How to update the firmware for Cutting Plotters

The firmware of Cutting plotters is able to update by the UPDATE.exe.

This instruction is explaining by based on the WINDOWS 7 menus.

1. Preparations before the firmware update

(1)   Unzip the firmware update file with your PC.

(2)   The following files are contained in the firmware update files for each model.

Model	Firmware file	Update EXE file	DLL file	Manual file
CE6000-40/60/120	CE6000_V***.x			
CE6000-120AP	CE6000AP_V***.x			
CE6000Plus-40/60/120	CE6000Plus_V***.x			
Craft ROBO Pro S (CE5000-40-CRP)	CE5000CRP_V***.x			
CE5000-60/120	CE5000_V***.x			How to update
CE5000-120AP	CE5000AP_V***.x			firmware for Cutting
FC8600	FC8600_V***.x	UPDATE.EXE	GITKPRNP.DLL	plotters.pdf (This
FC8000	FC8000_V***.x			instruction manual.)
FCX2000	FCX2000_V***.x			
FCX4000	FCX4000_V***.x			
CE LITE-50	CELITE_V***.x			
FC2250	FC2250_V***.x			
FC4500/FC4510/FC4550	FC4500_V***.x			

(The "*" of firmware file name is showing the version number.)

Example (Firmware for the FC8000) : FC8000_V290.x

Note: The plotter will not be guaranteed if this "UPDATE.EXE" and other files are edited by the editing software.

Do not edit the "UPDATE.EXE" and other files.

2. How to update the firmware

Confirm the Cutting Plotter and the PC are connected via the USB cable.

And confirm the Cutting Plotter is ready to use via the USB port.

(The firmware is not able to update via the LAN port.)

Please exit from the Cutting Master 3 or the Graphtec Studio when the Cutting Master 3 or the Graphtec Studio is running on the PC.

The updating procedure is different by each models, update the firmware by the procedure below.

CE6000-40/60/120/CE6000-120AP/CE6000Plus-40/60/120/FC8600/FCX2000/FCX4000/

CE LITE-50

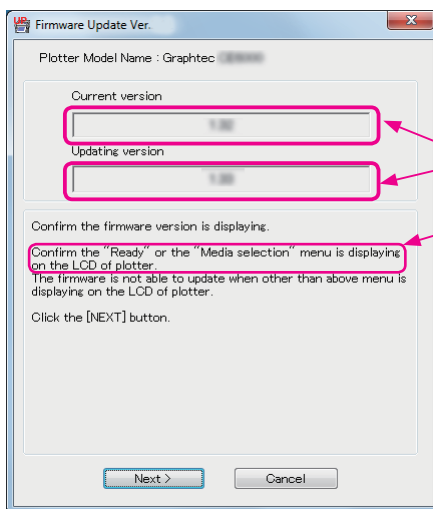(1)   Turn on the power for the cutting plotter.

Confirm the "Ready" or the "Media selection" menu is displaying on the LCD of plotter.

(For the CE LITE-50: Confirm the "Home" menu is displaying on the LCD of plotter.)

(2)   Double click the "UPDATE.EXE" to run the updating software.
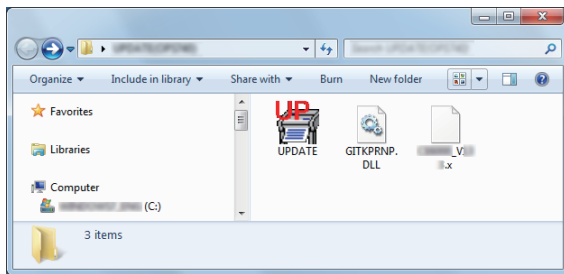
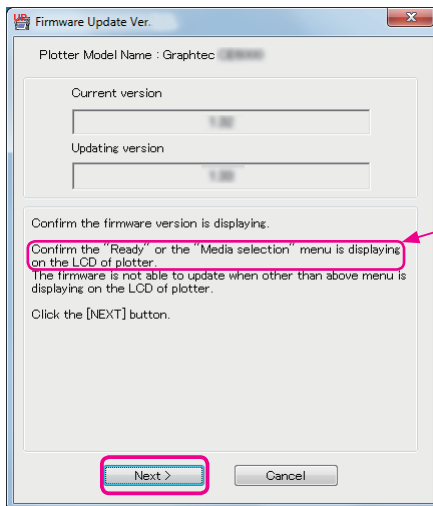(3)   The following menu is shown when the "UPDATE.EXE" started.

Confirm the firmware version.

For CE LITE-50:
Confirm the "Home" menu
is displaying on the LCD of
plotter.

(4)   Confirm the current firmware version of cutting plotter and the updating firmware version at above menu. The error will be displayed if these firmware are not matching with the cutting plotter connected.

Confirm the connecting plotter and firmware if the error was displayed.

(5)   Confirm the "Ready" or the "Media selection" menu is displaying on the LCD of plotter.

(For the CE LITE-50: Confirm the "Home" menu is displaying on the LCD of plotter.)

(6) Press the NEXT button when if the "Ready" or the "Media selection" menu is displaying on the LCD of plotter.

(For the CE LITE-50: Confirm the "Home" menu is displaying on the LCD of plotter.)

For CE LITE-50:

Confirm the "Home" menu

is displaying on the LCD of

plotter.

(7) Press the Update button.
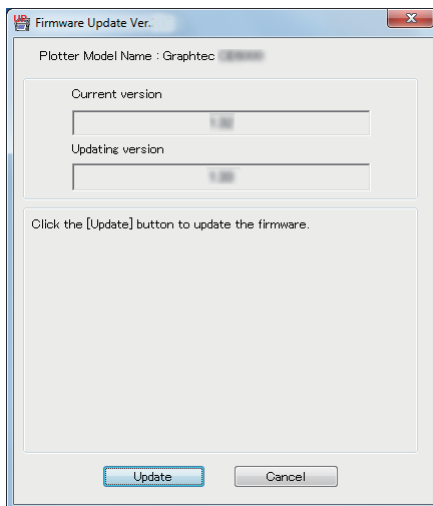
(8) The following menu is displayed during updating the firmware.

Don't turn OFF the power for the cutting plotter when the firmware is updating.

Don't unplug the USB cable from the PC and the cutting plotter when the firmware is updating.
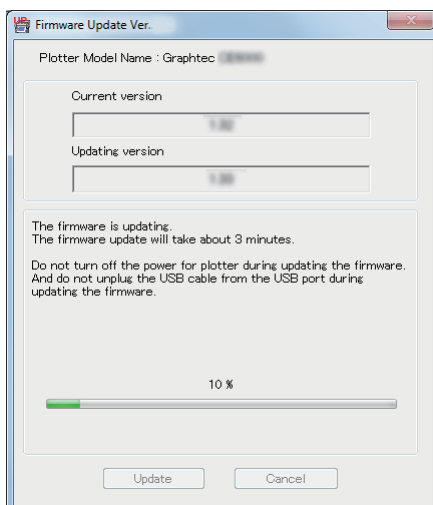
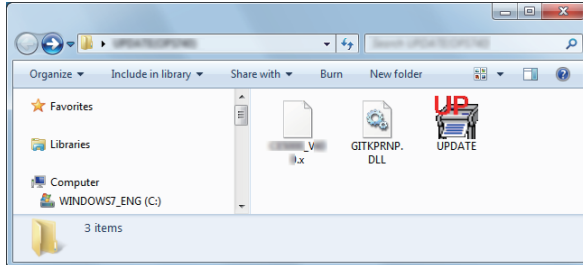(9) The following menu is displayed when the firmware updating is finished.
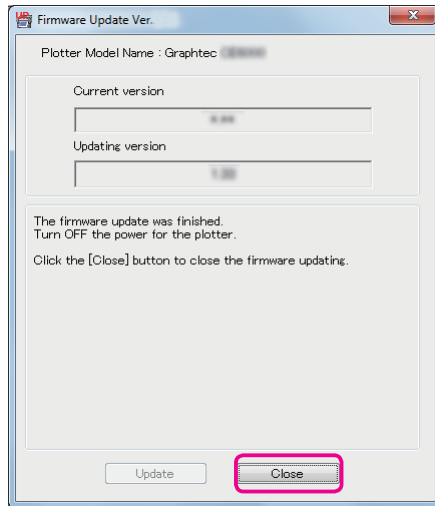
(10) Press the Close button to exit the Firmware Update software.

(11) Turn off the power for the cutting plotter.

(12) Turn on the power of cutting plotter and then confirm the version of firmware at LCD.

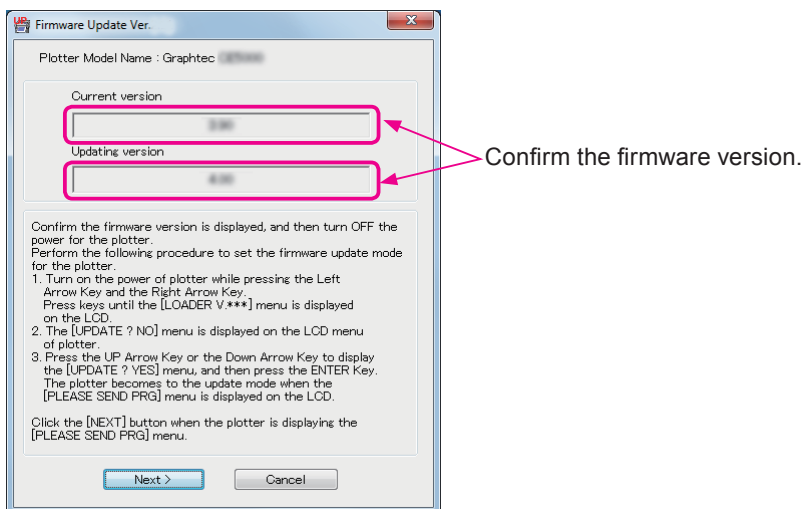The firmware version is displayed when the cutting plotter is initializing.

End

Craft ROBO Pro S (CE5000-40-CRP) / CE5000-60/120/CE5000-120AP/ FC8000

(1)   Set the media onto the cutting plotter, and then turn on the power for the cutting plotter.

The firmware is not able to update when the media is not set onto the plotter.

(2)   The media type select menu is displayed on the LCD of plotter.

(3)   Select the media type.

(4)   Double click the "UPDATE.EXE" to run the updating software.

(5)   The following menu is shown when the "UPDATE.EXE" started.


Confirm the firmware version.

(6)   Confirm the current firmware version of cutting plotter and the updating firmware version at above menu. The error will be displayed if these firmware are not matching with the cutting plotter connected.

Confirm the connecting plotter and firmware if the error was displayed.

(7)   Turn OFF the power for the cutting plotter when the firmware version is confirmed.

(8)   Turn ON the power for the plotter while pressing the Left Arrow Key and the Right Arrow Key.

Press keys until the [LOADER V.***] menu is displayed on the LCD.

(9)   "UPDATE ? NO" is displayed on the LCD menu.

(10)   Press the UP or Down Arrow Key to display the "UPDATE ? YES".

(11)   Press the ENTER Key, then "PLEASE SEND PRG" is displayed.
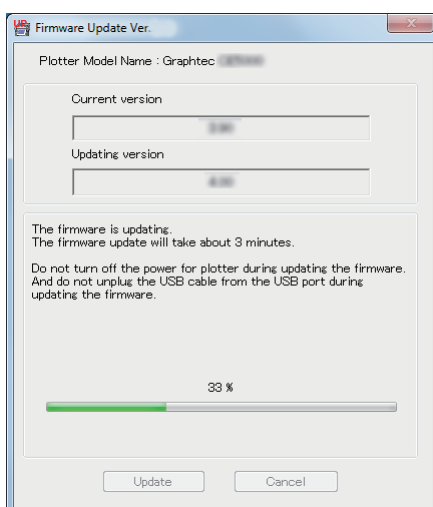
(12)   Press the NEXT button.
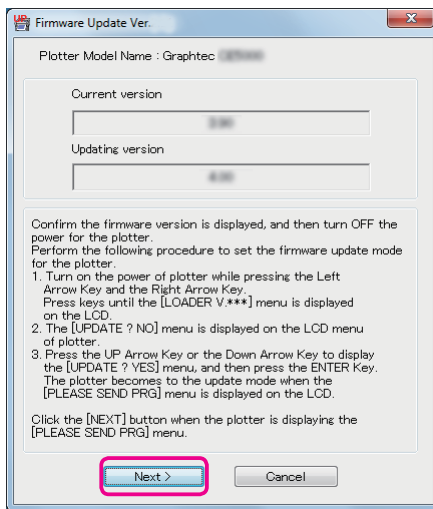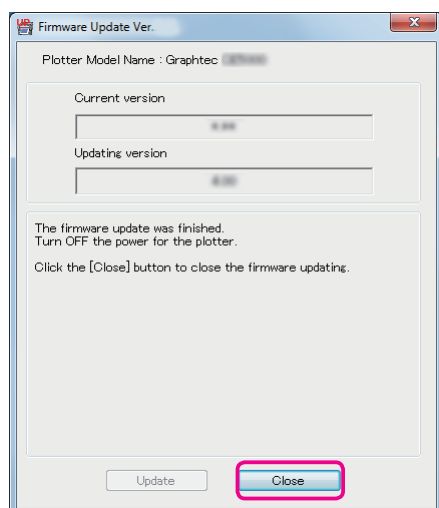

(13)   Press the Update button.
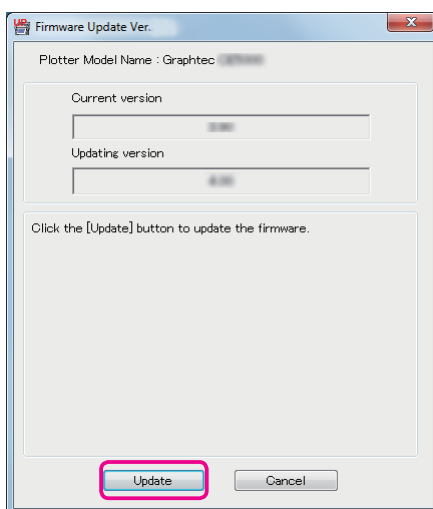
(14)   The following menu is displayed during updating the firmware.

Don't turn OFF the power for the cutting plotter when the firmware is updating.

Don't unplug the USB cable from the PC and the cutting plotter when the firmware is updating.

(15)   The following menu is displayed when the firmware updating is finished.

(16)   Press the Close button to exit the Firmware Update software.

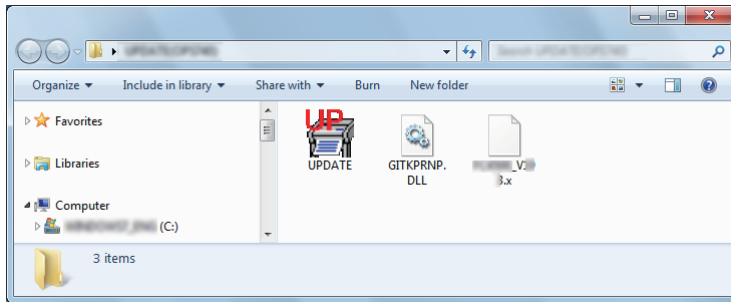(17)   Turn off the power for the cutting plotter.

(18)   Turn on the power of cutting plotter and then confirm the version of firmware at LCD.

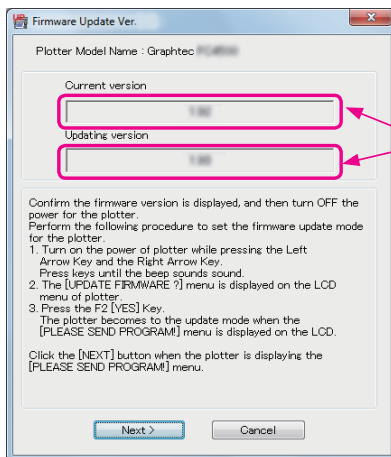The firmware version is displayed when the cutting plotter is initializing.

End

FC2250/ FC4500/FC4510/FC4550

(1) Turn on the power for the cutting plotter.

(2) Double click the "UPDATE.EXE" to run the updating software.

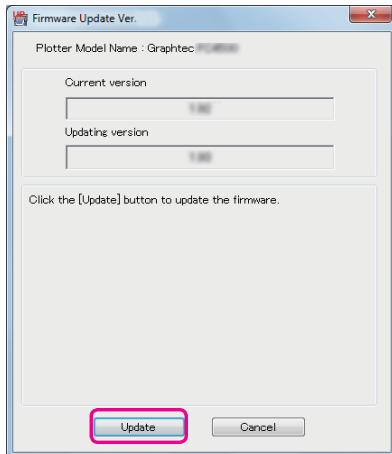(3) The following menu is shown when the "UPDATE.EXE" started.
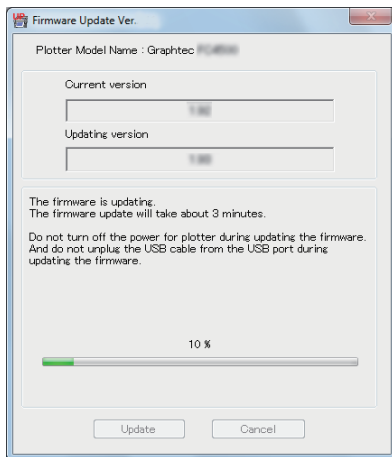

Confirm the firmware version.

(4) Confirm the current firmware version of cutting plotter and the updating firmware version at above menu. The error will be displayed if these firmware are not matching with the cutting plotter connected.

Confirm the connecting plotter and firmware if the error was displayed.

(5) Turn OFF the power for the cutting plotter when the firmware version is confirmed.

(6) Turn ON the power for the plotter while pressing the Left Arrow Key and the Right Arrow Key.

Press keys until the beep sounds sound.

(7) "UPDATE FIRMWARE ?" is displayed on the LCD menu.

(8) Press the F2 Key (YES).

(9) "PLEASE SEND PROGRAM" is displayed on the LCD menu.
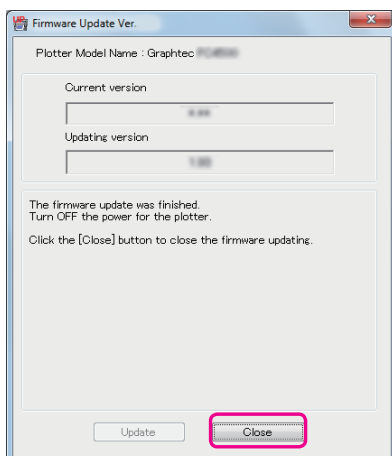
(10) Press the NEXT button.
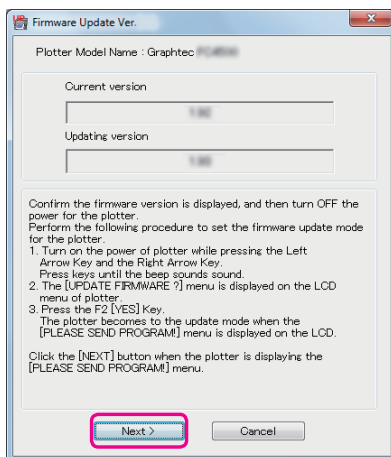
(11) Press the Update button.

(12) The following menu is displayed during updating the firmware.

Don't turn OFF the power for the cutting plotter when the firmware is updating.

Don't unplug the USB cable from the PC and the cutting plotter when the firmware is updating.

(13) The following menu is displayed when the firmware updating is finished.

(14) Press the Close button to exit the Firmware Update software.

(15) Turn off the power for the cutting plotter.

(16) Turn on the power of cutting plotter and then confirm the version of firmware at LCD.

The firmware version is displayed when the cutting plotter is initializing.

End