

FIBER LASER 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.

DP-OTF ON THE FLY MARKING SYSTEMS

DP-OTF laser marking machine (Marking On The Fly), adopts imported top quality or China top brand fiber 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-F10-OTF	DP-F20-OTF	DP-F30-OTF
Laser Power	10W	20W	30W
Laser wavelength	1064nm	1064nm	1064nm
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

APPLICATIONS:

We offer On The Fly Laser Marking Machine with following applications:

- Laser marking of metal & non-metal material and products: Stainless steel, gold, silver, copper, aluminium alloy, hardware, tools, acrylic, ceramics, plastics, organics, thermo-elastomer rubbers, paper and others
- Hall marking on Gold
- Automotive & Engineering Industries
- Electronic industry: Capacitor, inductor, PCB, IC, connector, control panel and other instruments
- Others: Cosmetics, food package, bottle, gift, advertisement & sign crafts, craft & gift making

IMAGES:



