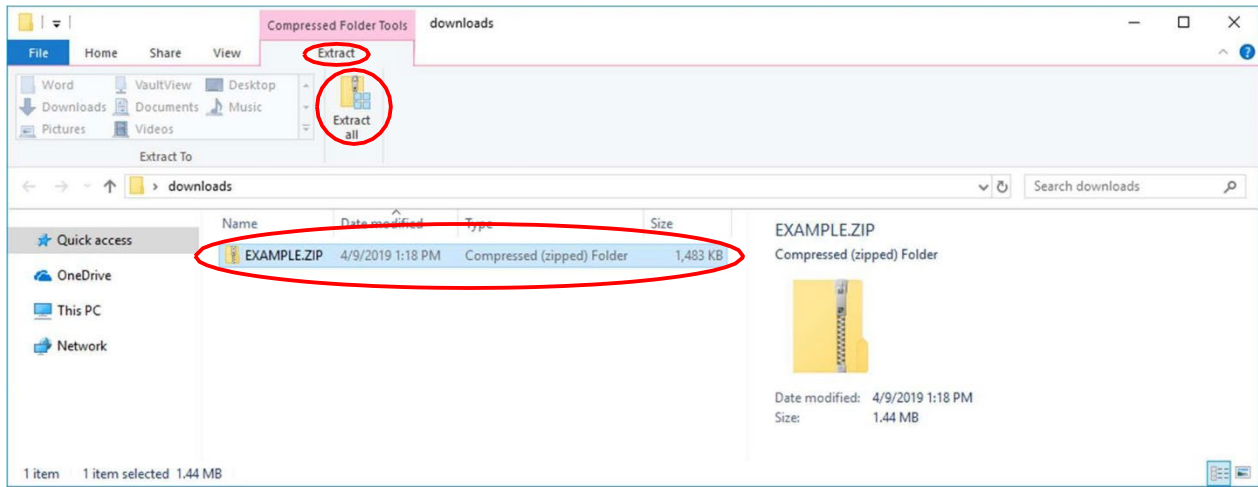7. Navigate to the TIG Software Update page.

8. Click on the **_Download Latest Software Update_** link and then click the **_Save_** button when it appears to save the file.
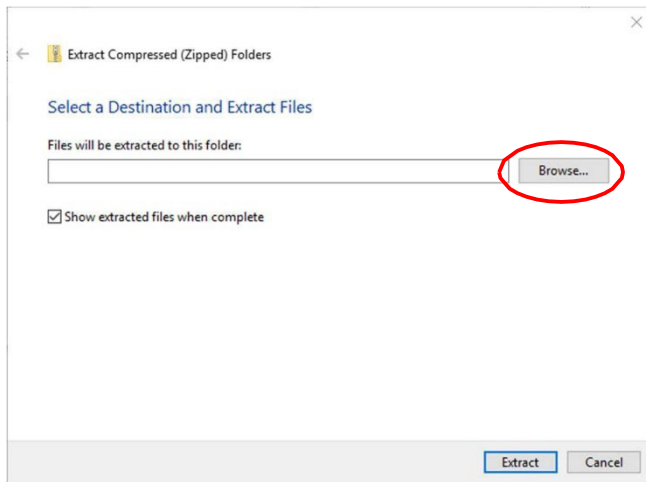

9. After download has completed, click the **_Open folder_** button to open the computer's **_Downloads_** folder.
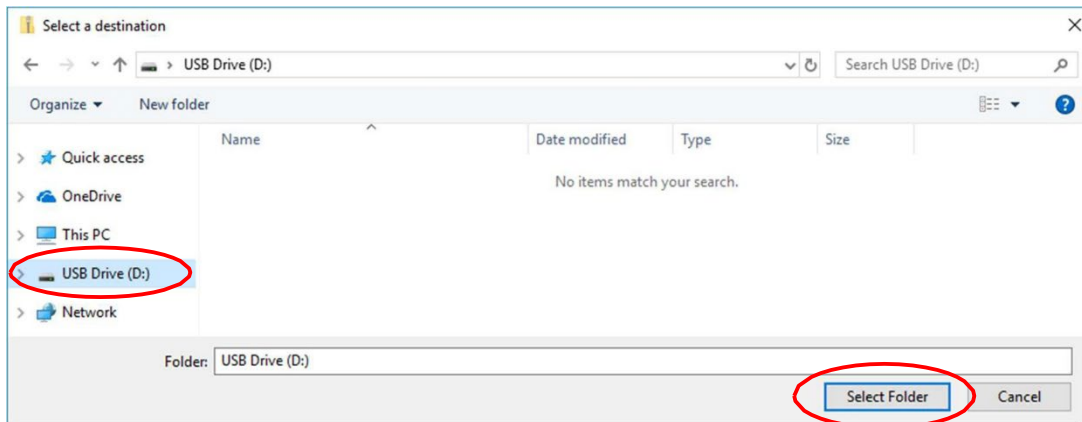

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10. Click on the downloaded _**ZIP**_ file to select it.

11. Click the _**Extract**_ tab under _**Compressed Folder Tools**_.

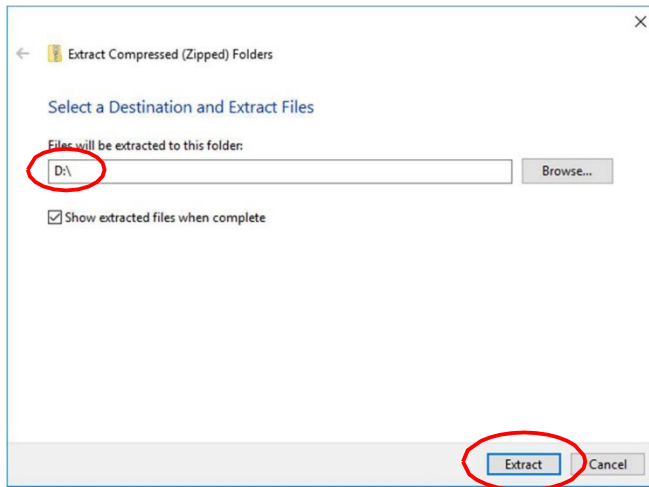12. Click the _**Extract all**_ button.

13. The _**Select a Destination and Extract Files**_ window will open. Click the _**Browse**_ button.

14. The _**Select a Destination**_ window will open. Choose the desired _**USB Drive**_ and click the _**Select Folder**_ button.
The drive letter and description may vary.

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15. The **_Extract Compressed (Zipped) Folders_** window will open. The selected drive will be shown. Click the **_Extract_** button. The extraction process will begin and take several seconds.

16. The **_USB Drive_** window will open, displaying the firmware update files on the USB Flash Drive.

17. The USB Flash Drive has been successfully loaded with the TIG Software Update.

18. Close any related windows that remain open.

19. Click on the **_Safely Remove Hardware and Eject Media_** icon near the right corner of the Windows Taskbar.
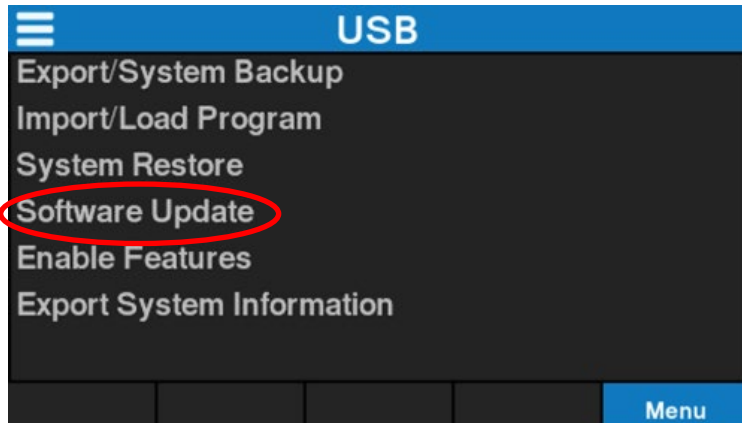

20. Click on **_Eject USB DISK_**.

21. The computer will display **_Safe to Remove Hardware_**.

22. Unplug the USB Flash Drive from the computer.

Part 2: Loading Software Update into Dynasty 210/300

23. Power the machine on and wait approximately 10 seconds to ensure the machine has fully booted up. Insert the USB Flash Drive into the machine.

24. The *USB* window will open. Rotate the control knob to the *Software Update* option and push the control knob in to select option.
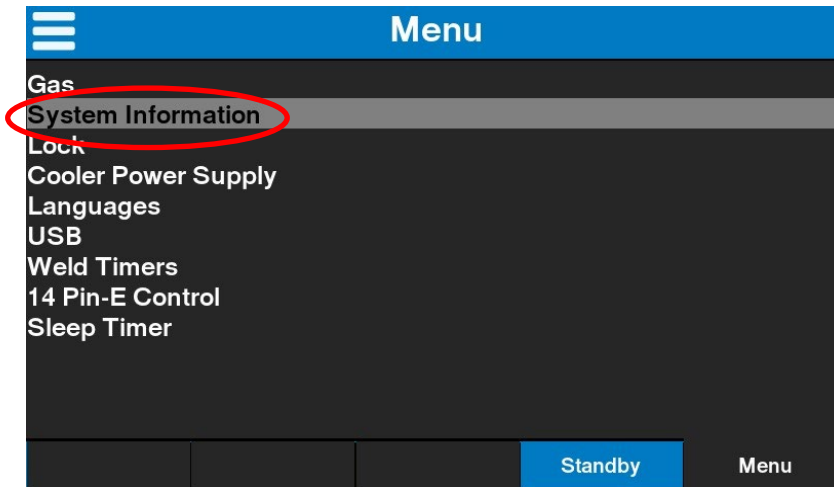

25. After the *Software Update* option has been selected, the screen will display "System Software Update in Process DO NOT remove power." Do not remove power during the update process.
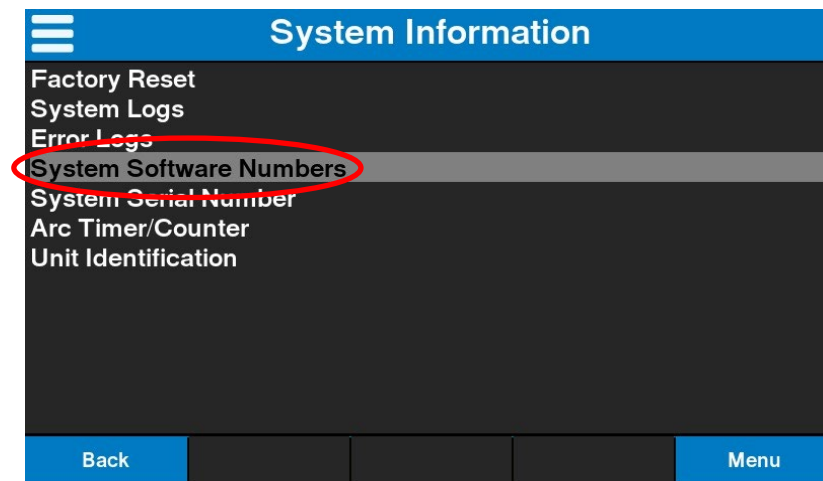

26. The screen will display "System Software update done Please cycle power" after the software update is done. Remove the USB Flash Drive from the machine and turn the machine off. Wait for the fan motor to stop spinning before turning on the machine on. Upon power up, the machine will apply the software updates. This may take a few seconds to several seconds.

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27. To verify the machine software has been successfully updated, navigate to the **Menu** window and rotate the control knob to the **System Information** option and push the control knob in to select option.

28. The **System Information** window will open. Rotate the control knob to the **System Software Numbers** option and push the control knob in to select option.

29. The **System Software Numbers** window will open and display the software revision for each printed circuit board and the overall system software**.** If the displayed software revisions match the downloaded software revisions, the machine software has been successfully updated.