

CO2 1390 Laser Cutting Machine



Introduction



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CO2 laser cutters have become the most affordable and best-value cutting tools in the recent years, and can be your good partner to bring your creations, ideas and designs to life with personalized gifts, crafts, arts, decors, signs and logos. With a carbon dioxide laser cutting system, you can easily engrave any graphics and cut any shapes & contours on wood, acrylic, plastic, foam, stone, fabric and leather.

Basic Parameters

Items	Description
Processing Format:	1300*900mm
Machine size:	1820*1370*1080mm
Package Size:	1960*1470*1250mm
Machine weight:	GW: 400KG NW:300KG Wooden case 100KG
Packing CBM:	With wooden case 2.7 m ³
Laser power:	60w, 80w, 100w, 130w, 150w, 200w

Cutting Ability

Power	Acrylic	Board	Density board
80 ~ 100w	10mm	10mm	5mm
100 ~ 130w	15mm	13mm	7mm
130 ~ 150w	20mm	18mm	10mm
150 ~ 180w	22mm	20mm	12mm

(Warm reminder: If you need to use it for engraving, it is recommended to choose a low-power laser tube)

Real Pictures



Technical Parameters

Items	Description
Working voltage:	AC 220V±10%, 50HZ
Control system:	Ruida system 6445 DSP control technology, can be connected to a computer or used offline USB
Drive:	stepper motor high subdivision drive
Guide rail:	linear guide rail hidden structure
Countertop:	knife strip, honeycomb (optional)
Transmission mode:	synchronous belt transmission
Laser type:	Yongli glass cavity sealed CO2 laser wavelength 10.6 μm
Laser tube cooling:	Pure circulating water cooling
Energy adjustment:	0-100% stepless control, 0-100% adjustable within the software
Positioning accuracy:	≤±0.05mm
Engraving speed:	0-1200mm/s
Cutting speed:	0-600mm/s
Minimum molded characters:	Chinese characters 1.5mm, English letters 1mm
Working environment:	Temperature 0-45℃, humidity 5%-95% (no condensation)Working environment: Temperature 0-45℃
Machine power:	<2.5KW
Software supported formats:	PLT, DXF, AI, BMP and RLD can support direct output of AutoCAD and CorelDRAW

Machines and accessories

CO2 laser cutting machine*1, CO2 Laser tube*1, Centrifugal fan*1, industrial chiller*1, Air compressor*1, Water pipe*3, Exhaust pipe*2, Tool kit*1

Accessories include with the machine



Team/Showroom/Warehouse/Demo/Service



Company Strength Display

Company and factory



Company and factory



Packaging and Loading



Packaging and Loading



Exhibitions

HIGHTECH Team at the exhibition site	Subject	HIGHTECH Team at the exhibition site
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