

# GRAPHTEC

## LABELROBO LCX603



**Creating high quality labels,  
suitable for small production runs at a factory or office.  
Easy to create label from one piece to a full run.**

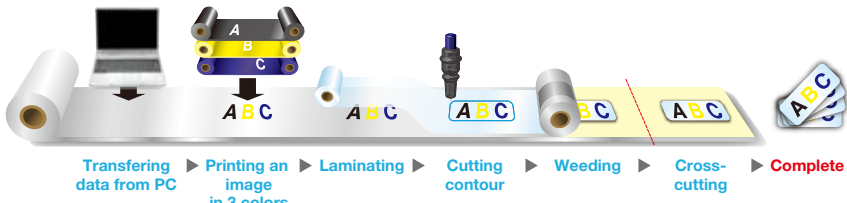
LABELROBO is a all-in-one label printer easily creates labels with characters and illustrations designed with a computer. It can be used at printing companies and even at production and engineering companies making equipment and components. Labels can be created quickly in the required quantity with short delivery, low cost, and minimal inventory.



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

Easy to create high quality labels from one piece  
in the factory or the office !

# LABELROBO LCX603



## Printing an image in 3 colors

High quality printing in 600x1200 dpi by three colors (black + 2 colors). Thermal transfer method is used, inks and solvents are not required for it. It's easy to handle.

## Laminating

Laminate film is automatically applied after an image is printed. Polyester (PET) and polypropylene (PP) based materials are available. Durable labels can be created.

## DIE-FREE

## Cutting contour

Contour cutting is performed automatically after it is laminated. The cutting tool allows a contour of any shape. The cutting die is not required for it, the label can be created in low cost.

## Weeding

Weeding mechanism is included, unnecessary parts along the contour are wound for removing it. Cross cutting is executed for each page after weeding is done, label is **created**.



## Easy to creat label with Windows driver

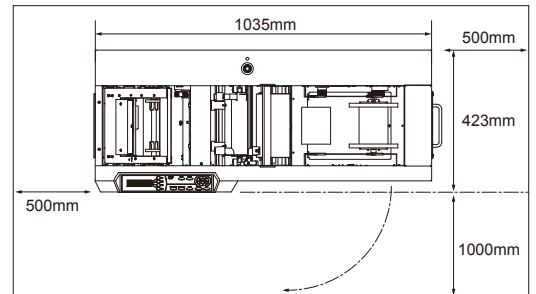
Printing images as an illustration or character for the label, also a contour cut line are designed with the label creation, CAD, or an illustration drawing software. A barcode, QR code, or sequential number label can be created using a function in the software. Printing image and contour cut line will be separated automatically in the Windows driver for the LABELROBO by the color. An image for a label is printed in the printer section, and contour cut is executed in the cutter section.

Creating the label using application software

Assigning color to the print head (ink ribbon) and the cut line in the Windows driver for LCX603



## Demention & Layout (Spacing)



### Standard accessories

Item	Quantity	Item	Quantity
AC Power Cable	1 pc	USB Cable (2.9m)	1 pc
User's manual	1 set	Cutter blade holder (PHP32-CB09N-HS)	1 pc
CD-ROM (Driver)	1 pc	Stick for cleaning Print Head	1 pc
Blade (CB09UA)	1 pc	Media Stocker	1 set
Tension (Dancer) Roller	2 pcs	Spool for take-up (laminare material)	1 set
Laminate Stocker	1 set	Flange for Ink Ribbon	12 pcs
Spool for take-up weeded material	1 set	Ink ribbon (Semi-RESIN, Black color)	1 roll
Core for take-up (separator/laminator)	4 pcs		

### Supplies

Item	Description	UL Compatibility	Package
FNS MAT N25-1310B-R4	Media for Label, Polyester film, Silver, 25 µm, 130 mm x 100m	Yes	4 rolls/box
FNS MAT N50-1310B-R4	Media for Label, Polyester film, Silver, 50 µm, 130 mm x 100 m	Yes	4 rolls/box
FNS MAT S50-1310B-R4	Media for Label, Polyester film, Silver, 50 µm, 130 mm x 100 m	Yes	4 rolls/box
FR1615-50-1310-R4A	Media for Label, Polyester film, Silver, 50 µm, 130 mm x 100 m	Yes	4 rolls/box
PET25A-1310B-R4	Media for Label, Polyester film, Clear, 25 µm, 130 mm x 100 m	Yes	4 rolls/box
PET50A-1310-R4	Media for Label, Polyester film, Clear, 50 µm, 130 mm x 100 m	Yes	4 rolls/box
FR1225-50-1310-R4A	Media for Label, Polyester film, Clear, 50 µm, 130 mm x 100 m	Yes	4 rolls/box
PET1VH50A-1310-R4A	Media for Label, Polyester film, White, 50 µm, 130 mm x 100 m	Yes	4 rolls/box
FR1415-50-1310-R4A	Media for Label, Polyester film, White, 50 µm, 130 mm x 100 m	Yes	4 rolls/box
FR1015-50-1310-R4A	Media for Label, Polyester film, Yellow, 50 µm, 130 mm x 100 m	Yes	4 rolls/box
FR5311-85-1310-R4A	Media for Label, Synthetic paper, 85 µm, 130 mm x 100 m	Yes	4 rolls/box
FR6311-80-1310-R4A	Media for Label, Synthetic paper, 80 µm, 130 mm x 100 m	Yes	4 rolls/box
GROSS PW-1310B-R4	Media for Label, Paper, 130 mm x 100 m	No	4 rolls/box
NP COAT PW-1310B-R4	Media for Label, Paper, 130 mm x 100 m	No	4 rolls/box
Item	Description	UL Compatibility	Package
RP120-B-R4A	Ink ribbon, RESIN, Black, 120 mm x 100m	Yes	4 rolls/box
RP120-BL-R4A	Ink ribbon, RESIN, Blue, 120 mm x 100 m	No	4 rolls/box
RP120-R-R4A	Ink ribbon, RESIN, Red, 120 mm x 100 m	No	4 rolls/box
RP120-W-R4A	Ink ribbon, RESIN, White, 120 mm x 100 m	No	4 rolls/box
RP120-Y-R4A	Ink ribbon, RESIN, Yellow, 120 mm x 100 m	No	4 rolls/box
WD120-B-R4A	Ink ribbon, Semi-RESIN, Black, 120 mm x 100 m	No	4 rolls/box
WD120-R-R4A	Ink ribbon, Semi-RESIN, Red, 120 mm x 100 m	No	4 rolls/box
WD120-G-R4A	Ink ribbon, Semi-RESIN, Green, 120 mm x 100 m	No	4 rolls/box
WD120-BL-R4A	Ink ribbon, Semi-RESIN, Blue, 120 mm x 100 m	No	4 rolls/box
Item	Description	UL Compatibility	Package
PET16-1110-R4A	Film for Laminare, Polyester film, Clear, 16 µm, 110 mm x 100 m	Yes	4 rolls/box
PET25-1110-R4A	Film for Laminare, Polyester film, Clear, 25 µm, 110 mm x 100 m	Yes	4 rolls/box
PET225-16-1110-R4A	Film for Laminare, Polyester film, Clear, 16 µm, 110 mm x 100 m	Yes	4 rolls/box
PETS MAT 25-1110-R4A	Film for Laminare, Polyester film, Clear (Mat), 25 µm, 110 mm x 100 m	Yes	4 rolls/box
FR1125-25-1110-R4A	Film for Laminare, Polyester film, Clear (Mat), 25 µm, 110 mm x 100 m	Yes	4 rolls/box
PP20-1110-R4A	Film for Laminare, Polypropylene, Clear, 20 µm, 110 mm x 100 m	Yes	4 rolls/box
Item	Description	Package	
PHP32-CB09N-HS	Cutter blade holder, for CB09 type blade	1 set/box	
CB09UA-5	Cutter blade, Super-steel, 0.9mm diameter	5 blades/box	

### Specifications

Item	Description
Printing method	Thermal transfer
Resolution	600 x 1200 dpi, 600 x 600 dpi
Printing colors	Max. 3 colors (1 black and 2 colors)
Printing speed	Max. 35 mm/s
Effective printing area	Width: max. 100 mm, Length: max. 200 mm (in each label)
3 colors print position accuracy	+/- 0.3 mm or less (after adjusted in the adjustment menu)
2 colors print accuracy	+/- 0.3 mm or less, between 2 colors (after adjusted in the adjustment menu)
Min. printing character size	8 pt (in specified condition)
Min. printing line width	0.3 mm
Ink ribbon	Size: width 120 mm, Length 100 m Semi-RESIN type: 4 colors (Black, Red, Blue, Green) RESIN type: 5 colors (Black, Red, Blue, Yellow, White)
Label material	Width: 70, 80, 90, 100, 110, 120, 130 mm, Thickness: 25 µm - 85 µm Outside diameter of roll: Max. 195 mm (approx. 100 m long)
Laminate material	Width: 50, 60, 70, 80, 90, 100, 110 mm Outside diameter of roll: Max. 140 mm Core size for take-up: 1 inch bore, Width: 140 mm
Cutting method	Contour cutting by knife blade
Cutting blade	Super-steel, 0.9 mm dia. (CB09UA)
Cutting area	Max. 100 mm x 200 mm
Cutting speed	Max. 300 mm/s
Print and cut alignment accuracy	0.5mm or less in 50 mm (after adjusted in the adjustment menu)
Interface	USB 2.0 (Full speed), Ethernet (10BASE-T, 100BASE-TX)
LCD	20 characters, 4 line
Power supply	100 V to 240 V AC, 50 or 60 Hz
Power consumption	Max. 600 VA
Environment	Operating: 10 degree to 35 degree in Celsius, 35 % to 75 % RH (non-condensing) Guaranteed accuracy: 16 degree to 32 degree in Celsius, 35 % to 70 % RH (non-condensing)
External dimensions (W x D x H)	Approx. 1,035 mm x 423 mm x 614 mm
Weight	Approx. 70 kg
Separator section	Weeding and winding material automatically Core size for take-up weeded material: 1 inch bore, Width: 140 mm
Cross cutter section	Cross-cut by the knife, Ejecting in sheet, Including tray
Supported OS	Windows 2000/XP/Vista/7
Compliance of standard	UL/cUL, FCC Class A, RoHS

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Specifications are subject to change without notice.

eco RoHS Compliant model



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