

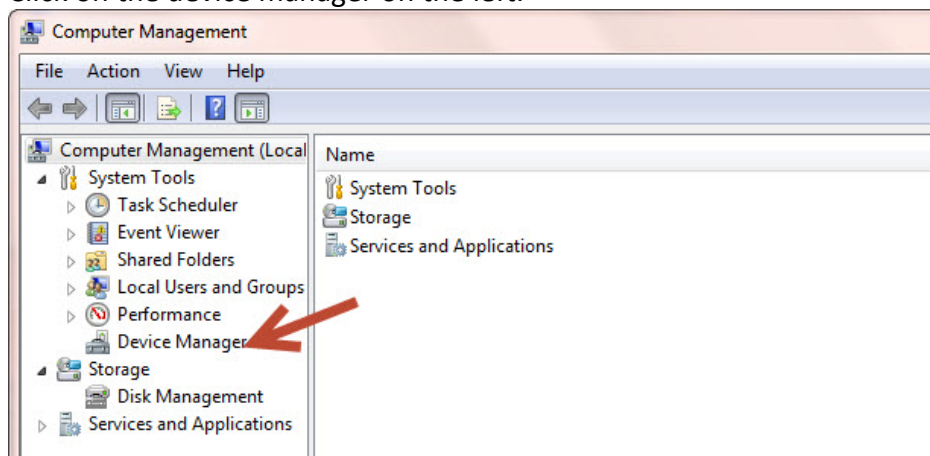
Updating the firmware on the E33, S43, S63 and S103

Requirements

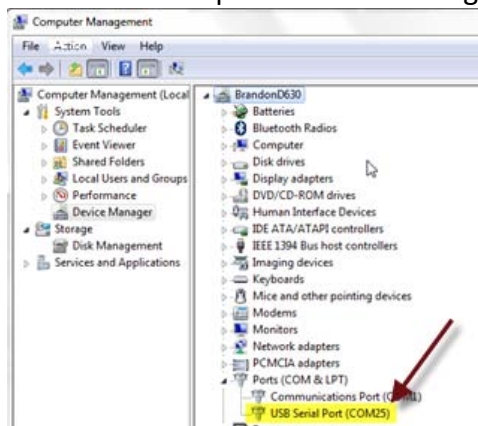
1. Firmware flash programmer application
2. Current firmware file (MHX file extension)

Process Steps

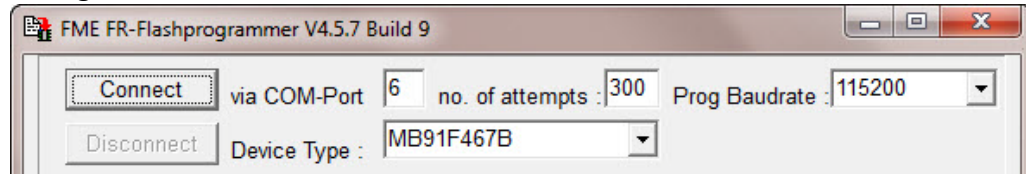
1. Install Flash programmer application.
 - a. The default location is on the C drive.
2. Identify which comport is assigned to the milling machine.
 - a. Right click on your "my computer" icon and select manage.
 - b. Click on the device manager on the left.



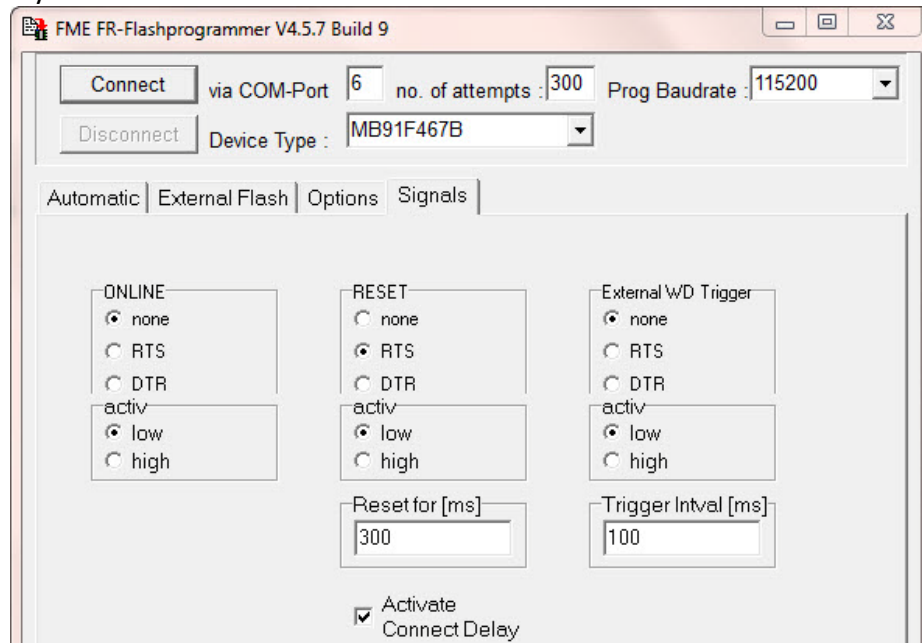
- c. Expand the ports tree.
- d. Note which comport number is assigned to the USB converter.



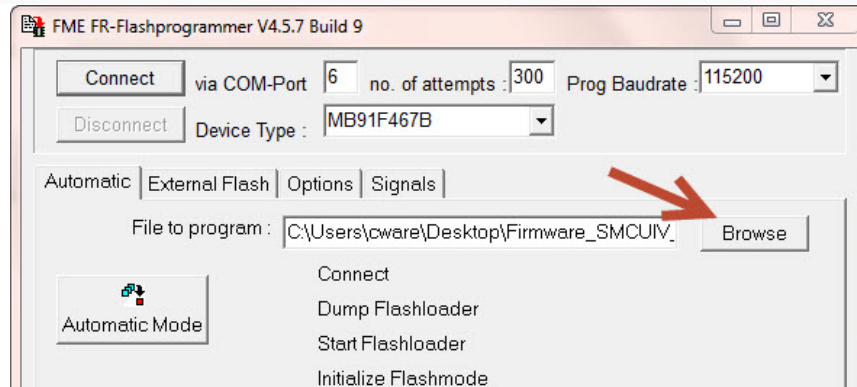
3. Turn on the milling machine. Circuit Pro must be closed.
4. Launch Firmware programmer application.
5. Adjust the header information.
 - a. Enter the comport number that is assigned to the USB converter.
 - b. The device type is MB91F467B.
 - c. Change the number of attempts from 30 to 300.
 - d. Change the baud rate to 115200.



6. Adjust signals data.
 - a. Go to the signals tab.
 - b. Change the reset key to RTS, reset value to 300 and enable the “activate connect delay” check box.



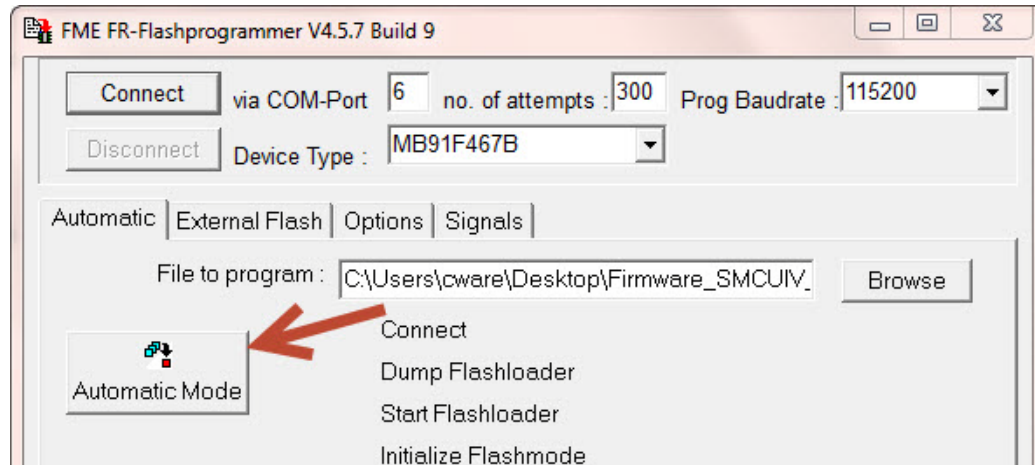
7. Load the necessary firmware.
 - a. Go to the automatic tab.
 - b. Click on the browse button.



- c. Direct the software to the location of the firmware file (MHX file extension)
- d. Press open.

8. Run the application.

- a. Press the Automatic mode button.



- b. Press the quit button.

9. Process complete.