





# Why Choose CW-530?

Affordable & Efficient - Professional results at a budget-friendly price.

Space-Saving Design - Compact yet powerful for home workshops.

User-Friendly Interface - Simple setup and intuitive controls.

Multi-Material Capability - Expand your creativity with various materials.

#### **Key Features**

40W CO2 Laser - Offers powerful and precise cutting.

High-Precision Stepper Motor – Ensures accuracy and smooth operation.

LCD Control Panel - User-friendly interface for seamless operation

USB Connectivity - Easy file transfer from your computer.

Versatile Material Compatibility - Cuts and engraves wood, acrylic, leather, and more.



#### **Compact & Powerful**

The CW-530 laser cutter combines precision with affordability, making it ideal for hobbyists, small businesses, and DIY enthusiasts. Despite its compact size, this machine delivers high-performance cutting and engraving capabilities comparable to larger models.



Hybrid servo motor 1000mm/s speed for engraving photo, super smooth vector cutting quality.



It is the most often used head.



Keep the engraving/ cutting precise and very durable.



**Drive belts** This belt is stable performance with long life, wearable and durable.



Honey comb table Reduces underside reflections.



Exhaust system Ensure the work pieces and laser cutter machine inside be clean.



Low-noise cooling fan Operate the laser in a quiet and comfortable surroundings.

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Water Chiller Keep the temperature to ensure the stability of laser working.



LCD panel Set speed, power, and more directly from the LCD panel.



Air assist Blowing air to prevent the material being burned.





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## **APPLICATIONS**

**Personalized Gifts** Create custom keychains, plaques, and ornaments.

Signage & Labels Design professional signs and branding materials.

Jewelry & Accessories Engrave intricate patterns on metals and acrylics.

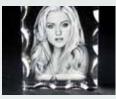
Architectural Models Cut precise components for scale models.

**Crafts & Decorations** Produce detailed designs for home decor.

**Educational Projects** Ideal for schools and makerspaces to explore creativity.

**Leatherwork & Textiles** Cut and engrave leather for wallets, belts, and custom fabric patterns.

















### **SPECIFICATIONS**

Working area	500x300mm	Operating Modes	Optimized raster, vector
Laser Tube Wattage	40W		and combined mode
Table size Size	700x530mm	Computer Interface	Ethernet and USB Connection
-Front door closed	700x530x170mm	Compatible OS	Win XP/2000/Vista/7/8/10
-Pass-through door	700x ∞ x15mm	Buffer Memory	128MB Standard
Table Size	120m/min	Display Panel	3.5" LCD panel showing
Z Axis Height	155mm		current file, total working time, laser power, speed etc.
Dimensions(WxDxH)	1070x810x610mm	Ventilation System	Integral exhaust fan. 1 output
Net Weight	50kgs		port, 145 mm in diameter in the rear of the case.
Laser Type	Sealed Co2 Glass Laser Tube	Motion Control System	High-Speed Hybrid servo motor
Cooling System	Water Cooled	Working Voltage	110 to 240 volts, 50 or 60 Hz, single phase 0-45°C, Moisture 45-85%
Maximum Speed	1000mm/S(39.4 IPS)		



