

Sample Gallery


Black & White & QR Code Marking
304# S.S. / Steel
Buckle & Portable Can & Other Parts

Depth Marking
Copper / Brass / Raw Aluminum / S.S.
Watch Dial & Mould

White Marking
316# S.S. / Painted Chrome Steel
Watch Housing / Dial Plate

Black & White Marking
304# S.S.
Medical Tools & Tableware




Cutting/Marking

Gold & Silver

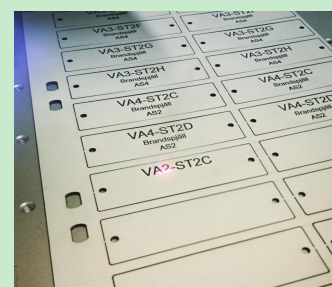
Jewelry



White Marking

Painted S.S. & Plated S.S. & Tinplate & Brass

Nut & Tin & Dial & Knife



Black and Depth & Photo Marking

304# S.S. & Plated S.S.

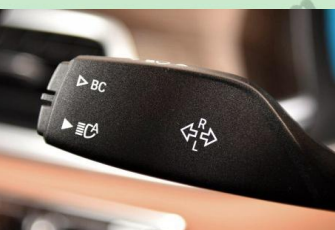
S.S. Lable for Gold Mine & Zippo Lighter /Bullet



Black & White Marking

Plastic & S.S.

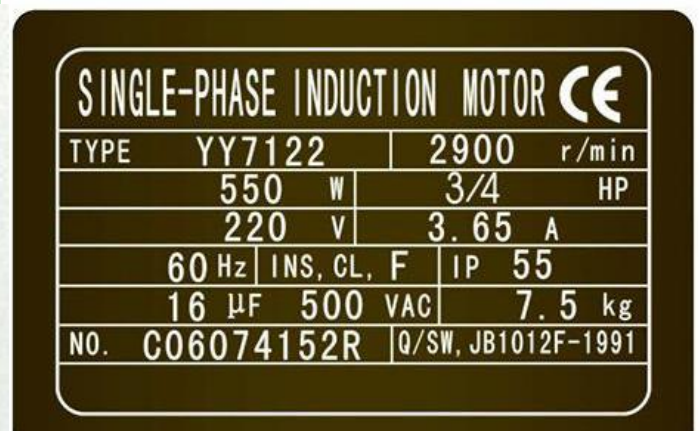
Animal Eartag & Tool & Nameplate



White & Transparent Marking

Painted Plastic - ABS / Painted Glass

Auto Parts or similar parts





White Marking

Painted Aluminum



Auto Nameplate / iPhone Case



Transparent Marking

Ordinary Mirror & Painted Glass

Clock

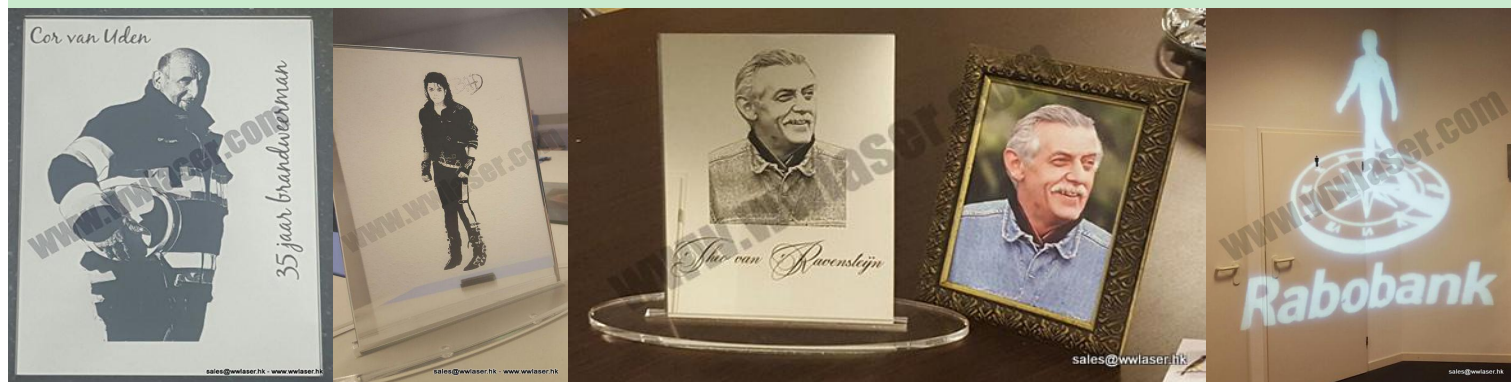


Photo & Transparent Marking

Ordinary Mirror

Mirror Artwork

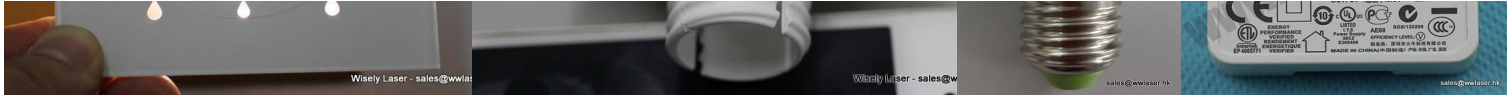


Black & White Marking

Plastic & S.S.

Animal Eartag & Tool & Nameplate





Transparent & Black Marking

Painted Glass & ABS

Hotel Touch Board & LED Lighting & Adapter



Transparent & White Marking

Painted Engineering Plastic

Computer Keyboard & Mouse



Black & White Marking

Gold & Leather & Pottery & Plated S.S.

Promotional Gifts - Medal & Pen & KeyChain & USB Driver



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智·信·銳意·敢擔當——威利激光

Fiber Laser Marking Machine--MY-M20F-III

Features

Portable Style, easy to move and load the material ,can work with customized automatic matching system.

Application Materials

WISELY laser marking machine can work with most metal and non-metallic marking applications, such as Gold, Silver, Stainless Steel, Carbon Steel, Mild Steel, Chrome Steel, Brass, Copper, Aluminium, Acrylic, ABS, Nylon, PES, PVC, Makrolon.

Applicable Industries

- | | |
|------------------------|---|
| Electronic Components: | Resistors, Capacitors, Chips, Printed Circuit Boards, Computer Keyboard, etc. |
| Mechanical Parts: | Bearings, Gears, Standard Parts, Motor, etc. |
| Instrument: | Panel Board, Nameplates, Precision equipment, etc. |
| Hardware Tools: | Knives, Tools, Measuring Tools, Cutting Tools, etc. |
| Automobile Parts: | Pistons and Rings, Gears, Shafts, Bearings, Clutch, Lights, etc. |
| Daily Necessities: | Handicrafts, Zipper, Key Holder, Sanitary Ware, etc. |

<http://www.wisely.hk/en/Affordable-Fiber-Laser-Marking-Machine-Type-III.html>

Advantages

- 1) Long lifespan of fiber laser source: 100 000 - 200 000 hours.
- 2) Low consumption: <500W, more economized and environmental.
- 3) Fast Speed: 7000mm/s, 3 to 5 times above that of traditional products.
- 4) Superior Laser Beam: The definition is 1 micron, 10 times as that of traditional products.
- 5) No Consumables: One marker can work for more than 10 years without any consumables.
- 6) The fiber laser beam comes out from the fiber device directly, no need to adjust the laser optical path.
- 7) High-precision and high-speed scan head, with good seal, capable to prevent dust and water, small volume, compact.
- 8) High-stability controller, USB interface, swift and stable transmission, route optimization, intelligent calculation, easy operation.
- 9) Strong Compatibility: TTF, SHX, BMP, DXF, AI, PLT and other format files output from CorelDraw, AI, PS, AutoCAD, Solidworks etc..
- 10) Integrated Air Cooling System: The cooling effect is more excellent than the water cooling effect in YAG laser, no maintenance.
- 11) Suitable for marking colors on stainless steel and titanium, and black on anodized aluminum, such as iPhone/iPad housing.

Technical Parameters

Type	MY-M20F-III
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Optional Type	Type I / V
Laser Power	20W
Optional Laser Power	Raycus 30W / IPG 20W / IPG 30W / IPG 50W / IPG 100W / SPI 50W / SPI 70W
Laser Wavelength	1064nm
Marking Area	150mm*150mm
Optional Marking Area	70*70 / 100*100 / 175*175 / 200*200 / 220*220 / 250*250 / 300*300 / 400*400 / 500*500mm
Marking Depth	≤1.0mm
Marking Speed	7000mm/s
Minimum Line Width	0.015mm
Minimum Character	0.2mm
Repeated Precision	±0.006mm
Fiber Laser Source	Raycus from China
Scan Head	GalvoTech from China
Controller (Software--EzCad)	JCZ from China
Life-span of Fiber Laser Source	100 000-200 000 hours
Beam Quality	M2 <1.5
Focus Spot Diameter	<0.01mm
Output Power of Laser	10%~100% to be adjusted continuously
Output Frequency of Laser	20KHz~80KHz to be adjusted continuously
Power Stability (8h)	≤±1%rms
System Operation Environment	Windows XP/7/8/10 - 32/64bits
Cooling Mode	Air cooling
Temperature of Operation Environment	0°C~40°C
Power Input	220V/50HZ/1-Ph or 110V/60HZ/1-ph
Power Consumption	<500W
Communication Interface	USB
Dimension (L*W*H)	600*850*700mm
Package Size	830*470*870mm
Net Weight	35Kg
Gross Weight	75Kg
Optional (Not free of charge)	Rotary Device, XY Moving Table, other customized Automatic Matching System

Shipment
Within 3-7 working days after receiving your payment.

Packaging
International Standard Packing--Plywooden Case--free of fumigation.

Warranty Period
Whole machine has a warranty period of 24 months since the delivery.

Training
3-10 working-day training free of charge in factory. Oversea training is available, but the buyer should pay the cost including the tickets, hotel, taxi, food and so on.



Type III



Type II



Type III



Type III

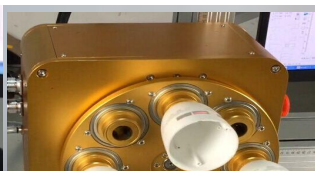


Type V



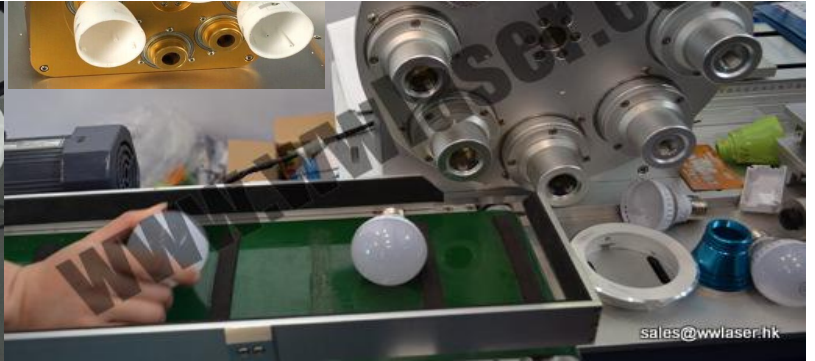
Type V

Automation for fiber laser marking machine

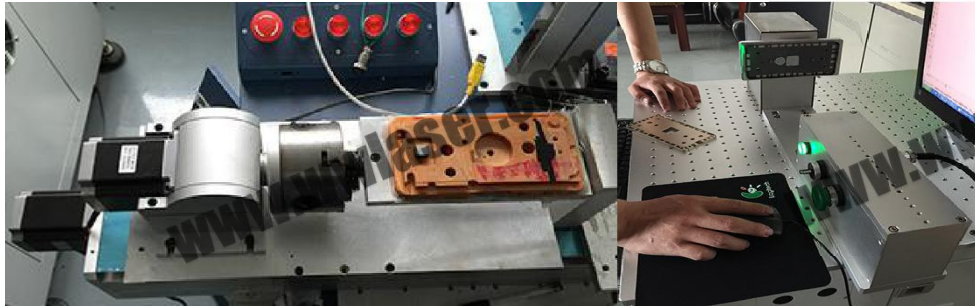




Rotary Table for pen marking



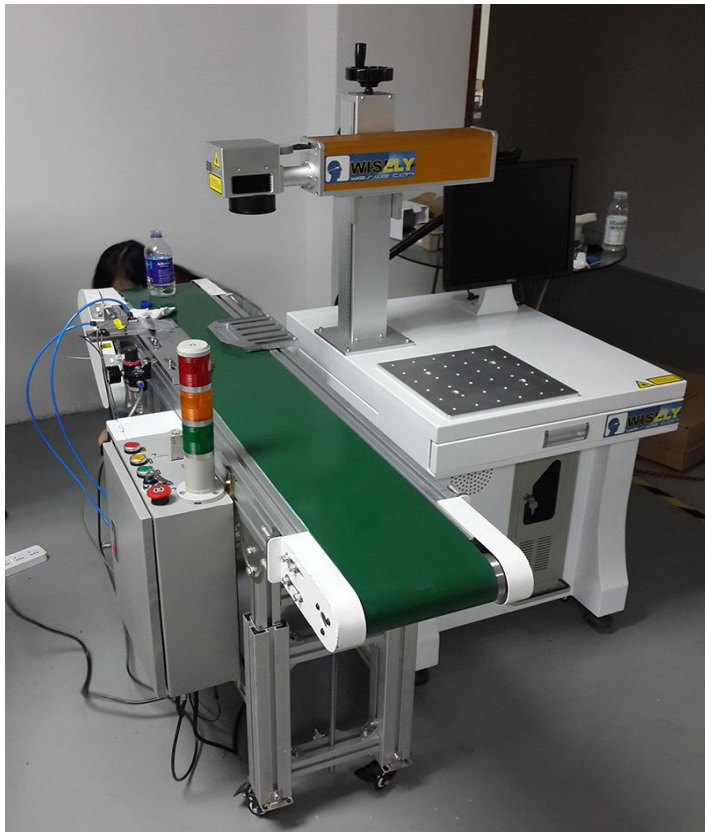
LED Lighting / Lamp Marking



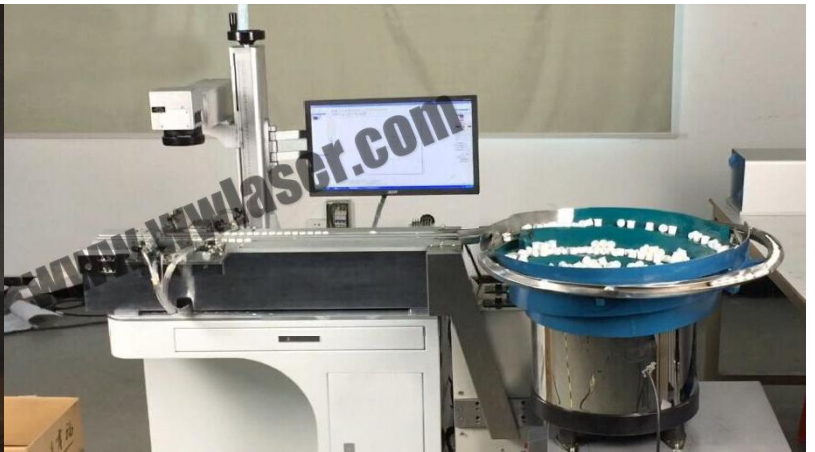
Rotary Table for pen or similar cylinders marking



Offstandard Rotary Device & XY Table



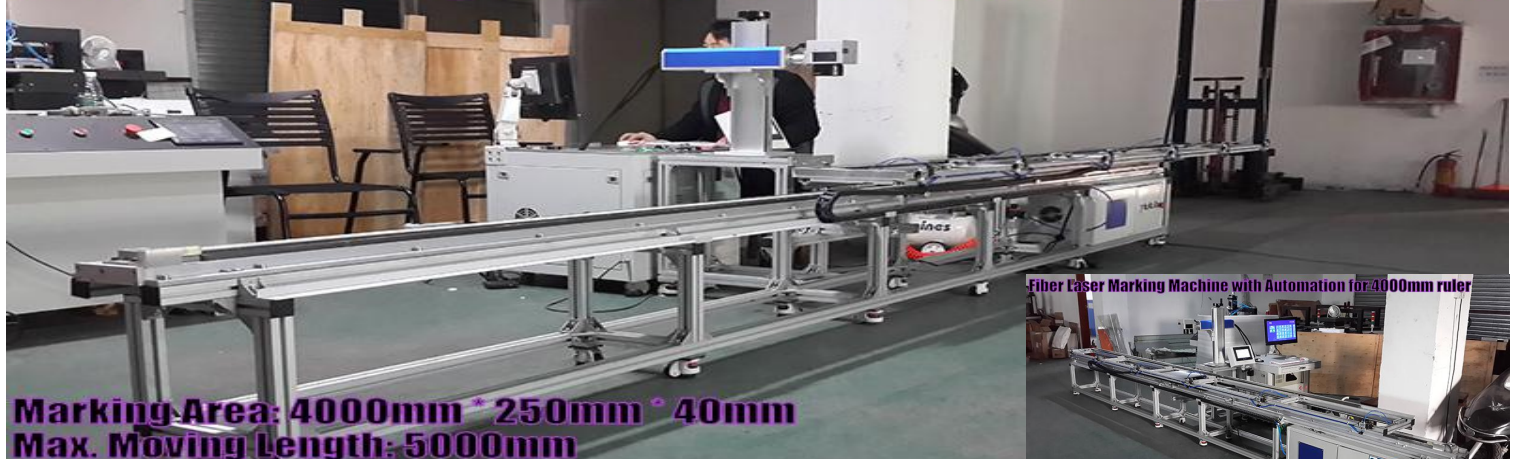
Rotary Table for bearing or similar objects marking



Video to show more automation



Fiber Laser Marking Machine with automation for 4000mm ruler



Marking Area: 4000mm * 250mm * 40mm
Max. Moving Length: 5000mm

Fiber Laser Marking Machine with Automation for 4000mm ruler

Marking Precision: 0.05-0.07mm
Accumulative Error: 0.1-0.2mm

Rotary Table for ruler marking

4000mm ruler for Measurement at Oil Depot or Gasoline Station

