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

Laser part	CO_2 laser	Imported brand Synrad or COHERENT / Domestic brand DAVI, CRD
	Field lens	Singapore 100*100mm-175*175mm (Optional)
	Beam expander	Singapore *4x
	Galvanometer	JHC High-speed digital ±15V
Control System	Galvo board	JHC brand
	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.