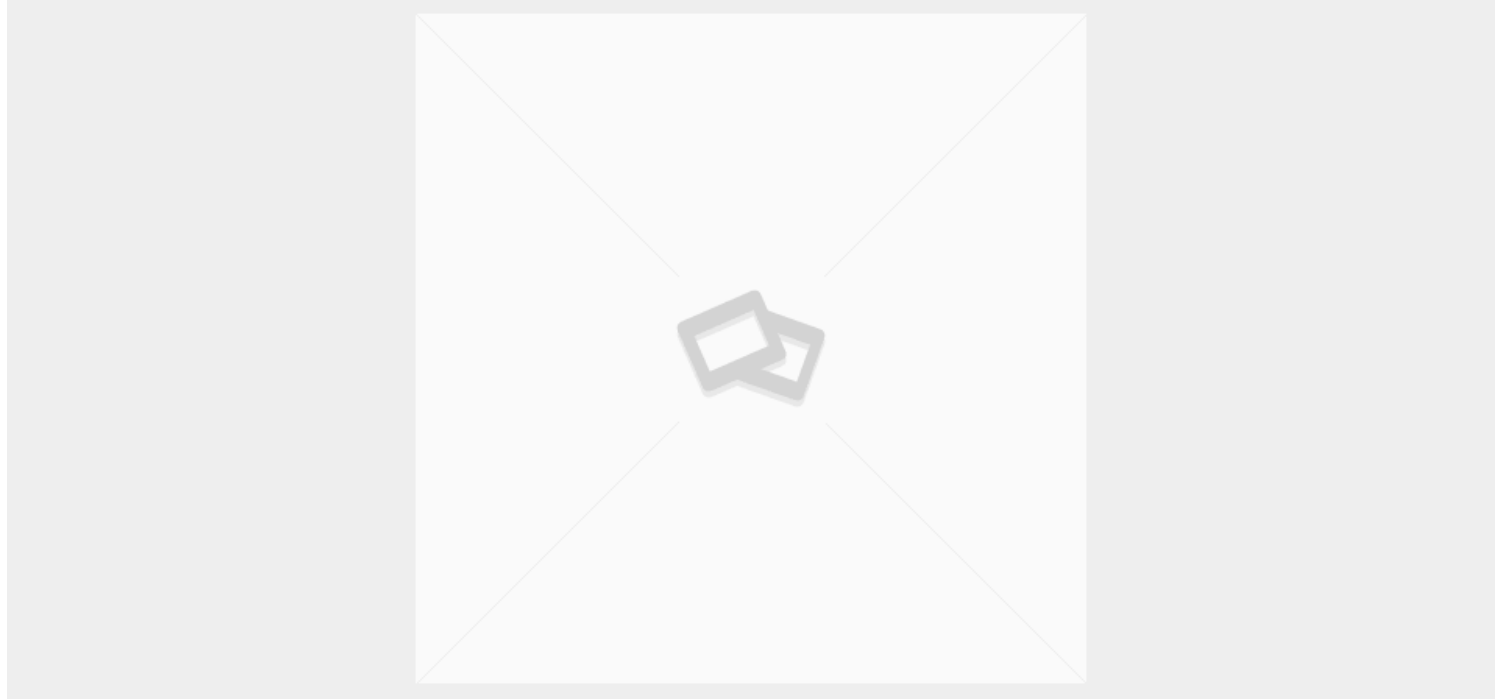


WHAT ARE THE ADVANTAGES OF LASER CUTTING MACHINES?

Posted on 2023-05-30 by redsail



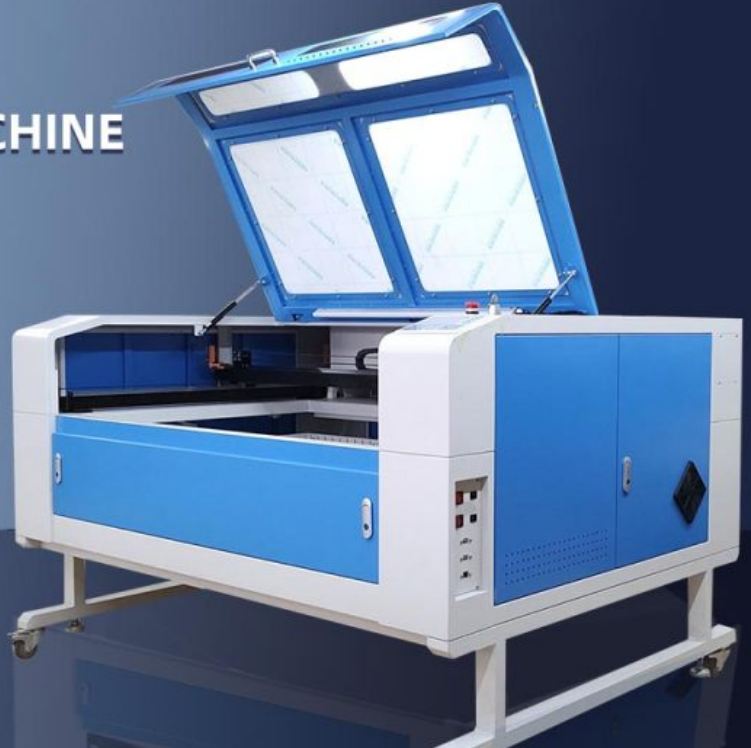
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REDSAIL CM1390E LASER ENGRAVING/CUTTING MACHINE

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laser cutting machine

1. The laser cutting machine utilizes the characteristics of non-contact laser processing, without damaging the workpiece, cutting products without extrusion deformation, processing product quality is good, there are no burrs, no manual polishing, saving unnecessary processing technology, and optimizing worker labor intensity.

2. Save mold investment and reduce production costs

Laser cutting machines can directly produce various hardware workpieces without mold consumption or mold maintenance and replacement, which can save a lot of mold usage, processing costs, and reduce production costs. They are particularly suitable for large-scale product processing.

3. High precision and effective improvement in productivity

As an alternative process for shearing and flushing, laser cutting technology has the characteristics

of accuracy, flexibility, and efficiency. It can effectively process various complex components. As long as the cutting pattern is entered into the control system, the cutting size can be set, helping to directly shorten the product processing and manufacturing cycle and effectively improve labor productivity.

4. Fast cutting speed and optimized working environment

The laser cutting machine has fast cutting speed, stable equipment, low noise, no dust, and will not produce harmful chemicals to the human body and environment. It is also an intimate protection for operators, ensuring the cleanliness of the production site, reducing investment in the later stage, reducing pollution, and helping hardware enterprises promote the optimization of the working environment, in line with the trend of environmental protection.

5. Low maintenance costs and high cost-effectiveness in the later stage

The maintenance of mechanical products is very expensive. Laser cutting machines have stable performance, are sturdy and durable, can work continuously, and are not easily damaged. They have great advantages in terms of maintenance costs in the later stage.