



FOMON C Series Co2 laser marking system

The FOMON C series laser marking system is an easy to use, flexible and economical high speed Co2 laser marking system.

The FOMON C150/C300 coding system is cost-effective, low maintenance and low operating cost. It is suitable for provide permanent high quality coding solutions for industries of food, beverages, pharmaceuticals, cosmetics, automobiles, electronic equipment and extrusion molding, etc.

High speed, high quality marking effect

Marking speed can reach 1000 characters/s
Suitable for both flying marking and static marking

Various types of marking information

Multiple text lines, different types of barcodes, graphics, unlimited font types, etc

Easy operation and maintenance

With new SEQ system and smart PAD II, which make it more intelligent and easy to use.

With the fan cooling system, which can maintain the life time of the laser source. The average failure-free lifetime of the co2 laser is 30000 hours

Easy to integrate

Compact and independent design, which can be easily integrated into the production line in different angle and height.



Beverages



Cables



Food



Pharmaceuticals

SPECIFICATION

Model	C150	C300
CO2 Laser	CO2 laser marking machine, wavelength =10.6um (10.2um , 9.3um optional)	
Power Supply	15W	30W
Marking speed(character/s)	700 *	1000 *
Linear speed	100m/min*	200m/min*
Marking lines	Unlimited	
Character height	0.8mm-within marking area	
Font type	26 types of fonts, support muti-language and user-defined fonts	
Barcode	1D barcode, 2D barcode	
Graphic format	BMP/DXF/HPGL/JPEG	
Text type	Point, line, arc. Rectangle, polygon, ellipse, circle	
Variate	Serial number, text, date, time, counter, shift code	
Marking area	50*50mm , 70*70mm , 110*110mm , 140*140 mm , 175*175mm , 210*210mm	
Focus distance	75mm , 100mm , 150mm , 200mm , 250mm , 300mm	
Interface	10.1'touch screen, QWERTY or AZERTY virtual keyboard, shortcut icon-guided operation, help-online,Multi-language support, support Ethernet remote PC operation and networking	
Cabinet material	Stainless steel+anodized aluminum	
Input and output		
Product detection input	NPN/PNP/24V-detector	
Production speed detection	Shaft encoder or synchronized signal	
Signal input	Start up, stop, interlocking	
Signal output	Operation status indication , smoke extraction purifier control , cooling device control , remote control	
Communication port	RS-232 , Ethernet (10/100 Mbit) ,USB port	
Power supply	90-264V AC , 47-63Hz , 800W	
Cooling system	Air cooling	
Operating temperature	5 - 40°C , 10% - 90%RH , non condensation	
Protective grade	IP55, optional IP65	
Optional	Infrared beam positioning, infrared beam focusing, network and remote control software(TCP/IP), USB backup storage suite, support set, smoke extraction purifier	

* The marking speed and linear speed of production line depends on the marking material and text



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