C139

INITIATE Laser Cutting Machine : Working Area 1300 X 900 mm

Personalized Items   **Thin Acrylic Cutting**   **Fabric Paper Cutting**   **Thin Wood Cutting**

LCD Touch Panel   **Pass Through Design**   **Slopping Hopper Design**   **Collecting Drawer**

Specifications

Model No.	C139-90D
Laser Source	DC 90 Watt Sealed CO2 laser tube
Laser Tube Cooler	Water
Net Weight	360 kgs
Working Area (WxD)	1300 x 900 mm (51.1" x 35.4")
Max. Part Size (WxD)	1330 x ∞ mm (52.4" x ∞")
Overall Dimension (WxDxH)	1800 x 1400 x 1000 mm (70.8" x 55.1" x 39.4")
Motion Control	CNC commands (G, M code)
PC Communication	RS-232 serial port with supplied cable
Memory Buffer	2 MB
Standard Focus Lens	1.5", 2.0" and 2.5"
Max. Speed	30 M/min
Laser Power Control	Digital laser power control with automatic propotional pulsing and color linked
Cutting Pallet	Aluminum frame to minimizing damage of reflecting laser light
Power Supply	1Φ, 220VAC, 10Amp, 50 Hz
Laser Power	1Φ, 220VAC, 15Amp, 50Hz
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), max. pressure 145mmAq, max. air flow 30m3/min with one 6" diameter hose.
External Chiller	DI Water, 4000BTU(90D), Cooling Capability: Flow rate>5Lit/min

Options

1.	EZLASER CAM (CUTTER) Software

Features & Benefits

1. LCD Touch Panel : Operate & modify parameters more convenient.

2. Pass Through Design : Enable continue feeding material front to rear (1300mm width).

3. Sloping Hopper Design : Collect the cutting work pieces automatically.

4. Collecting Drawer : Collecting work pieces easily.

5. Modularize Design : Enable maintenance cheaper, faster & easily.

6. High Cutting Ability : Fast cutting speed up to 30M/min and Acrylic cutting up to thickness 30mm.

7. Red Pointer : Help user to locate the laser beam.

8. Honeycomb Table : Special designed to provide best support for soft material such as textile and card board ..etc.

9. CAM Software (Option) : EZLASER CAM (CUTTER) provides special functions to make excellent product rapidly.

10. Versatile Cutting Application : Like Acrylic, Signs, Architecture Models, Plastic Fabrication, Gaskets, Router Template Stencils, Timber and Textile…etc.

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