



Perform a Sherline/MASSO Software Upgrade

Provided with your MASSO controller is a USB drive with backup software.

1. The software is in a folder named with the serial number for your controller (see Figure 1 below).

In this instance below, the folder is 5A-3019.

Name	Date modified	Type	Size
5A-3019	9/27/2019 10:26 AM	File folder	
massos sample programe	9/27/2019 10:55 AM	File folder	
MASSO_Settings		HTG File	1 KB
MASSO_Tools		HTG File	2 KB

FIGURE 1

2. In this folder you will find the backup software and a data file (see Figure 2).

Name	Date modified	Type	Size
00003019	7/24/2019 7:33 AM	HTG File	481 KB
Data1	7/24/2019 7:33 AM	HTG File	52 KB

FIGURE 2

3. Copy these two files to the root directory of the USB drive (see Figure 3).

NOTE: The files must be loaded into the root directory or the controller will not see them.

Name	Date modified	Type	Size
5A-3019	9/27/2019 10:26 AM	File folder	
massos sample programe	9/27/2019 10:55 AM	File folder	
00003019	7/24/2019 7:33 AM	HTG File	481 KB
Data1	7/24/2019 7:33 AM	HTG File	52 KB
MASSO_Settings		HTG File	1 KB
MASSO_Tools		HTG File	2 KB

FIGURE 3

4. With the power off on the controller, install the USB drive into the USB port.

Then turn the power on. The software will start to install. When the installation is complete you will see the screen in Figure 4.

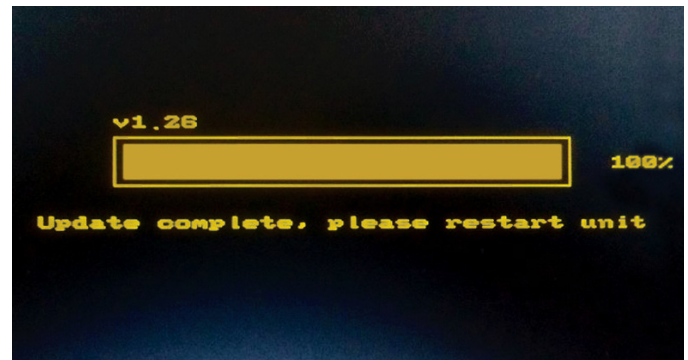


FIGURE 4— Wait for the load bar to reach 100%.

Turn the controller off, wait a few seconds, then turn the controller back on. Your software restoration is complete.

All software upgrades for your machine will come directly from MASSO. When you receive these upgrades, copy the attached files to a folder.

Sherline/MASSO Software Upload Instructions

1. Delete the file with the suffix “.HT1” from the flash drive; from this point on, we will describe this file as “00002096.HT1” wherein the number 00002096 is an arbitrary file number.

NOTE: Whenever MASSO reads the 00002096 file for an upgrade, it changes the file to 00002096.HT1 so it can't be read again. If your flash drive has not been used to do the upgrade, then the file will still be 00002096. You must remove any file that has .HT1 in it, in order to load the latest upgrade file in it's place.

Name	Date modified	Type	Size
masso 4 axis mill 3.31	6/27/2018 10:02 AM	File folder	
masso mill 4 axis upgrade	3/30/2018 8:12 AM	File folder	
MASSO Mill 4-Axis Update v3.34	7/16/2018 9:01 AM	File folder	
programs	6/27/2018 10:01 AM	File folder	
upgrade 3 28 18	3/28/2018 11:26 AM	File folder	
upgrade 3 39 18	3/30/2018 10:57 AM	File folder	
00002096.HT1	7/16/2018 11:43 AM	HT1 File	481 KB
Data1	7/16/2018 11:43 AM	HTG File	52 KB
masso documentation	3/23/2018 12:30 PM	Adobe Acrobat D...	24,411 KB
MASSO_Settings		HTG File	1 KB

FIGURE 5—The blue markers indicates the file to delete from the USB flash drive.

2. Open the most recent machine upgrade software folder on your PC (in this case, it is “3.34”).

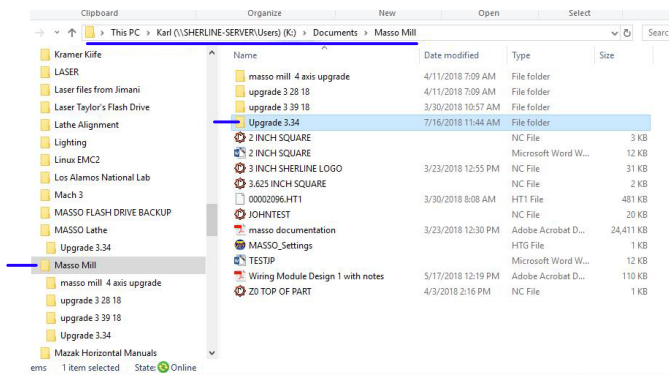


FIGURE 6

3. Load the 00002096 file onto the flash drive's Main Directory; do not load them into a folder on the flash drive or the controller will not read them (see Figure 7).

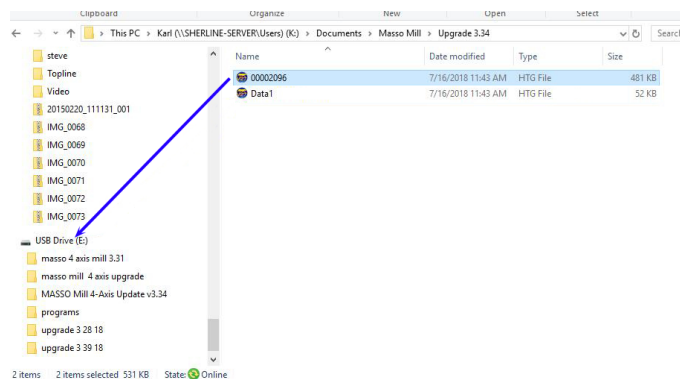


FIGURE 7—The blue arrow indicates the file to move onto the Main Directory of the flash drive.

4. Put the flash drive in the MASSO controller.
5. Turn on the power.
6. Wait for the load bar to reach 100%.
7. Turn the power off/on.
8. Type in the password (SP).
9. Press the E-stop on/off.
10. F1-Set up.