





Specification List

Product Photo	Model	DIY KIT 5W	
   	Real Laser Power:	5W	
	5W thickest cutting capacity:	Plywood: 5mm, MDF 3mm, Black Acrylic: 5mm	
	Safety Function :	Machine Offset Detection and Protection	
		Machine Tilt Detection and Protection	
		USB Connection Detection and Protection	
		Current and Voltage Detection and Protection	
		Emergency Stop Switch	
		Key Lock	
	Engraving Speed :	12000mm/min	
	Spot Size	0.04mmx0.09mm	
	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:	4.8mm from Shield Cover	
	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:	100-240~50/60Hz		
Power Adapter Output:	24V3A (6A MAX)		
Machine Power	72W		
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*146mm		
Package Size :	650mm*295mm*145mm		
Gross Weight:	5.27kg		

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/>