GRAPHTEC

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

Set the media	Laminate	Free cut	Waste matrix removal	Slit *	Rewind to finish

* 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
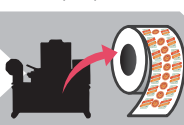### Cutting Master for DLC

Supported OS	Windows10 / 8.1	Software	Adobe Illustrator (CC - CC2020) CorelDRAW Graphics Suite (X7-X8, 2017-2019)

▌ Easily create DLC1000 original registration marks.

▌ Send cutting conditions & data to DLC1000

▌ Supports Illustrator / CorelDRAW

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	Under 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	Under 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	Expand Mode: 203 mm x 1200 mm (Slitter cannot be used)
	Normal Mode: 186 mm x 1200 mm
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	Under 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	Under 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	Under 170VA
Operating environment	10 - 35℃, 35 - 75% R.H. (non-condensing)
Guaranteed accuracy environment	16 - 35℃, 35 - 70% R.H. (non-condensing)
External dimensions (approx.)	1904 (W) × 994 (H) × 1297 (D) mm
Weight (approx.)	151kg

*1 Depends on Graphtec-specified conditions.
*2 Please contact our Sales for details.

Option (*2)

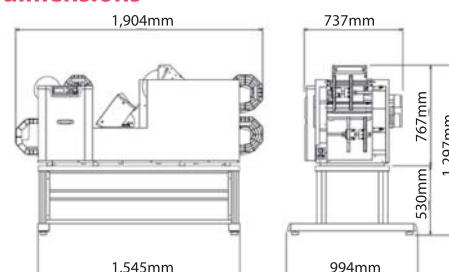| Item	Part No.	Description
DLC1000 Unwinder Flange Set	OPH-A28	Flange set
DLC1000 Rewinder Flange	OPH-A29	For 53.5mm media
Box Set	OPH-A31	Media receiving box

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. 45º angle, Supersteel	5 blades/pack
	CB09UB-5	0.9mm dia. 45º angle, Supersteel	5 blades/pack
	CB15U-5	1.5mm dia. 45º 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-R5	For lamination roll (Core 1 × 8.93 inch (227mm))	5 pcs / pack
		For roll media (216mm)	5 pcs / pack

Standard accessories

Item	Q'ty	Item	Q'ty
Power cable	1	Cutter unit	1 set
Flange set for paper media (square bar)	1 set	Flange set for paper media (square bar)	2 set
Flange set for lamination roll (square bar)	1 set	Flange set for rewinding lamination (square bar)	1 set
Flange set for stripping (round bar)	1 set	Dancer roller (1, 2)	1 set
Dancer roller (1, 2) - short	1 set	Attachment	1
Slitter guide (L / R)	1 set	DVD (Users manual, Windows driver, CM for DLC)	1
Printed document (Setup manual, Starting guide, Safety guide, Cautions)			1 each

External dimensions

1,904mm · 737mm · 1,545mm · 994mm · 767mm · 530mm · 1,297mm

⚠ **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.

eco RoHS compliant product

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