


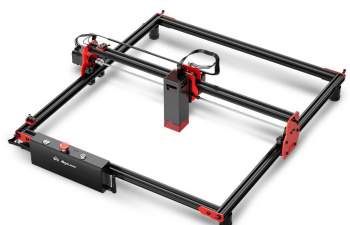


Specification List

Product Photo	Model	DIY KIT 10W
   	Real Laser Power:	≥10000mW(10W) with Air Nozzle
	Machine Power	120W
	10W thickest cutting capacity:	Birch Plywood:6mm Basswood Plywood:10mm Eucalyptus plywood: 5mm MDF: 3-5mm Black Acrylic: 10mm Bamboo: 6mm
	Safety Function :	Watch Dog (Incorrect settings of the machine cause disordered operation of the machine. it will stop the machine to avoid risks)
		Laser detection and protection
		USB Connection Detection and Protection
		Machine Offset & Shake Detection Protection
		Emergency Stop Switch
		Voltage detection and protection
		Key Lock
	Engraving Speed :	12000mm/min
	Spot Size	0.05mm*0.1mm
	Engraving Area:	400mm*400mm
	Control Software:	Laser GRBL (free), LightBurn (60usd/year), AlgoLaser Mobile APP
	Connection:	WiFi-2.4 GHz, TF Card (32GB), USB
	Laser Type:	Diode
	Wave Length:	455±5nm
	Focus:	5mm from Shiled Cover
	Input Format:	jpg, svg, png, bmp, G code, CAD, AI, CDR, dwg, etc.
	Lens Materials:	Glass
	Frame Materials	Aluminum Alloy
	Motherboard:	ALGOLASER_DIY_KIT_V1.2
	Input Voltage:	100-240~50/60Hz
	Power Adapter Output:	24V5A (6A MAX)
Available Materials of Engraving	Wood Board, Paperboard, Black Acrylic, Leather, Food, Stainless Steel, Power Coated Metal, etc.	
Available Materials of Cutting	Wood Board, Paperboard, Black Acrylic, Leather, Felt Cloth, Dark Color Plastic Sheet (Melt), etc.	
Laser Module Lifetime :	>10,000 Hrs	
Operating Temp:	*-10°C-40°C*	
Cetifications	FCC/CE/ROSH/FDA/UL,IEC60825-1/IEC60825-4	
Product size :	642mm*602mm*182mm	
Package Size :	650mm*295mm*145mm	
Gross Weight:	5.67kg	

REMARK:

1, **Warranty:** One Year Against Manufacturing Defect.

2, **Ticketing System:** <https://algolaser.com/support/>

3, **User Voice Type:** <https://forum.algolaser.com/>

4, **Knowledge Base:** <https://algolaser.com/en/learn/>