

LCG

LARGE Laser Cutting Machine — Working Area 2500 X 1550 mm



Standalone Control Panel



5.7" Color LCD Touch Panel



Lens Socket Focus Module



Upper Exhaust Design



Collecting Drawer



Smooth Feeding Design



Large Puzzle & Wooden Cutting



Large MDF Board Cutting



Large Acrylic Cutting



Large Wood Cutting

Specifications

Model No.	LCG-200R	LCG-280D
Laser Source	RF 200 Watt Sealed CO2 laser tube	DC 280 Watt Sealed CO2 laser tube
Laser Tube Cooler	Water	Water
Net Weight	1000 kgs	
Working Area (WxD)	1550 x 2500mm (61" x 98.4")	
Maximum Part size (WxDxT)	1600 x ∞ mm (63" x ∞")	
Overall Dimension (WxDxH)	2000 x 3300 x 1100 mm (78.7" x 129.9" x 43.3")	
Motion Control	CNC commands (G, M code)	
PC Communication	RS-232 serial port with supplied cable	
Memory Buffer	2 MB (Unlimit because can continue transmit data during working)	
Standard Focus Lens	2.0" / 3.0" / 4.0"	
Max. Speed	Up to 15 M/min traversing, 12 M/min cutting	
Laser Power Control	1 Φ, 220VAC, 20Amp, 50/60Hz	
Cutting Pallet	Aluminum frame to minimizing damage of reflecting laser light	
Power Supply	1 Φ, 220VAC, 20Amp, 50/60Hz	
Interface	5.7" Color LCD Touch Panel	
Driver	EZLASER DRIVER (CUTTER) (Standard)	
CAM Software	EZLASER CAM (CUTTER) (Option) acceptable with DXF / DWG / PLT / AI code files	

Features & Benefits

1. **Large Working Area** : Suit to 8 ft x 5 ft thick material cutting.
2. **Standalone Control Panel** : Convenient operation and provide multiple language support.
3. **5.7" Color LCD Touch Panel** : Convenient operation and provide multiple language support.
4. **Lens Socket Focus Module** : Convenient to exchange and maintain lens.
5. **Upper Exhaust Design** : Enhance smoke exhaust ability.
6. **Collecting Drawer** : Collecting work pieces easily.
7. **Smooth Feeding Design** : Make material sheet feeding easily.
8. **High Cutting Accuracy** : Equip with servo motor, rigid structure and accurate linear guide.
9. **Sealed Laser Optic Path** : Ensure operating safety.
10. **Modularize Design** : Enable maintenance faster & easily.
11. **Upper Exhaust Design** : Exhaust eduction more efficient.
12. **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, 20 Lit/min, 7kg/cm2 with 8mm diameter hose.
Exhaust System	Two exhaust blower (2HP), max. pressure 145mmAq, max. air flow 30m3/min with two 8" diameter hoses and two 4" upper exhaust hoses.
External Chiller	DI Water, 8000BTU (280D) / 18000BTU (200R), Cooling Capability : Flow rate > 5Lit/min

Options

1.	Exhaust Blower Assembly (2HP)
2.	Compressor (3HP)
3.	EZLASER CAM (CUTTER) Software

EZLASER