

# GRAPHTEC

# NEW

## Create original goods Build your Business!

with the CE LITE-50

### Cutting Plotter

Supports  
**Adobe Illustrator**  
and  
**CoreIDRAW**

Intuitive  
operation by  
**4.3 inch**  
touch panel



Max. mountable width of  
**500 mm (20 inches)**

**Direct key menu**  
Copy, Cut test, Home,  
Move position,  
USB offline operation

**Supports 10 languages**  
English, French, German, Spanish,  
Italian, Portuguese, Russian,  
Chinese, Korean, Japanese

Begin cutting instantly with  
enhanced standard software.

Continuously cut roll media  
up to 3 m long using the included  
roll media stocker.

**20sec  
per sheet.**  
Required time to cut  
contour the reference  
sample

### High Quality, Low Cost!!

Maximum cutting speed of 500 mm/s  
efficiently produces art for your business.



### Improved productivity of Print & Cut applications

#### ARMS Print & Cut

**ARMS7.0**

Using ARMS Print & Cut, the plotter detects registration marks on the media to accurately align the position of the cutting line to the printed image. ARMS7.0 is able to detect marks on a media with various color surface.



\* The marks may not be detected by condition of the media.

#### Simple Print & Cut

**New Function**

When using sheets, the CE LITE-50 finds the edge of the media and aligns the position of the contour cut line to the printed image without registration marks. (Must use a standard size) The maximum cutting area can be utilized regardless of color or shading of media because registration marks do not need to be printed.



\* Position accuracy depends on the quality of the printer.  
Contour cutting position might be required fine adjustment.

Est. 1991

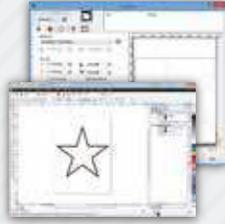
**DESIGNSUPPLY**  
supporting creativity

# Start cutting immediately with enhanced software.

Adobe Illustrator and CorelDRAW plug-in software

## Cutting Master 4

Cutting Master 4 is a 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.



<b>Compatible OS*1</b>	Windows 10/8.1/8/7   Mac OS X 10.7 - macOS 10.13 (High Sierra)
<b>Supported Software*1</b>	Adobe Illustrator CC2018/CC2017/CC2015.3/CC2015/CC2014/CC/CS6/CS5/CS4*2 CorelDRAW Graphics Suite 2017/X8/X7/X6/X5/X4

Graphic Design Software

## Graphtec Pro Studio / Graphtec Studio

Easy-to-use application software for creating 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\*3 / CMX\*3 / PDF\*3 file compatibility allows users to import pre-existing designs.



<b>Compatible OS*1</b>	Graphtec Pro Studio for Windows 10/8.1/8/7 Graphtec Studio for Mac OS X 10.6 - macOS 10.13 (High Sierra)
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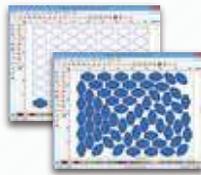
## For users requiring advanced design functions and cutting control.

Optional | Advanced graphic design software

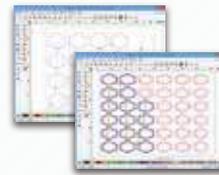
### Graphtec Pro Studio Plus **NEW**

This optional software possesses advanced functions for optimal productivity and advanced designing. Functions include: Transformation of characters and graphics, bar code creation, nesting, cutting direction / order change plus more.

Intelligent Nesting



Cutting simulation (Changing cutting order)



Rhinestone layout



#### < Major Features >

- Deformation, shadow, and stripe of texts and shapes
- Spell Check
- Vectoring
- Filter for bitmap image
- Serialized number, Bar-code
- Power Nest (Nesting)
- Cutting simulation (Changing cutting order)
- Output by layer or color
- Add weeding lines / borders
- Intelligent Nesting
- Rhinestone layout

<b>Compatible OS*1</b>	Windows 10/8.1/8/7
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\*1 For more information regarding OS compatibility or application software, please check the Graphtec website or contact your local representative of Graphtec.  
\*2 Adobe Illustrator CS 4 is supported with Windows OS only. \*3 Available in Graphtec Pro Studio.

Specifications		
Item	CE LITE-50	
Maximum cutting area (W x L) (*1)	498 mm x 3 m	
Cutting area of guaranteed accuracy (W x L) (*1)	478 mm x 1 m	
Mountable media width (*2)	Max. 508 mm Min. 210 mm (A4 portrait orientation)	
Mountable roll media type	diameter	2 inch paper tube : Max. diameter 150 mm, Min. diameter 52.8 mm 3 inch paper tube : Max. diameter 150 mm, Min. diameter 78.2 mm
	weight	Max. 2.5 kg
Maximum cutting speed	500 mm/s in all direction	
Maximum cutting force	2.1 N (210 gf)	
Blade type	Supersteel	
Pen type	Fiber-tip or ballpoint pen available in market (*3)	
Media type	up to 0.1mm thick self-adhesive film (vinyl/fluorescent/reflective) * high-intensity reflective film is excluded	
Interface	USB2.0	
Storage device (external input)	USB memory	
Power source	100 - 240 V AC, adapter output 24 V DC (2A)	
Power consumption	32 W	
Operating environment	10 to 35 °C, 35 to 75 % R.H. (non-condensing)	
Guaranteed accuracy environment	16 to 32 °C, 35 to 70 % R.H. (non-condensing)	
External dimensions (W x D x H)	Approx. 784 x 227 x 164 mm (without roll media stocker)	
Weight	Approx. 8.0 kg (without roll media stocker)	
Compatible OS (*4)	Windows 10 / 8.1/8/7 Mac OS X 10.6 to macOS 10.13(High Sierra) (Graphtec Studio : 10.6 - 10.13, Cutting Master 4 10.7 - 10.13)	
Supported software/Driver (*5)	Cutting Master 4, Graphtec Pro Studio(*6), Graphtec Studio (for Mac), Windows Driver	
Standards	Compatibility Safety	UL / cUL, CE mark
	EMC	VCCI Class A, FCC Class A, CE mark (EN55032, others)

Standard accessories		
Item	QTY	Description
AC adapter	1	Cord type varies by country
Cutter Set (Standard Blade)	1	Standard type (PM-BS-001)
Carrier Sheet (13-inch)	1	330 mm wide (13 inches : PM-CM-003)
Cross cutter	1	For manually cutting from sheets and rolls (PM-CC-001)
Roll media stocker	1	For using roll media
Blade tip cap tool	1	For removing the edge of a blade
USB cable	1	1.5 m long
Setup manual	1	written in 10 languages
Safety manual	1	written in 10 languages

Options			
Item	Part number	Description	Package
Graphtec Pro Studio Plus	OPS682-PLS	Advanced edition of Graphtec Pro Studio	1 set/pack

Supplies			
Item	Part number	Description	Package
Cutter Set (Standard Blade)	PM-BS-001	Normal media (film, paper, others)	1 set/pack
Cutter Set (Long Blade)	PM-BS-002	Thick media (soft rubber, polyurethane sheet up to 1 mm)	1 set/pack
Pen adapter	PM-BH-001	Diameter of pen: 8 mm to 11.3 mm	1 set/pack
Carrier Sheet (13-inch)	PM-CM-003	Adhesive area (W x L): 330 mm x 483 mm	1 sheet/pack
Cutting mat	PM-CR-001	For replacing cutting mat	1 mat/pack
Cross cutter	PM-CC-001	For manually cutting from sheets and rolls	1 pc/pack

\*1 When operated with Graphtec specified media and conditions. (the roll media stocker is used for long media)  
\*2 For non-standardized sizes, use the carrier sheet.  
\*3 It requires the pen adapter for CE LITE-50 (Optional).  
The diameter range of available water based felt-tipped pen : 8mm ~ 11.3mm.  
There are 3 types of pen adapter to match the width of water based felt-tipped pen.  
\*4 There are cases where the pen is not available depends on the shape.  
\*4 Graphtec does not support software/driver used with operating systems that have become obsolete and are no longer supported by the OS developer.  
In the Windows 7, edition of Ultimate, Enterprise, Professional and Home Premium are supported.  
\*5 Please check the website or contact your local representative of Graphtec.  
\*6 The software can be used by downloading from Graphtec website.

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- Items mentioned are subject to change without notice. For more information about product, please check the web site 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.



eco RoHS compliant product



CELITE-50\_JE10378\_3P