

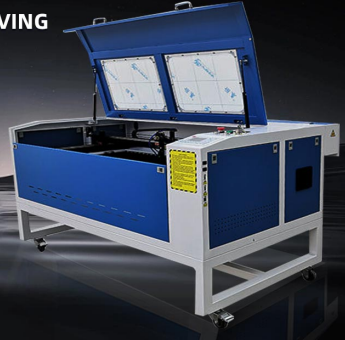
LASER ENGRAVING MACHINE TECHNOLOGY IS WIDELY USED IN TEXTILE, GARMENT AND LEATHER INDUSTRIES

Posted on 2023-08-11 by redsail

REDSAIL X900C LASER ENGRAVING / CUTTING MACHINE

20+ years of production experience,
And has a variety of certifications

[VIEW MORE](#)



Category: [Laser Engraver News](#)



As a brand-new processing method, [laser engraving machine](#) processing has gradually been widely used in the leather, textile and garment industries due to its advantages of precise processing, fast processing, simple operation and high degree of automation.

Garment laser engraving machine embroidery

More than two-thirds of textile and apparel fabrics can use laser engraving machines to make various digital patterns. The traditional textile fabric production process requires post-processing such as grinding, embossing, 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. If combined with the hollowing out process, it will be the finishing touch and complement each other. Apparel fabric and garment laser embroidery are suitable for: textile fabric finishing processing factories, fabric deep processing factories, garment factories, surface accessories and incoming material processing enterprises.

Cowboy image laser spray

Through the laser irradiation of the laser engraving machine numerical control, the dye on the surface of the denim fabric is vaporized, so that image patterns, gradient flower shapes, cat whiskers and other effects that will not fade can be produced on various denim fabrics, adding new beauty to the denim fashion. point. Laser engraving machine denim printing processing is an emerging processing project with huge processing profits and market space. 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.

Leather fabric laser engraving machine logo

Laser engraving machine technology is currently widely used in shoemaking and leather industries. The advantage of the 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 to reflect the color and texture of the leather itself. It also has many advantages such as high engraving precision, hollowing without burrs, and arbitrary shape selection. It is suitable

for the needs of processing manufacturers such as shoe uppers, shoe materials, leather goods, handbags, luggage, and leather clothing.

Laser engraving machine refers to the operation mode of connecting laser equipment to laser engraving software and inputting artwork for automatic engraving. At present, laser engraving machine is the most mature and widely used technology in the field of laser processing. Using this technology, any complex graphics can be engraved. Hollow engraving and impenetrable blind groove engraving can be carried out, so as to engrave various magical patterns with different shades, different textures, layering and transitional color effects. With these advantages, laser engraving caters to the new trend of international garment processing.

Although laser engraving machine processing is also a thermal processing method, due to the high focus of the laser, the irradiation spot is slender, and the thermal diffusion area is small, so it is very suitable for cutting textile fiber fabrics. The specific performance is in a wide range of processed fabrics, smooth incision without flash, automatic closing, no deformation, graphics can be designed and output by computer at will, no need for cutting dies, etc. This makes laser processing a recognized alternative in the industry