

CO2 ON THE FLY MARKING

Laser marking on the fly offers several advantages to manufacturers. Beside the simple reduction in costs and labor using traditional printing methods, on the fly lasing allows for significant improvements in ROI over other forms of laser marking. With no part loading, manually or robotically, parts are rapidly fed across the laser field through to the next part of the manufacturing process.

Vision systems can even allow parts to arrive in the laser field in different orientations. The optics identify the variation to the laser which orients for each part's alignment. This can be done at very high speeds, possibly meaning less time spent getting your parts to face a certain direction.

Dapeng Lasers' engineers have years of experience developing part delivery systems that ensure a combination of high speed and precision lasing.

This Machine is based on "Mark on the Fly" principle and is best for packaging applications on the production line.

Laser Fly marking series is the Hi-tech products especially designed for online Inkjet on product package for different industries at very high marking speed. It is widely applied in tobacco, food ,medicine, dairy product, drinks, mineral water bottle, alcohol, daily articles, electronic ,wires, architecture materials and other industries .It can mark on PVC, PET, rubber ,paper ,glass ,metals and other materials with high accuracy, highly visible, permanent and accurate marking effect. Laser fly marking can mark unique product series number, Barcode on product and it cannot be altered or remove. The copy-right proof function can prevent imitated or copied product in the circulating and selling processes. No consumable materials are used in this Application. It is safe and environment protected with new cooling Technology and controlling devices are all set in main control box.

We recommend the right machine model as per the application and solution for the customer according to the function and Characters of fly marking machine. Fly marking machine can be directly deployed with customer assembly line and if necessary, assembly line and worktable can also be customized.

Application Industry

- Soft-Drinks Packaging Industry.
- Food Packaging Industry.
- Alcohol Packaging Industry.
- Medicine Packaging Industry.
- Tobacco Packaging Industry.

Advantages of Fly Marking

- Advanced processing mode, a high degree of precision
- Easy product identification.
- Environmental friendly.
- Low cost, fully automatic, Easy operation.
- Permanent & Long Lasting.

DP-OTF CO2 ON THE FLY MARKING SYSTEMS

DP-OTF laser marking machine (Marking On The Fly), adopts American imported CO2 laser source, high-speed galvanometer scanning system, Japan electro-optical sensors, and professional On The Fly marking control software, can increase production speed, reduce bad pieces, improve line safety, and eliminate down time.

SPECIFICATIONS:

Model	DP-C10-OTF	DP-C30-OTF	DP-C50-OTF
Laser Power	10W	30W	50W
Laser wavelength	10640nm	10640nm	10640nm
Highest feeding speed	300m/min	300m/min	300m/min
Marking	Can mark on stationary or moving parts		
Software	automatic encoding, variable text, date, serial number, lot number, bar code and two-dimensional code printing, and can be modified according to customers ' different needs of production line flexibly.		
Adjustable lift range	0~1000mm or custom design		
Power consumption	≤600W	≤800W	≤2KW
Power supply requirement	220v/50HZ	220v/50HZ	220v/50HZ

IMAGE:

