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# **High Precision Laser Cutting Machine Products**

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## **All Products**

# Versatile 355nm PCB High Precision Laser Cutter For Depaneling

Handheld Fiber Laser Welding MachineMould Laser Welding MachineAutomatic Laser Welding MachineRobot Laser Welding MachineLaser Rust Removal MachineLaser Cleaning MachinePortable Laser Cleaning MachineLaser Paint CleanerHandheld Laser Cleaning MachineSheet Metal Fiber Laser Cutting MachineLaser Tube Cutting MachineHigh Precision Laser Cutting MachineFiber Laser Marking Machine

CO2 Laser Marking Machine

UV Laser Marking Machine

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		7
	13	
1	15	
	13	
		77
	10	



Place of Origin	China
Brand Name	Herolaser
Certification	CE, FDA
Model Number	ML-CT-A01-500W
Minimum Order Quantity	1 SET
Price	Negotiable
Price Packaging Details	Negotiable Wooden case package: 1700 ×1250 ×1750 mm/1500 KG
Packaging	Wooden case package: 1700 ×1250 ×1750
Packaging Details	Wooden case package: 1700 ×1250 ×1750 mm/1500 KG



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# **PRODUCT DETAILS**

Application Laser Cutting / Laser Marking Laser Wevelength 355nm

Electricity Demand 220V /50Hz/32A

Effective Cutting Range 450mm\*450mm

Christopher Rodriguez	Cutting Thickness	≤0.4mm	Cutting	g Speed	≤2m/s
We were always looking for the right technology to modify our industrial cleaning. In our search, we found	Line Width	0.02mm	Power	Consumption	≤3KW
Herolaser. The results and time to compl…	High Light	FDA 355nm high precision laser cutter, FDA PCB High Precision Laser Cutter, FDA 355nm pcb laser cutting machine			
Contact Person : Jack Zhang					
Phone Number : 0086 134 8082 6552	LEAVE A MES	SAGE			
WhatsApp : +008613480826552					
Contact Now	Name		* Email		Phone
	* Message				

# **PRODUCT DESCRIPTION**

Send Message

# PCB Laser Cutter High Precision Laser Cutting Machine for FPC, PCB, FR4 and Cover Film

#### Introduction of machine:

It is a laser system that is used for depaneling, separating, and singulating individual circuit boards from an array of many boards on one large panel. It is an alternative method with distinct advantages over other forms of PCB depaneling such as routers, dicing saws or die punches.

PCB laser cutting uses a high-powered beam to cut material based on computer software controlled parameters.

#### Advantages of PCB cutter:

No stress Mechanical methods are hard on the solder joints of a PCB. No Burrs A laser-cut boards edge is smooth and clean, there is no need for further downstream processing. No particles Lasers do not create the dust particles as generated by traditional mechanical cutting methods such as dicing saws and routers. Therefore, any downstream cleaning can be eliminated entirely from the production line.

This is especially important for PCBs with optical components such as camera lenses, but also helps to reduce failures of on-board sensors.

#### Versatility

Lasers are significantly more versatile than mechanical methods on both the application and material side. They are typically able to cut, drill, ablate metal, and skive a wide variety of PCB materials such as FR4, Rogers microwave substrates, Polyimide, fired ceramics, LTCC and so on.

#### Product parameters:

Item	Parameters
Laser wavelength	355nm
Effective cutting range	450mm*450mm
Cutting thickness	≤0.4mm
CCD automatic positioning accuracy	7µm
Cutting speed	≤2m/s
Workable positioning accuracy	≤0.02mm
Repeat positioning accuracy	≤±0.01mm
Electricity demand	AC220V±5%/50Hz
Power consumption	≤3kw
Galvanometer repeat accuracy	±3µm

#### Applied area and materials:

Suitable for FPC flexible circuit board, flexible circuit board sub-board processing, including contour cutting processing, grooving, opening, FR4/ battery film window, etc. widely

#### Samples for reference:

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E.E.	
711	

#### FAQ

How is the payment?
30% deposit before production and the balance 70% before shipment
How is the delivery and shipment?
Ship in 7 days after 100% payment;
Plywood box packaging
How will you guarantee aftersales services?
We offer two warranty for laser source, one year for whole machine and lifetime maintenance services.
Engineers available to service machinery overseas
Free technical training in our factory
Free sample can be sent to you
Professional technical team 24 hours online
How about your presales service?
Speeding offer within 8 hours quick response and free consulting.
Free sample cutting or testing is available
Progressing solution design to all clients, including distributors and end users.

 $\sum_{i=1}^{n-1}$ 

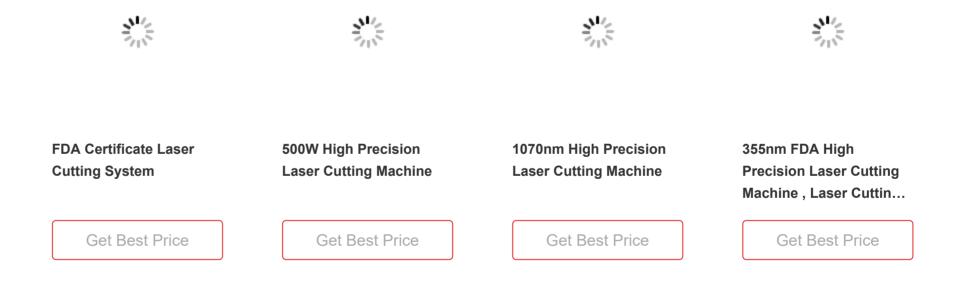
Tags:

2mm High Precision Laser Cutting Machine

1070nm High Precision Laser Cutting Machine

500W High Precision Laser Cutting Machine

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Handheld Fiber Laser Welding Mac
Mould Laser Welding Machine
Automatic Laser Welding Machine
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