

Fiber Laser Marking systems YLP-20

Dapeng Laser's marking machine is manufactured from a modular aluminum structural framing system. The high-strength aluminum profiles provide the stability of an optical instrument with the rigidity and durability of a machine tool.

The JPT series Fiber Laser Marking Machine adopts superior quality fiber laser and high precision digital scan head to enable stable output and high quality laser mode. Fiber laser marking machine can meet the demand of mass production with fast marking speed, good marking effect and high efficiency.

Advantages:

- Cost saving on power consumption/Unit Power only 0.6KW
- No routine maintenance/ zero-maintenance
- Life time over 100,000hrs
- Air cooled/No chiller needed
- Red aiming pointer/No more mistakes
- Solid aluminum top work surface & Swing arm laptop stand
- Portable tabletop units to automated production systems available

Features:

Easy to Use Automation Features	Sharp, High Contrast, Impact Free	High Speed Galvo Steering
Compact	100,000 Hrs Laser Lifetime	1 Years Warranty
Turnkey System	Permanant Marking	Air Cooled/Energy Efficient
Tunable Pulse Rate	Environmentally Friendly/No Consumable	Digital I/O for Easy Operation
Fast Set-Up	Red Laser Pointer	

Specifications:

Model	YLP-20
Laser Power:	20W
Wavelenth:	1064nm
Marking Area:	110*110mm, 150*150mm or 180*180mm
Marking Speed:	≤7000mm/s
Minimum Line Width	0.02mm
Minimum letter	English: 0.2 x 0.2mm
Marking Depth	0 ~0.5mm
Location precision	≤0.01mm

Resetting positioning accuracy	0.002
Beam Quality	M2:1.2-1.8
Electrical Requirements:	Ac220V±10%.50HZ.10Amp
Cooling mode	Air cooled
Scan Head	High Precision Digital Scan Head
Unit Power	<0.6kw
Operational Temp Range	10-40 ° C
Operational Humidity Range	5%-75%, Non-condensing
Warranty:	1 year
Dimensions:	550*550*650MM or 880*650*1450mm
Net Weight	40KG or 130KG

Software:

True Type Fonts	Single Stroke Fonts	Elliptical Text
Sequential Serial Numbers	Customizable Auto Dating	Barcodes
QR Codes and Data Matrix	UID Wizard	Logos
Photo Quality Images - JPG, TIF, GIF	Corel Draw, Adobe Illustrator	Raster Graphics
Vector Graphics	CAD Files	

Applications:

We offer Fiber 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

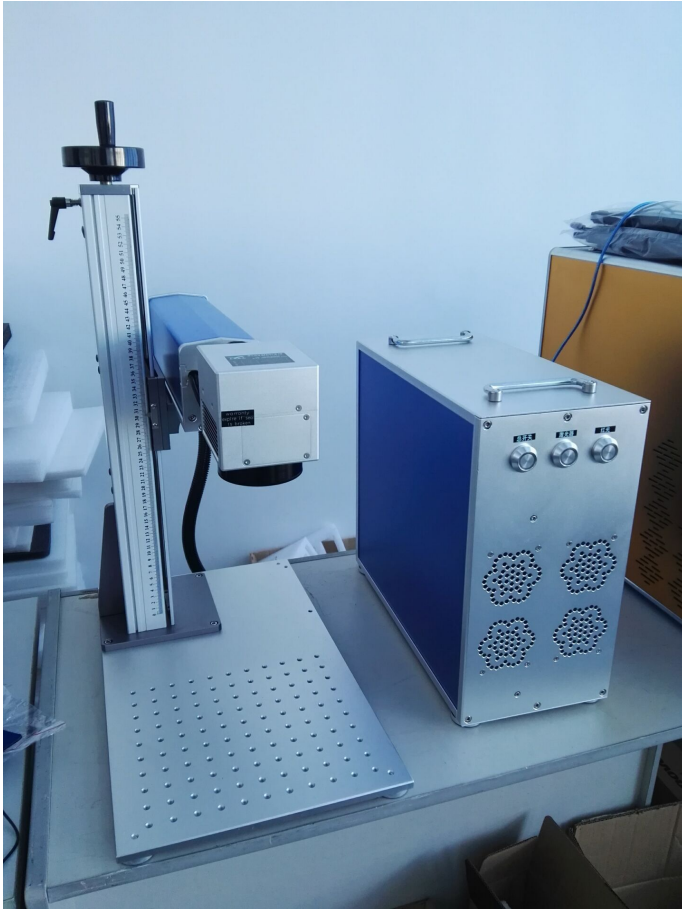
Others: Cosmetics, food package, bottle, gift, advertisement & sign crafts, craft & gift making

We also provides laser sources and spare parts to the laser machine manufacturers in China and surrounding countries.

MATERIALS:

Stainless Steel	Steel	Aluminum, Carbide
Nickel	Titanium	Cast Iron
Chrome	Painted Metal Alloys	Multi-Coated Metals
Plastics/Rubber	Backlit Buttons	Polycarbonate
PVC	Composites	Many more materials

Images:



DETAILS



Marking Examples:

MARKING SAMPLES



Metal gear



Anodized aluminum



Aluminum black marking



Metal parts



Pigeon rings



Metal black marking



Plastic parts



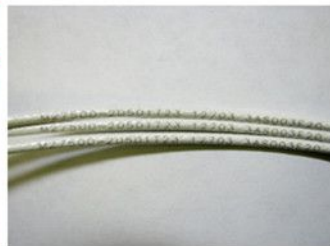
Plastic parts



Plastic parts



PCB marking



Wire marking



Melamine dishes