

**Date:** 02/10/2025  
**Author:** Robert Lutje  
**Distribution:** Partners

**DC-8600**  
SN-DC8600\_001\_Firmware\_EN

## New Firmware Version 40.00.00.23

A new firmware version **40.00.00.23** is available for the **DC-8600**. This version is based on 30.00.01.0A and **only works** with driver version **2.127.0.0 or higher!**

**It is mandatory to use the driver and firmware together!**

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

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

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:

- **Improved network behavior:** Only **Port 9100** is used on the network
- Improved **Twice Transfer Printing** (Increase of card life time -borderless)
- **Enhanced color management** (More options, including AdobeRGB)
- Easier and simplified **tray selection with tray linking**
- **Improved temperature management** and control of the heater fan

**AUTO =>** The fan runs during printing and switches off approximately 5 seconds after the print job ends.

**This is the recommended setting and is set by default.**

**OFF =>** The fan only runs when the printer overheats (Only to be used for small individual print jobs).

**ON =>** the fan runs continuously

- Driver/firmware supports **silent installation** now.
- Now printer supports **7 menu languages**
- The firmware is compatible with **SDK version 1.4.0.0** and above

**It is recommended to update the printer to firmware 40.00.00.23 and use driver version 2.127.0.0 or higher.**

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**To update the DC-8600 firmware to version 40.00.00.23, it is necessary to follow the steps below exactly. Otherwise, the printer's motherboard may be damaged and will need to be replaced!!!**

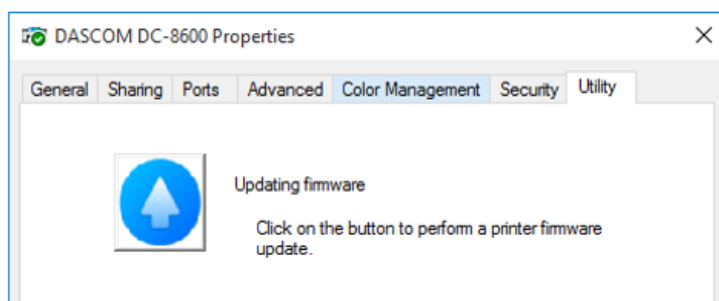
Unzip the update package (Update Package DC8600\_40.00.00.23.zip) into a folder on your PC. The following two firmware files are included in the zip file:

**DC-8600v40.00.00.00\_BT.mot** and **DC-8600v40.00.00.23\_FWPGALCD.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.



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



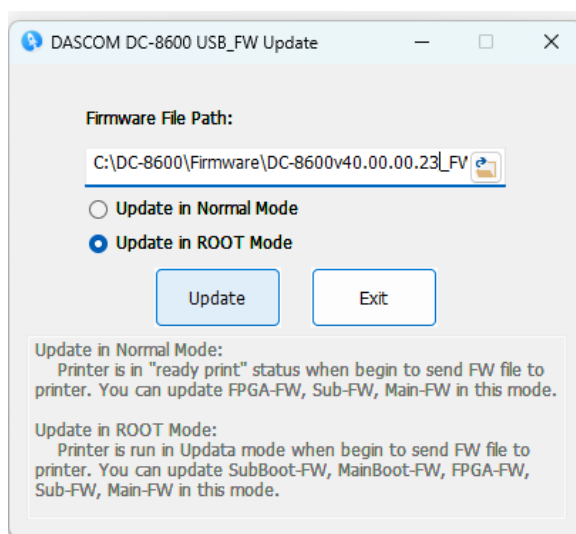
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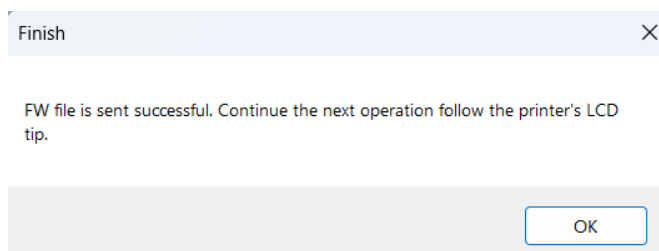
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- Choose the **first** firmware/Boot block **DC-8600v40.00.00.00\_BT.mot** (Previously unzipped and saved on a local folder on your PC) which you need to update. Select the **Update in ROOT Mode** Button and click **"Update"** button.



- 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.





- 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.

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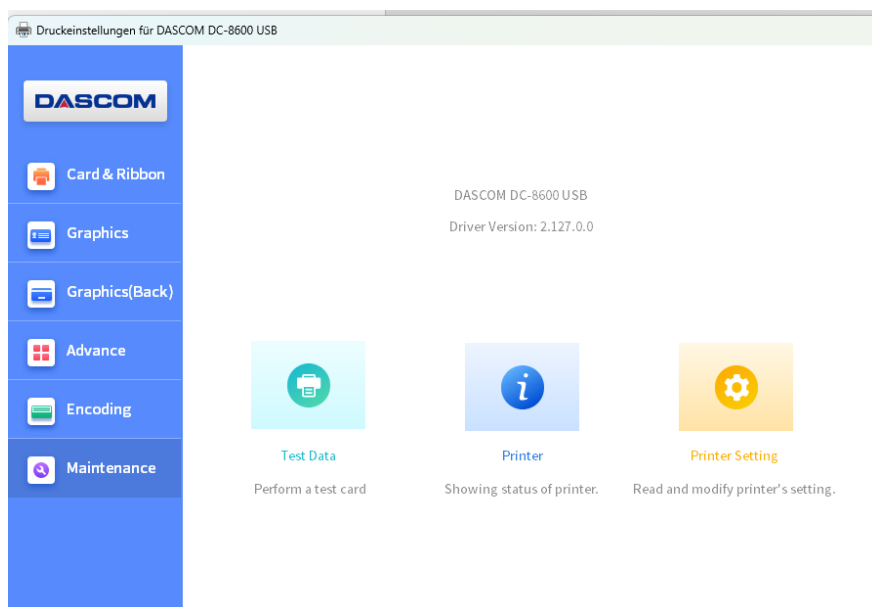
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- Switch on the printer again and press/hold the two buttons  &  below the display until you can see **"UPDATING"** on the touch screen, then release the buttons.
- Go back to the **"Utility"** tab (DC-8600 driver properties)
- Choose the **second** 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.

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

- Open Printing Preferences of DC-8600 driver (**Version 2.127.0.0 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
<a href="#">Main Version</a>	<a href="#">40.00.00.23</a>		<a href="#">R</a>
Main BOOT	40.00.00.00		R
FPGAVersion	00.00.00.69		R
LCD Version	01.00.01.21		R

- Now you can use the features described in Service Note SN-DC8600\_Firmware\_001\_DEU on the DC-8600.

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

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