June 25, 2021

FC8600 Series

Version 3.30　　　　　　　　　　*Release date:　June 15, 2021.*

- Fixed problem
    1. When sending cutting data with tool change while Auto Paneling was turned on, extra lines could be cut on the second sheet or incorrect condition numbers could be displayed.

Version 3.20　　　　　　　　　　*Release date:　April 27, 2021.*

- Fixed problem
    1. When the tool sort was selected, plotting data with multiple registration marks occurred in a scanning error at the second mark.

- Modification
    1. The following commands were added for application software.
    Gets setting from plotter
    Sets the setting to plotter

Version 3.10　　　　　　　　　　*Release date:　August 30, 2018*

- Fixed problem
    1. When the first vector line length is longer than about 230 mm, the Initial blade control did not perform.
    This slight deformation occurs at beginning part of the line. The starting position of the line may not match the position at the end of the line.
    This problem occurs from the version 3.00.
    If the version 3.00 was installed already, update to this version.

Version 3.00　　　　　　　　　　*Release date:　July 18, 2018*

- Fixed problem
    1. When data was sent via the LAN, the FC8600 was locked when the "Feed the media and then set the media" is displaying.
    2. The other keys did not work when the CONDITION key was pressed continuously.

3. The cutting speed becomes slow when the straight line is cutting at the segment registration mark mode.
4. The origin position was shifted when the origin key was pressed several times.
5. The Cutting Master 4 could not get serial number when the command setting is AUTO.
6. Continuously beeped when the "Move TOOL position then ENTER" is displaying.
7. The error is displayed when the 20 mm reversed color of segment registration mark type 1 is detecting. It will stop before last one registration mark.
8. The FC8600 was locked when the ENTER key was pressed when the second segment registration mark is searching.

- Modification
    1. The initial blade direction was improved to be same direction for the first cutting.
    2. The end of arc processing was improved.

Version 2.90   *Release date: August 9, 2017*

- Fixed problem
    1. The E05005 error was occurred when the cross cut was performed at following condition.
       The UP mode was set to "1" in perforation setting.
    2. The force of first line in the condition of current data was set to force of previous condition when the Panel mode was set to "ON".
    3. The force setting was swapped when the Panel mode and the Area sorting mode were set to "ON".

Version 2.80   *Release date: February 1, 2017*

- Modification
    1. The minimum copying spacing in the Copy Mode was changed to 1 mm from 20 mm.

Version 2.70   *Release date: September 2, 2015*

- Modification
    1. The consumption media distance function was added in the maintenance

mode for the EASTMAN (OEM customer).

Version 2.60   *Release date: February 26, 2015*

- Fixed problem
  1. The cutting job could not cancel when the registration mark scanning was failed. (This symptom occurs when only using the Cutting Master 3.)
  2. The registration mark could not rescan the registration mark when the registration mark scanning was failed. (This symptom occurs when only using the Cutting Master 3.)
  3. The data buffer was not able to clear when the multiple registration mark data was sent from the Cutting Master 2. (This symptom occurs when only using the Cutting Master 2.)
  4. The menu did not return to the previous menu when the "CONTINUE" was selected when the job of multiple registration mark was stopped in the 2nd data.
  5. The menu did not return to the previous menu when the registration mark scanning was failed at the job of multiple registration mark.
  6. The origin of next media was incorrect in copy mode after position was moved by position key when after the media was reloaded at the job of multiple registration mark.

Version 2.50   *Release date: December 25, 2014*

- Fixed problem
  1. The condition settings were not changed when in the copy mode of FC8600.

- Modification
  1. The command was added for the method of registration mark detecting for the ISM mode.

Version 2.40   *Release date: April 16, 2014*

- Fixed problem
  1. The plotter did not feed the media correctly when the divided cutting function was set to "ON".
  2. The accuracy of registration mark's detection was improved. The cutting position was a little bit shifted from the printing position.
  3. The CM3 was not released in following condition when the FC8600 was

connecting via the USB port.
- The setup clear was performed.
- The unit length was set to Inch unit.
- The condition setting of tool was set to CB09 from PEN.
4. The tool position was shifted in the following condition.
- The AP mode was set.
- The tool number was set to tool 2.
- When the cross cutting is specified by the driver setting.

Version 2.30   *Release date: February 19, 2014*

- Fixed problem
    1. The NEC font (Non Standard Japanese Kanji characters) could not print.
    2. The FC8600 was released after the cross cutting was performed when the CM3 is connecting by the LAN ports.
    3. The copy position was shifted a little from the first copy position at approximately 1.5 m when the print & cut data is copying. There were miss calculations for the copy position.
    4. The change of page length was not affected until after the media was reloaded. The registration mark scan error was displayed in above condition.

Version 2.20   *Release date: December 25, 2013*

- Fixed problem
    1. The FC8600 could not cut when the push rollers are staying at standby position.
    2. The FC8600 was locked when the V2.1.211 of CM3 is connecting without operation several hours.

Version 2.10   *Release date: November 1, 2013*

- Fixed problem
    1. There was extra movement after the multi registration function was performed.
    2. The registration mark size was not reset when the registration mark size was set in the menu.
    3. The 3rd line of message was not displayed when the 1st line of message is displayed in one line.
    4. The media sensor was working in the initial feed even if the media sensor

detection was set to disable.

5. The status of ESC.C3;9 did not output during the media selection menu.
6. The plotter returned the ready status during detecting the multi registration mark after the plotter received "ESC.C1;".
7. The condition print was not printed correctly.
8. The setting of magnification changed the size of self-test.
9. The LED of registration mark sensor was not turned off when after the registration detecting was canceled.
10. The response of "ESC.C1:" was not correct.
11. The response of "ESC.C31;9:" was not correct.
12. The firmware could not update by the "UPDATE.EXE" when if the AP mode of time out setting is ON.
13. The Y belt running test and the Cross cut test could not perform when the command setting is "AUTO".
14. Sometimes the FC8600 hung up when the position moved by the controller when in the AUTO command mode.
15. Sometimes the FC8600 hung up when the cutting process was canceled.
16. The WARNING Error did not display when after the command error occurred.
17. Sometimes the FC8600 was locked when the cutting plotter controller was finished or when the LAN connection was disconnected at the CM2/CM3/GS.
18. The FC8600 was locked when adjusting the tool spacing for 1st pen and 3rd pen. (2nd Pen Model)
19. The response of "TC2009.5" was not correct.
20. The LAN connection was disconnected when the plotter during the pause at the command mode was set to AUTO.
21. The pre-feed was performed immediately when the setting of pre-feed was selected in the menu.
22. The start position of cutting was incorrect after the tool position was moved after the relative movement command received when the line type was perforation.
23. The origin key did not work when the push roller detection is setting to disable.
24. The plotter did not wait when the pen exchange is performed by the CM3/GS. The TC38 command was added.
25. The pre-feed timing was not same with each unit.
26. The last segment of data did not cut to correct position when in the following setting.

Command Mode is AUTO, Connected at LAN, The data send by the
CM2/CM3

27. The cutting area was incorrect in the following condition.
    The push roller detection was setting to disable. The expanding cutting area
    was set to ON.

28. The Y position error displayed in the following condition.
    The roll media is set from the front. The push roller detection is OFF. The tool
    did not hold on the tool station.

29. The tool number of previous setting was set to the tool condition when the
    push roller detection is setting to disable. (2nd pen model)

30. The carriage hit to the cross cutter bar in the following condition.
    The distance adjustment of condition 1 is set to +2.00%. The distance
    adjustment of condition 2 is set OFF and the tool number is set to 2.
    The media load by the condition 1. The condition is selected to the condition
    2.

31. The scanning message was displayed after the scanning error message was
    displayed when the data is in I/F buffer.

- Modification
  1. The origin is able to move by using the position keys when in the Panel Cutting
     mode.
  2. The segment registration mark of panel cutting function was added.
  3. The function name of "TANGENTIAL EMULATION" was changed to
     "TANGENTIAL MODE".
  4. The ISM mode was added instead of low speed scanning mode.
     (ISM=Intelligence Scanning Mark)

Version 1.20   *Release date: September 11, 2013*

- Fixed problem
  1. The tool setting of condition 2 was changed to "PEN" when after the spacing
     between the Tool 1 and Tool 2 is adjusted on the 2 pens model.
  2. The memory area was broken when the direct command "ESC.C31" is
     received during copying mode.

Version 1.11   *Release date: February 27, 2013*

- Fixed problem

1. The test cut could not perform by the Cutting Controller.
2. The firmware could not update by the UPDATE.EXE.

Version 1.10 (Not released)   *Release date: February 26, 2013*

- Fixed problem
    1. The task of cutting did not separate when more than one PCs were connected to the one plotter in LAN when the plotter controlled by the Graphtec Studio or the Cutting Master 3.
    2. There was incorrect process to detect the MENU mode and the CONDITION mode.

Version 1.00 (Not released)   *Release date: February 26, 2013*

- Initial version

End