DLF1000m Fiber Laser Printer

DLF 100 W FIBER laser printer adopts intelligent vector control algorithm, marking speed greatly improved. Low maintenance, no consumables, and high-quality printing features. With an optimized marking font library, it can print permanent and high-contrast marks on flexible packaging, hard plastics (PE/PP), metals and other materials. Commonly used in food, cosmetics and other industries to ensure product traceability at the same time.

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

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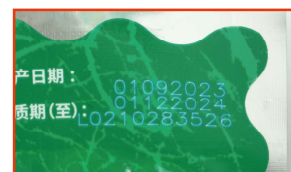- Friendly user interface, convenient operation.

High Efficiency
- Up to 1000 CPS;
- Can print almost all fonts, barcodes, QR codes, images and graphics;
  Widely used in films, metals, plastic materials, etc.

Cost Effective
- Efficient fan cooling design for low maintenance and long life
- MTBF up to 100,000 hours;
- No consumables to save operation costs;
- Permanent identification to protect brand and make products traceable.

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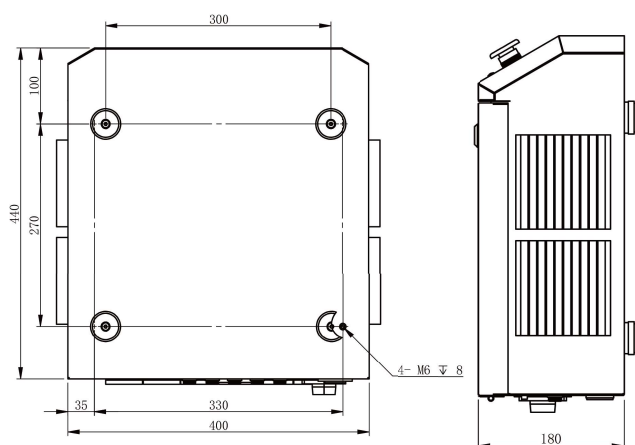# Technical Parameter
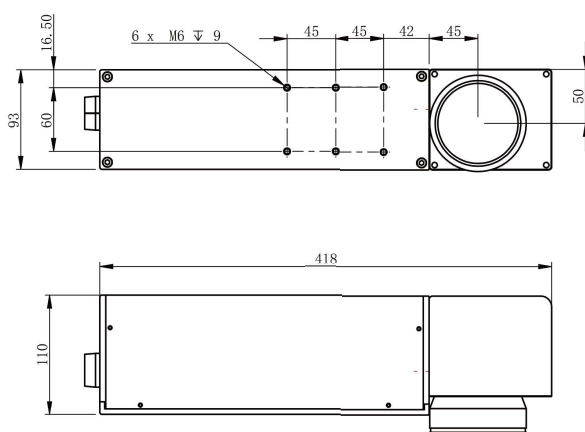
		DLF1000m
Application		Soft-packaging, PP, Metal, etc.
Scan Mode		X & Y axial simultaneous scan
Marking Laser	Type	Fiber laser generator
	Wavelength	1064 nm
	Output	100 W
Guide Laser		Red light positioning
Marking Area/Focal Distance (mm)		70×70/107, 110×110/187, 150×150/245, 175×175/272, 200×200/324, 250×250/414, 300×300/465
Scan Speed		10000 mm/s
Software Control		Linux system, 10-inch touch screen
Character Type	Fonts	Single/Double font, Dot-matrix font
	Bar Code	Code39/Code25/EAN-13/Code128, etc.
	QR Code	PDF147/QRCODE/DATAMATRIX
	Graphic	DXF/PLT format vector image input/output
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		Air cooling
Power Supply		110/220 V; 50-60 Hz
Power		1000 W
Temp.		0-40 ℃
Humidity		10 % ~ 90 %, non-condensation
IP Rate		IP54
Dimension		Controller 400×440×180 mm; Laser printer: 418×93×110 mm

Dimension (mm)

Controller

Laser Printer