

**Best choice  
for roll label finishing!**



## Digital Label Finishing Cutter LABEL ROBO **DLC1000**

### TOTAL COST REDUCTION

- No punching die necessary  
**COST SAVING & SHORT LEAD TIME**
- Unmanned system  
**REDUCE LABOR COST**
- Produce only the quantity demanded  
**REDUCE INVENTORY**

### Label making workflow



\* Divide a roll into two by slitting lengthways. Can be finished as a sheet by cross-cutting.

### Main Features

- Finish your label printed with any printer!
- Process Max. 200m roll continuously with Roll-to-roll system.
- Create registration marks and operate the machine from Illustrator / CorelDRAW with standard plug-in software Cutting Master for DLC.
- Cutting plotter installed - cutting dies unneeded.
- Laminate and Slit your work.
- Cross cut your work to sheet.
- Max. media width: 216mm

Illustrator / CorelDRAW plug-in software

### Cutting Master for DLC

- Easily create DLC1000 original registration marks
- Send cutting data to DLC1000
- Supports Illustrator / CorelDRAW
- Supports 10 languages

Supported OS | Windows 10 / 8.1, Mac OS X 10.10 - 10.11 / macOS 10.12 - 10.15

Software | Adobe Illustrator (CC - CC2020), CorelDRAW Graphics Suite (X7-X8, 2017-2020)

1. Put registration marks

2. Print (roll)

3. Send cutting data

4. Finish your labels



## DLC1000 Specifications

Feeding unit	
Loadable media width	Maximum: 216 mm, Minimum: 100 mm
Page size	1 page size: Maximum: 300 mm, Minimum: 76.2 mm * Maximum 1200 mm when using Sequential Mode
Loadable media diameter	Maximum: 254 mm (under 10 inch) Inner diameter: 76 mm (3 inch core)
Loadable media weight	Max. 10 kg
Laminating section	
Loadable media width	Maximum: 195 mm, Minimum: 80 mm
Loadable media size	Maximum length: 200 mm OR outside diameter under 210 mm Inner diameter: 76 mm (3 inch core)
Windable media diameter	Maximum outside diameter: 200 mm Inner diameter: 25.4 mm (1 inch core), Core length: 227 mm
Loadable media weight	Max. 8 kg
Cutting section	
Cutout system	Half cutting by cutting plotter (super steel)
Drive system	Digital servo
Cutting force	0.2 - 2.9 N (20 - 300 gf) : 31 steps
Maximum cutting area	203 mm x 1200 mm 186 mm x 1200 mm (when slitting)
Maximum cutting speed	600 mm/s
Separating section	
Windable media diameter (*1)	Maximum: 220 mm Inner diameter: 25.4 mm (1 inch core), Core length: 227 mm
Slitting section	
Slitter	3
Cross cutting section	
Cut	Cross cut
Winding section 1	
Windable media width	Maximum: 216 mm, Minimum: 55 mm
Windable media diameter (*1)	Maximum: 254 mm Inner diameter: 76 mm (3 inch core)
Windable media weight	Max. 14 kg (*1)
Winding section 2	
Windable media width	Maximum: 108 mm, Minimum: 55 mm
Windable media diameter (*1)	Maximum: 220 mm Inner diameter: 76 mm (3 inch core)
Windable media weight	Max. 7 kg (*1)
Main Unit Specifications	
Interface	USB2.0 (High Speed), Network (Ethernet 10BASE-T / 100BASE-TX)
LCD display	Graphtec type (128 dots x 64 dots)
Power source	AC100-120V, AC200-240V, 50/60Hz (Automatic changeover)
Power consumption	Max. 170VA
Operating environment	10 - 35°C, 35 - 75% R.H. (non-condensing)
Guaranteed accuracy environment	16 - 32°C, 35 - 70% R.H. (non-condensing)
External dimensions (approx.)	1904 (W) x 994 (H) x 1297 (D) mm
Weight (approx.)	151kg

\*1 Depends on Graphtec-specified conditions.

\*2 Please contact our Sales for details.

\*3 Following are standard accessories of CE6000-40DLC;

Separating cutter, USB cable, Blade holder (PHP33-CB09N-HS), Blade (CB09UB-1P), DVD (Users manual, Driver etc.),  
Printed documents (Users manual, Cautions etc.)

## Option (\*2)

Item	Part No.	Description
DLC1000 Unwinder Flange Set	OPH-A28	Flange set
DLC1000 Rewinder Flange	OPH-A29	For 53.5mm media
Box Set	OPH-A31	Media receiving box

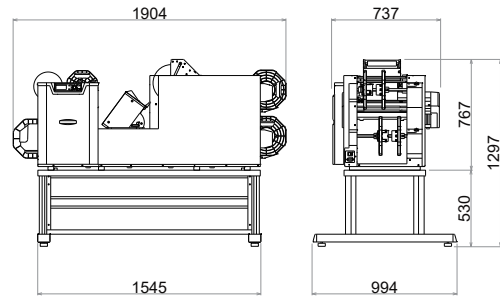
## Supplies (\*2)

Item	Part No.	Description	Package
Cutting blade holder	PHP33-CB09N-HS	For CB09U series blade	1 set/pack
	PHP33-CB15N-HS	For CB15U series blade	1 set/pack
Cutting blade	CB09-P	0.9mm dia. 45° angle, Supersteel	5 blades/pack
	CB09UB-5	0.9mm dia. 45° angle, Supersteel	5 blades/pack
	CB15U-5	1.5mm dia. 45° angle, Supersteel	5 blades/pack
Loupe	PM-CT-001	Loupe for adjusting blade length	1 set/pack
Cutting mat	CE6-CM40-2	For CE6000-40	2 sets/pack
Rewinding paper core	DLC-2270R-1CORE-RS	For laminate film. Core 1 x 8.93 inch (227mm)	5 pcs / pack
	PZ-WC-012	For label media. Core 3 x 8.5 inch (216mm)	5 pcs / pack

## Standard accessories

Item	Q'ty	Item	Q'ty
Power cable	1	Cutter unit (CE6000-40DLC) (*3)	1 set
Flange set for paper media (square bar w/ scale)	1 set	Flange set for paper media (square bar w/o scale)	2 sets
Flange set for lamination roll (square bar)	1 set	Flange set for rewinding lamination (round bar)	1 set
Flange set for stripping (round bar)	1 set	Dancer roller 1, 2 (6 inch)	1 set
Dancer roller 1, 2 (4 inch)	1 set	Attachment for cutting plotter	1 set
Slitter guide (L / R)	1 set	Stand for DLC1000	1 set
DVD	1	Printed document (Setup manual, Starting guide, Safety guide, Cautions)	1 each

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



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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.



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.

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Labeling & Packaging Solutions

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RoHS compliant product



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