
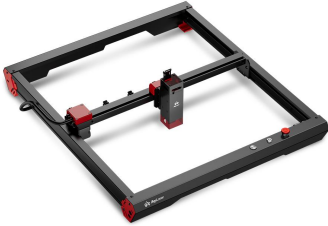






Specification List

Product Photo	Model	Alpha 10W
     	Real Laser Power:	≥10000mW(10W)
	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 ri
		Laser detection and protection
		USB Connection Detection and Protection
		Machine Offset & Shake Detection Protection
		Emergency Stop Switch
		Voltage detection and protection
		Key Lock
	Movement Speed :	30,000 mm/min Max
	Engraving Speed :	20,000 mm/min Max
	Spot Size	0.05mm*0.1mm
	Engraving Area:	X400*Y400mm
	Control Software:	Laser GRBL (free), LightBurn (60usd/year), AlgoLaser Mobile APP
	Connection:	Wifi (2.4G), TF Card(Built in 32G), USB
	Laser Type:	Diode
	Wave Length:	455±5nm
	Focus:	5 mm from shield
	Input Format:	jpg, svg, png, bmp, G code, CAD, AI, CDR, dwg, etc.
	Lens Materials:	Glass
Frame Materials	Aluminum Alloy	
Motherboard:	ALGO_LASER_V2.1	
Input Voltage:	100V-240V~50/60Hz	
Power Adapter Output:	24V5A	
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 TO 40°C	
Product size :	674mm*585mm*220mm	
Package Size :	726*246*255mm	
Gross Weight:	6.5Kg	

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/>