

# GRAPHTEC

Improving work efficiency in pattern making

## Garment Pattern Cutter

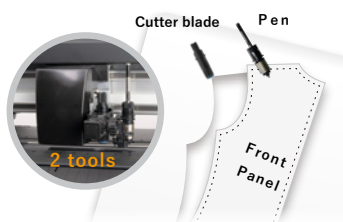
# CE8000-130AP-EN

Reliable cutting / plotting quality,  
Intuitive operation, Easy to use



### Dual tool configuration for cutting and plotting

It holds both a pen and a blade. The pen is for plotting and detailing graded patterns with seams text, notches, grain direction, etc. The blade is to make the perforated cut of the pattern outline. The tool is automatically switched for cutting and plotting as needed, ensuring a high quality pattern and maximum productivity.

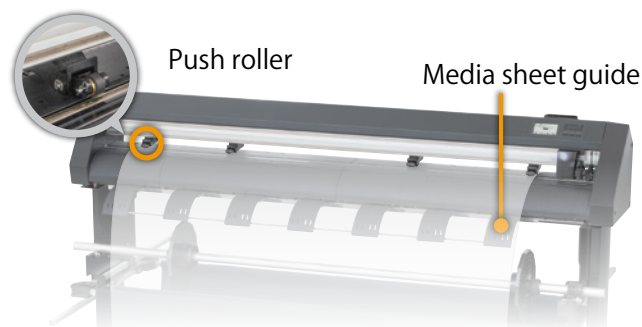


### Wireless function [included as Standard]

Wireless function enables users to output via multiple personal computer and install anywhere in your office without being limited by the cable length.

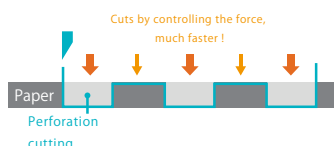
### Media feeding stability [4 push rollers as standard]

Pressure of the 2 middle push rollers can be adjusted in two levels, it helps to prevent media lifting.



### Enhanced speed when perforation cut

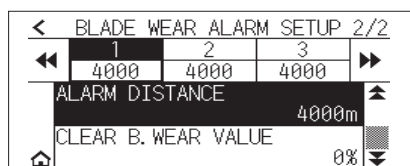
Perforation cutting is performed by controlling the cutting force instead of blade up/down movements, dramatically increasing throughput. The force is controlled by the design software using a new command.



[www.graphteccorp.com](http://www.graphteccorp.com)

## Blade / Pen wear level alarm function

Able to measure cutting distance of consumables such as blades and pens, and set conditions for tool replacement.



## High adaptability to the operating environment

The design of the media feed system ensures that loaded media is acclimated to the ambient temperature and humidity before plotting or cutting. The user-selectable media pre-feed function sets two outer tracks, enhancing media handling. Together, these two media feed elements ensure reliable cutting and plotting quality within the desired operating environment.

| Specifications   |  |
|--|--|
| Item   | CE8000-130AP-EN  |
| Cutter type  | Roll feed  |
| Drive system   | Digital servo  |
| Max. cutting area [W × L] [*1]                             | 1220mm × 50m   |
| Accuracy guaranteed cutting area [W × L] when using basket | 1200mm × 3m  |
| Mountable media width [*2]                                 | Minimum 594mm<br>Maximum 1321mm  |
| Mountable roll media inside-diameter                       | 3 inches   |
| Mountable roll media outside-diameter                      | Max. 200mm   |
| Number of push rollers                                     | 4  |
| Max. cutting speed   | 600mm/s (All directions)   |
| Cutting force  | Tool holder : 4.41N [450gf]<br>Pen holder : 2.94N [300gf]                              |
| Min. font size   | 5mm [0.197in.] alphanumeric Helvetica med. Font [*1]                                   |
| Mechanical step size                                       | 0.005mm  |
| Programmable step size                                     | GP-GL: 0.1 / 0.05 / 0.025 / 0.01mm, HP-GL™[*3]: 0.025mm                                |
| Repeatability [*1]   | 0.1mm or less / in unit of 2m (Designated Film and Cut Conditions)                     |
| Installable number of tools                                | 2  |
| Pen types  | Oil-based ballpoint pen, Water-based fiber-tip pen                                     |
| Interface  | USB2.0 [Full Speed], Wireless LAN IEEE 802.11b/g/n, Ethernet 10 BASE-T/100BASE-TX [*4] |
| Buffer memory  | 2MB  |
| Command sets   | GP-GL / HP-GL™ [*3] (Control panel switching)  |
| Display  | Touch panel [240-dot × 128-dot]  |
| Power source   | AC100V-120V / AC200V-240V, 50/60Hz(Auto switch)  |
| Power consumption  | 140W or less   |
| Operating environment                                      | 10 to 30°C, 35 to 75% R.H. (non-condensing)  |
| Accuracy guaranteed environment                            | 16 to 32°C, 35 to 70% R.H. (non-condensing)  |
| External dimensions [*5] (approx. W × D × H)               | 1644 × 1219 × 1076mm   |
| Weight [*5] (approx.)                                      | 45.5kg   |
| Compatible OS [*6]   | Windows 11 / 10  |

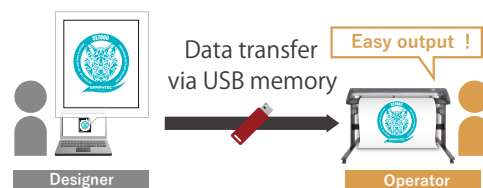
\* This is the specialized model for high grade fine paper for apparel use.

- \*1 Operated with Graphtec specified cutting condition and media.  
 \*2 Mountable media width. The minimum paper width with guaranteed accuracy is the width when the push rollers are placed on 5mm inside of both side of media. Sheet paper (cut paper) is not guaranteed.  
 \*3 HP-GL™ is a registered trademark of Hewlett-Packard Company.  
 \*4 This is an option provided at the factory.  
 \*5 Stand and basket are included.  
 \*6 Graphtec does not support software/driver used with operating systems that have become obsolete and are no longer supported by the OS developer.

## Data output via USB flash memory without PC

USB memory reading port enables users to output data via USB flash memory without PC or dedicated software.

\* The USB memory format only supports FAT32.  
 Please note that NTFS and exFAT are not supported.



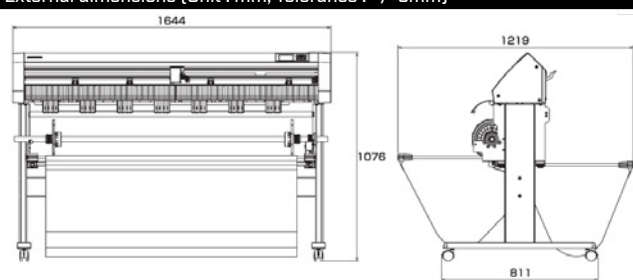
## Adopting touch panel

The operability has been improved by adopting touch panel. Frequently used functions are displayed as icons. It can also be operated with mechanical keys.

| Standard accessories  | *Please read Cutter Blade Manual before use.  |
|---|---|
| <ul style="list-style-type: none"> <li>● AC power cable</li> <li>● Cutter Blade Holder(PHP33-09N-HS)</li> <li>● Accessory case</li> <li>● Oil-based ballpoint pen(KB700-BK)</li> <li>● Safety Manual</li> </ul> | <ul style="list-style-type: none"> <li>● Cutter Blade(CE09UB-1P)</li> <li>● Stand with Basket</li> <li>● Ballpoint pen holder(PHP34-BALL)</li> <li>● WLAN module set</li> <li>● WEB download guide</li> </ul> |

| Supplies              |                |  |
|-----------------------|----------------|--|
| Item                  | Part-No.       | Description                                    |
| Cutter plunger        | PHP33-CB09N-HS | Cutter plunger for Φ0.9mm x1                   |
|                       | PHP33-CB15N-HS | Cutter plunger for Φ1.5mm x1                   |
| Blade                 | CE09UB-5       | Φ0.9mm, 45°, Supersteel (for PVC film)         |
|                       | CB15U-5        | Φ1.5mm, 45°, Supersteel (for paper, cardboard) |
| Loupe                 | PM-CT-001      | Blade loupe (for PHP33/PHP35 series)           |
| Fiber-tip pen holder  | PHP31-FIBER    | x1   |
| Ballpoint pen         | KF700-BK       | Black x10                                      |
|                       | KF700-RD       | Red x10  |
| Ballpoint pen holder  | PHP34-BALL     | x1   |
| Ball point pen refill | KB700-BK       | Black x10                                      |
| Cutting mat           | PM-CR-015      | for CE8000-130 x2                              |
| USB cable             | PM-ET-001      | Cable length: 2.9m x1                          |

## External dimensions (Unit : mm, Tolerance : +/-5mm)



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### Important safety instructions

Before using it, please read the user manual and then please use it properly in accordance with the description. To avoid malfunction or electric shock, please ensure ground connection and use it in specified power source.

**GRAPHTEC**  
 Graphtec Corporation

503-10 Shinano-cho, Totsuka-ku, Yokohama 244-8503, Japan  
 Tel : +81-45-825-6250 Fax : +81-45-825-6396

Website <https://www.graphteccorp.com>



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