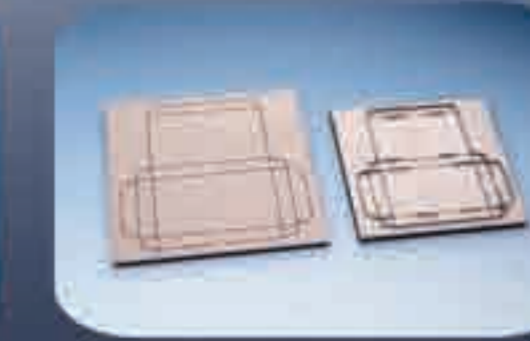


LCX

Basic Laser Cutting Machine - Working Area 1500 x 1200mm



Metal Cutting



Die Board Cutting



MDF Board Cutting



Acrylic Cutting

Specifications

Model No.	LCX-400R	LCX-400P
Laser Source	Synrad RF 400W	RF 400W E-400 (COHERENT, E-400)
Laser Tube Cooler	Water	
Net Weight	1800Kg	
Working Area (WxD)	1200 x 1500 mm (47.2" x 59")	
Max. Part Size (WxD)	1250 x 1550 mm (49.2"x 61")	
Overall Dimension (WxDxH)	1965 x 3185 x 1365 mm (77.3x 125.3" x 53.7")	
Motion Control	CNC commands (G,M code)	
PC Communication	RS-232 serial port with supplied cable	
Memory Buffer	2 MB	
Standard Focus Lens	3.75" / 5"	
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 linked	
Cutting Pallet	Copper Needle Table	
Power Supply	3 Phase, 220VAC, 10 Amp, 50/60Hz	
Driver	EZ-LASER(standard)	
CAM software	EZ-LASER acceptable with DXF / HPGL / CNC code files	
Z-axis height	60mm	
Accuracy	± 0.05 mm	



Standalone Control Panel



Focus Len Module



CCD Vision Location Module



Copper Pins Platform

Features & Benefits

- 1.Non-Contact Auto Focus System** : Provide easy & convenient auto focus laser beam.
- 2.Standalone Control Panel** : Convenient operation and provide multiple language support.
- 3.Focus Len Module** : Convenient to exchange and maintain lens.
- 4.District Exhaust Design** : Enhance smoke exhaust ability.
- 5.CCD Vision Location Module (Option)** : Enable accurate vision location compensation.
- 6.Modularize Design** : Enable maintenance faster & easily.
- 7.Red Pointer** : Help user location the laser beam.
- 8.Copper Pins Platform** : Minimize damage of reflecting laser light.
- 9.High Cutting Ability** : Faser cutting speed Up to 30 M/min cutting and 45 M/min traversing.
- 10.CAM Software (Option)** : EZLASER CAM (CUTTER) provides special functions to make excellent product rapidly.

Facility Requirements

Host PC	Windows XP capable system
Air Assist	Compressor with Gas Tank to provide dry air, 20Lit/min, 7kg/cm2 with 8mm diameter hose
Exhaust System	One exhaust blower (2HP), pressure 50mm Aq, Air flow 25m3/min, with two 8" diameter hose
External Chiller	DI Water,Cooling Capability, flow rate > 60Lit/min, 36000BTU

Options

1.	CCD module
2.	Red Point Module
3.	Copper Needle Table
4.	EZ-CUT II Plus Software
5.	Exhaust Blower Assembly (2HP)
6.	Compressor (3HP)

EZLASER