

aeon

AE 5030 CW

Desktop laser engraving Machine



Why Choose CW-530?

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

Space-Saving Design – Compact yet powerful for home work-shops.

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.



Standard laser head
It is the most often used head.



High quality rails
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.



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



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