

FC7000 SERIES Supplementary User's Manual

FC7000-UM-551 1st August 1,2006

The following items have been added to the FC7000 SERIES User's Manual:

- The "CONDITION" parameter to the "PERF. LINE TYPE" menu in Section 6.31, "Selecting the Type of Perforated Line"
The "Setting the SENSOR ADJUSTMENT Function" description to the Auto Registration Mark menu descriptions in Chapter 6.

6.31 Selecting the Type of Perforated Line

The CUT LINE PAT. function lets you specify of seven types of cut lines from 1 to 7. If you select OFF, a solid line is cut. The default setting is OFF. Change this setting if the shapes being cut either separate too easily or are hard to separate.

Using this function, you can select the cut line pattern ratio (the ratio of cut segments to uncut segments in each line) by specifying the LINE TYPE NO. The smaller the value, the shorter the uncut segments and the easier it is for cut shapes to be separated. When the specified LINE TYPE NO. properly suits the medium you are using, cut shapes can be easily separated after cutting but will not come loose during cutting.

The uncut segment lengths left are as shown below for 8 mm cut line lengths.

- Pattern 1: 0.20 mm • Pattern 3: 0.30 mm • Pattern 5: 0.40 mm • Pattern 7: 0.50 mm
- Pattern 2: 0.25 mm • Pattern 4: 0.35 mm • Pattern 6: 0.45 mm

The perforated line type (PERF. LINE TYPE) can be specified for each cutter-pen condition setting area.

Setting Operation

- 1 Press the **MENU** key.
- 2 Press the **NEXT** key until the following menu appears.

INTERFACE >	[F1]
AREA PARAMETERS >	[F2]
FUNCTION1 >	[F3]
FUNCTION2 >	[F4]

- 3 Press the **F3** key (FUNCTION 1). The following menu appears.

PREF. LINE TYPE >	[F1]
ROTATE >	[F2]
MIRROR >	[F3]
SCALE >	[F4]

- 4 Press the **F1** key (PERFORATION PATTERN). The following menu appears.

CUT LINE PAT. NO.	[F1]
CONDITION NO. = 1	[F2]
LINE TYPE NO. = OFF	[F3]
	[F4]

- 5 Press the **F2** or **F3** key to move the cursor to the parameter that you want to change. Use the (**▲ ▼**) POSITION keys to change the CONDITION number or the LINE TYPE NO. setting.
- 6 Once the desired pattern number has been selected, press the **ENTER** key.
- 7 Press the **MENU** key to return to Ready status.



- Cutting operations using the CUT LINE PAT. (except for "OFF") are not covered by the guarantee.
- Cutting should normally be used with the default (OFF) pattern.
- Unlike normal film cutting (half cutting), cutting out (die cutting) using the CUT LINE PAT. may damage the cutting mat and also affect the quality of normal cutting.
- Cutting mat replacement due to damage caused by perforation cutting is a chargeable item.

Setting the SENSOR ADJUSTMENT Function

The SENSOR ADJUSTMENT function automatically adjusts the reading level of the registration-mark-reading sensors.

- DEFAULT: Resets the sensors and returns them to the default level (the reference level used for the factory default settings).
- ADJUST: Starts automatic adjustment of the sensors.

Setting Operation

- 1 Load a blank medium in the plotter to use for the registration-mark-reading procedure.
- 2 Press the **AXIS/R.M.S.** key.
- 3 If the registration mark mode has been enabled, the following menu appears.
 Note: If the registration mark mode has not been set, the axis alignment menu screen appears. If you wish to use the registration mark functions, press the NEXT key to cancel the operation and then refer to Section 6.12, "Setting the Registration Mark Mode" for details on how to make the registration mark mode settings.

AUTO REG. MARK>	[F1]
SKIP>	[F2]
AUTO>	[F3]
MANUAL>	[F4]

- 4 Press the F1 key (AUTO REG. MARK). The following menu appears.

MARK SCAN MODE>	[F1]
MARK TYPE>	[F2]
OTHER SETUPS>	[F3]
DISTANCE ADJUST>	[F4]

Note: DISTANCE ADJUST is not displayed if media has not been loaded in the plotter.

- 5 Press the F3 key (OTHER SETUPS). The following menu appears.

MARK SIZE>	[F1]
SENSOR OFFSET ADJ.>	[F2]
AXIS ORIGIN OFFSET>	[F3]
PAPER-WEIGHT>	[F4]

- 6 Press the F2 key (SENSOR OFFSET ADJ.). The following menu appears

SENSOR OFFSET ADJUST	[F1]
SENSOR ADJUST>	[F2]
METHOD 1>	[F3]
METHOD 2>	[F4]

- 7 Press the F2 key (SENSOR ADJUST). The following menu appears.

	[F1]
	[F2]
DEFAULT>	[F3]
ADJUST>	[F4]

- 8 Use the POSITION keys to move the sensor unit to a blank area of the medium.
- 9 Press the F3 key (DEFAULT) or the F4 key (ADJUST) to perform sensor level adjustment. When adjustment has been completed, the display returns to the menu shown in Step 7
- 10 Press the NEXT key to return the plotter to Ready status.



This setting is retained in the plotter's internal memory even when the power is turned off.