

# GRAPHTEC

PRECISION CUTTING SOLUTIONS

# F-MARK2

## AUTO SHEET FEEDER UNIT



F-MARK2

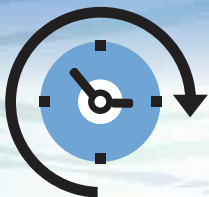


### VIDEO TRAINING

PRESS PLAY ► GET TO WORK

## HIGH VOLUME SHEET FEEDING AND CUTTING UNIT

200 SHEET CAPACITY



AVERAGE  
30-40 SEC  
PER SHEET

F-MARK2  
FEEDER

CE7000-40  
CUTTER



GRAPHTEC  
Graphtec America, Inc.

# PRECISION CUTTING SOLUTIONS

# GRAPHTEC F-MARK2

## FEATURE HIGHLIGHTS

### CUT LABELS and CUT TIME

The **F-MARK2 Automatic Sheet Feeder Unit**, which includes the Graphtec **CE7000-40** cutter, is designed to automatically feed and contour cut media size up to 13" x 19" without the need for an operator. An arm with air suction cups lifts the media from the supply tray and places it in the cutter.

Included Software and CCD Camera accurately align media for contour / perforation cutting of preprinted graphics - efficiently freeing up labor to work on other tasks. Once completed, each sheet neatly falls into the Exit Tray. Additional sheets of the same design can be loaded during cutting without resending the job.

The F-Mark2 also allows you to use the same blade tool for both **Cutting and Creasing** to further increase your productivity.

The F-Mark2 can handle up to 200 sheets of media (depending on thickness) in a continuous cycle. It also has the ability to add further sheets as required without interrupting the cutting process. This is a capability that sets the F-Mark2 Automatic Sheet Feeder apart from any comparable sheet-fed system.

#### Perfect Sheet Alignment

Perfect sheet alignment is achieved via crop mark reading for each individual sheet, with a camera equipped with Automatic Sheet Cutter technology performing the crop mark adjustments in a fraction of a second. Software algorithms compensate for any distortion from the printing process to enable precise cutting with minimal bleed. There is also an option to add perforated cut lines to your design during file creation.

## iMARK PLUS DIGITAL CUTTING SOFTWARE

### Dedicated Windows Software Controls the Auto Sheet Feeding System and Transfers Contour Cutting Data To The Plotter

After media is loaded, the camera quickly detects the 2-point reference marks and corrects alignment before contour cutting data is transferred, giving you the perfect cut every time.

The iMark Plus software configures cutting conditions such as number of copies, cutting force, cutting speed, offset, and number of paths, and can import Adobe Illustrator or CorelDRAW EPS files as contour data.

The software controls the action of supplying the media to the plotter and adjusts position of contour cutting to the printed image using reader reference marks with the fixed camera. It also sets the cutting condition on the plotter.



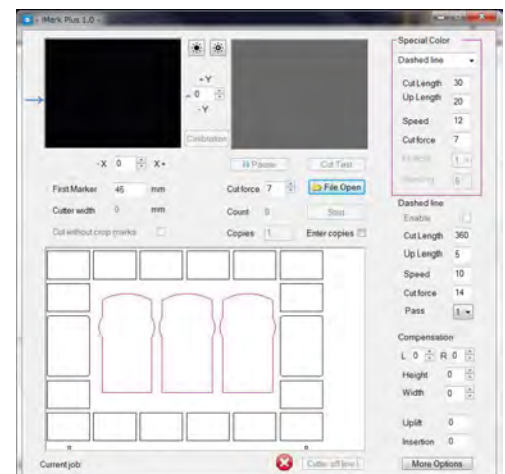
Suction Cups Lift and Feed Media



CCD Camera for Accurate Alignment



200 Sheet Capacity Exit Tray



F-MARK2 only works with the dedicated software.

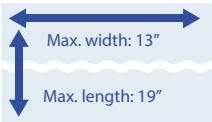
# PRECISION CUTTING SOLUTIONS

## PRODUCTION CAPABILITIES

Maximum Media Size

**13"-19"**

(set in portrait)

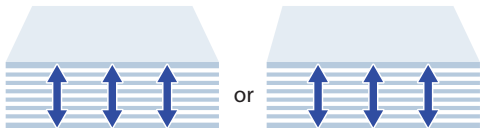


**450 gf Cutting Force**  
**24"/s Cutting Speed**

**450 Grams** of down force enable users to produce small and medium size runs of: labels, business cards heat transfer apparel, and much more.

Using Adobe Illustrator or CorelDraw EPS files, simply add registration marks to the design and import to the iMark Plus Software for fast, high quality results.

**Media Stacking: 1.4"** or **200 Sheets**



(varies by material, thickness and condition of media)



## STANDARD ACCESSORIES

### Standard Accessories - CE7000-40 Cutter

**Blade:**  
CB09UB



**Blade Holder:**  
PHP33-CB09N-HS



**Fiber Pen:** Lumocolor-311-BK  
**Pen Adapter:** PHP31-FIBER

**Blade Loupe:** PM-CT-001

This standard accessory helps to easily adjust blade length



### Standard Accessories - F-Mark2 Unit



**CCD Camera Set**



**USB Hub-Cable**

• Calibration and Test Sheets / Alignment Label



**Exit Tray with Tail Tool:**

To contain and secure sheets after cutting



**Replacement Suction Cups**



**2 YEAR WARRANTY ON CUTTER / 1 YEAR ON FEEDER**

## MARKET APPLICATIONS



**POP - Counter Displays**



**Heat Transfer Apparel**



**Custom Retail Packaging**



**Decorative Gift Boxes**



**Custom Labels**



**Stickers and Decals**

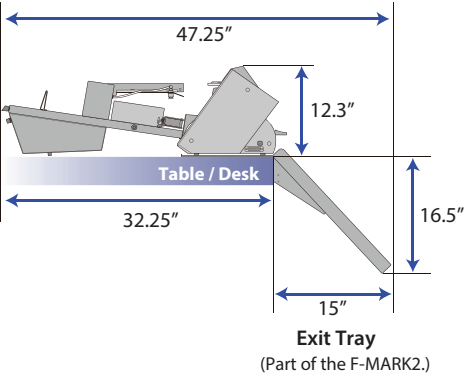
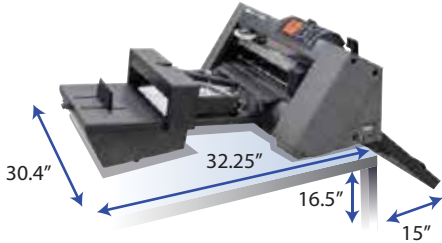


**Business Cards**



**Party Decorations**

# F-MARK2 SPECIFICATIONS

| UNIT                                                                                                                                  | ITEM                                | DESCRIPTION                                                                                                                                                                                                                                                                      |
|---------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Whole System</b><br>(Feeder Unit & Cutter)<br><br> | Supported Standard Sized Media      | 8.5" x 11"<br>(Loaded in landscape orientation)<br><br>12" x 18" and 13" x 19"<br>(Loaded in portrait orientation)                                                                                                                                                               |
|                                                                                                                                       | Interface to PC                     | Single port of USB (The USB hub to connect the auto feeder unit and cutter unit is included)                                                                                                                                                                                     |
|                                                                                                                                       | Power Source                        | 100 to 240 V AC (Three prong power outlet required)                                                                                                                                                                                                                              |
|                                                                                                                                       | Operating Environment               | Temperature: 50 to 95° F<br>Humidity: 35 to 75 % RH (non-condensing)                                                                                                                                                                                                             |
|                                                                                                                                       | Dimensions                          | When the entire system is installed on a table<br>- Size of portion above desk:<br>Approx. W 30.4" x D 32.25" x H 12.3"<br>- Size of portion below desk:<br>Approx. W 30.4" x D 15" x H 16.5"<br>* The CE7000-40 is placed on the edge of the table<br>Refer to the illustration |
|                                                                                                                                       | Weight                              | Approx. 55 lb (25 kg)<br>Cutter Unit: 24.25 lb   Auto Feeder Unit: 22 lb   Catch Tray: 8.8 lb                                                                                                                                                                                    |
|                                                                                                                                       | Exit Tray<br>(Part of the F-MARK2.) |                                                                                                                                                                                                                                                                                  |
| <b>Auto Sheet Feeder</b><br>(F-Mark2)<br><br>       | Supported Media                     | Width: 10.63" to 13.78", Length: 8.27" to 19.69"<br><br>Up to 350 g/m <sup>2</sup><br>(Grams of media that can be handled by the automatic feeder unit)                                                                                                                          |
|                                                                                                                                       | Capacity of Exit Tray               | Up to 200 sheets or up to 1.4" height<br>(Varies by the material, thickness and condition of media)                                                                                                                                                                              |
|                                                                                                                                       | Interface                           | USB2.0                                                                                                                                                                                                                                                                           |
|                                                                                                                                       | Power Source                        | AC adapter, 100 to 240v AC, Approx. 60vA at output power                                                                                                                                                                                                                         |
|                                                                                                                                       | Compatible Standards                | Main body : cNus(UL / cUL), CE mark, FCC<br>AC adapter : UL, cUL, CE mark, FCC, PSE, CCC                                                                                                                                                                                         |
|                                                                                                                                       | Digital Cutting Software            | Supported OS<br>Windows 10, 8.1, 7                                                                                                                                                                                                                                               |
|                                                                                                                                       | Contour Cutting Data Format         | Ai (Illustrator version 8) and CorelDraw EPS<br>(The contour cutting file contains only the contour cutting objects and reference marks saved in the specified format)                                                                                                           |
| <b>Cutter Unit</b><br>(CE7000-40)                                                                                                     | Cutting Speed                       | Max. 24"/s (600mm/s) in all directions                                                                                                                                                                                                                                           |
|                                                                                                                                       | Acceleration                        | Max. 21.2 m/s <sup>2</sup> (2.2G) at 45° direction                                                                                                                                                                                                                               |
|                                                                                                                                       | Cutting Force                       | Max. 450 gf (4.41 N) with CE7000-40                                                                                                                                                                                                                                              |
|                                                                                                                                       | Interface                           | USB 2.0, Ethernet 10BASE-T/100BASE-TX                                                                                                                                                                                                                                            |
|                                                                                                                                       | Power Source                        | 100 to 240 V AC                                                                                                                                                                                                                                                                  |
|                                                                                                                                       | Power Consumption                   | Up to 100W                                                                                                                                                                                                                                                                       |
|                                                                                                                                       | Compatible Standards                | UL, cUL, CE mark, RoHS Directive                                                                                                                                                                                                                                                 |