Graphtec CE6000 PLUS series

CE6000 - 40/60/120 CUTTING PLOTTERS

THE PERFORMANCE LEADING CUTTING PLOTTER CONTINUES TO EVOLVE!

CE6000-40 PLUS
(Width 400mm)

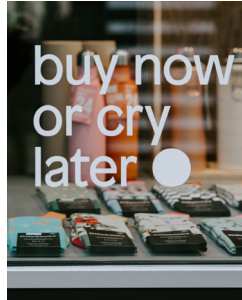**CE6000-60 PLUS**
(Width 600mm)

CE6000-120 PLUS
(Width 1200mm)

MACHINE OVERVIEW

- Increased ease-of-use and newly developed software delivers high performance and productivity.
- The CE6000 series is equipped with professional features such as a registration mark sensor and perforation cutting ability at a low cost.
- Supported software includes advanced cutting functions that improve work efficiency and productivity.
- It has a Max cutting force of 4.41N (450gf) and a speed of 1000 mm/s.

RELIABLE CUTTING QUALITY FOR A VARIETY OF APPLICATIONS

With a huge range of cutting applications; with high quality, high reliability, high performance and easy operation.

FORCE AND SPEED

With maximum force of the 4.41 N (450 gf) and a maximum speed of 1000 mm/s (*1), it enable to cut various media with high productivity.

(*1) CE6000-120 PLUS

RELIABLE LONG LENGTH TRACKING UP TO 5 M LONG

Its media stocker ensures a more stable media feed as up to 5 m. The long size of cutting object is able to cut accurate and stable using the automatic paneling function.
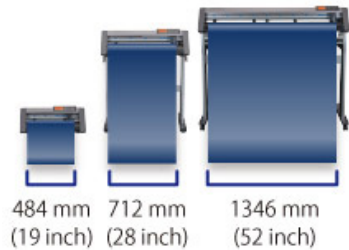
SUPPORT VARIOUS MEDIA

It enable to support wide range of media including self-adhesive vinyl film for signs, self-adhesive printable film/paper media for labels/stickers, and thick paper for POP as the table advertising.
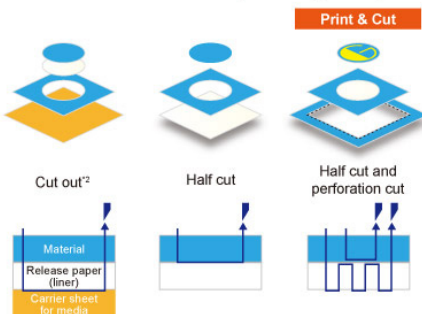
THREE SIZES TO BEST SUIT YOUR APPLICATIONS

The size of three models corresponds to their mountable media with: 484 mm (19 in.), 712 mm (28 in.), and 1346 mm (52 in.). It enable to support variety of applications
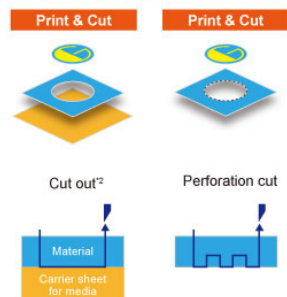
484 mm (19 inch) 712 mm (28 inch) 1346 mm (52 inch)

PERFORATION CUTTING ABILITY

Self adhesive sheet (Marking, label)

Print & Cut

Cut out*2   Half cut   Half cut and perforation cut

Material
Release paper (liner)
Carrier sheet for media

Paper or others (medias with no liner)

Print & Cut   Print & Cut

Cut out*2   Perforation cut

Material
Carrier sheet for media

INTUITIVE AND EASY OPERATION

Graphtec greatly values the importance of simple operability - which is reflected through the CE6000's intuitive operation panel, quickly adjustable user settings, and automatic registration mark sensing system to support print and cut alignment.

LARGE, BACKLIT LCD SCREEN

Clearly navigate settings of the CE6000 Plus using its large LCD screen (240 x 128 dots) and tactile control panel. This screen is icon driven and supports 10 languages

Large LCD screen   10 languages

3.7-inch LCD

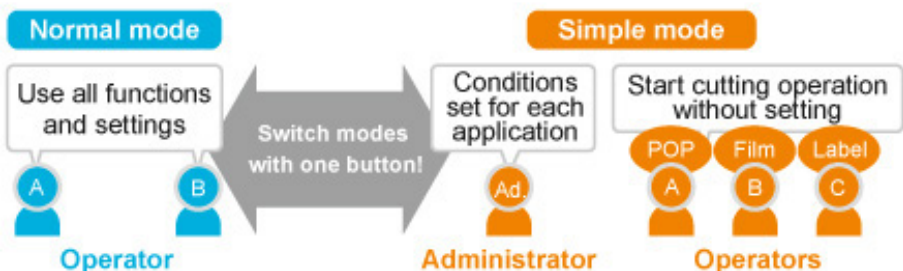| English | Spanish | | |
| French | German | Russian | Portuguese |
| Italian | Chinese | Korean | Japanese |

EASIER TO CUT IN SIMPLE OPERATION MODE

Simple mode.
Two set up menus, Simple and Normal, are available and can be chosen by the operator as desired. In Simple operation mode, selecting the media type also sets the necessary cutting conditions.

Saving cutting conditions.
8 separate cutting conditions for different media types can be set and stored on the CE6000, making it easy to switch between jobs.

Normal mode — Use all functions and settings — Operator A, B

Switch modes with one button!

Simple mode — Conditions set for each application — Administrator Ad.

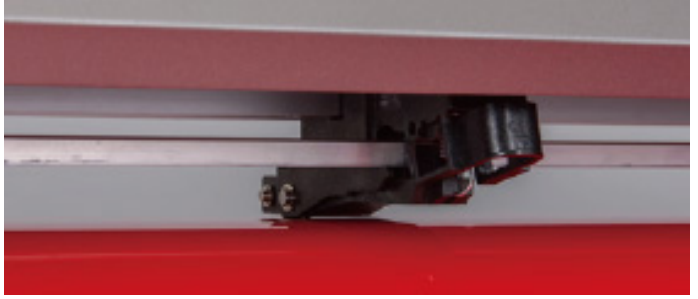Start cutting operation without setting — POP, Film, Label — Operators A, B, C

Reliable long length tracking up to 5m long

The new media stocker ensures a more stable media feed.

On the CE6000-120 PLUS, the pressure of the center push roller has two settings to suit all types of media. It prevents media lifting without leaving a trace mark and provides stable long-length cutting.
*CE6000-120 PLUS

Switching the pressure of the center push roller.

A brake system is incorporated to assist loading heavy rolls of media properly.

*CE6000-60 PLUS / 120 PLUS

Media brake on the media stocker.

Basket (option)

The optional basket improves long-length cutting even further.
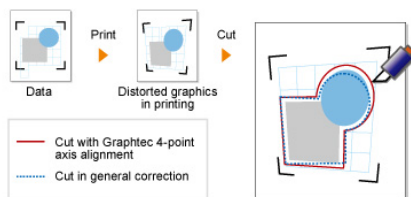
*CE6000-60 PLUS / 120 PLUS

ARMS 5.0 FOR HIGH PRECISION CUTTING IN THE PRINT & CUT APPLICATION

ARMS is an abbreviation for Advanced Registration Mark Sensing system, which uses sensors to detect registration marks and performs the AXIS ALIGNMENT. It is able to adjust received contour cutting data in the cutting plotter to align with the printed image. It enables to significantly improve productivity in the Print & Cut applications that makes stickers or decals.
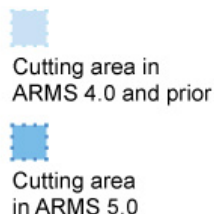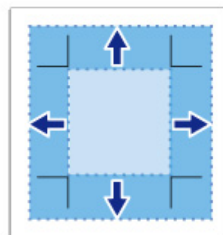
4-POINT AXIS ALIGNMENT

This feature compensates for any skewing and shrinking on the X and Y-axis using sophisticated algorithms. This leads to more accurate registration and improves the reliability and quality of Print & Cut.

Data — Distorted graphics in printing (Print ▶ Cut)

— Cut with Graphtec 4-point axis alignment
······ Cut in general correction
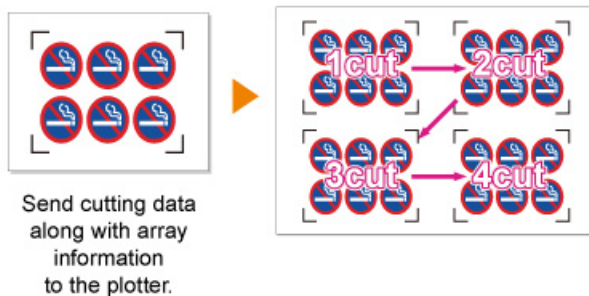
EXPANDED EFFECTIVE CUTTING AREA

The ARMS system expands the cutting area to include outside of the area enclosed by registration marks. This increases production efficiency by reducing media waste.

Cutting area in ARMS 4.0 and prior

Cutting area in ARMS 5.0

MULTIPLE-MARK COMPENSATION

When a design is printed using the matrix copy function, the marks are read and contour cutting is repeated for each copy. It can significantly improve productivity for Print and Cut.
* This function is available when supported software is used

Send cutting data along with array information to the plotter.

Copy with ARMS

The COPY key allows fast access for making copies of downloaded data. It also supports cutting data including the ARMS control command for processing multiple sheets without a PC.
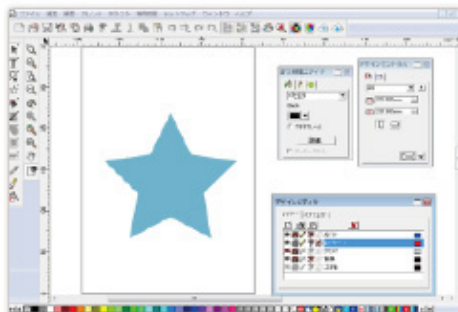

Software

Improving work efficiency with new enhanced software

It corresponds to new enhanced software Graphtec Pro Studio and Cutting Master 4 that enables to create advanced cutting designs and control cutting plotter.
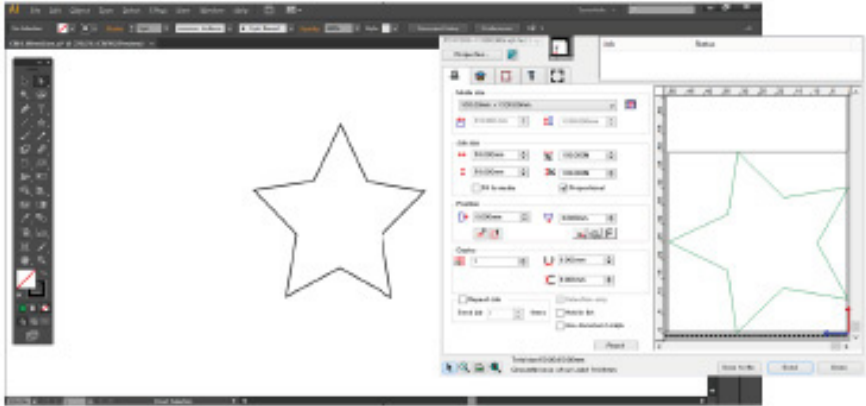
Graphtec Pro Studio / Plus (Windows)

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.
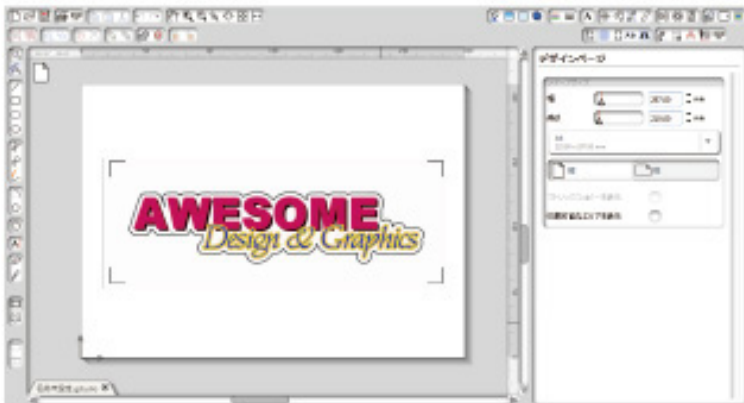
Cutting master 4 (windows/mac)

Cutting Master 4 is a Graphtec plug-in software for Adobe Illustrator and CorelDRAW Graphics Suite. It sends cut data to the plotter and includes a variety of functions such as: preview, registration mark creation, tool conditions, cut job settings and more.
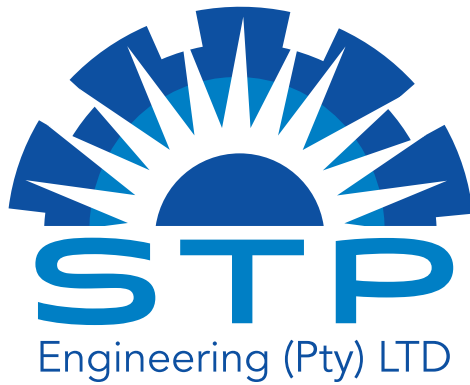

Graphtec Studio for Mac

This is an easy-to-use application software for Mac OS to create original designs. Images can be easily created by using the program icons that are arranged around the drawing area.

PLOTTER CONTROLLER (WINDOWS)

This software is able to control various settings of the CE6000 Plus from a PC, improving work and operating efficiency. This controller can be started when the print operation is executed by the Print menu of any application software.

STP

Engineering (Pty) LTD

Any questions? Call or visit us.

+27 31 942 4261 OR +27 61 412 5763

Whatsapp +27 82 411 9575

24 Alexander Road, Unit 2 Alexander Park, Westmead 3610

richard@stpe.co.za