

WHAT PRODUCTS CAN LASER ENGRAVING AND CUTTING MACHINES PROCESS?

Posted on 2023-04-13 by redsail



Category: [Laser Engraver News](#)



Can carve non-metallic materials such as bamboo and wood products, paper, leather, wool, cloth leather, acrylic, rubber plate, silicone board, PVC, PET, epoxy resin, ceramic tiles, marble, crystal, jade, etc. Application Field Advertising Decoration

Sculpture (cutting) of organic glass products

Laser production of medals and plaques

Laser engraving (cutting) of dual color plates

Engraving (cutting) of other non-metallic plates

Printing and packaging

Rubber plate laser engraving

Printing roller laser engraving

Laser cutting of paper products

Leather clothing

Leather and surface pattern carving

Clothing fabric pattern cutting

Model making

Model sheet cutting

Craft Gifts

Laser carving of bamboo slips

Laser engraving of woodblock books

Redwood laser carving

Double color plate laser engraving

Box shaped handicraft carving

Ceramic laser carving

Laser engraving processing is based on CNC technology, with laser as the processing medium. The physical denaturation of the processed material through instantaneous melting and gasification under laser irradiation, achieving the purpose of processing. Laser processing characteristics: There is no contact with the material surface, it is not affected by mechanical motion, the surface does not deform, and generally does not need to be fixed. Not affected by the elasticity and flexibility of the material, making it easy to handle soft materials. High machining accuracy, fast speed, and wide application fields. Common methods

1. It can be divided into several types: laser cutting, laser carving, laser marking, glass (crystal) inner carving, etc
2. The process is achieved through equipment such as laser engraving machines, laser marking machines, and laser cutting machines

Common materials

Processing of non-metallic materials (CO₂ laser): organic glass, wood, leather, fabric, plastic, printing rubber plate, dual color plate, glass, synthetic crystal, horn, cardboard, density board, marble, jade, etc