

Efficient CO2 Laser Printer CO2-30F/50F Smart Coding Machine

Specifications:

| Price | Contact us | |
|--------------------|--|--|
| Brand Name | Hanyi | |
| Place of Origin | China | |
| Min.Order Quantity | 1 | |
| Payment Terms | T/T | |
| Supply Ability | 1000 | |
| Delivery Detail | 5 days - 20 days | |
| Packaging Details | Standard export wooden case or carton box. | |

Detail Introduction:

1. Equipment overview

Model characteristics?

Adopt metal RF tube CO2 laser.

High-speed scanning galvanometer, stable light.

Clear markings, not easy to wear.

The marked graphics are clear and beautiful, with stable performance.

High cost performance, no consumables, can work continuously, and available to be installed in an assembly line.

The system can automatically code, automatically print the serial number, batch number, date, etc.

The laser galvanometer has high scanning precision, high speed and stable performance.

High marking accuracy, fast speed, and arbitrary control of the depth of engraving.

The software control system uses WINDOWS as the operating platform, with a full Chinese interface, compatible with AUTOCAD, CORELDRAW, PHOTOSHOP and other file output.

Scope of application:

Mainly used in non-metallic materials, widely used in clothing, leather, craft gifts, wood and bamboo products, advertising decoration, instrument electronics, daily necessities, model making, food packaging, electronic components, auto parts, pharmaceutical packaging, packaging, etc.

Applicable materials:

Polyvinyl chloride PVC (pipe material, wire insulation layer, seal), ABS material (electric appliance shell, daily necessities), acrylic PMMA (transparent material, instrument case), bulletproof plastic PC (transparent product with high impact resistance), no Saturated polyester AK (paints, decorations, plates, buttons), polyurethane PU (shoe soles, artificial leather, paint), epoxy resin EP (encapsulation of electronic components, insulation layer), glass surfaces, etc.

2. Main components configuration

| Subsystem | Part Name | Origin/Model |
|-------------|-----------|--------------|
| Jupavalelli | Fall Name | Origin/woder |



| | CO ₂ laser | Imported brand Synrad or COHERENT / Domestic brand DAVI, CRD |
|----------------|----------------------------------|--|
| Laser part | Field lens | Singapore 100*100mm-175*175mm (Optional) |
| | Beam expander | Singapore *4x |
| | Galvanometer | JHC High-speed digital ±15V |
| | Galvo board | JHC brand |
| Control System | Computer | Desktop |
| | USB special marking control card | Beijing JCZ brand |

3. Technical parameters

| Project | CO ₂ -30F/50F |
|--|---|
| Laser wavelength | 10640nm |
| Average power | 30W/50W |
| Pulse frequency (repetition frequency) | 1-25KHz |
| Mark range | 100*100mm-175*175mm (Optional) |
| Mark line width | 0.05-0.15mm |
| Scribe depth at a time | 0.3mm (Depending on the material and marking scope) |
| Marking speed | ?18000mm/s |
| Minimum character | 0.15mm |
| Repeat accuracy | ±0.003 |
| Cooling method | Air-cooled |
| Power requirements | AC /220V/50Hz/10A |
| Machine Power | 1000W/ 1200W |

Shanghai Hanyi Engineering Equipment Company is one of the most experienced manufacturers of Laser marking machines in China.