

# LCW

POPULAR Laser Cutting Machine – Working Area 1300 X 900 mm



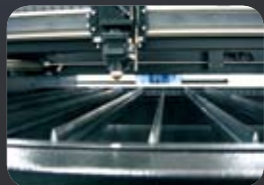
LCD Touch Panel



Lens Socket Focus Module



CCD Vision Location Module (Option)



Pass Through Design



Sloping Hopper Design



Collecting Drawer

## Features & Benefits

- LCD Touch Panel** : Operate & modify parameters more convenient.
- Lens Socket Focus Module** : Exchange & maintain lens easily.
- CCD Vision Location Module (Option)** : Enable accurate vision location compensation.
- Pass Through Design** : Enable continue feeding material front to rear(1360 mm width).
- Sloping Hopper Design** : Collect the cutting work pieces automatically.
- Collecting Drawer** : Collecting work pieces easily.
- Modularize Design** : Enable maintenance cheaper, faster & easily.
- NC Servo Motors** : Enhance high accuracy under high cutting speed.
- High Cutting Ability** : Fast cutting speed up to 30M/min and Acrylic cutting up to thickness 30mm.
- Red Pointer** : Help user to locate the laser beam.
- Honeycomb Table (Option)** : Special designed to provide best support for soft material such as textile and card board...etc.
- CAM Software (Option)** : EZLASER CAM (CUTTER) provides special functions to make excellent product rapidly.
- Versatile Cutting Application** : Like Acrylic, Signs, Architecture Models, Plastic Fabrication, Gaskets, Router Template Stencils, Timber and Textile...etc.



General Cutting



Architecture Model



Acrylic Cutting



MDF Board & Acrylic

## Specifications

Model No.	LCW-60R	LCW-100R	LCW-200R	LCW-90D	LCW-140D	LCW-280D
Laser Source	RF 60 Watt Sealed CO2 laser tube	RF 100 Watt Sealed CO2 laser tube	RF 200 Watt Sealed CO2 laser tube	DC 90 Watt Sealed CO2 laser tube	DC 140 Watt Sealed CO2 laser tube	DC 280 Watt Sealed CO2 laser tube
Laser Tube Cooler	Air	Air	Water	Water	Water	Water
Net Weight	390 kgs	390 kgs	400 kgs	360 kgs	360 kgs	370 kgs
Working Area (WxD)	1300 x 900 mm (51.1" x 35.4")					
Max. Part Size (WxD)	1360 x ∞ mm (53.5" x ∞")					
Overall Dimension (WxDxH)	1800 x 1480 x 1070 mm (70.8" x 58.3" 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" (Standard)					
Max. Speed	Up to 45 M/min traversing, 30 M/min cutting					
Laser Power Control	Digital laser power control with automatic proportional pulsing and color linke					
Cutting Pallet	Aluminum frame to minimizing damage of reflecting laser light					
Power Supply	1Φ, 220VAC, 10Amp, 50/60 Hz					
Laser Power	1Φ, 220VAC, 15Amp, 50/60 Hz					
Driver	EZLASER DRIVER (CUTTER) (Standard)					
CAM Software	EZLASER CAM (CUTTER) (Option) acceptable with DXF / HPGL / CNC code files					

## Facility Requirements

Host PC	Windows XP capable system
Air Assist	Compressor with Gas Tank to provide dry air, 20 Lit/min, 7kg/cm2 with 8mm diameter hose.
Exhaust System	One exhaust blower (2HP), Pressure 50 mmAq, Air flow 30m3/min with two 8" diameter hoses.
External Chiller	DI Water, 4000BTU (90D,140D) / 8000BTU (280D) / 18000BTU (200R), Cooling Capability : Flow rate>5Lit/min.

## Options

1.	Exhaust Blower Assembly (2HP)
2.	Compressor (2HP)
3.	CCD Module
4.	Honeycomb Cutting Table
5.	3.0" Focus Lens
6.	EZLASER CAM (CUTTER)

# EZLASER