ON-THE-FLY FIBER LASER CODER

INTRODUCTION

Fiber laser coding machine is suitable for laser coding of text, numbers, graphics, QR codes and other contents onto hard plastic boxes, metals and other materials. The laser coding machine can be used together with packaging machines or be integrated into assembly lines, without any consumables.

It supports both static coding and on-the-fly marking. The flying CO_2 laser coding machine is usually used to print date codes, batch numbers, serial numbers, etc.

FEATURES

1. 8-inch touch screen controller, touch-sensitive, easy to operate.
2. Supports sensor trigger mode (sensor head) and external I/O trigger mode (other device signals).
3. Built-in red light indicator preview component to preview and display the coding content.
4. Floor-standing mobile bracket supports front and rear adjustment (coding position adjustment) and up and down adjustment (working distance adjustment)

TECHNICAL SPECIFICATIONS

Laser Power	30W
Laser Wavelength	1064nm
Marking Speed	< 6000mm/s
Marking Area	70mm×70mm-300mm×300mm
Touch screen size	8 inches
Code Type	texts, digits, batch number, lot number, bar code, QR code, graphics etc
Communication	USB
Cooling Method	Air cooled
Electrical Requirements	110V/220V 50Hz
Power consumption	400W
Size And Weight	
Laser Unit	426mm×102mm×110.5mm
Control Unit	527mm×200mm×352mm
Bracket	656mm×550mm×1455.8mm

FIELD LENS PARAMETER

Lens Model	Marking Area(mm*mm)	Work Distance(mm)
1064-100-70	70mm×70mm	115mm
1064-130-90	90mm×90mm	135mm
1064-163-110-10L	110mm×110mm	165mm
1064-210-150-10L	150mm×150mm	215mm
1064-254-175-10L	175mm×175mm	255mm
1064-290-200-10L	200mm×200mm	280mm
1064-330-220-10L	220mm×220mm	322mm
1064-380-250	250mm×250mm	380mm
1064-420-300-10L	300mm×300mm	400mm

Notes: Special requirements for work distance and marking area can be customized.

APPLICATIONS AND SAMPLES

Applicable to metallic materials, such as gold, silver,copper,titanium, steel, also applicable to some non-metallic materials such as ABS, Nylon,PES, PVC, PC.