

# GRAPHTEC

Improving work efficiency in pattern making

## Garment Pattern Cutter

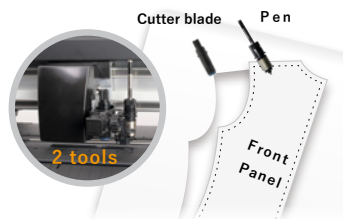
# CE8000-130AP-EN

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.

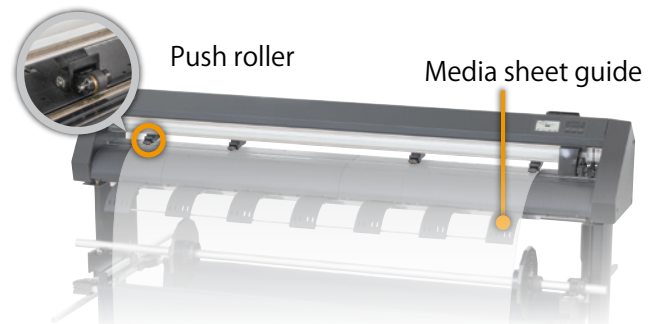


### Wireless function (included as Standard)

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

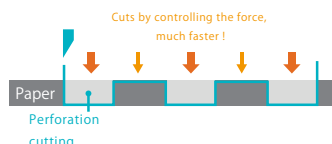
### Media feeding stability (4 push rollers as standard)

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



### Enhanced speed when perforation cut

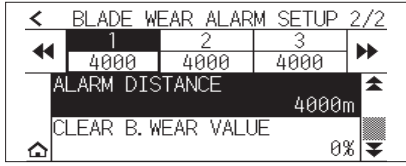
Perforation cutting is performed by controlling the cutting force instead of blade up/down movements, dramatically increasing throughput. The force is controlled by the design software using a new command.



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## 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 x L] [*1]	1220mm x 50m	
Accuracy guaranteed cutting area [W x L] when using basket	1200mm x 3m	
Mountable media size	Minimum	594mm
	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] 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 x 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 x D x H]	1644 x 1219 x 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.

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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

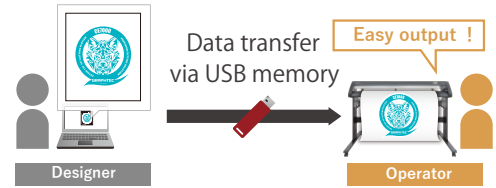
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## Data output via USB flash memory without PC

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.



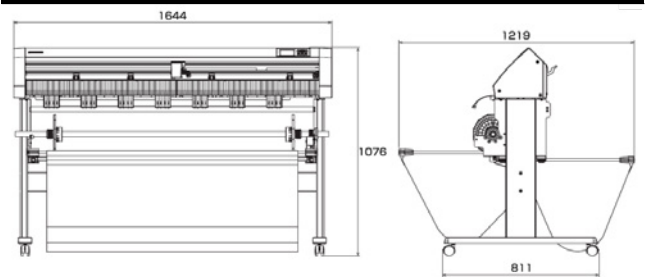
## Adopting touch panel

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.
● AC power cable	● Cutter Blade[CB09UB-1P]
● Cutter Blade Holder[PHP33-09N-HS]	● Stand with Basket
● Accessory case	● Ballpoint pen holder[PHP34-BALL]
● Oil-based ballpoint pen[KB700-BK]	● WLAN module set
● Safety Manual	● WEB download guide

Supplies		
Item	Part-No.	Description
Cutter plunger	PHP33-CB09N-HS	Cutter plunger for $\Phi$ 0.9mm x1
	PHP33-CB15N-HS	Cutter plunger for $\Phi$ 1.5mm x1
Blade	CE09UB-5	$\Phi$ 0.9mm, 45°, Supersteel [for PVC film]
	CB15U-5	$\Phi$ 1.5mm, 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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