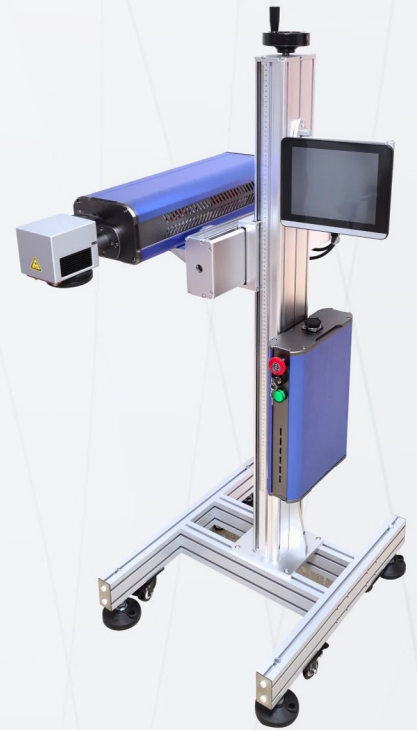# ON-THE-FLY CO2 LASER CODER

INTRODUCTION

The CO2 laser coding machine is suitable for laser coding of text, numbers, graphics, date codes, QR codes and other contents onto corrugated paper, flexible film, foil, labels, glass, plastic, PET, rubber, wood 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 static coding and on-the-fly marking. The flying CO2 Laser coding machine is usually used to print date of production, 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	35W
Laser Wavelength	10600nm
Marking Speed	< 6000mm/s
Marking Area	70mm×70mm-300mm×300mm
Touch screen size	8 inches
Code Type	texts, digits, lot number, date codes, bar codes, QR codes, graphics etc
Communication	TCP/IP、RS232、Modbus-RTU / TCP
Cooling Method	Air cooled
Electrical Requirements	110V/220V 50Hz
Power consumption	750W
Size And Weight	
Laser Unit	650mm×160mm×150mm
Control Unit	345mm×160mm×260mm
Bracket	656mm×550mm×1455.8mm

FIELD LENS PARAMETER

Lens Model	Marking Area(mm*mm)	Work Distance(mm)
10.6-100-70	70mm×70mm	85mm
10.6-130-90	90mm×90mm	122mm
10.6-150-110	110mm×110mm	142mm
10.6-200-140	140mm×140mm	192mm
10.6-250-175	175mm×175mm	242mm
10.6-300-210	210mm×210mm	298mm
10.6-350-250	250mm×250mm	344mm
10.6-420-300	300mm×300mm	415mm

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

APPLICATIONS AND SAMPLES

Applicable to non-metallic materials such as ABS, PVC, Acrylic, glasses, wood, paper,leather, jade, plastic bags, packaging cartons.