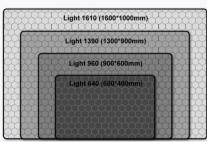


All-rounder laser cutting machine For education and makers

Different models with a variety of laser power and working area to meet your different application requirements.

Laser type: DC CO2 Laser power: 60-150W



Working area

Faster and quieter

Shock-proof and high safety thanks to the advanced high-performance high-speed motor, it not only supports a working speed up to 1000mm/s but also runs more stable and with lower noise.



Open rear door design

The design of open back door allows for the placement of materials with no limit length. The 600mm x ∞ length sheet makes your work more convenient and less restrictive.



• Efficient autofocus + red dot positioning

The autofocus function can quickly and accurately focus and locate before processing. Coupled with the beam positioned by the red dot to view the working position in real-time, it saves a lot of time and brings better cutting engraving results.



Considerate and advanced safety

- 1.Emergency stops
- 2.Alarm lamps
- 3. Water protection switches 4.Earth wiring
- 5.The built-in heat detector alarm automatically switches on in the event of abnormal machine activity 6.5x open protection
- 7. The tempered glass material is durable protection window



Compatible material



plastic

paper

marble

cardboard



coated aluminum

cloth leather

coated stainless steel

upholstery ceramic

two-tone board

glass

tile

PET

SLATE

rubber

veneer

fiberglass

















Specification







Laser type	Sealed carbon dioxide glass laser tube
Laser power	60-150W
Work area	600x400mm/ 900x600mm/ 1300x900mm/ 1600x1000mm
Processing platform	Honeycomb platform + Aluminum knife platform
Platfom lifting	Support
Platform lifting height	155mm
Maximum cutting thickness	20mm (Acrylic)
Maximum working speed	1000mm/s
Posotioning accuracy	0.01mm
Resolution(DPI)	User-controlled from 100 to 500DP (standard laser head) up to 1000DPI
Focus mode	Auto focus, Manual foucs
Power off continued carving	Support
Motion control system	High-speed stepper motor + High speed closed loop motor
Exhaust system	Industrial grade air pump + exhaust fan +5M exhaust duct

Bitmap format JPG/PHG/BPM/		
Laser software LightMaker (PC & Mobile), Lightburn (PC) Sinch LCD touch screen/mobile phone APP/ PC software Supported formats Bitmap format JPG/PHG/BPM/vector format LCP/DXF/PLT/SV/ Support system Windows / iOS/ Android Device internal storage Rated power Power supply voltage 230V Machine size 1160x950x1180mm	Connection method	
Lightburn (PC) Derate control method Sinch LCD touch screen/ mobile phone APP/ PC software Bitmap format JPG/PHG/BPM/ vector format LCP/DXF/PLT/SV Support system Windows / iOS/ Android Device internal storage 256MB Rated power 1500W Power supply voltage 230V Machine size 1160x950x1180mm	Processing technology	
Supported formats Bitmap format JPG/PHG/BPM/vector format LCP/DXF/PLT/SVC Support system Windows / iOS/ Android Device internal storage 256MB Rated power 1500W Power supply voltage 230V Machine size 1160x950x1180mm	Laser software	
Supported formats Vector format LCP/DXF/PLT/SV Support system Windows / iOS/ Android Device internal storage 256MB Rated power 1500W Power supply voltage 230V Machine size 1160x950x1180mm	Operate control method	5inch LCD touch screen/ mobile phone APP/ PC software
Device internal storage 256MB Rated power 1500W Power supply voltage 230V Machine size 1160x950x1180mm	Supported formats	Bitmap format JPG/PHG/BPM/ vector format LCP/DXF/PLT/SVG
Rated power 1500W Power supply voltage 230V Machine size 1160x950x1180mm	Support system	Windows / iOS/ Android
Power supply voltage 230V Machine size 1160x950x1180mm	Device internal storage	256MB
Machine size 1160x950x1180mm	Rated power	1500W
TTOOXOOXTTOOTHIT	Power supply voltage	230V
Machine weight ≈300KG	Machine size	1160x950x1180mm
	Machine weight	≈300KG

Safety specifications

Safety specifications: Comply with US FDA and EU CE laser safety standards, cover opening protection function, water cooling protection system, temperature control automatic alarm system, leakage and short circuit protection system, emergency stop protection system, closed type optical system, toughened transparency observation window, working status indicator light.



Industrial grade water cooling

system integrated

Cooling system