

Update of the BERNINA Q-matic System Software and the BERNINA Q 20 / Q 24 Firmware

To update the Q-matic system software and machine firmware two steps are necessary in the following sequence:

- A. Install the Q-matic Software Package on the Touch PC.
- B. Update the BERNINA Q 20 / Q 24 Machine Firmware.

A. Install the Q-matic Software Package on the Touch PC

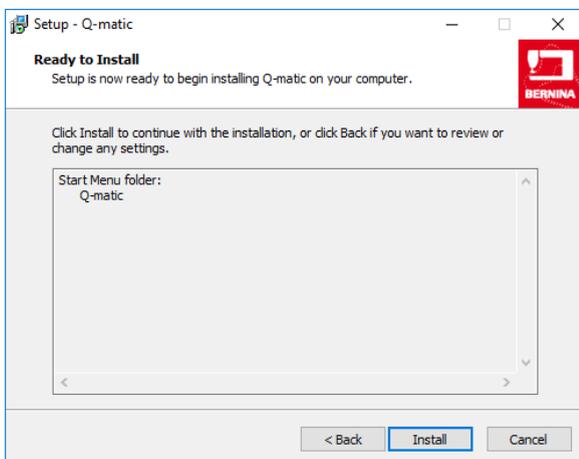
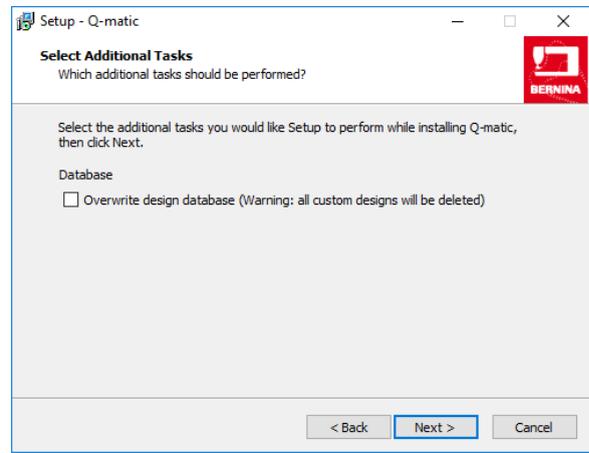
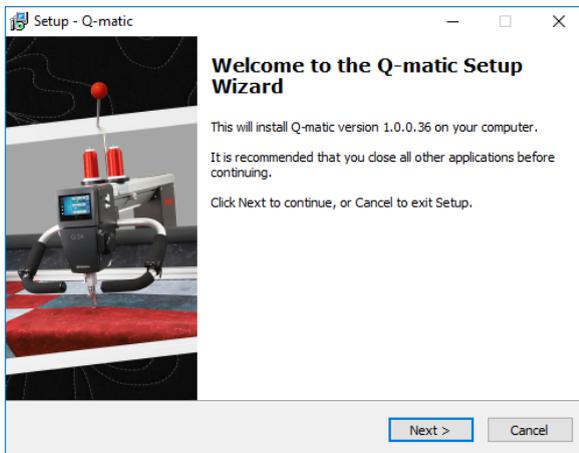
Part A will install all necessary software updates for the Q-matic system:

- Q-matic PC application version 1.0.0.36 including the basic set of 271 quilt designs (including 39 new designs)
- Q-matic controller firmware version qcs4239v105

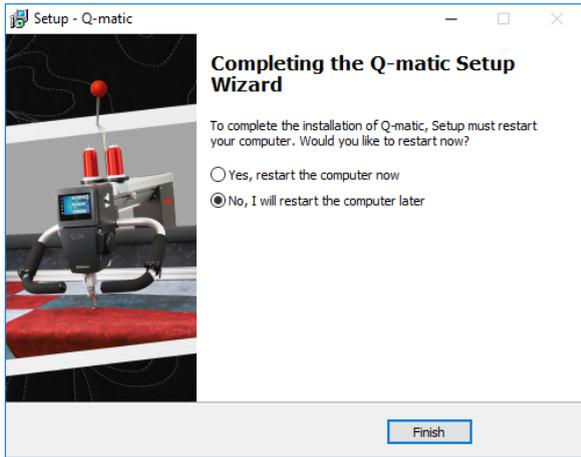
Tip: The installer will not alter or delete any existing quilt designs on your PC. Nevertheless, it is strongly recommended to create a backup of your current quilt design database before the installation process starts. The necessary steps are described in the Q-matic user manual.

To install please proceed with following steps:

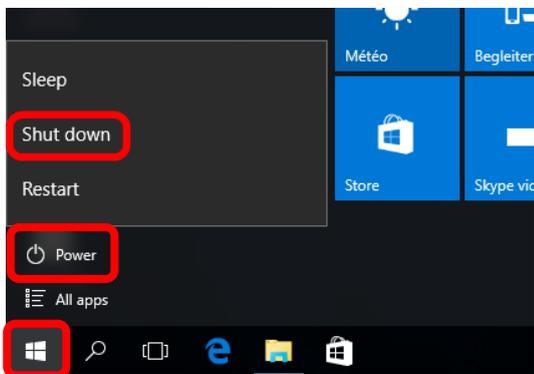
1. Download the installer on a separate PC (*Q-matic-PC-Setup_1.0.0.36.zip*)
2. Unzip the installer onto your empty BERNINA USB stick.
3. Plug the USB stick in one of the available USB ports of your Q-matic PC.
4. Open the USB stick folder. Wait until the file on the stick has been recognized. This may take a minute.
5. Make sure the control cabinet is powered on and is properly connected to the PC (check green status LED of the control cabinet).
6. Start the installer: *Q-matic-PC-Setup_1.0.0.36.exe*.
7. Click **“Yes”** when asked whether to allow the changes made by this installer.
8. Follow the messages of the installer and use all the default settings during the installation process!
(Just some of the messages are shown below. Additional ones may appear! Please use in any case the default settings)



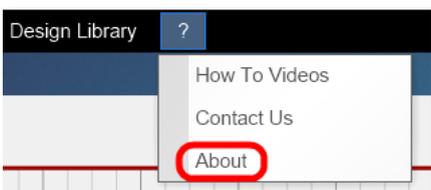
- Wait until the installer asks to finish the installation. Select **“No, I will restart the computer later”**.



- Close all open windows, manually shut down the Windows operating system and wait until the PC is completely powered down.



- Switch off the control cabinet by means of the main switch. (Do not use the emergency button!)
- Switch on the control cabinet and afterwards the PC.
- Start Q-matic.
- Check the correct software and firmware versions in **“About”** of the Help menu:



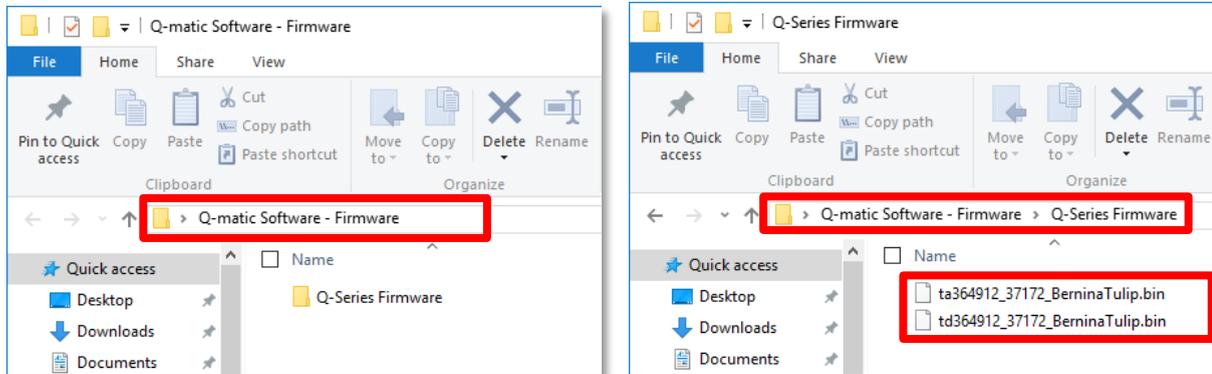
- Q-matic software version: **1.0.0.36**
- Q-matic firmware version: **qcs4239v105**



B. Update the BERNINA Q 20 / Q 24 Machine Firmware

Part B will install all necessary firmware files on your BERNINA Q 20 / Q 24:

- The installer created a folder with the BERNINA Q 20 / Q 24 firmware files on your Windows desktop:
 - File "*ta364912_37172_BerninaTulip.bin*" in folder "*Q-matic Software - Firmware\Q-Series Firmware*"
 - File "*td364912_37172_BerninaTulip.bin*" in folder "*Q-matic Software - Firmware\Q-Series Firmware*"



- Copy both *.bin files (*ta364912_37172_BerninaTulip.bin* and *td364912_37172_BerninaTulip.bin*) onto your empty BERNINA USB stick and plug it into the USB slot of your BERNINA Q 20 / Q 24.
- Start the standard Q 20 / Q 24 update process by proceeding with following steps:

> Touch the icon «Home»: 

> Touch the icon «Setup-Program»: 

> Touch the icon «Machine settings»: 

> Touch the icon «Maintenance/Update»: 

> Touch the icon «Updating the machine»: 

> Touch the icon «Update» to start the update process: 

- As soon as the firmware update has finished, check the correct Q 20 / Q 24 firmware version on the machine: **V36.49.12**

