

FC9000 SERIES

GRAPHTEC
Graphtec America, Inc.

FC8600 to FC9000 / HIGHLIGHTS • DIFFERENCES • TECH & SERVICE DETAILS



FC9000-75

FC9000-100

FC9000-140

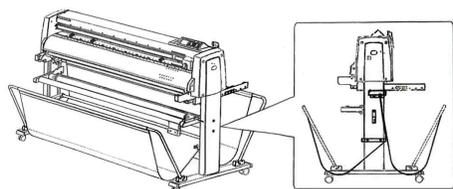
FC9000-160

MAIN HIGHLIGHTS



Improved Overall Structure

More Rigid Y Bar improves cut quality for both thick and thin materials



New Basket Design



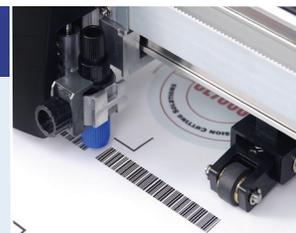
New RM Sensor ARMS 8.0
(Advanced Registration Mark System)



New 54" Model FC9000-140

New DATALINK Feature

New Barcode Scanning System allows for the continuous operation of multiple jobs.



Newly Designed Cutting Head

The newly designed cutting head improves cut quality and cutting time. This new head requires less UP travel for the pen holder compared to the FC8600.



New USB Thumb Drive Port

New USB Thumb Drive Port for cut jobs or print and cut jobs without PC.



New Take-Up System

Optional Media Take-Up System Available for FC9000-140 (54") and FC9000-160 (64") models only.



New Accessories

- Loupe to assist with blade length
- Flange kit to improve tracking



- [Click to View Promotional Video:](#)
- [Click to View Related How-to Video:](#)

DIFFERENCES BETWEEN FC8600 AND FC9000:



FC8600➔ FC9000

NOTES FOR TECH GROUPS:

- **Cutting Conditions & Tool Set Up** to achieve Best Cut Quality is the same for the FC9000.
- **Print and Cut Workflow** is still the same.
- **Blades and Blade Holders** are all the same.
- **Software** is also still the same for the FC9000. (Cutting Master 4 Plug-in / Graphtec Pro Studio)

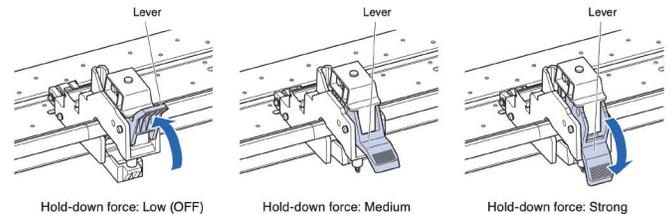


Control Panel Has 2 NEW Buttons:

- **SLOW Button:** Replaces FAST Button
- **BARCODE Button** Initiates Barcode Reading
- **CROSS CUTTER Button** has been moved

No Stand-By Location for Unused Push Rollers:

On FC9000, all Push Rollers will be over the media. Set Pressure Lever to OFF so that Push Roller Wheel does not affect media.



All Push Roller Arms are Now the Same:

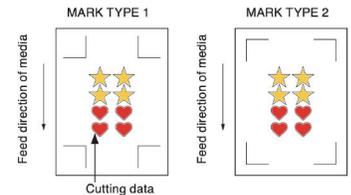
There are 3 Pressure Levels for the FC9000
No difference between Left, Center, and Right.

No Controller Software for the FC9000

No More ISM Mode:

Now choose from 3 Mark Scan Modes.

Note: See User's Manual



Updated Users Manual:

Shows Exact Print and Cut Workflow with Supplied Software, - DATALINK (Barcode) Workflow.
See Chapter 14 of Users Manual

TECH / SERVICE DIFFERENCES:

No Need to Remove Right Push Roller Arm to Add More Rollers:

Note: Please See Service Manual - Adding OPH-A47

Ethernet Connection:

Now intergraded with the main board

New 9-layer Main Board: Better Grounding

Cross Cutter Blade: New Design with Pointed Tip

Cross Cutter Assembly: Now Part of Pen Block

Pen Block Cover: Now Has Extra 'Hook' to Secure it

Note: See Chapter 7 of Service Manual

New Main Board Calibration Procedure:

After physically replacing board, a control panel button combination is all that is needed to transfer all calibrations.

Note: See Service Manual: Copy Adj. Values from SUB-NVRAM

New Way of Isolating RM Sensor,

Testing Output Lever for Troubleshooting:

Note: See Service Manual Troubleshooting Section.

Easier Removal of Push Roller Wheels for Replacement with use of a Push Pin instead Of E Clips

Take-Up System:

Note: Please look over Chapter 18 of Users Manual, followed by VIDEO to learn assembly, and operation.

[LINK TO VIDEO](#)

Barcode (DATALINK):

Can read barcode and retrieve cut file from CM4 & GPS/ 3rd party software for continuous operation.

Note: See Basic Operation of Printing and Cutting Manual.

[LINK TO VIDEO](#)