

F-Mark Auto Sheet Feeder Unit

Automatically cut pre-printed sheets with the F-Mark Automatic Die Cutter.

The F-Mark Automatic Sheet Cutter is designed to contour cut and die cut pre-printed sheets without the need for operator supervision.

The mechanical feeding mechanism automatically picks up the pre-printed sheets and feeds them into

the integrated Graphtec cutter. The camera mounted onto the cutter quickly detects the two-point registration marks.

The sheets are then cut and dropped into a catch tray.





GRAPHTEC
CUTTING PLOTTER
CE6000-40 Plus

GRAPHTEC

Production Work **Flow**

The F-Mark makes producing bespoke labels, packaging, and a variety of other jobs fast, easy and cost effective. Design the job in Illustrator or CorelDRAW, print it out on sheets up to SRA3 in size and leave the sheets to be automatically die or kiss cut by the F-Mark Die Cutter.



Design

Print and cut files can be produced in Adobe Illustrator or CorelDRAW.

The F-Mark is provided with an AI template leaving the designer with the task of simply dropping the artwork and cut lines onto the template.

Print

Once the artwork has been produced it is then printed and, if desired, laminated.

The feeder tray for the F-Mark can hold approximately 200 sheets at a time, though it can be topped up as it cuts.

Cut

The printed sheets are then placed into the F-Mark's feeder tray and the cut specifications are set in the F-Mark's dedicated driver.

The machine operator instructs the F-Mark to start cutting and the machine will automatically process the sheets freeing up the operator's time to work on other jobs.

The F-Mark can cut around printed images from the back of the sheet ensuring that the print is left undamaged by the score/fold lines.



GRAPHTEC
GETTING YOU ON THE
CE8300R

GRAPHTEC

Speed, Reliability & Quality

GRAPHTEC

Up to 200 sheets (depending on thickness) can be loaded into the F-Mark's auto feeder unit. The mechanical arm automatically picks up the sheets and feeds them into the Graphtec CE6000-40 Plus Cutting Plotter. A built in CCD camera reads the two-point registration marks allowing the Graphtec cutter to accurately kiss or die cut the printed sheets utilizing a maximum of 450 grams of cut force. Once the sheets have been cut they drop into the catch tray ready to be collected.

Catch Tray

Once the sheets have been cut they drop into the catch tray ready to be collected.





Camera

The precision camera detects the two-point registration marks for accurate aligning of the contour and printed images.

Auto Sheet Feeder

A mechanical arm with vacuum suction picks up the sheets and automatically loads them into the cutter.

Cutting Head

The cutting head on the Graphtec CE6000-40 Plus cutter has 450grams of cutting force giving it the ability to cut many types of card stock up to 350-400gsm.

Bespoke **Short-run** Solutions

In this age of digital print, we have developed a great solution for short run die cutting, scoring or kiss cutting utilising the amazing F-mark from Graphtec. Don't let tooling costs get in your way ever again.



Auto Sheet Feeder

The Auto Sheet Feeder automatically picks up pre-printed sheets and feeds them into the integrated Graphtec cutter to be cut.



Camera

The CCD camera quickly scans the two-point registration marks with a precision of approx. 0.2mm.



Kiss Cut

The F-Mark can accurately contour cut around printed images using its two-point registration mark system.



Die Cut

Sheets of card can be die cut using the perforation cut mode. Separate cut and score lines can be set in the software allowing for both die cut and score lines to be created in a single job.



Reverse Cut

Card can be cut and scored from the back of the sheet ensuring that the printed surface of the sheet is unaffected by the score/fold lines.



Catch Tray

The catch tray collects the sheets once they have been cut.



Short Run Labelling

Create bespoke labels for a wide variety of applications. Design the shapes in Adobe Illustrator and send them to the F-Mark to be cut.



Tags

Custom tags with loopholes.



Business Cards

Produce custom business cards with bespoke shapes including rounded corners and cut-outs.



POS

Produce creative point of sale, splashers, barkers, price tags and customized promotional items.



Bespoke Packaging

Bespoke packaging with fold lines. Sheets can be cut and scored from the reverse side of the sheet ensuring that the print is undamaged by the score/fold lines.



Folders/Stationary

Produce custom stationary including folders with separate fold and cut lines.

Specifications

Item		Part No.
Auto Sheet Feeder Unit		F-MARK
Specification		
Unit	Item	Description
Whole system (Auto sheet feeder unit with cutter unit)	Supported standard sized media	A4 (297 x 210 mm), SRA4 (320 x 235 mm) (It is loaded with landscape orientation.)
		A3 (297 x 420 mm), A3+ (typical 329 x 483 mm), SRA3 (320 x 450 mm) (It is loaded with 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 (It is required three power outlet.)
	Operating environment	Temperature: 10 to 35 °C, Humidity: 35 to 75 % RH (non-condensing)
	Dimensions	When the entire system is placed on the table - Size of the upper part from the table: Approx. 672 (W) x 820 (D) x 266 (H) mm - Size of the lower part from the table: Approx. 672 (W) x 380 (D) x 420 (H) mm * The CE6000-40/PLUS is placed to edge of table. <i>Refer the illustration of Dimensions.</i>
Weight	Approx. 25 kg (Cutter unit: 11 kg, Auto feeder unit: 10 kg, Catch tray: 4kg)	
Auto sheet feeder unit (F-Mark)	Supported media	Width: 279 to 350 mm, Length: 210 to 500 mm (up to 700 mm when the option bracket is installed.)
		Up to 350 g/m ² (It is the grammage of the media that can be handled by the automatic feeder unit.)
	Capacity of supply tray	Up to 200 sheets or up to 35mm height (It varies by the material, thickness and condition of media.)
	Interface	USB 2.0
	Power source	AC adapter, 100 to 240 V AC, Approx. 60 VA at output power
Compatible Standards	Main body : cNus mark, CE mark, FCC	
	AC adapter : UL, cUL, CE mark, FCC, PSE, CCC	
Digital Cutting Software	Supported OS	Windows 10, 8.1, 8, 7
	Contour cutting data format	ai (Illustrator version 8) and eps
Cutter unit (CE6000-40/PLUS)	Acceleration	Max. 21.2 m/s ² (2.2 G) at 45° direction
	Cutting force	Max. 2.94 N (300 gf) with CE6000-40, Max. 4.41 N (450 gf) with CE6000-40 PLUS
	Interface	USB 2.0
	Power source	100 to 240 V AC
	Power consumption	Max. 120 VA
Compatible Standards	UL, cUL, CE mark, RoHS Directive	

Options

Options

Item	Description
Extended bracket of rear media guide	Bracket to support long media up to 700 mm
Media catch tray partition bracket	Bracket to set area on media catch tray for using small media

Dimensions

