



MACHINE DATA SHEET

Customer Service #: (570) 546-9663 · To Order Call: (800) 523-4777 · Fax #: (800) 438-5901

MODEL G0874 35" X 51" CNC LASER CUTTER/ENGRAVER

Product Dimensions:

Weight 844 lbs.
Width (side-to-side) x Depth (front-to-back) x Height 74 x 61 x 42 in.
Footprint (Length/Width) 54-1/2 x 66-1/2 in.

Shipping Dimensions:

Type Wood Crate
Content..... Machine
Weight 1288 lbs.
Length x Width x Height..... 82 x 66 x 50 in.
Must Ship Upright Yes

Electrical:

Power Requirement 110V, Single-Phase, 60 Hz
Full-Load Current Rating..... 13.6A
Minimum Circuit Size 20A
Connection Type..... Cord & Plug
Power Cord Included Yes
Power Cord Length 6 ft.
Power Cord Gauge 16 AWG
Plug Included Yes
Included Plug Type 5-15
Switch Type Control Panel w/Keyed Master Switch

Motor:

X-Axis Motor

Type..... Stepper
Amps 5.8A

Y-Axis Motor

Type..... Stepper
Amps 5.8A

Z-Axis Motor

Type..... Stepper
Amps 4.2A

Main Specifications:

Laser Information

Type..... Sealed CO2 Laser Tube
Wattage 150W
Wavelength..... 1064nm
Focus..... Automatic
Cooling System Water

Cutting Information

Cutting Area	35 x 51 in.
Cutting Speed.....	0 - 945 in./min.
Minimum Shaping Character Size.....	0.04 x 0.04 in.
Resetting Position Accuracy.....	0.002 in.
Maximum Cutting Height	7 in.
Cutting Accuracy	0.05mm

Table Information

Table Length	51-1/2 in.
Table Width	35-3/4 in.
Table Adjustment	Motorized

Construction Materials

Table.....	Steel Lattice
Cabinet	Aluminum
Paint Type/Finish.....	Enamel

Other Related Information

Number of Exhaust Ports	1
Exhaust Port Size.....	6 in.
Outlet Adapter Included.....	Yes
Outlet Adapter Size	6 in.
Outlet Adapter Type	T-Adapter
Design Software	RDWorks

Other Specifications:

Country of Origin.....	China
Warranty.....	1 Year
Approximate Assembly & Setup Time	2 Hours
Serial Number Location	Machine ID Label
ISO 9001 Factory.....	Yes
Certified by a Nationally Recognized Testing Laboratory (NRTL).....	No

Features:

- WiFi Connectivity Capable
- LCD Control Panel
- Automatic Tool Height Adjustment
- 180mm Height Capacity w/Powered Z-Axis
- Sealed Cartridge Bearing Rails
- Auxiliary Power for Exhaust Fan and Circulating Water Cooler
- USB Port

Accessories:

- Water Chiller for Cooling Laser Tube
- Exhaust Fan for Quickly Removing Smoke from Laser Compartment
- Air Compressor for Efficiently Removing Debris During Cutting Operations
- Exhaust Hoses: 6" x 48" (2), 4" x 60"
- Toolbox