GRAPHTEC FCX2000 SERIES

IN-HOUSE PROTOTYPING
SPECIALIZED PRODUCTION

The **Graphtec FCX2000** is a versatile, high-power flatbed for in-house package prototyping and specialized production. Finish jobs faster without switching tools with the dual tool holder for Graphtec blades, creasers, and pens. Unique to the FCX2000 is an adjustable tool head which allows extra room for thick substrates, and a roll media stocker for efficient processing of roll media.

Vacuum Media Hold-down

The FCX2000 utilizes vacuum suction generated by an external vacuum pump to hold media securely in place during processing. This method is best suited for heavy / thick materials.

The improved cutting table features reduced vacuum hole spacing that provides stronger, more consistent hold.

ARMS 6.0

Graphtec's renowned **A**dvanced **R**egistration **M**ark **S**ensing system swiftly reads registration marks printed from any printer to accurately contour cut and crease down to the smallest details. ARMS automatically compensates for media skew, print shrinking, and determines the optimal cutting order of objects. The sophisticated LED sensor also reads marks printed on challenging materials such as high-gloss, laminates, glitter, metallic, and high intensity reflective.

Reverse-Side Processing	Curved Crease Lines	Expanded Print & Cut
Cut and crease on the opposite side of media to protect graphics.	Add a new dimension to your packaging with curved crease lines with the optional PM-CT-002 tool.	Print & Cut material outside of registration marks for up to 30% higher yield.

	FCX2000-60VC	FCX2000-120VC	FCX2000-180VC
Effective Cutting Area	24" x 36"	47.2" x 36"	70.8" x 36"
Unit Dimensions (includes stand)	W 52.9 x D 55.4 x H 36.6 in	W 76.1 x D 55.4 x H 36.6 in	W 99.7 x D 55.4 x H 36.6 in

Specifications

For more information and tutorials visit www.graphtecamerica.com

Max. Cutting Speed	16 in/s (1 to 40 cm/s in 16 steps), in all directions	Compatible Standard	**Safety:** UL60950-1/cUL, CE marking (low-voltage and EMC) **EMC:** FCC-A, EN55032-A
Cutting Force	**Tool 1:** Max. 500 gf **Tool 2:** Max. 1000 gf **Tool 1 & 2 Settings:** in 40 steps	Min. Character Size	Approx. 10 mm square (varies by font & media types)
Media Hold Down Method	Vacuum suction	Roll Media Support (Width, Weight)	Manual feeding,up to 3'1.4" width, up to 11 lbs
Interface	USB2.0 / Ethernet / RS-232C	**COMPATIBLE MEDIA**	
Distance Accuracy	Max. 0.1% of the distance moved or 0.1 mm, whichever is larger (in plotting mode)* * When operated with Graphtec specified media and conditions.	Self-adhesive marking film (vinyl, fluorescent, reflective) Heavy paper/board (pattern paper, oil board) Compressed foam sheet Sandblast resist rubber Microflute board (F/G grades) Magnet Cardboard (E-Flute) Clear sheet for plastic boxes High-intensity reflective film	
Power Source	100 to 240 V AC, 50/60 Hz (auto switching), Max. Consumption 140 VA		
Control Panel	3.7" Graphical LCD	**APPLICATIONS**	
Software	• Cutting Master 4 Plugin (Win/Mac) • Graphtec Pro Studio (Win) • Graphtec Studio (Mac)	• Packaging mock-ups • Traffic & commercial Signage • POP displays • Garment & shoe patterns • Decals & labels	• Monument stencil • High-function film protectors • Industrial / electronic components • Coating plates & offset blankets
Compatible OS	Win 10/8.1/8/7, Mac 10.7-10.13.1		
Warranty	2-Yr parts & labor warranty		
Stand	Included with all models		

Cutting Master 4   (Included)

Cutting Master 4, the latest **plug-in software** for Adobe Illustrator and CorelDRAW Graphics Suite. Send cutting data to the plotter, view cut preview, add registration marks, edit tool conditions/job settings, and more. This easy to use plug-in enables you to get the best performance from your plotter.

Compatible: Win 10/8.1/8/7 Mac 10.7-10.14
Supported Software: Adobe Illustrator CC14-CC19, CC, CS5-CS6, CS4(Win only) | CorelDRAW 2017-2019, X4-X8
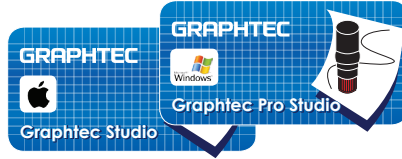
Graphtec Pro Studio / Graphtec Studio (Included)

Easy-to-use application software for creating and cutting original designs. Includes enhanced functions such as auto-shapes, shading, and editing functions. It can also configure the cutting conditions and other settings on the plotter. EPS / Ai* / CMX*/ PDF* file compatibility allows users to import pre-existing designs.

* Available in Graphtec Pro studio.

Compatible: Win 10/8.1/8/7
Graphtec Studio for Mac 10.5-10.14

Graphtec Pro Studio Plus

This optional software possess advanced functions for optimal productivity and advanced designing. **Functions include:** transformation of characters & graphics, bar code creation, nesting, deformation, shadow, and stripe of texts & shapes, spell check, vectoring, filter for bitmap image, and many more.

Compatible: Win 10/8.1/8/7

Standard Accessories

For genuine Graphtec accessories, find a dealer near you by visiting www.graphtecamerica.com

FCX4000 SERIES

Standard Accessories (included)	**Printed docs:** quick guide, safety & cutting blade manual **Blade:** CB15U-1 (1 pc/pack) **Blade-holder:** PHP35-CB15-HS **Loupe:** PM-CT-001, for checking blade length **Fiber-tip pen:** KF700-BK (Black) & PHP31-FIBER (pen-holder) Power cable, USB cable 2.9 m **Protection sheet*:** PM-CR-002 for FCX4000-50ES, PM-CR-003 for FCX4000-60EA Transparent vinyl, thickness 0.3 mm * Protection sheet prevents damage to the writing panel of the FCX4000 when cutting without a backing sheet. Electrostatic absorption can be used even if a protect sheet is installed to the plotter.

Optional

Blade	CB09UB-5, CB15U-5, CB15U-K30-5, CB15UA-5, CB15UA-K30-5
Blade-Holder	PHP33-CB09N-HS, PHP33-CB15N-HS, PHP35-CB09-HS, PHP35-CB15-HS
Fiber-Tip Pen	KF700-BK (black), KF700-RD (red), KF700-BL (blue)
Pen Holder	PHP31-FIBER, for KF700 series
Creasing Tool	CP-001: stick style, 1 mm tip PM-CT-002: ball on tip of stick style, 1.5 mm dia
Loupe	PM-CT-001 for checking the length of the extruded blade tip
Cling Mat	PM-CM-001 (TBA) for film based type material, size 26" x 19" PM-CM-002 (TBA) for paper based type material, size 26" x 19"
Adhesive Sheet	CM-0003-R1A, adhesive sheet (double-sided adhesive coated sheet), size 21.4" x 65' 7.4" (supplying in roll)
Protect Sheet	PM-CR-002 for FCX4000-50ES transparent vinyl, thickness 0.3 mm PM-CR-003 for FCX4000-60ES transparent vinyl, thickness 0.3 mm

FCX2000 SERIES

Standard Accessories (included)	**Printed docs:** quick guide, safety manual **Blade:** CB15U (2 blades), CB15U-K30 (5 blades) **Blade-holder:** PHP35-CB15-HS **Loupe:** PM-CT-001, for checking blade length **Fiber-tip pen:** KF700-BK (Black) & PHP31-FIBER (pen-holder) **Durable flexible hose:** for VC models only, 1.5-5 m **Hose band:** 2pcs, for VC models only, to fix the hose **Others:** power cable, height adjustment tool, USB cable, roll media stock, stand

Optional

Blade	CB09UB, CB09UB-K60, CB15U, CB15U-2SP, CB15U-5SP, CB15UA, CB15U-K30, CB15UA-K30, CB30UC-1, PM-CB-001
Blade-Holder	PHP31-FIBER, PHP33-CB09N-HS, PHP33-CB15N-HS, PHP34-BALL, PHP34-CB30-HS, PHP35-CB09-HS, PHP35-CB15-HS, PHP35-CB15N-HS, PHP71-SHARPIE
Fiber-Tip Pen	KF700-BK (black), KF700-RD (red), KF700-BL (blue)
Pen Holder	PHP31-FIBER, for KF700 series
Creasing Tool	CP-001: stick style for heavy paper CP-002: roller type for heavy paper CP-003: roller type for cardboard PM-CT-002: ball on tip of stick style for curve on heavy paper
Ballpoint Pen	KB700-BK, oil-based ballpoint pen (black)
Pen-Holder	PHP34-ball, for KF700-BK pen
Cling Mat	PM-CM-004 (TBA) for film based type material, size 26" x 19" PM-CM-005 (TBA) for paper based type material, size 26" x 19"
Adhesive Sheet	CM-0003-R1A, adhesive sheet (double-sided adhesive coated sheet), size 21.4" x 65' 7.4" (supplying in roll)

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- Items mentioned are subject to change without notice. For more information about product, please check the website or contact your local representative.

RoHS compliant product

FOR SAFE OPERATION OF EQUIPMENT

- Before use, please read the user manual and operate properly in accordance with the description.
- To avoid malfunction or an electric shock by current leakage or voltage, please ensure a ground connection and use according to the specification.

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TIP

Graphtec offers Extended Warranty for up to 5 years on specific models

Upgrade within 90 days of your purchase date at:
www.graphtecamerica.com

Tech Support / Service Centers

Get help on parts and services, please find Graphtec Authorized Service Centers near you at:
www.graphtecamerica.com

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