

# EZLASER

LaserLife Guaranteed

# LCW

## LASER CUTTING SYSTEM



## Best sell and the most trusted model

### Features of LCW Series

- Path order assigned both automatically and manually.
- Tilt hopper & Part-catch drawer designed to collect the cutting work pieces conveniently.
- Reliable module designed for easy maintenance.
- Easy-swap module designed to assure maintenance promptly.
- Durable A.C. Servo motor enhance high-speed motion control.
- Easy operation with EZ-CUT II Software:
  1. "Pre-fetch" small linear segments and produce arcs for quick cutting.
  2. Working with most popular Windows based software such as Auto CAD.

### Specifications

Model No.	LCW60R	LCW-200	LCW-100D	LCW-200D
Laser Source	RF 60 watt Sealed CO <sub>2</sub> laser tube	RF 200 watt Sealed CO <sub>2</sub> laser tube	DC 100 watt Sealed CO <sub>2</sub> laser tube	DC 200 watt Sealed CO <sub>2</sub> laser tube
Laser Tube Cooler	Air	Water	Water	Water
Net Weight	390kg	400kg	360kg	370kg
Working Area(WxD)	900 x 1300 mm (35.4" x 51.1")			
Maximum Part Size(WxDxT)	960 x 1360 mm (37.8"x 53.5")			
Overall Dimensions(WxDxH)	1800 x 1360 x 1070 mm (70.8"x 53.5" x 42.1")			
Motion Control	CNC commands (G,M code)			
PC Communication	RS-232 serial port with supplied cable			
Memory Buffer	2 MB			
Focus Lens	2.0"			
Speed (Max)	Up to 45 M/min traversing, 30 M/min cutting			
Laser Power Control	Digital laser power control with automatic proportional pulsing and color linked			
Cutting Pallet	Support structure made of aluminum, minimizing damage of the reflecting light			
Power Supply	Single phase, 220VAC, 10 Amp, 50/60Hz			
Driver	EZ-CUTTER (Standard)			
CAM Software	EZ-CUT II(Option) acceptable DXF/HPGL/CNC code files			

### Facility Requirements

Host PC	Windows XP capable system
Air Assist	Gas tank or Compressor to provide dry air, 20Lit/min, 5Bar, with 8mm diameter hose
Exhaust System	One exhaust blower (2HP), Pressure 120/150 mmAq, Air flow 24~30m <sup>3</sup> /min, with one 8" diameter hose
External Chiller (100W Laser Tube)	DI water, 8000 BTU(R.F. 100W/ D.C. 200W); 4000 BTU(D.C. 100W)/ 18000 BTU(R.F. 200W); Cooling capability: Flow rate>5 Lit/min

### Applications

Acrylic Display	Marquetry
Decorations	Embroidery and Textile
Signs	Router Template Stencils
Gaskets	Plastic Fabrication
Architecture models	Photo Frame
2D Prototypes	



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