

Date: 05/08/2026
Author: Robert Lutje
Distribution: Partners

DC-8600/PRO
SN-DC8600_002_Firmware_EN

New Firmware Version 50.01.00.00

A new firmware version **50.01.00.00** is available for the **DC-8600/PRO**. This version is based on 40.00.00.23 and **only works** with driver version **2.135.0.0 or higher!**

It is mandatory to use the driver and firmware together!

If the printer is updated to firmware version 50.01.00.00, it is no longer possible to return to firmware version 40.xx.xx.xx or 30.xx.xx.xx!

It is strongly recommended to perform the firmware update in **Root Mode**. Instructions are included in this documentation.

If the printer is running firmware version **30.xx.xx.xx**, the upgrade to upper firmware versions must be performed **step by step!**

First, install Bootblock 40.00.00.00 for the 40.xx.xx.xx firmware, followed by Firmware 40.00.00.23.

To upgrade to Firmware 50.01.00.00, **first** install Bootblock 40.01.00.00, and then install Firmware version 50.01.00.00.

It is **essential** to follow the instructions **step by step**, otherwise the mainboard may be damaged during the update.

The following changes and improvements are available when used together with the driver:

- Added support for the **optional DC-8600PRO SYSTEM BOARD**
- Added the option to clean the print roller from the **Cleaning Menu**
- Fixed an issue with **firmware upgrades via the web panel**.
- Added support for **silent driver and firmware installation**.
- The firmware is compatible with **SDK version 1.9.0.0** and above

It is recommended to update the printer to Firmware 50.01.00.00 and use Driver version 2.135.0.0 or higher.

Please verify the currently installed firmware version before proceeding!!!

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To update the DC-8600 from Firmware Version 30.xx.xx.xx to Firmware Version 40.00.00.23, download the Update Package DC8600_40.00.00.23.zip, extract its contents, and follow the steps below exactly as described.

IMPORTANT: Failure to follow the update procedure exactly may damage the printer's mainboard, requiring replacement.

If the printer is running Firmware Version 40.xx.xx.xx, download the DC8600_50.01.00.00.zip update package, extract its contents, and follow the steps below exactly as described.

Unzip the update package (Update Package DC8600_40.00.00.23.zip) into a folder on your PC. The following two firmware files are included in the zip file:

DC-8600v40.00.00.00_BT.mot and **DC-8600v40.00.00.23_FWFPGALCD.mot**

The update package (Update Package DC8600_50.01.00.00.zip) contains the following:

DC-8600v40.01.00.00_BT.mot and **DC-8600Prov50.01.00.00_FWSYSFPGANL.mot**

- Connect the printer to the PC via USB.
- Switch on the printer and press/hold the two buttons  &  below the display until you can see "UPDATING" on the touch screen, then release the buttons.



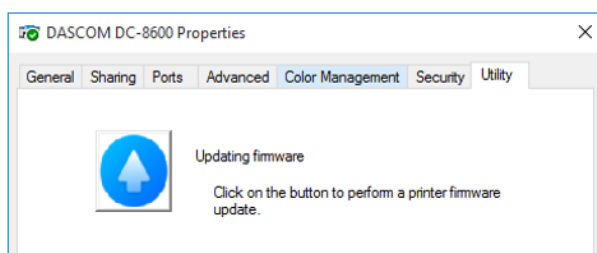
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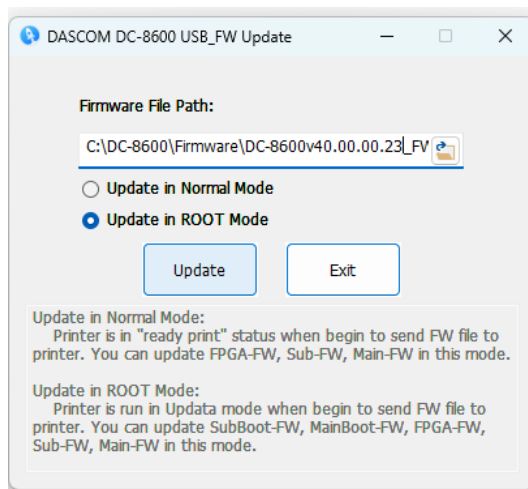
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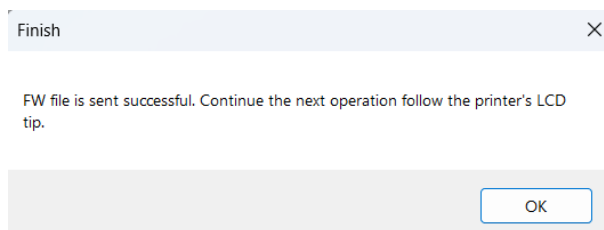
- Open printer properties of the DC-8600 driver. In the next step click on the **"Utility"** tab and then on **"Updating Firmware"** button.



- Choose the **first** firmware/Boot block **DC-8600v40.00.00.00_BT.mot** (Previously unzipped and saved on a local folder on your PC) which you need to update. Select the **Update in ROOT Mode** Button and click **"Update"** button.



- After the firmware file is sent successfully to the printer, the following window will pop up. Please confirm it with a click on the **"OK"** button.



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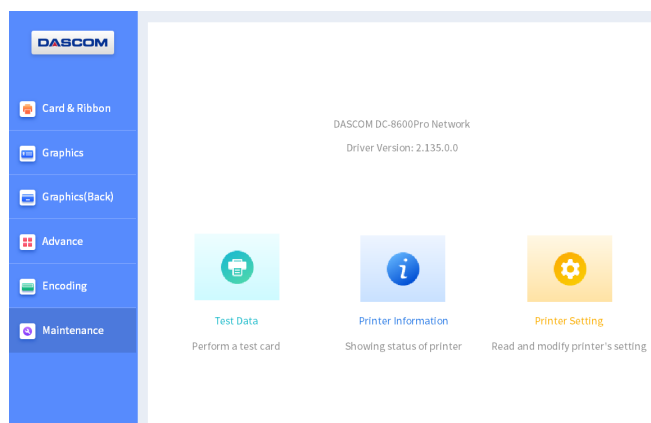
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- Now the FW Update Tool window can be closed by click the **"Exit"** button
- The printer will perform the update and reboot. Wait until "Ready" appears on the printer display.
- Then turn off the printer.
- Switch on the printer again and press/hold the two buttons  &  below the display until you can see **"UPDATING"** on the touch screen, then release the buttons.
- Go back to the **"Utility"** tab (DC-8600 driver properties)
- Choose the **second** firmware file **DC8600v40.00.00.23_FWFPGALCD.mot** (Previously unzipped and saved on a local folder on your PC) which you need to update also. Select the **Update in ROOT Mode** Button and click **"Update"**. When the update is finished, click **"Exit"**.
- The printer will perform the second upgrade and reboot. Wait until "Ready" appears on the printer display. Update procedure is completed now.
- Please also perform the same procedure with the aktual firmware.

To check whether the firmware has been installed correctly, please follow these steps:

- Open Printing Preferences of DC-8600 driver (**Version 2.135.0.0 or higher**)
- Choose **„Maintenance“** tab and click **„Printer Settings“** button.



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- In the “**Version Info**” menu item you can see the currently loaded firmware and boot version, which should contain the following information:

Item	Status	Units	Attribute
Master Version	50.01.00.00		R
Main Version	40.01.00.00		R
Main BOOT	40.01.00.00		R
FPGA Version	01.00.00.00		R
LCD Version	01.01.00.00		R

We recommend to upgrade DC-8600/PRO printers with lower driver and firmware releases.

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