



GRAPHTEC FCX4000 SERIES

CUT-ON-DEMAND LOW-TO-MEDIUM PRODUCTION

The **Graphtec FCX4000** is a high-speed, compact solution for low-to-medium size print-on-demand production. Offered as a tabletop cutter with optional stand, the FCX4000 easily fits within the constraints of most workspaces. Finish jobs faster without switching tools with the dual tool holder for Graphtec blades, creasers, and pens.

Electrostatic Media Hold-Down



The FCX4000 utilizes electrostatic generated by electrodes inside the panel to hold down media. This method is best suited for lightweight materials, however thicker materials may also be used.

ARMS 6.0

Graphtec's renowned **Advanced Registration Mark Sensing** 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.

USB Operation

Send jobs at the push of a button, without a PC or internet connection.

Barcode Generation

Generate barcodes to automatically load files and cutting conditions for specific projects.

ARMS Copy

Reads only 1 registration mark of subsequent copies of the same job, greatly increasing production speed.

	FCX4000-50ES	FCX4000-60ES
Effective Cutting Area	25.98" x 19.21"	38.42" x 25.98"
Unit Dimensions (includes stand)	W 42.87 x D 35.31 x H 8.03 in	W 55.31 x D 42.08 x H 8.03 in

Specifications

For more information and tutorials visit www.graphtecamerica.com

Max. Cutting Speed	29.5" / sec (1 to 75cm/s in 23 steps)	Compatible Standard	Safety: UL60950-1/cUL, CE marking (low-voltage and EMC) EMC: FCC-A, EN55032-A, CE mark (EN85032, others)
Cutting Force	Tool 1: Max. 600 gf Tool 2: Max. 600 gf Tool 1 & 2 settings: in 48 steps		
Media Hold Down Method	Electrostatic	Min. Character Size	Approx. 10 mm square (varies by font & media types)
Interface	USB2.0 / Ethernet / RS-232C	COMPATIBLE MEDIA	
Distance Accuracy	Max. 0.2% of the distance moved or 0.1 mm, whichever is larger (in plotting mode)*	Self-adhesive marking film (vinyl, fluorescent, reflective)	
Power Source	100 to 240 V AC, 50/60 Hz (auto switching), Max. Consumption 140 VA	Stiff paper/card (for stencils, etc)	
Control Panel	3.7" Graphical LCD	Polystyrene foam	
Software	<ul style="list-style-type: none"> Cutting Master 4 Plugin (Win/Mac) Graphtec Pro Studio (Win) Graphtec Studio (Mac) 	Magnet	
Compatible OS	Win 10/8.1/8/7, Mac 10.7-10.13.1	Sandblast rubber sheets	
Warranty	2-Yr parts & labor warranty	Micro flute board (F/G grades)	
Stand	Optional (available for purchase)	Clear sheets for plastic boxes	
		High-intensity reflective film	
		for materials that can not be held down by electrostatic, it is required to use the optional cling mat or adhesive sheet.	
		APPLICATIONS	
		<ul style="list-style-type: none"> Decals & Labels Packaging mock-ups POP Displays 	<ul style="list-style-type: none"> Traffic & commercial signage High-function film protectors Monument stencil

Software

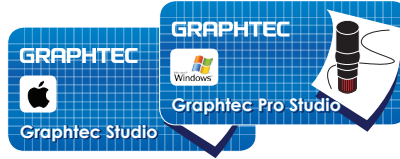
For software information and tutorials visit www.graphtecamerica.com



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

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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.



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.

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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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

www.graphtecamerica.com 949.770.6010 Toll-free 800.854.8385