





### Specification List

Product Photo	Model	DIY KIT MK2 10W
    	<b>Real Laser Power:</b>	≥10000mW(10W) with Air Nozzle
	<b>Machine Power</b>	96W
	<b>10W thickest cutting capacity:</b>	Birch Plywood:6mm Basswood Plywood:10mm Eucalyptus plywood: 5mm MDF: 3-5mm Black Acrylic: 10mm Bamboo: 6mm
	<b>Safety Function :</b>	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
	<b>Engraving Speed :</b>	12000mm/min
	<b>Spot Size</b>	0.05mm*0.1mm
	<b>Engraving Area:</b>	400mm*435mm
	<b>Control Software:</b>	Laser GRBL (free), LightBurn (99usd/year), AlgoLaser Mobile APP, Touch Screen
	<b>Connection:</b>	WiFi-2.4 GHz, TF Card (32GB), USB
	<b>Laser Type:</b>	Diode
	<b>Wave Length:</b>	455±5nm
	<b>Focus:</b>	5mm from Shiled Cover
	<b>Input Format:</b>	jpg, svg, png, bmp, G code, CAD, AI, CDR, dwg, etc.
	<b>Lens Materials:</b>	Glass
	<b>Frame Materials</b>	Aluminum Alloy
	<b>Motherboard:</b>	DIYKIT_MK2_V4.3
	<b>Input Voltage:</b>	100-240~50/60Hz
	<b>Power Adapter Output:</b>	24V 4A (6A MAX)
	<b>Available Materials of Engraving</b>	Wood Board, Paperboard, Black Acrylic, Leather, Food, Stainless Steel, Power Coated Metal, etc.
	<b>Available Materials of Cutting</b>	Wood Board, Paperboard, Black Acrylic, Leather, Felt Cloth, Dark Color Plastic Sheet (Melt), etc.
	<b>Laser Module Lifetime :</b>	>10,000 Hrs
<b>Operating Temp:</b>	*-10°C-40°C*	
<b>Cetifications</b>	FCC/CE/ROSH/FDA/UL,IEC60825-1/IEC60825-4	
<b>Product size :</b>	668.5mm*601.5mm*178mm	
<b>Package Size :</b>	645mm*240mm*140mm	
<b>Gross Weight:</b>	4.80kg	

**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/>