Introducing The Graphtec CE7000 Series Cutting Plotters

Introducing the **NEW CE7000** series cutting plotters. The NEW CE7000 models serve the garment decoration, sign graphics, PRINT and CUT graphics, automotive markets and many more….

The Graphtec CE7000 Vinyl Cutting Plotter Series is now available in 4 widths : 15" (40cm), 24" (60cm), 50" (130cm) & 64" (160cm). Simply put, it is one of the most cost effective cutting plotters on the market for garment decoration, sign graphics, PRINT and CUT graphics, and automotive markets, amongst others.

The CE7000 Series is equipped with great features such as a registration mark sensor for print & cut jobs, perforation cutting ability and a guaranteed cut accuracy of over 15ft (5m) at an extremely competitive and cost effective price point.

The CE7000 Is Perfect For Producing:

- Stickers & Decals
- Window & Shop Signage
- Heat Transfer Apparel Vinyl
- Window Tint Film
- Paint Protection Film

Upgraded Features Include :

New Data Link Function (Barcode Data Management For Continuous Cutting)

Saves time and reduce the chance of production errors by using barcodes to automatically process multiple jobs at the touch of a button. DataLink supports any combination of RIP software & printer in addition to the included Cutting Master 4 and Graphtec Pro Studio software. The CE7000 detects barcode-linked cutting data from the operator's PC or USB flash memory, opens the correct file, sets the cutting conditions, and starts cutting automatically.
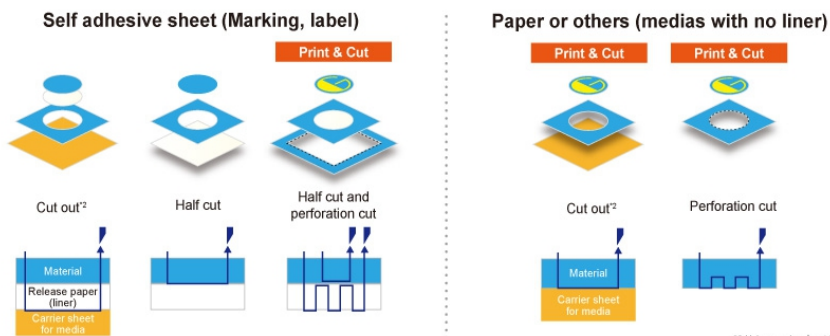

New USB Thumb Drive Support For Offline Cutting

A new secondary USB port has been added for connecting thumb drives so jobs can be uploaded and cut without the need of a computer. Select barcode function or select file directly from the thumb drive.

New Through Cut Channel For Perforation Cutting

Separate tool positions for contour and die cutting ensures the longevity of your blades and cutting strip when creating decals and graphics that are effortlessly popped out of sheet and roll media. Easily allow perforated cut or through cut operations.
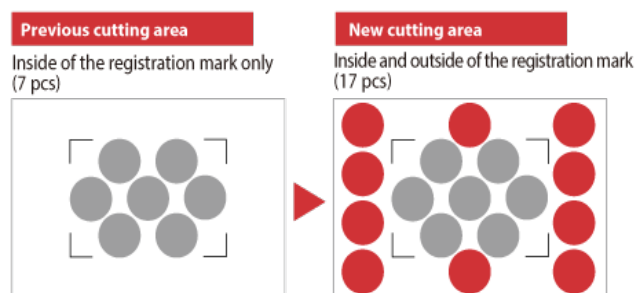
New ARMS 8.0 For Print & Cut

A new and improved Advanced Registration Mark Sensing System, or ARMS, for print and cut applications. The DataLink Barcode System is a new addition to ARMS. Barcodes may now be generated and printed as part of the design which creates a hand's free operation. The reading of Registration marks is faster, thus increasing productivity.

Segment Area Compensation (XY)

This function has been implemented in addition to the current X-axis Direction Segment Area Compensation. Middle mark is now available not only for X but also Y-axis alignment.
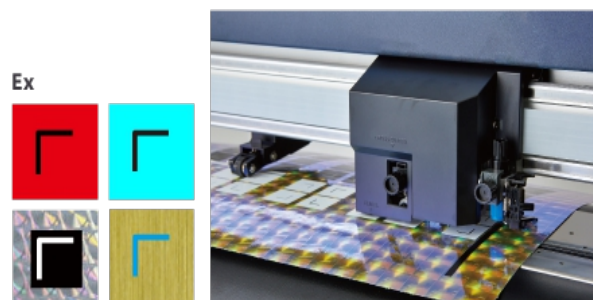
Expanded Cutting Area

It expands the cutting area to include objects outside of the area enclosed by registration marks. Production efficiency is enhanced by reducing media waste.

Supports Coloured Marks & Specialty Media

The CE7000 supports a wide range of media types including holographic paper and reflective sheets. This has been made possible through the improved ARMS 8.0 Sensor Algorithm.

CE7000 Machine Specifications:

- Configuration: Grit Rolling Type
- Drive Method: Digital Servo Drive System
- Graphic LCD Display With Back Light
- Networking Ethernet LAN Port
- Mountable Number Of Tools: 1 Tool
- Maximum Cutting Force: 450g
- Maximum Cutting Speed: Up To 1000mm/s (140 & 160 Models)
- Perforation Cutting: Yes (Performed By Force Control)
- Interface: USB 2.0 Offline | USB 2.0 Cable
- Buffer Memory: 2MB

CE7000 Performance Specifications:

- Media Tracking Distance: Up To 5m
- Minimum Character Size: Approx. 5mm Alphanumeric (Varies Depending On Character Font & Type Of Media)
- Programmable Resolution: GP-GL: 0.1 / 0.05 / 0.025 / 0.01 mm, HP-GL™: 0.025 mm
- Repeat-ability: Max. 0.1 mm In Plot up to 2m
- Media Type: Self-Adhesive Marking Film Up To 0.25mm Thick

Views (From Top To Bottom) : CE7000-160, CE7000-60, Tool Block, Softwares Supplied, Interfaces / LAN Port & Control Panel