

LC1000

Vorey沃瑞

LC1000 digital laser die-cutter is roll to roll label cutting machine with automatic tension design. It collects laminating, die-cutting, wastes removing and sheet cutting together. This unique design makes the machine do full cut, half cut, dash cut and carve characters in one cutting job. It not only cuts label, but also identifies variable data and cuts all labels without any limitation. It has blank cut, fly cut and intermittent cut modes. It can cut all kinds of labels and increase the production quickly.



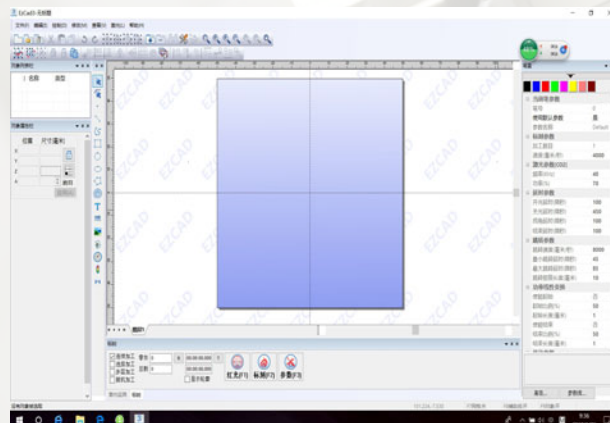
DIGITAL LASER LABEL DIE-CUTTER

TECHNOLOGY FEATURES

- Perfect machine design reduces testing job time.
- Intelligent position system detects feeding and stops cutting with deflection.
- Blank media cutting can meet lots of small orders.
- Utilizing the pulsed laser source which can do intermittent cutting and raise the working efficiency.
- Feeding system with 5 shafts auto tension adjustment which decreases manual adjustment.
- Full servo motor drives all feeding and running makes the machine running perfectly.

CUTTING SOFTWARE

- Its running must be connected with machine
- Easy user operation interface and media management system
- Software can open PLT, PDF, AI, and DXF format.
- It can select cutting mode depending on different shapes.
- Trajectory optimization for perfect cutting



Specification

MAX. MEDIA ROLLER	Diameter 450mm
CUTTING MEDIA WIDTH	40-350mm
MAX.LABEL WIDTH	350mm
LASER SOURCE	10.6um co ²
AVERAGE POWER	≥220 Watt (Peak power 450Watt)
CUTTING SPEED	Max.50m per minute (depend on label shape and size)
FOCUS SPOT SIZE	0.025mm
DIE-CUTTING MODE	No Mark /Intermittent /Fly
CUTTING TRACKING	Color sensor detection and web guide
CUTTING PRECISION	0.1mm
TENSION SYSTEM	5 shafts auto adjustment
FILE FORMAT	PLT. PDF. AI. DXF
ENVIRONMENT	Temperature: 20°C-23°C, Humidity: 45-55% (RH)
COOLING MODE	Water cooling
MACHINE SIZE	1840*1171*1710mm
MACHINE WEIGHT	Approx: 720kgs
POWER	110-127VAC 50-60HZ, 3000WATTS 220-240VAC 50-60HZ, 3000WATTS
WARRANTY	1year (besides high consumable parts)
ACCESSORIES	Dust removal device Web guide Sheet paper cutter Cooling Chiller

Note: 1.Above datas are gotten from tesing in lab, there is difference when you use.
2.Product testing is based on VOREY original parts or recommended parts.
3.We reserve the rights to improve and change the machine's specifications without notifying in advance.

VOREY TECHNOLOGY CO., LTD.

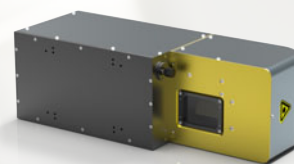
① No.1585,Juxian Road, Hi-Tech District, Ningbo, 315100, China.
② 0574-87476008 0574-83006836
③ berril@voreychina.com
④ www.voreychina.com

Copyright 2021, VOREY. All rights reserved. All Content is subject to change without prior notice



HIGH PRECISIONS FEEDING SYSTEM

Utilizing the ultrasonic web-guide system makes the feeding perfectly.



LASER DIE-CUTTING SYSTEM

The pulsed laser source is from coherent of United State, the high speed scanning mirror is from GTI, and the highest precision lens is from II VI Company. The light spot diameter gets to 0.025mm. Utilizing this technology, the LC1000 can cut labels made by many kinds of media and reduce burning the edge of media.



Vorey wechat public ID