GRAPHTEC

PRECISION CUTTING SOLUTIONS

ROLLFEED CUTTERS
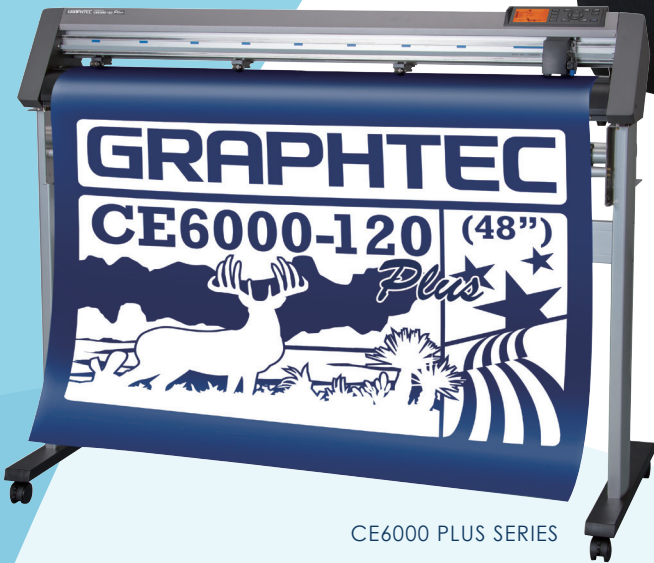
FC8600 SERIES

CE6000 PLUS SERIES

AUTOMATIC SHEET CUTTER (ASC)

CE LITE-50

GRAPHTEC FC8600 SERIES
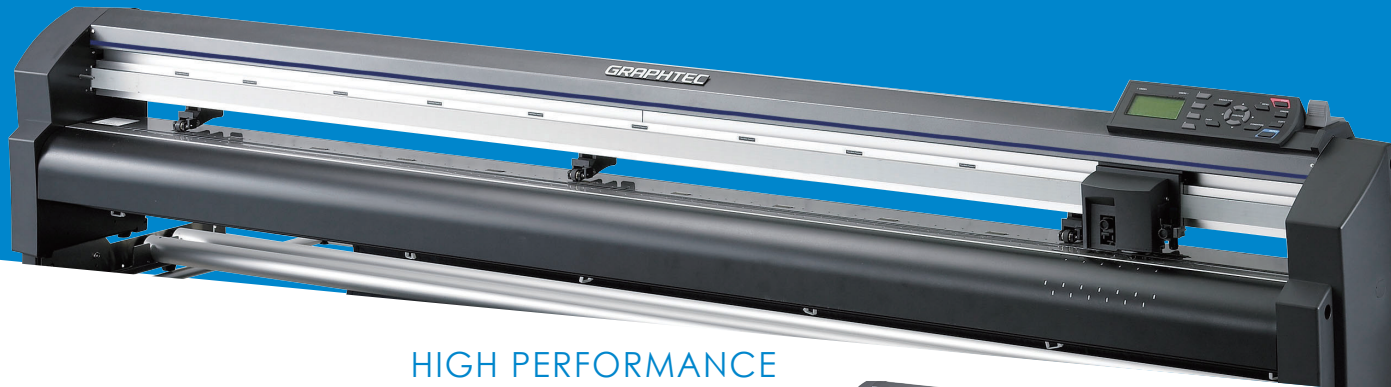
HIGH PERFORMANCE

54"
42"
64"
30"
24"

ARMS 5.0

Graphtec's renowned Advanced Registration Mark Sensing system produces high precision print & cut results - even on challenging materials such as high gloss and high intensity reflective.

PERF / DIE CUT

Efficiently perf cut pre-printed decals with preset tool settings and cutting channel.
This method prevents damage to your blade and cutting plotter.

EXPANDED AREA CUTTING

Graphtec utilizes media more efficiently than the competition.
Smaller side margins and the ability to cut printed objects outside
of the registration marks yields up to 30% higher output.

ISM (INTELLIGENT SENSING MODE)

ISM utilizes an advanced scanning algorithm that accurately cuts graphics
printed on high intensity reflective, ultra-gloss, and textured media.

ISM (Intelligent Sensing Mode)

	FC8600-60	FC8600-75	FC8600-100	FC8600-130	FC8600-160
Max. Cutting Area	24 in x 164 ft	30 in x 164 ft	42 in x 164 ft	54 in x 164 ft	64 in x 164 ft
Compatible Media Widths	2 in to 30.3 in	2 in to 36.2 in	2 in to 48.2 in	2 in to 60.2 in	2 in to 72.5 in
Unit Dimensions with Stand	44 x 28 x 48 in	50 x 28 x 48 in	61.8 x 28 x 48 in	73.6 x 28 x 48 in	84 x 28 x 48 in
No. of Push Rollers	2 rollers	2 rollers	3 rollers	3 rollers	4 rollers

Specifications

For more information and tutorials visit www.graphtecamerica.com

Max. Media Thickness	59.1 mil (1.48 mm)	ARMS	5th Gen. Advanced Registration Mark Sensing System
Max. Cut Speed	58.5 in/s (1485 mm/s)diagonal	Interface	Ethernet, USB 2.0 high-speed, Serial RS-232C
Programmable Cutting Force	20 gf - 600 gf in 48 steps	Display Panel	3" graphic LCD w/comprehensive icon-corresponding soft keys
Sheet Cutter Max. Thickness	11 mil including media release liner (backing)	Standard Accessories (included)	Blade: CB09UB Blade-holder: PHP33-CB09N-HS Water-based fiber tip pen: KF700-BK Fiber pen adapter: PHP31-Fiber Power cable & USB cable, Software: Cutting Master 4 for Ai (Mac&Win) for CorelDraw (Win) Graphtec Studio (Mac), Graphtec Pro Studio (Win)
Programmable Resolution	GP-GL™: 0.1/.05/.025/.01 mm; HP-GL®: 0.001 in (0.025 mm); HP-GL™: 254, 508, 1016, 2540; HP-GL®: 1016		
Command Modes	GP-GL™, HP-GL® (selectable in command menu or auto detection)		
Compatible Media Types[1] (1) Additional (optional) push rollers may be required.	Self-adhesive vinyl film, diamond grade, fluorescent film, reflective film, Amberlith™, Rubylith™, Sandblast resist rubber, high-intensity reflective film, prismatic reflective sheeting, window tint film, paint protection film, automotive paint protection film, etc.	Compatible OS	Win 10/8.1/8/7 Mac 10.7-10.14
		Warranty	3-Yr parts & labor warranty

GRAPHTEC CE6000 PLUS SERIES

PROFESSIONAL

24"

48"

15"

ARMS 5.0

Graphtec's renowned Advanced Registration Mark Sensing system produces high precision print & cut results. Easily produce copies directly from the cutter using the copy button.

INTUITIVE OPERATION

The large 3.7" LCD screen makes navigation simple for all users. Set up to 16 preset cutting conditions for your most commonly used materials - giving you the perfect cut every time.

EXPANDED AREA CUTTING

Graphtec utilizes media more efficiently than the competition. Smaller side margins and the ability to cut printed objects outside of the registration marks yields up to 30% higher output.
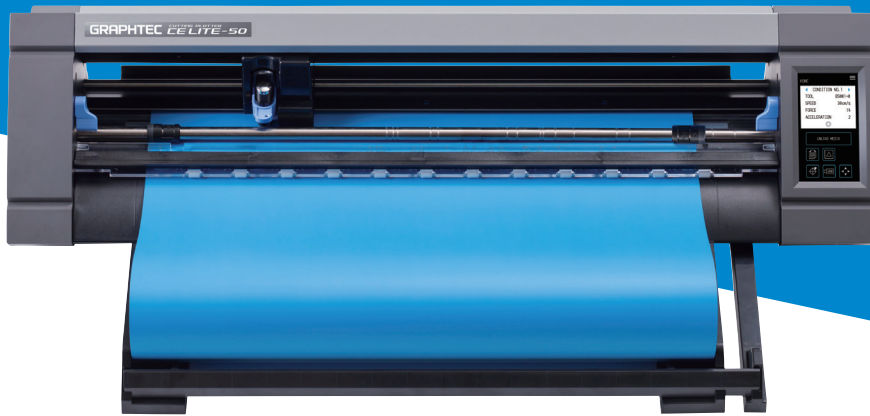
Expanded Area Cutting
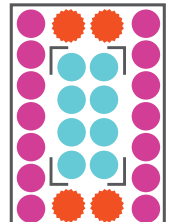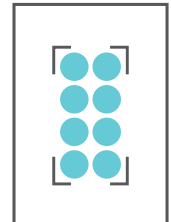
Conventional Cutting Plotter

Graphtec Extended Area Cutting

	CE6000-40 PLUS	CE6000-60 PLUS	CE6000-120 PLUS
Max. Cutting Area	14.76 in X 164 ft	23.7 in x 164 ft	47.8 in x 164 ft
Compatible Media Widths	2 in to 19 in	2 in to 28 in	2 in to 53 in
Max. Cutting Speed	24 in/s (600 mm/s) in all directions	35 in/s (900 mm/s) at 45° direction	40 in/s (1000 mm/s) at 45° direction
Unit Dimensions	26.5 x 13.3 x 10.5 in	35.4 x 23.3 x 41 in	60.7 x 29 x 49.2 in

Specifications

For more information and tutorials visit www.graphtecamerica.com

|			
Max. Media Thickness	25 mil (.63 mm) Cutting Graphtec rhinestone stencil material GRS1510-m	ARMS	5th Gen. Advanced Registration Mark Sensing System
Programmable Cutting Force	20 gf - 450 gf in 38 steps	Command Modes	GP-GL™, HP-GL® (selectable in command menu or auto detection)
Cut Thru Media and Backing	**CE6000-60, CE6000-120** when using cutting mat/carrier sheet only[1] **CE6000-40** now includes perf / die cut (perf / die cut - efficiently perf cut pre-printed decals with preset tool settings and cutting channel. This method prevents damage to your blade and cutting plotter.)	Display Panel	3.7" Graphic LCD w/backlight (240 x 128 dots) supports 10 languages
Programmable Resolution	GP-GL™: 0.1, 0.025, 0.05, 0.1 mm; HP-GL™: 0.001 in (0.025 mm)	Standard Accessories (included)	Blade: CB09UB Blade-holder: PHP33-CB09N-HS Water-based fiber tip pen: KF700-BK Power cable & USB cable, Stand (60& 120 models only) Software: Cutting Master 4 for Ai (Mac&Win) for CorelDraw (Win) Graphtec Studio (Mac), Graphtec Pro Studio (Win)
Compatible Media Types	Self-adhesive vinyl film, light reflective film (except high-luminosity), Amberlith™, Rubylith™, etching resist, paint masking film, rhinestone pattern media, heat transfer vinyls: flex, flock, image transfer media, vinyl print media, card stock up to 10pt (220 g/m²)[1] (1) Must use cutting mat/carrier sheet for any/all cut thru (media and backing) applications.		
		Compatible OS	Win 10/8.1/8/7 Mac 10.7-10.14
		Warranty	2-Yr parts & labor warranty
Interface	USB 2.0 high-speed	Serial RS-232C		

GRAPHTEC CE LITE-50

HOME-BASED BUSINESS & ADVANCED CRAFTING

ARMS 7.0

ARMS 7.0 technology ensures efficient, high precision print and cut jobs. CE Lite-50 detects registration marks on the media to accurately align the position of the cutting line to the printed image on various materials including glitter and metallic.

cut line

1 Create the design **2** Print **3** Cut **4** Completed
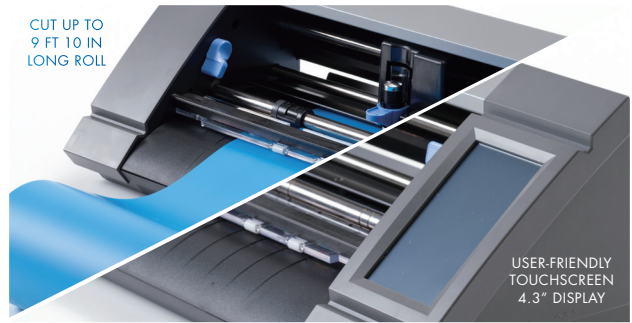
CUT UP TO
9 FT 10 IN
LONG ROLL

USER-FRIENDLY
TOUCHSCREEN
4.3" DISPLAY

USB OFFLINE OPERATION

USB offline barcoding automatically loads saved cut data, sets tool conditions, and processes the job at the push of a button - without requiring a PC connection.

CONTINUOUSLY CUT ROLL MEDIA

Max. guaranteed cutting media width up to 20", roll media up to 118" long using the roll media stocker.

	CE LITE-50
Max. Cutting Area	13 x 19 in (with carrier sheet) 20 x 118 in (without carrier sheet)
Compatible Media Width	8.2 in to 20 in
Max. Cutting Speed	19.7 in/s in all direction
Unit Dimensions	30.87 x 8.94 x 6.46 in body only, without roll media stocker

Specifications

For more information and tutorials visit www.graphtecamerica.com

Media Type	Up to 4 mil (0.1 mm) thick self-adhesive film Up to 40mil (1mm) thick using optional PM-BS-002 blade	Interface	USB 2.0
		Storage Device	USB memory ext. input
Mountable Roll Media Type ▪ Diameter ▪ Weight	2" paper tube: Max. dia 5.9", Min. dia 2.07" 3" paper tube: Max. dia 5.9", Min. dia 3.07" Max. weight 5.51 lbs	Power Source	100-240 V AC, adapter output 24 V DC (2A)
		Display Panel	4.3" Touch screen display
		Compatible OS[3]	Win 10/8.1/8/7 Mac 10.6-10.14
Weight	Approx. 17.64 lbs (8 kg) without roll media stocker	Standard Accessories (included)	Standard/Long Blade, carrier sheet: W 13" (330 mm), separate cutter: manually cutting from sheets and rolls, roll media stocker, USB cable 59" long, setup & safety manual (10 languages) Software[3]: Cutting Master 4, Graphtec Pro Studio, Graphtec Studio (for Mac)
Max. Cutting Force	210 gf		
Blade Type / Pen Type	Super steel Blade / Available with pen adapter[2]		
Mountable Media Width	Max. 18.81" Min. 8.26"	Warranty	1-Yr parts & labor warranty

(1) When operated with Graphtec specified media and conditions. (the roll media stocker is used for long media). (2) It requires the pen plunger for CE Lite-50 (optional). The diameter range of available water-based felt-tipped pen: 6.4 -10.1 mm. There are 3-types of pen adapter to match the width of water-based felt-tipped pen. *There are cases where the pen is not available depending on the width. (3) Win & Mac software available at www.graphtecamerica.com or contact local dealer near you.

GRAPHTEC AUTOMATIC SHEET CUTTER

custom apparel · heat transfer
business card · pop · paper decoration

- Contour & Perforated Cut
- Precision iMark Technology
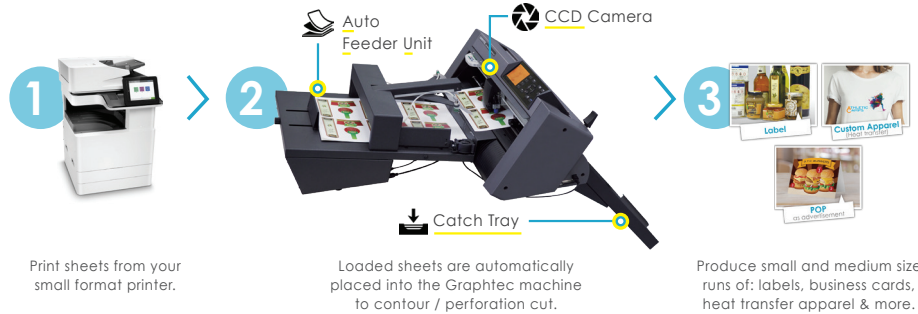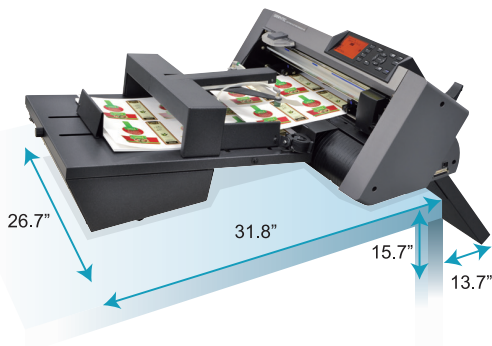- Perfect Sheet Alignment
- Custom ASC Software
- Handle Up To 200 Sheets
- Precision Grade of 0.2 mm
- Add sheets w/o Resending Job
- Avg. 30-40 Sec Per Sheet

26.7"
31.8"
15.7"
13.7"

1 Print sheets from your small format printer.

2 Loaded sheets are automatically placed into the Graphtec machine to contour / perforation cut.

Auto Feeder Unit
CCD Camera
Catch Tray

Label
Custom Apparel (Heat Transfer)
POP as advertisement

3 Produce small and medium size runs of: labels, business cards, heat transfer apparel & more.

Specifications

For more information and tutorials visit www.graphtecamerica.com

Whole System (Auto sheet feeder unit with cutter unit)

Supported Media Size	Min. 8.5" to 11", Max. 13" to 19"
Interface	USB 2.0 high-speed
Power Source	100 to 240 V AC (requires 3-power outlets) Approx. 60 VA at output power
Capacity of Supply Tray	Up to 200 sheets or up to 35 mm height (varies by the material, thickness and condition of media)
Dimensions	When the entire system is placed on a table - Size of portion above desk Approx. W 26.4" x D 32.2" x H 10.4" - Size of portion below desk Approx. W 26.4" x D 14.9" x H 16.5" * The CE6000-40 Plus is placed on the edge of the table.
Weight	Approx. 55 / cutter 24 lbs, auto feed 22 lbs, catch tray 8 lbs

Digital Cutting Software

Supported OS	Windows 10, 8.1, 8, 7
Required Software	Adobe Illustrator or CorelDraw
Included Software	iMark

Cutter Unit (CE6000-40 Plus)

Cutting Speed	Max. 24"/sec (600mm/sec) all directions
Acceleration	Max. 21.2 m/s^2 (2.2 G) at 45° direction
Cutting Force	Max. 450 gf with CE6000-40 Plus
Compatible Standards	Main body: cNus mark, CE mark, FCC AC adapter: UL, cUL, CE mark, RoHS Directive, FCC, PSE, CCC
Warranty	2-Yr Parts & labor warranty

Software

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
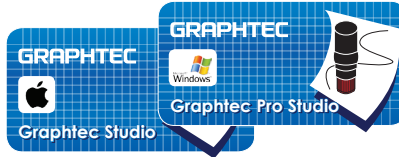
Graphtec Pro Studio / Graphtec Studio (Included)

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

Accessories

For genuine Graphtec accessories find a dealer/service centers near you by visiting www.graphtecamerica.com

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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.

RoHS compliant product

FC8600 SERIES

Blade	CB09UB, CB09UB-K60, CB15U, CB15U-K30, CB15UA, CB15UA-K30, CT01H, CT02U
Blade-Holder	PHP31-Fiber, PHP33-CB09N-HS, PHP33-CB15N-HS, PHP34-BALL, PHP35-CB09-HS, PHP35-CB15-HS, PHP35-CB15N-HS
2nd Pen Holder	ECK0009 for dual tool configuration (dealer option)
Flange	OPH-A21, flange for media holding
Push Roller	OPH-A22
Water-Based Fiber-Tip Pen	KF700-BK (black), KF700-RD (red), KF700-BL (blue)
Pen Holder	PHP31-Fiber for KF700 Pen
Oil-Based Ballpoint Pen	KB700-BK (black)
Pen Holder	PHP34-Ball for KB700 Pen
Pouncing Tool	PPA33-TP12, steel pin 1.2 mm dia.

CE6000 PLUS SERIES, AUTOMATIC SHEET CUTTER

Blade	CB09UB, CB09UB-K60, CB15U, CB15UA, CB15UA-K30
Blade-Holder	PHP31-Fiber, PHP33-CB09N-HS, PHP33-CB15N-HS, PHP34-BALL, PHP35-CB09-HS, PHP35-CB15-HS, PHP35-CB15N-HS
Media-Catch Basket	ST0100 for CE6000-60, PG0100 for CE6000-60, PG0101 for CE6000-120
Loupe	PM-CT-001, for checking length and quality of blade tip
Water-Based Fiber-Tip Pen	KF700-BK (black)
Pen Holder	PHP31-Fiber for KF700 Pen
Oil-Based Ballpoint Pen	KB700-BK (black)
Pen Holder	PHP34-Ball for KB700 Pen

CE LITE-50

Blade	PM-BS-001, PM-BS-002
Pen Adapter	PM-BH-001, dia. 6.4 - 10.1 mm
Carrier Sheet	PM-CM-003, PM-CM-004
Cutting Mat	PM-CR-001
Separate Cutter	PM-CC-001, for manually cutting from sheets and rolls

GRAPHTEC
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For more product information, tutorials, video training, software, FAQ, technical support, warranty, dealer & service locations, please visit:

www.**graphtecamerica**.com

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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 contact Graphtec Authorized Service Centers near you at:
www.graphtecamerica.com