

GERBER EDGE FX™ Firmware Version K.0 (build 17)

This document contains the release notes for the GERBER EDGE FX firmware.



Required Software

- Gerber OMEGA™ software version 2.1 or later.
- Microsoft® Internet Explorer version 5.5 or later.

Updating the GERBER EDGE FX Firmware

IMPORTANT NOTE: When updating to version K.0 from D.0 firmware or earlier, non-volatile memory will be reset to FACTORY DEFAULTS. This is due to a change in non-volatile memory's structure in Flash memory. Therefore, settings such as Network Settings will be reset to their factory default values. However, updating K.0 from E.0 or later will not cause a reset to FACTORY DEFAULTS. If you are updating from version D.0, make note of your Network Settings so that you may return them after the update.

IMPORTANT NOTE #2: Edge FX firmware version J.1 or later is required when using the latest printed circuit boards (PCB). Firmware version J.1 or later is required for both the leaded PCB (P79928D) and lead free PCB (P79784D). Earlier firmware versions (H.2 and earlier) are not compatible with these PCBs.

1. Click Download  to copy the self-extracting file (EdgeFX_K0_Build_17.exe) to your computer. Make note of the location of the downloaded file as you will need it in the next step.
2. Double-click the downloaded exe file (EdgeFX_K0_Build_17.exe) to unzip it. Make note of the location of the downloaded file (EdgeFX_K0_Build_17.gsp) as you will need it when updating the firmware.
3. At the GERBER EDGE FX, press F1 in the MAIN MENU to set the printer OFFLINE so that it is ready for the firmware update.
4. The GERBER EDGE FX firmware is updated via the GERBER EDGE FX web page. Open the GERBER EDGE FX web interface by entering the printer's IP address in the Location or Address line of your web browser (such as Microsoft Internet Explorer) or by clicking the Device Home Page  icon in the Add or Delete Vinyl Printers dialog box. The Welcome to GERBER EDGE FX screen displays.
5. Click the Update link to open the GERBER EDGE FX Update page. This page allows the firmware to be selected and sent to the GERBER EDGE FX.
6. Click the Browse button and navigate to the location of the downloaded GERBER EDGE FX firmware file (EdgeFX_K0_Build_17.gsp).
7. Click the Send button to send the update file to the GERBER EDGE FX over the network. Depending on the size of the file and the network connection this may take up to a minute or more.
8. When the firmware update is complete, a status page displays the results.

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Release Contents

The firmware release consists of several components which are grouped together into a single .GSP file. The version of each firmware component is listed in the chart on the next page.

Number	Firmware Component	Version
1	Release	K.0 (Build 17)
2	Application	K.0
3	Bootstrap	A.0
4	Bootloader	K.0
5	Language	H.0
6	FPGA	3.0
7	History Control	A.0
8	Fire File	140
9	RFID	2.15

Firmware features

- ◆ Fire File updated to version 140. This version updates the firings for Trans foils and Cobalt Blue foil for LexEdge II.
- ◆ Fixed bug with the way the cover sensor and cassette front and back sensors were reported in the web page diagnostics. Now they are reported in the same manner as in the front panel sensor test.
- ◆ Improved thermal management of the print head to prevent or reduce banding that sometimes occurred when the print head energy was adjusted during a job.
- ◆ Improved internal diagnostic print jobs. A lead-in was added to remove printing start-up artifacts.
- ◆ Fixed x-axis motor sync out problem.