



CCD Laser engraving and cutting machine PC-1610LC

Camera locating cutting machine gets the picture by high-resolution when working, search automatically and locates accurately, laser cutting and reaches intelligence, automation of follow-up production.

Adopting the combination of automatic camera locating system and laser head, with the assistance of computersoftware, label cutting machine can compensate automatically to pinpoint deformation of the fabric,it ensures the accuracy of cutting.The application of camera systems, marking laser technology, automation,technology, shortet cutting path of human-based software design, saves time and increases efficiency for user.

Feature:

1. Adopt the international advanced DSP control technology, it is the pioneer to fast continuously curving-cut and shortcut processing pathway optimizing function, accordingly increase greatly the decency.
2. It automatically equalizes the diminishing of light during the whole operating to ensure the same cutting effect ion different area.
3. High-speed cutting control software and buffer function in high-speed movement can improve production efficiency.
4. The up-to-date software provides the direct output of original pictures; completely fit the graph foams such as CAD, CAM of CAD, and CorelDraw software, to meet the practical design requirement of the end users.
5. The advanced colors and the toms of the cutting can realize the one-time output completely or partially.
6. It uses USB port to transmit data, equipped with large-capacity memory, improving working efficiency greatly.

Technical Parameter:

TYPE	PC-1610L
<u>Table Size (mm)</u>	<u>1600*1000</u>
<u>Laser Power</u>	<u>RECI 90W(W2)</u>
Laser Type	CO2 sealed laser tube, water-cooled, 10.6um
Cooling type	Water-cooled
Engraving Scanning Speed	0-6000mm/min
Max Moving Speed	30000mm/min
Cutting speed	0-1000mm/min
Laser Output Control	1-100%software setting
Smallest Character Engraving	Character2.0mm*2.0mm, English 1.0mm*1.0mm
Highest Scanning Precision	4000DPI
Locating Precision	0.01mm
Supported File Format	DAT,PLT,BMP,DXF,AI,etc.
Compatible Software	TAJIMA,CORELDRAW,PHOTOSHOP,AUTOCAD
Operating humidity	Temperature:0-45,Humidity:5%-95% (without condensed water)
Optional parts:	Up&down table,auto focus system,rotary device, ball scew transmission,water chiller.

Applicable Industries:



Advertising industry: Double-colored board engraving, Organic glass engraving and cutting,

Label engraving, Crystal cup engraving, Warranty signed engraving

- Carved gifts and crafts industry: Wood, Bamboo Ivory, Bone, Leather, Marble



Packing and printing industry: Rubbery board, Plastic board, Double-layered board, Model

cutting board



Leather clothing industry: Complex letters and pattern engraving, Cutting on hypoderm,

Synthetic leather, Man-made leather, Cloth

- Architectural model industry: ABS board cutting, Model cutting

- Production totem industry: Appliance signs, Anti-fake commodities making

Applicable Materials:



Wood, Bamboo, jade, marble, acrylic, crystal, leather, plastic, paper, rubber, ceramic, glass

and other non-metal materials.