



# **LEAD TECH 8000 SERIES**

LASER MARKING SYSTEM



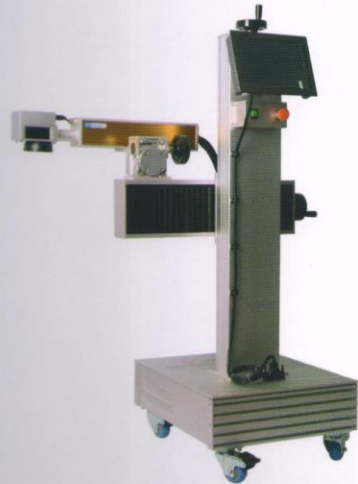
Laser marking system  
**LT8000 Services**  
 Co<sup>2</sup> / Fiber



Adopts self-development galvanometer, laser and controlling board with powerful functions and excellent performance and also comes with cost effectiveness to bring a total new experiences to customer.

**Co<sup>2</sup>type:LT8010C/LT8030C**

- Can work on a variety of materials with clear and high quality marking in high speed.
- Equipped with flexible installation options that allows ease in production integration.
- **Output Power:10W/30W**
- **Laser wave length:10.6µm/10.2µm/9.3µm**



Par Number: **LT8030C**

C=CO<sup>2</sup> F=Fiber  
 Power 30W  
 Laser  
 Lead Tech

**Fiber type:LT8020F/LT8030F/LT8050F**

- Mainly apply to electronic components, motor, pipes, battery and other marking demanding.
- High flexibility of installation method and compact machine structure make our machine more easier to set up and use.
- **Output Power:20W/30W/50W**

# Laser marking system

Co<sup>2</sup> / Fiber ▶▶



### High speed marking

- Use WINCE system, process information quickly.
- Unique red light positioning design can make the direction adjustment quickly.

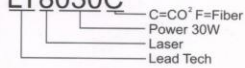
### Sample to apply

- Modular design, easy to understand.
- 7 inch touch screen, simple to operate and easy to handle.
- Also can connect to handheld touch controller or computer to operate.

### Working Environment

External Temperature	0°C~45°C (relative humidity)
Working Temperature	0~60°C
Environment Humidity	45%~75%
Atmospheric Pressure	<2000 m height
Power Demand	200V 5A/50Hz

Par Number: LT8030C



### SERIES PARAMETER

Item Type	MODEL		CO <sup>2</sup>		FIBER		
			LT8010C	LT8030C	LT8020F	LT8030F	LT8050F
Laser machine feature	Machine material	Aluminum structures					
	Laser	Enclosed metal for CO <sup>2</sup> laser generator			Fiber laser generator		
	Output power	≥ 10W	≥ 30W		≥ 20W	≥ 30W	≥ 50W
	Laser wave length	10.6μm	10.6μm	10.2μm	9.3μm	1064nm	
	Lens	High precision 2 dimensional scanning system					
	Marking speed	≤ 12000mm/s(economy type)			≤ 18000mm/s(high-end type)		
	Main control system	Highly integrated motherboard, embedded 7 inch screen, External connect 10 inch touch controller, double controlling systems					
	Operating system	WIN CE			WIN CE		
	Cooling system	wind			wind		
	Laser marking parameter	Focus zoom lens	Focal length 130mm			Focal length 130mm	
Marking scale type		Raster font, vector font for choosing					
Min.line width		0.03mm			0.012mm		
Repeatability accuracy		0.01mm			0.03mm		
Working area		90X90mm110X110mm(or customized)			110X110mm(or customized)		
Positioning		Red light positioning and focusing					
Lines of marking		No limited in working area					
Supporting language	Speed	0~180m/min	0~230m/min		0~230m/min		
	Fonts	Chinese and English, Korean, Russian, Numbers and other standard characters.					
	Format	BMP/DXF/HPGL/JPG/PLT					
Other	Bar Code	CODE39, CODE128, CODE126, QR, DM, Real code, Visual code					
	Power	220VA			220VA		
	Power Consumption	600W	800W	800W	600W		
	Net Weight	24.8KG			25KG		



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**The perfect Identification Creator**  
 Lead Tech is a trusted provider of continuous inkjet, laser coding and carton marking equipment provider.