

APPLICATION OF LASER ENGRAVING MACHINE IN SHOE MATERIAL INDUSTRY

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REDSAIL M6090E LASER CUTTING MACHINE

Manufacturer of Co2 Laser Cutting Machine and CNC Laser Cutting Machine with Competitive Price

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Laser engraving machine is used to engrave various materials including plastic, bamboo, jade, leather, cloth, wool and other non-metallic materials. (The conventional CO₂ laser engraving machine cannot engrave metal materials including stainless steel, copper, aluminum, carbon steel, iron, aluminum alloy and various metal alloys). The laser engraving machine can improve the engraving efficiency and make the engraved surface smooth and round, which can quickly reduce the temperature of the engraved non-metallic material, reduce the deformation and internal stress of the engraved object; it can be widely used in the field of fine engraving of various non-metallic materials.

The laser engraving machine can improve the engraving efficiency, make the surface of the engraved place smooth and round, rapidly reduce the temperature of the engraved non-metallic material, and reduce the deformation and internal stress of the engraved object; it can be widely used for various non-metallic materials. The material is finely carved in the field. Therefore, it has gradually been widely used in the leather, textile and garment, and footwear industries. The main applications are laser engraving machine marking, laser engraving machine embroidery, laser engraving machine spraying.

First, laser engraving machine marking. Laser engraving machine marking is mainly used on leather fabrics. The advantage of laser engraving machine is that it can quickly engrave and hollow out various patterns on various leather fabrics, and it is flexible in operation without causing any deformation on the leather surface. Reflect the color and texture of the leather itself. Therefore, it is very popular among processing manufacturers of shoe materials, vamps, luggage, leather goods, handbags, and leather clothing.

Second, laser engraving machine embroidery. The traditional textile fabric production process requires post-processing such as grinding, embossing, etc., while laser engraving machine embossing has the advantages of convenient and fast production, flexible pattern transformation, clear image, strong three-dimensional effect, and can fully express the natural color and texture of various fabrics, as well as the advantages of lasting and always new. Therefore, laser engraving machine embroidery is mainly suitable for enterprises: fabric deep processing factories, textile fabric finishing processing factories, garment factories, surface accessories and incoming material processing enterprises.

Third, the laser engraving machine is sprayed. Through the laser irradiation of laser engraving machine numerical control, the dye on the surface of denim fabric is vaporized, so as to produce non-fading image patterns, gradient flower shapes, cat whisker frosting and other effects on various

denim fabrics. As a new product, laser engraving machine denim printing processing has huge processing profits and market space. Therefore, it is very suitable for denim garment factories, washing factories, processing enterprises and individuals to carry out value-added deep processing of denim series products.

At present, laser engraving machine is the most mature and widely used technology in the field of laser processing. It is believed that the application range of laser engraving machines will go further.

More than two-thirds of the textile and apparel fabrics on the market can use laser engraving machines to engrave/cut (hollow out) various patterns. The traditional textile fabric production process requires post-processing such as grinding, embossing, embossing, etc., while the laser engraving machine has the advantages of convenient and fast production, flexible pattern transformation, clear image, strong three-dimensional effect, and can fully express various The natural color texture of this kind of fabric, as well as the advantages of long-lasting and new. If combined with the hollowing out process, it will be the finishing touch and complement each other.