

# HOW TO CHOOSE A LASER CUTTING MACHINE?

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## REDSAIL CM1610 AUTO FEEDING LASER CUTTER

Redsail Laser Cutter / Engraving Machine  
1610 for Cutting Soft Materials

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Laser cutting machine is currently gradually replacing traditional processing equipment. It has the characteristics of high precision, fast cutting, not limited to cutting pattern restrictions, automatic typesetting to save materials, smooth incision, and low processing cost. It is different from traditional flame and punching machines. Compared with the huge advantage. When the laser cutting machine is working, the mechanical part of the laser cutter head has no contact with the workpiece, and will not scratch the surface of the workpiece during work; the laser cutting speed is fast, the incision is smooth and flat, and generally no subsequent processing is required; the cutting heat has little impact and the plate is deformed Small, narrow slit, positioning accuracy and repeat positioning accuracy can reach 0.03mm.

At present, the application direction of laser cutting equipment in the market is divided into two types: metal and non-metal: Metal laser cutting machine is used for decoration, advertising, lamps, kitchen utensils, thin sheet metal parts, electrical cabinets, elevator panels, engineering boards, high and low switch cabinets, processing materials and steel structures, car manufacturing and other large-scale equipment manufacturing. Generally, it ranges from 1-30mm, and a laser cutting machine with a laser cutting machine power of 1000W-20000W can cut; Non-metal laser cutting machine is to cut plastic (polymer), rubber, wood, paper products, leather and natural or synthetic organic materials. It is best to use a CO<sub>2</sub> laser cutting machine for cutting. Therefore, when choosing a laser cutting machine, you must first distinguish the model and type of metal and non-metal, and then choose according to the type and thickness of the specific cutting material.