Our separable style <u>laser engraving machines</u> is developed for heavy material , it brings great convenience to customers, the machine is designed by upper part lower part, and the two parts can be separated ,the upper part can be moved down from the machine ,and the lower part can configure suitable plateform according to customers' need ,the design changes the traditional engraving method, for some heavy materials

we can put the upper part onto them, so that avoiding the difficulty of moving heavy material,meanwhile, it solves the problem that platform has a limited changing is much easier to process.With red light positioning device accurately indicates the location of

the processing of the laser head, eliminate the trouble about manual positioning.

Feature:
1. Adopt the international advanced DSP control technology, it is the pioneer to fast continuously curvingcut 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 effection different area.

3. High-speed cutting control software and buffer function in high-speed movement can improve production efficiency.

4.Theup-todate 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-6040LS
Table Size （mm）	**600*400**
Laser Power	**RECI 90W(W2)**
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,

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.