



DLC Series CO2 laser printer

DLC300 CO₂ Laser printer adopts a new intelligent vector controlled algorithm, featuring significantly improved marking speed.

All-in-one compact design, can be integrated with conveyor lines or pouch packaging machinery. Permanent, high-contrast printing ensures that products are traceable and offers protection against



High stability

- New intelligent control algorithm provides high-quality engraving effect.
- High-performance processors achieve lower power consumption and faster frequency.



Easy Integration

- Compact design for better integration into production lines.
- Suitable for various installation spaces, convenient and fast operation.



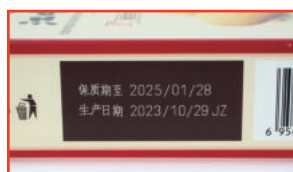
High efficiency

- Faster marking speed, CPS up to 1000 characters.
- Various fonts, graphics, images can be printed.
- Suitable for film, cardboard, plastic, glass, leather and other materials.



Effective cost control

- Mean time between failure(MBTF)50,000 hours.
- No consumables required, saving usage costs
- Permanent identification, reliable anti-counterfeiting option.



SHANGHAI DIKAI CODING TECHNOLOGY CO., LTD.

Add: Building No.1, SCI-TECH ONE, No. 489 Wenchuan Road,
Baoshan District, Shanghai 201906, PRC

Website: www.dkcoding.net

Email: info@dkcoding.net

Linked in

YouTube



Parameters

DLC300

Applicable industries		Paper boxes, flexible packaging films, plastic bottles, glass bottles, etc.
Scanning method		X and Y axis simultaneous scanning mode
Marking mode	Flying mode	150m/min, 200m/min (optional)
	Static mode	Multiple products can be marked at the same time
Marking laser	Generator	CO2 laser generator (Hign-end model optional)
	Wavelength	10.6 μm default, 9.3 μm and 10.2 μm optional.
	Output power	30 W
Guide light		Red guild light
Marking area/Focal distance		70×70/100, 110×110/150, 140×140/250, 210×210/300, 300×300/435 optional.
Scan speed		8000 mm/s, 12000 mm/s optional.
Software controller		Linux system, 10-inch touch screen.
Font type	Font	Single font, double font, dot font.
	Barcode	Code39/Code25/EAN-13/Code128, etc.
	QR code	PDF147/QRCODE/DATAMATRIX
	Graphics	DXF/PLT format vector graphics import/export
Marking status		Running, ready, fault status
Font size		0.8 mm-maximum marking area
Input/Output		2-way input/3-way output, can be customized.
Interface		SD card/USB2.0/Communication interface
Laser installation		Arbitrary direction
Cooling method		Air cooling
Power supply		50-60 Hz; 110 V/220 V
Power consumption		800 W
Operation temperature		5-40℃
Operation humidity		10 %-90 % (non-condensing)
IP rate		IP54
Screen dimension		252mm*168mm*36mm
Laser dimension		708 mm×172 mm×167 mm

DLC300 dimension (mm)

