

# Notice of change on the menu of FC9000 series

Some new functions in firmware version 1.10 or after added to improve user experience.

Please find the details in this document. For more information, please refer to the User's Manual on its operation.

## 1. New "MARK SCAN Mode"

"MODE 4" has been added to "MARK SCAN Mode" of "5.2 Setting and Adjustment of ARMS" in the User's Manual. "MODE 4" is an improved mode that can read the barcodes and the registration marks printed on high-intensity reflective film etc.

**Note** "MODE 4" does not guarantee to read the barcodes and the registration marks on all media.

### Reference: Standards for creating barcode / registration mark in MODE 4

When using "MODE 4", it is required to create a barcode or registration mark referring to the following settings.

#### Settings in Cutting Master 4 / Graphtec Pro Studio

Setting items	High-intensity reflective film	Tack Paper etc.
Barcode type *1	Barcode for roll media	Barcode for roll media
Barcode length *2	Long (0.8mm) to Long(2.0mm)	Standard(0.4mm) to Long(2.0mm)
Registration mark type	Normal Color: Black	Normal Color: Black
Line thickness	1.0mm	Not specified

\*1 Please set "Use barcode" to disabled if it does not use a barcode.

\*2 Please set the value as much as longer possible if the barcode cannot be read.

## 2. Update on "CUT" of "7.5 Setting Cut Line Pattern"

Maximum value that can be set in "CUT LINE PATTERN" - "USER" - "CUT" of "7.5 Setting Cut Line Pattern" in the User's Manual has been changed from 100mm (3.937inch) to 500mm (19.685inch). In case of cutting media with strong tack adhesive media or high-intensity reflective film, the glue may adhere to the tip of the cutter blade and it may cause an improper cut result. Using this updated "Cut Line Pattern" can be a good solution to improve this kind of problem. Please try the test cut referring to the following guidelines.

### Reference: Cut Line Pattern setting

TYPE	CUT	UP	UP MODE
USER	500mm (19.685inch)	0.01mm (0.04inch)	1 or UP

## 3. Update on "ALARM DISTANCE" of "15-5 Setting the Alarm for Degree of Wear"

The maximum value that can be set in "ALARM DISTANCE" of "15-5 Setting the Alarm for Degree of Wear" in the User's Manual has been changed 5,000 meters (16,404 ft) to 100,000 meters (328,084ft).