March 16, 2008

FC7000 Series Cutting Plotters

Version 2.10   *Release date: March 14, 2008*

- Fixed problem
    1. The plotter drops the media and displayed the Y position error when the plotter controller controls the setting of plotter.
    2. The plotter performed the initial blade control when the blade control settings were same as previous settings.
    3. The pen settings were preserved on the EPROM when the pen settings were set by the command of pen settings.
    4. The servo parameter was incorrect therefore the wavy line appeared.

Version 2.00   *Release date: February 1, 2008*

- Fixed problem
    1. The offset of CB15UBx was 28. It had to be 5.

Version 1.90   *Release date: August 7, 2007*

- Fixed problem
    2. The pen pressure became to maximum pressure when the pen height encoder could not read the pen height correctly.

Version 1.80   *Release date: November 22, 2006*

- Modification
    1. The menu for "CONTINUE JOB" and "QUIT JOB" were added when the FC7000 detected media end.

Version 1.70   *Release date: July 31, 2006*

- Modification
    1. The diagonal lines could not cut straight.
    2. The perforated line setting was modified to set individually by each condition number.

3. The sensor level adjustment function of auto registration mark was added into the menu.
● Fixed problem
  1. The blade length value was not displayed correctly at readjustment menu after blade length was adjusted.

Version 1.60   *Release date: June 16, 2006*

● Modification
  1. The method of detecting the auto registration mark when the plotter was not able to detect an auto registration mark was changed.
     The starting scan position was changed to the servo home position.
  2. The UP DOWN key was worked for switching the front and rear loading function when the AKZ model was selected..
     The AKZ model did not have to work as UP DOWN key described above.
  3. The cross cutter function did not have to work when media or the pinch roller sensor was disregarded.
● Fixed problem
  It hung up when the command setting was changed with the upper pinch roller position.

Version 1.52   *Release date: February 23, 2006*

● Fixed problem
  1. All media fed from the roll media when the page size was changed in the front-loading mode.
  2. All media fed from the roll media when it received feed-command in the front-loading mode.
  3. Pouncing-tool and pen position were not matching.
  4. Media was broken when the pen-offset adjustment was performed with the pouncing-tool.
  5. The FC7000 did not cut anything when it received "SC;"-command of the HP-GL mode.

Version 1.50   *Release date: January 17, 2006*

● Fixed problem
  1. The auto registration mark setting became to the standard mode when it was set to custom setting of 1-inch. This problem occurred in the inch-displaying

mode only.

● Fixed problem
1. The HOLD key didn't work in the adjustment mode for production.

● Fixed problem
1. The "OZ" command was not responded correctly for the 4-point and 3-point registration mark at GP-GL command mode.
2. The message of the loading method was wrong in Spanish language mode.
   The plotter displayed the "DETRAS SET" (REAR SET) even as the Front Loading mode.
3. The plotter was outputting "0x020" for the end of data when is packet size of the integers via a USB.
   It changed to Null packet to obey the USB specification revision 1.1.

● Fixed problem
1. A corner of 90-degree did not down the pen at pouncing mode.
2. Some of the FC7000 is dragged the pen when the plotter is initializing.
3. The auto registration mark could not detect when is selecting the light pointer.
4. The plotter locked in the manual registration mark mode when pressed the menu key after the position key is used to move the pen position for the registration mark.
5. The value of offset was wrong for the pouncing pen and other pens.
6. The plotter could not detect the auto registration mark after the Nov-Ram clear was performed. The default setting of the auto registration mark mode was set to off.
7. Sometimes the plotter did not respond for the read commands via the USB port.

● Modification
1. The pouncing speed was slower than the FC5100. The pen up/down speed increased.
2. The Y-belt running test mode is added for the production.
3. The pinch roller is difficult to set to the left side of long grid roller.

The margin for the pinch roller position is expanded to 3 mm.

4. A suffix for the ALZ mode corresponded.

- Fixed problem
    1. When assign the CONDITION 2 as PEN 2, the assigned condition was changed to CONDITION 1 if the Cam lever was lifted up then lowered when the 2nd pen is held at the penholder.
    2. In case of 2 pen model, the cross mark for the registration mark position adjustment could not be detected.
    3. During holding the 2nd pen, if the command set or pen sort setting was changed, the plotter recognized that the 2nd pen was returned even if it was not returned.
    4. The cross cutting was failed sometime.
    5. When using the Inch mode, the registration mark sensor position adjustment value was changed after adjusted it.
    6. Following items in the Background settings were not cleared when performing the NOV-RAM clear.
            FAN POWER / BEEP / MARK AUTO SCAN / PEN SELECT
- Modification
    1. The servo noise when stand-by with pen up condition is loud.
    2. When using the Inch mode, the minimum adjustment unit for the registration mark sensor adjustment and the 2 pen distance adjustment were rough (0.01"). it was changed to 0.005".

- Fixed problem
    1. When cutting multiple pages, the cut start point of 2nd page and after were incorrect.
    2. When cutting the test cut pattern "CUTTING PRO" in Roll mode, the roll end was not detected.
    3. When the auto pre-feed was enabled, the media was fed without receiving data soon after "Use controller setting" was selected at the FC7000 controller.
    4. The pen stayed at pen down condition after finishing the Dump mode.
    5. Garbage characters were displayed on the LCD when enter to the Background settings from the menu.

It happens about one in 10 times.

6. If the HOME/VIEW key was pressed during initialization, the pen position was moved to the view position with READY condition after finishing the initialization.

7. If the HOLD key was pressed during pressing the arrow key, the LCD shows the message for READY condition in stead of the HOLD condition.

8. "WRONG NUMBER OF PARAMETERS" error appeared when receiving "TO;".

9. The pen stayed at pen down condition after the registration mark position adjustment.

10. Multiple registration marks could not be detected when using 0.3 mm thickness registration mark printed on the inkjet paper.

Version 1.00   *Release date: March 29, 2005*

● Initial version

End