



DLU500X Pro UV Laser Printer



DLU500X Pro UV laser printer adopts a new intelligent vector control algorithm, the marking speed significantly increased. The unique laser control technology can easily get the best prints on films, hard plastics, metals and other materials.

Advantages include compact size, low-maintenance, no consumables, and high-quality marking. Permanent and high-contrast prints ensures product traceable, anti-counterfeiting and anti-channeling.



High Stability

- Brand-new intelligent control algorithm ensures high quality printing;
Anti-electromagnetic interference design; 24 hours of continuous operation.



Easy Integration

- Compact size, easy integration onto various packaging lines, and suitable for narrow installation space;
Friendly user interface, more convenient operation.



High Efficiency

- Up to 700 CPS;
Can print almost all fonts, barcodes, QR codes, images and graphics;
Widely used in films, HDPE, LDPE, metals and other materials.



Cost Effective

- MTBF up to 20,000 hours;
No consumables to save operation costs;
Permanent identification to protect brand and make products traceable.



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Technical Parameter

Model		DLU500X Pro
Application		Soft-packaging, HDPE, LDPE, PP, Metal, etc.
Scan Mode		X & Y axial simultaneous scan
Marking Mode	Flying Mark	150 m/min
	Static Mark	Multiple products can be marked simultaneously
Marking Laser	Type	UV laser generator
	Wavelength	355 nm
	Output	5 W
Guide Laser		Blue light positioning
Marking Area/Focal Distance (mm)		70×70/135, 90×90/165, 110×110/218, 130×130/256, 150×150/255, 175×175/305, 200×200/350, 220×220/400, 250×250/435, 300×300/520, 350×350/561, 400×400/573, 450×450/670, 500×500/880, 600×600/1000, 800×800/1250
Scan Speed		≤8000 mm/s
Character Type	Fonts	Single/Double font, Dot-matrix font
	Bar Code	Code39/Code25/EAN-13/Code128, etc
	QR Code	PDF147/QR CODE/DATAMATRIX
	Graphic	DXF/PLT format vector image input/output
Marking Condition	Marking Status	Operation, Ready, Error status
	Character Size	0.1 mm-Max. marking area
Input/Output		Two-way input/Three-way Output, can be customized.
Connection		SD card/USB 2.0/Communication interface
Installation Direction		Arbitrary direction
Cooling		Water cooling
Power & Temp.	Power Supply	220 V AC, 50-60 Hz, 110 V optional.
	Power	600 W
	Temp.	10-30 °C
	Humidity	10%-90% (non-condensation)
IP Rate		IP54, IP65 optional
Dimension (mm)		Laser body: 569×180×152; Controller screen: 305×207×56; Water cooler: 580×290×470

Dimension: (mm)

