

# **SYSTEM DESCRIPTION**

## **STM-CO2-H30 LASER MARKING MACHINE**

Edition: ST171103

## 1. SYSTEM IMAGE



## 2. SYSTEM DESCRIPTION

STM-CO2-H30 laser marking machine is one of the leading products in the market. It has the advantages of advanced function, compact size and great performance. The machine uses imported US laser generator and high-speed fine servo-motor (Galvanometer) combining the powerful JCZ control software. It is a high technology product integrating laser technology, fine mechanics, electronics technology and computer science, and widely applied in the industry of electronics, computer, clock and gift etc.

### 3. TECHNICAL SPECIFICATIONS

ITEM	SPECIFICATION
Laser power	30W
Wavelength	1064nm
Working duration pre day	>22hrs
Beam quality	< 5
Laser repetition frequency	1-20KHz
Marking size	100mm×100mm (optional)
Marking Speed	≤8000mm/s
Minimum line width	0.1mm
Minimum character	0.6mm
Gross power	≤1000W
Power Supply	AC220V±10%/ 50/60Hz /30A
Cooling way	Air cooling
Temperature	10°C to 35°C
Humidity	5% to 75%( No condensed water)
Net weight	70KG
Dimension	1450mm×820mm×630mm

### 4. FEATURE

All in one structure with manual focusing system and user-friendly operation.

- The operation of CO2 laser marking machine is as easy as that of fiber laser marking machine. It takes only few steps to start the system.
- Able to mark any text, picture, serial number, bar code, QR code, logo, etc.
- Maintenance free, no consumable parts, less electricity consumption and environmental friendly with lower cost.
- Fast marking speed, 2-3 times faster than the traditional marking machine.
- Multi-documents supported: PLT, PCX, DXF, BMP, SHX or TTF which can be directly imported; the auto coding for sequence No., batch number, date, barcode is available.

## 5. APPLICATION AREA

### Applicable Materials

Suitable for all kinds of non-metal materials.

### Applicable Industry

H30 laser making system can manage non-metal marking, and is widely used in craftwork, gift, methyl methacrylate, clothing, leather, wood, paper, food package, electric component, PCB, soft circuit board, ceramics basal piece, semiconductor, crystal glass, plastic linker, silicon rubber keystroke, SMD component, etc.

## 6. SAMPLE



## Suntec Laser Technology Co., Ltd.

Suntec Laser Technology Co., Ltd. is located in the China Silicon Valley — Shenzhen. With a powerful R&D team and dedicated sales personnel, we are committed to provide solutions of global industrial laser processing. Suntec has a wide range of laser & photonics products, including but not limited to laser marking machine series, laser welding machine series, laser cutting machine series, optical components and relevant accessories of laser spare parts. We also provide OEM customized service for customers. Our main products involved in electronic circuits, integrated circuits, instrumentation, computer manufacturing, mobile communications, auto parts, precision machinery, building materials, clothing apparel, city lights, gold and silver jewelry, crafts gifts, and other industries.

Based on Shenzhen Suntec headquarter, our own Brazil subsidiary Suntec Laser Tecnologia LTDA and Suntec International (HK) Co., Limited are also providing laser solutions for local customers.

Suntec has been working with famous companies like Flextronics, Foxconn, WEG, Salcomp, ADATA, etc. Our rich experience in laser industry will help every future customer find the most efficient way to finish the projects.

Address: 4F, 7 Building, Internet Industrial Park (A Zone), Baoyuan Rd., Bao'an District, Shenzhen, P.R. China

Tel: +86-755-23572117

Email: [info@sunteclaser.com](mailto:info@sunteclaser.com)

Website: [www.sunteclaser.com](http://www.sunteclaser.com)