

OPERATOR STATION FIRMWARE UPDATE MANUAL



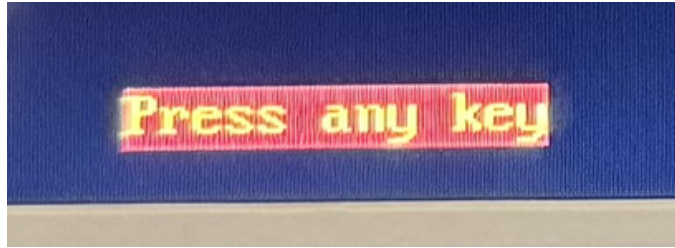
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UPDATING THE FIRMWARE

- Before performing these update steps, be sure to document the settings for the sub-menus in “F4 Setups” and the “Cut Parameters” chart.
- Extract (unzip) the folder.
- If your start-up screen has the “press any key” message, then you will need to use the “SF70” update file.



- Copy the “SF70” file onto a freshly formatted USB key and ensure that the update is the only file on the USB.
- The operator station needs to be turned off in order to begin the update process.
- Plug the USB into the port and, while holding down the update button, power on the operator station.

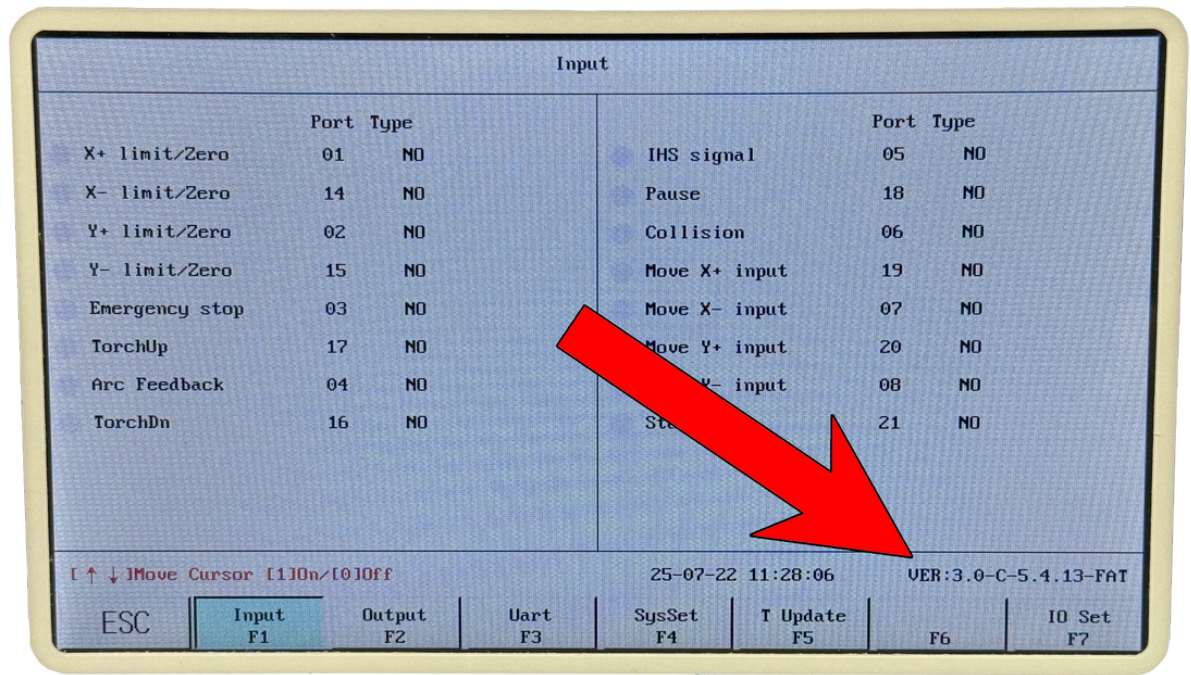


UPDATING THE FIRMWARE

- The update will begin automatically.



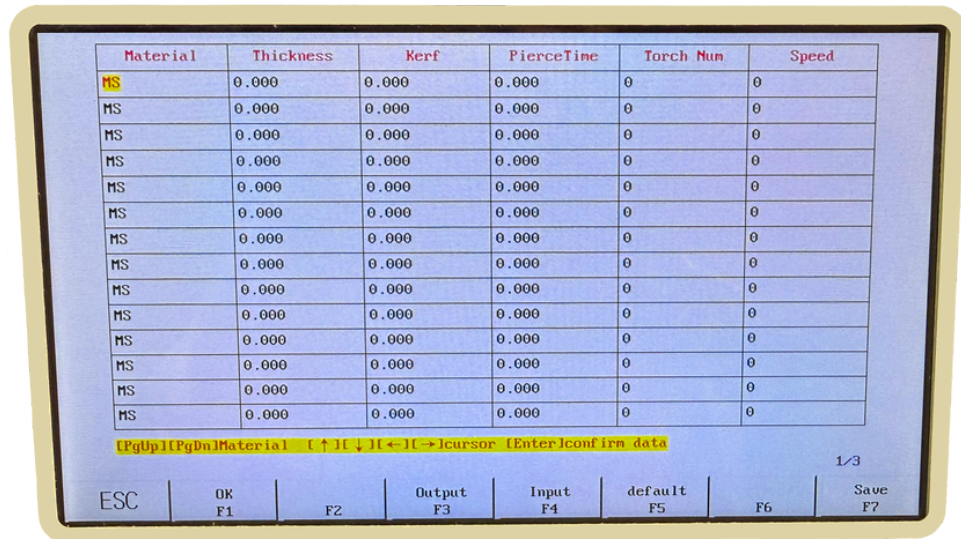
- Once finished, the screen will prompt you to restart the unit.
- After rebooting the operator station, you can verify that the update was successful by navigating to the “Diagnose” menu (F5). In the bottom right-hand corner of the screen, you’ll see the software version.



Operator Station Firmware Update

UPDATING THE FIRMWARE

- After applying the update, double check that the values in the “F4 Setups” sub-menus and the Cut Parameter values match your documented values.



Material	Thickness	Kerf	PierceTime	Torch Num	Speed
MS	0.000	0.000	0.000	0	0
MS	0.000	0.000	0.000	0	0
MS	0.000	0.000	0.000	0	0
MS	0.000	0.000	0.000	0	0
MS	0.000	0.000	0.000	0	0
MS	0.000	0.000	0.000	0	0
MS	0.000	0.000	0.000	0	0
MS	0.000	0.000	0.000	0	0
MS	0.000	0.000	0.000	0	0
MS	0.000	0.000	0.000	0	0
MS	0.000	0.000	0.000	0	0
MS	0.000	0.000	0.000	0	0
MS	0.000	0.000	0.000	0	0
MS	0.000	0.000	0.000	0	0
MS	0.000	0.000	0.000	0	0

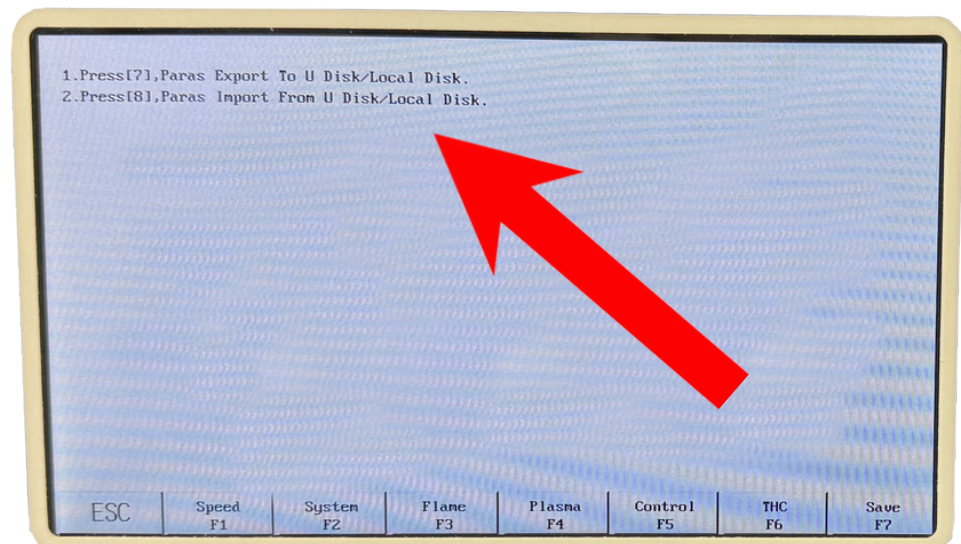
[PgUp][PgDn]Material [↑][↓][←][→]cursor [Enter]confirm data

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ESC OK F1 F2 Output F3 Input F4 default F5 F6 Save F7

Cut Parameters Menu

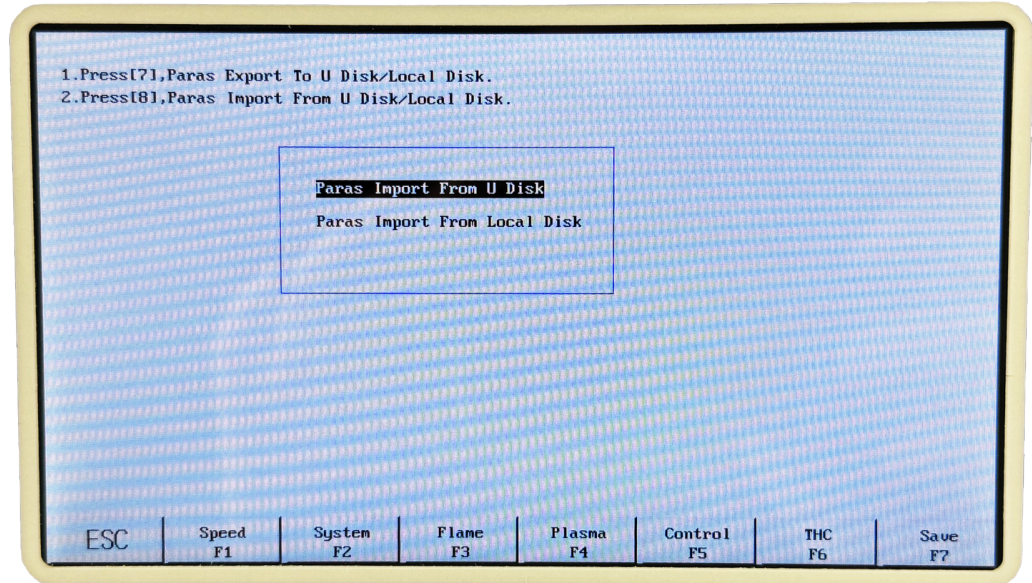
- If your recorded values do not match the values in these menus, you can either manually enter them back in, or import them from a USB stick.
- To import the Halo Innovations base system parameters, insert your USB with the “HALO System Para 2x2.DAT” file loaded on it and navigate to the “SetUps” menu.
- In the upper left corner of the screen, you will see two lines of text. The second line is to import System files.



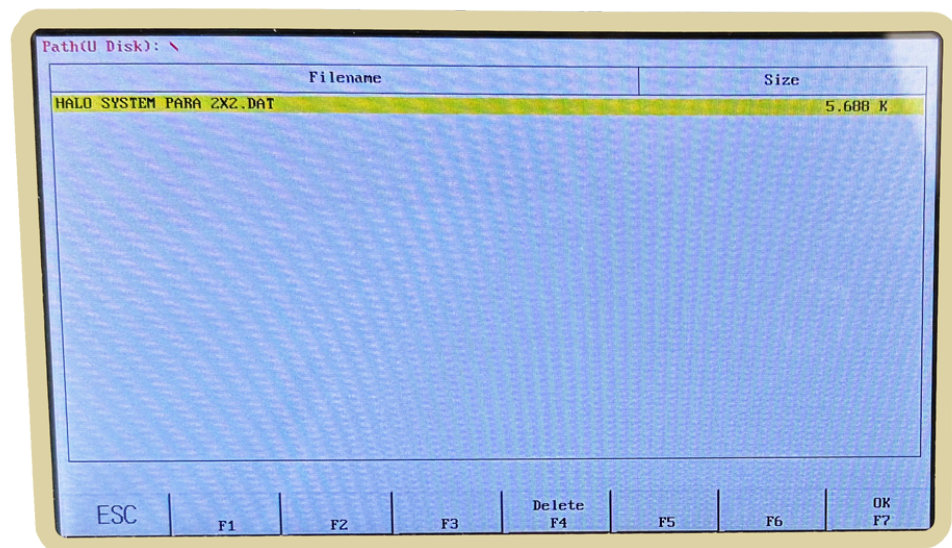
Operator Station Firmware Update

UPDATING THE FIRMWARE

- Press “8” to open the import menu and select “Paras Import from U Disk”.

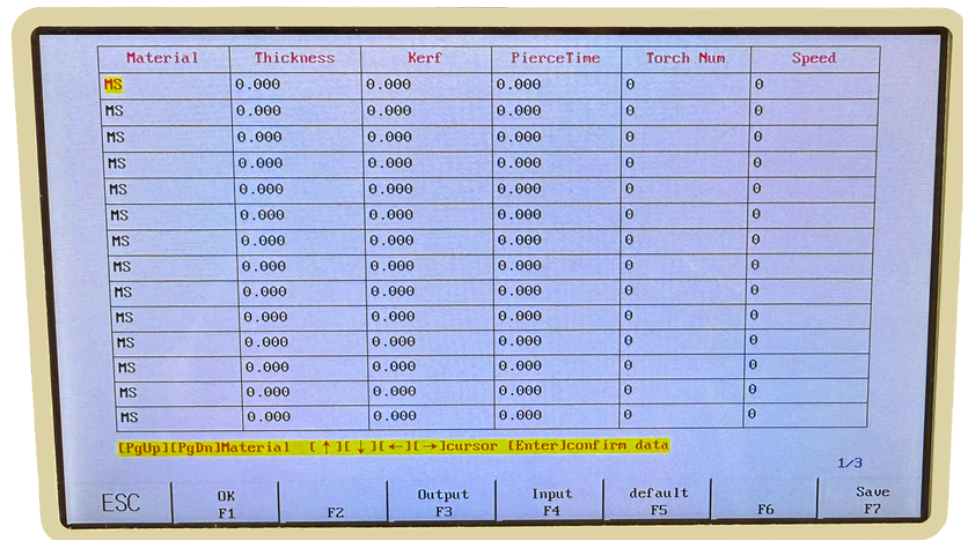


- Upon selecting “Paras Import from U Disk”, a new menu will open with a list of files selectable on the USB Stick. Select the “**HALO System Para 2x2.DAT**” file and press F7 OK.



- After pressing ok, press escape until you return to the main screen.
- Press “9” to enter the Cut Parameter menu to verify if the values need to be re-entered.

UPDATING THE FIRMWARE



The screenshot shows a control panel interface with a table of cut parameters. The table has six columns: Material, Thickness, Kerf, PierceTime, Torch Num, and Speed. The first row is highlighted in yellow and contains the value 'MS' in the Material column. The other rows contain 'MS' in the Material column and '0.000' in the other columns. Below the table, there is a status bar with the text 'PgUp|PgDn|Material' and a set of navigation arrows. At the bottom of the screen, there is a row of function keys: ESC, OK F1, F2, Output F3, Input F4, default F5, F6, and Save F7.

Material	Thickness	Kerf	PierceTime	Torch Num	Speed
MS	0.000	0.000	0.000	0	0
MS	0.000	0.000	0.000	0	0
MS	0.000	0.000	0.000	0	0
MS	0.000	0.000	0.000	0	0
MS	0.000	0.000	0.000	0	0
MS	0.000	0.000	0.000	0	0
MS	0.000	0.000	0.000	0	0
MS	0.000	0.000	0.000	0	0
MS	0.000	0.000	0.000	0	0
MS	0.000	0.000	0.000	0	0
MS	0.000	0.000	0.000	0	0
MS	0.000	0.000	0.000	0	0
MS	0.000	0.000	0.000	0	0
MS	0.000	0.000	0.000	0	0
MS	0.000	0.000	0.000	0	0

PgUp|PgDn|Material [↑][↓][←][→] cursor [Enter] confirm data 1/3

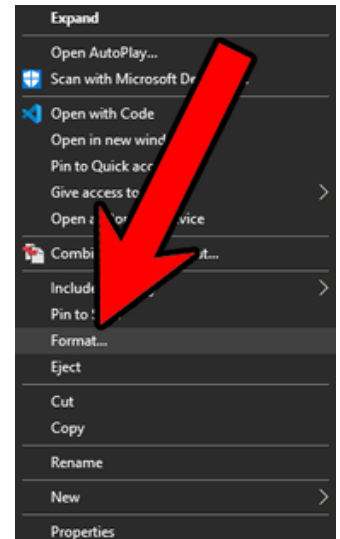
ESC OK F1 F2 Output F3 Input F4 default F5 F6 Save F7

- Once in the Cut Parameters menu, if the values are incorrect or missing entirely, you can either re-enter the values manually, or you can import them from a USB.
- To import them from a USB, load the file named “data_plasma.csv” onto the USB key and insert it into the port on the controller.
- With the USB inserted, press “F4 Input”. If the correct file is on the USB, it will automatically populate the Cut Parameter Chart.

TROUBLESHOOTING

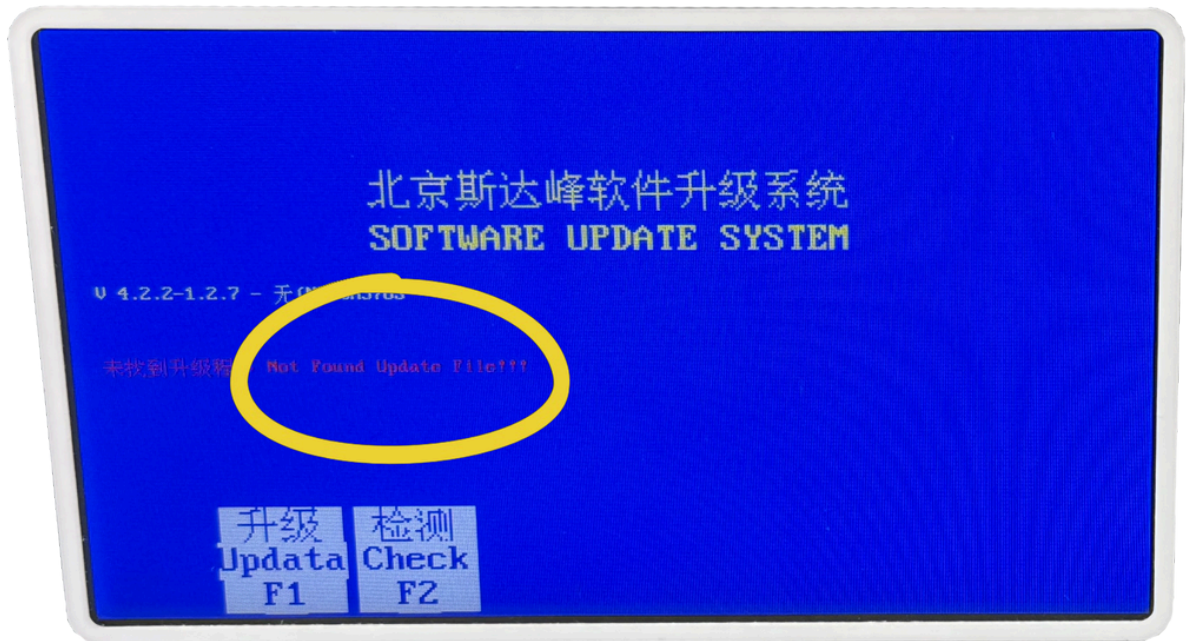
Update File Not Found

- When receiving the “update file not found” error, it can mean that the USB key needs to be formatted or the USB key storage is larger than 16Gb.
- Plug the USB into your computer and right-click the location of the USB.
- Select the option labelled “format” from the menu that pops up.
- Once formatted, reload the update file onto the USB.
- Repeat the steps on page 3 to perform the update.

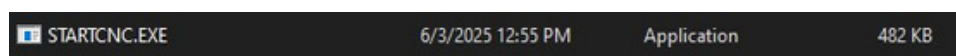


Update File Not Found

- If your update screen is blue, you will need to rename the update file.



- Locate the “SF70” file and rename it to “STARTCNC.EXE”

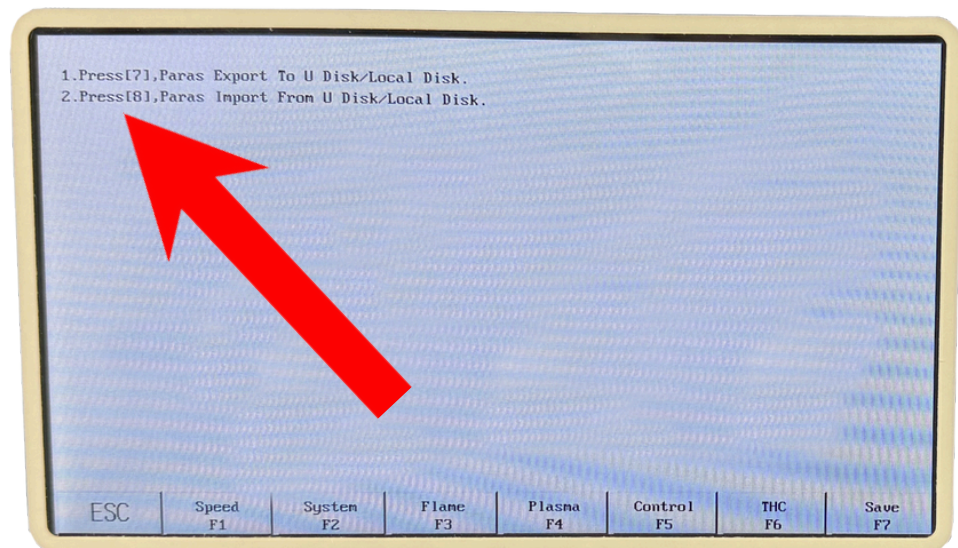


- Load the newly named file onto your USB and take it to the operator station.
- Perform the same update process on page 3 with the new file name.

TROUBLESHOOTING

Table non-functional after update

- If your table will not cut after being updated, it could be that your settings were overwritten during the process.
- Consult the settings that you took note of before applying the update and ensure they match.
- If you did not document the settings before the update, you can find the default factory settings in the folder labelled “**SysSet Parameters**”.
- In the “Setups” menu on the operator station, select the second option on the main screen to import the default parameters.



CONTACT INFORMATION



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