

## Seven advantages of the sculpfun Laser Engraver

In recent years, Sculpfun laser engraver has become more and more widely used in various fields. Compared with traditional engraving techniques, laser engraving has many advantages such as low cost, high flexibility, and computer system control.

<https://www.htpow.net/sculpfun-s10-10w-laser-engraver-with-high-speed-air-assist-nozzle>

At present, in the laser engraving industry, laser engravers have occupied more than 90% of the market.laser engraver, because it has the following seven advantages:

<https://www.htpow.net/90w-sculpfun-s9-laser-engraver-cnc-laser-cutting-engraving-machine>

### 1. Long service life and wide applicability:

Laser engraving will not fade due to environmental relations (touch, acid and reducing gases, high temperature, low temperature, etc.), and uses laser as a processing method, which can be used for a variety of metal and non-metal materials (aluminum, copper, iron, wood products, etc.) ) processing.

<https://www.htpow.net/laser-engraving-machine>

### 2. Anti-counterfeiting:

The marks engraved by the Sculpfun S10 laser engraving machine are not easy to imitate and change, and have strong anti-counterfeiting performance to a certain extent.

<https://www.htpow.net/sculpfun>

### 3. Non-contact:

Laser engraving adopts non-mechanical "light knife" processing, which can be marked on any regular or irregular surface. After engraving, the workpiece will not generate internal stress, which ensures the original accuracy of the workpiece. No corrosion, no wear, no pollution to the working surface.

### 4. High engraving precision:

The objects engraved by Sculpfun S9 laser engraving machine have fine patterns, and the minimum line width can reach 0.08mm. Clear marking, durable and beautiful. Laser marking can meet the needs of printing large amounts of data on extremely small plastic parts. For example, two-dimensional barcodes that require higher precision and clarity can be printed, which is more competitive in the market compared with embossing or jet printing.

### 5. Low operating cost:

Fast engraving speed, one-time molding, low energy consumption and low operating cost. The equipment investment of a laser engraving machine is smaller than that of traditional marking equipment, and in terms of operating costs, using a laser engraving machine is much lower.

### 6. High processing efficiency:

The computer-controlled laser beam can move at high speed (up to 5-7 m/s), and the engraving process can be completed in

seconds.

#### 7. Fast development speed:

Due to the combination of laser technology and computer technology, users can realize laser printing output as long as they program on the computer, and can change the printing design at any time, which fundamentally replaces the traditional mold making process and provides a shortened product upgrade cycle and flexible production. . A handy tool.

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