

# Sample Gallery


**Color Marking**
**304# Stainless Steel (For short: S.S.)**
**Watch Housing & Kitchen Knife**

**Black & QR Code Marking**
**304# S.S.**
**Buckle & Portable Can**

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




White Marking

316# S.S.

Watch Housing



Black & White Marking

304# S.S.

Medical Tools & Tableware



Black and Depth & Photo Marking

304# Dumb-face S.S. & Plated S.S.

S.S. Lable for Gold Mine & Zippo Lighter



Black Marking

Anodized Aluminum

Chest nameplate







**Black & White Marking**

**Anodized Aluminum**

**iPhone & iPad or similar devices**



sales@wwlaser.hk

**White Marking**

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

**Nut & Tin & Dial & Knife**

**湘钢线材**  
 热轧无扭控冷盘条  
 WIRE RODS PRODUCED BY TWISTLESS  
 HOT-ROLLING AND CONTROLLED COOLING

牌 号 STEEL GRADE	H08A
合同号 CONTRACT NO	
规 格 SIZE	Φ 6.5 mm
炉 号 HEAT NO	05106048-1
批钩号 ROLLING HOOK NO	A/ B2336 — 60
重 量 WEIGHT	2000 kg
生产日期 DATE	05-06-15C

中国湖南华菱湘潭钢铁有限公司  
 VALIN XIANGTAN I&S CO.,LTD. HUNAN CHINA

**SINGLE-PHASE INDUCTION MOTOR**

TYPE	YY7122	2900 r/min
	550 W	3/4 HP
	220 V	3.65 A
	60 Hz	INS, CL, F IP 55
	16 μF	500 VAC
NO.	C06074152R	Q/SW, JB1012F-1991

**戴姆勒股份公司辛德尔芬根制造**  
**MADE BY DAIMLER AG IN SINDELINGEN**

	整车型号 model	CLS 63 AMG	载客人数 seats	4
	发动机型号 engine type	156 983	生产日期 built date	2008/04
	发动机功率 engine power	378 kW	型式 type	219 377
	发动机排量 eng. displ.	6208 cc	总质量 GVW	2370 kg
	车辆识别号 VIN	WDDDJ77X48A141417	德国制造 Made in Germany	

**White Marking**

**Painted Aluminum**

**Auto Nameplate**





**White & Transparent Marking**

**Painted Plastic - ABS / Painted Glass**

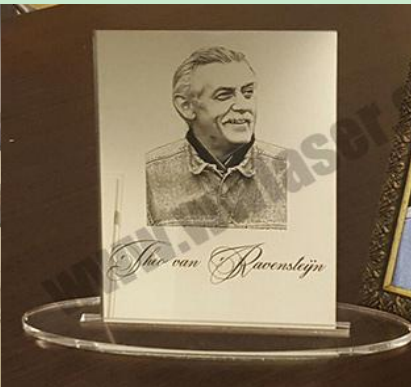
**Auto Parts or similar parts**



**Transparent Marking**

**Ordinary Mirror & Painted Glass**

**Clock**



**Photo & Transparent Marking**

**Ordinary Mirror**

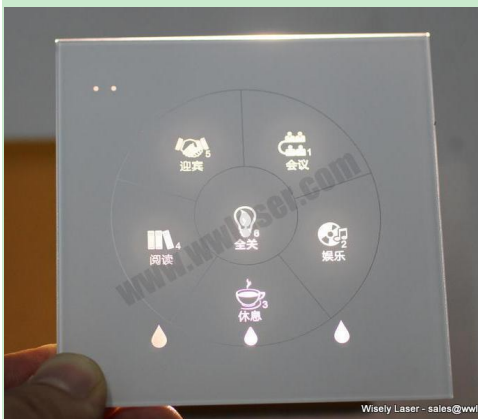
**Mirror Artwork**



**Black & White Marking**

**Plastic & S.S.**

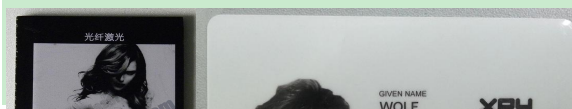
**Animal Eartag & Tool & Nameplate**



**Transparent & Black Marking**

**Painted Glass & ABS**

**Hotel Touch Board + LED Lighting + Adapter**







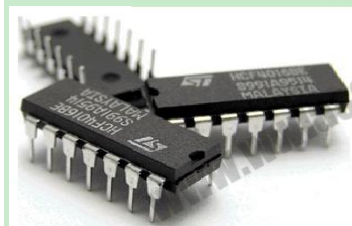
**Photo & Black Marking**



**Acrylic & ABS & Chrome Steel & Brass**



**IC Card + Stopcock + Swiss Army Knife + Bullet**



**Black & White Marking**



**Plastic & Brass**



**IC & Capacitor & Container Lock & Sax**



**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**



**WISELY LASER MACHINERY LIMITED**  
 No. 7 Building, No. 5 Industry Zone Shutianpu, Matian  
 Guangming New District, Shenzhen 518106 China  
 T: +86-755-32998419 E: sales@wwlaser.hk W: www.wwlaser.com  
 智·信·銳意·敢擔當——威斯利激光

**Fiber Laser Marking Machine--MY-M20F-II**

## Features

1. Portable Style - easy to load and move.
2. Safety Shield to protect the operator - be suitable for the market in Australia, Europe and America.
3. High-rigidity - strong frame and resonable structure design gurantees this machine can be used for many years without any deformation.

## 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/Color-Laser-Marking-Machine-Type-III-MOPA-Fiber-Laser.html>

## Advantages

- 1) Long lifespan of fiber laser source: 100 000 - 200 000 hours.
- 2) Low consumption: <400W, 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



<b>Type</b>	<b>MY-M20F-III</b>
Optional Type	Type II / V
Power	20W
Optional Laser Power	JPT 30W / SPI 50W / SPI 70W / IPG 50W / IPG 100W
Laser Wavelength	1064nm
Marking Area	150mm*150mm
Optional Marking Area	70*70mm / 100*100mm / 175*175mm / 200*200mm / 220*220mm / 250*250mm / 300*300mm
Marking Depth	≤1.0mm
Marking Speed	7000mm/s
Minimum Line Width	0.015mm
Minimum Character	0.2mm
Repeated Precision	±0.006mm
Fiber Laser Source	JPT 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% continuously to be adjusted
Output Frequency of Laser	1KHz~1000KHz continuously to be adjusted
Power Stability (8h)	<±1%rms
System Operation Environment	Windows XP/7/8 - 32/64bits
Cooling Mode	Air cooling--Built-in
Temperature of Operation Environment	0℃~40℃
Power Consumption	220V/50HZ/1-Ph or 110V/60HZ/1-ph
Power Requirement	<400W
Communication Interface	USB
Dimension (L*W*H)	500mm*850mm*750mm
Package Size	650mm*1000mm*1000mm
Net Weight	50Kg
Gross Weight	110Kg



**Shipment**

Within 3-7 working days after receiving your payment.

**Payment**

By T/T, L/C, Collection and Payment on Delivery. Payment Terms can be negotiable.

**Packaging**

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

**Warranty**

Whole machine has a warranty period of 12 months since the delivery (fiber laser source has 22 months warranty period).

**Training**

3-10 working-day training free of charge in factory.

**Service**

Oversea service is available, but the buyer should pay the cost including the tickets, hotel, taxi, food and so on.

**Samples**

- 1) Samples available, we can make the samples at your request.
- 2) All samples in the images are made by WISELY Fiber Laser Marker, copy right reserved!



**Type II**



**Type III**



**Type III**



**Type III**



**Type V**



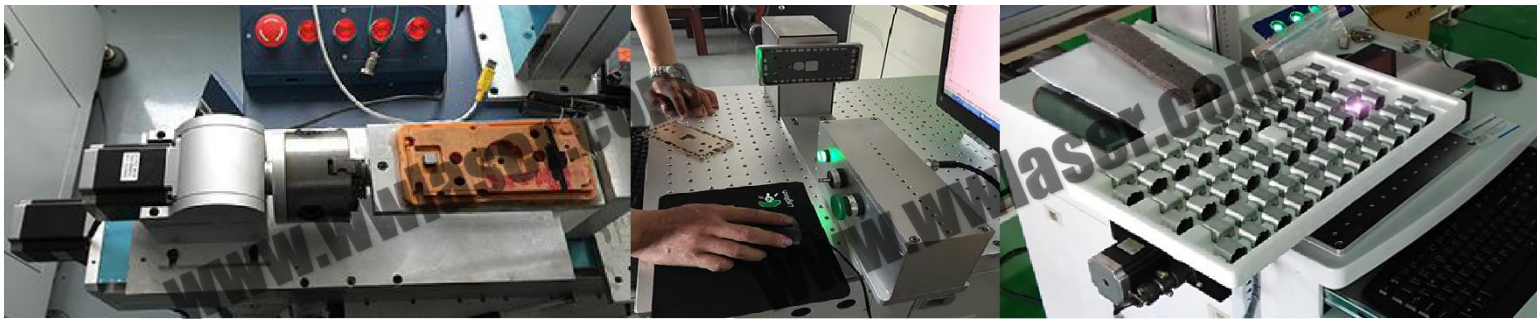
**Type V**





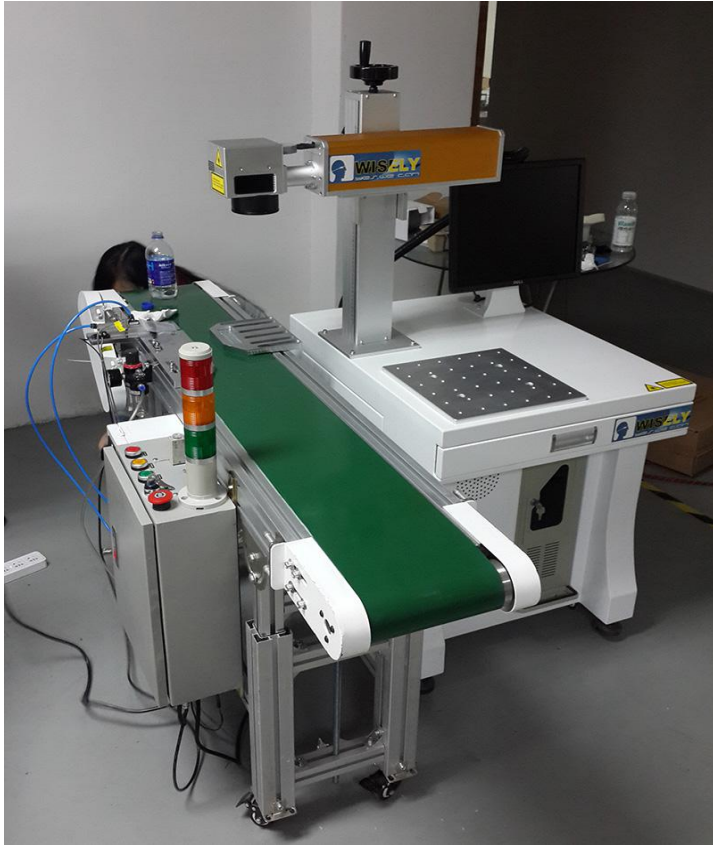
**Rotary Table for pen marking**

**LED Lighting / Lamp Marking**



**Rotary Table for pen or similar cylinders marking**

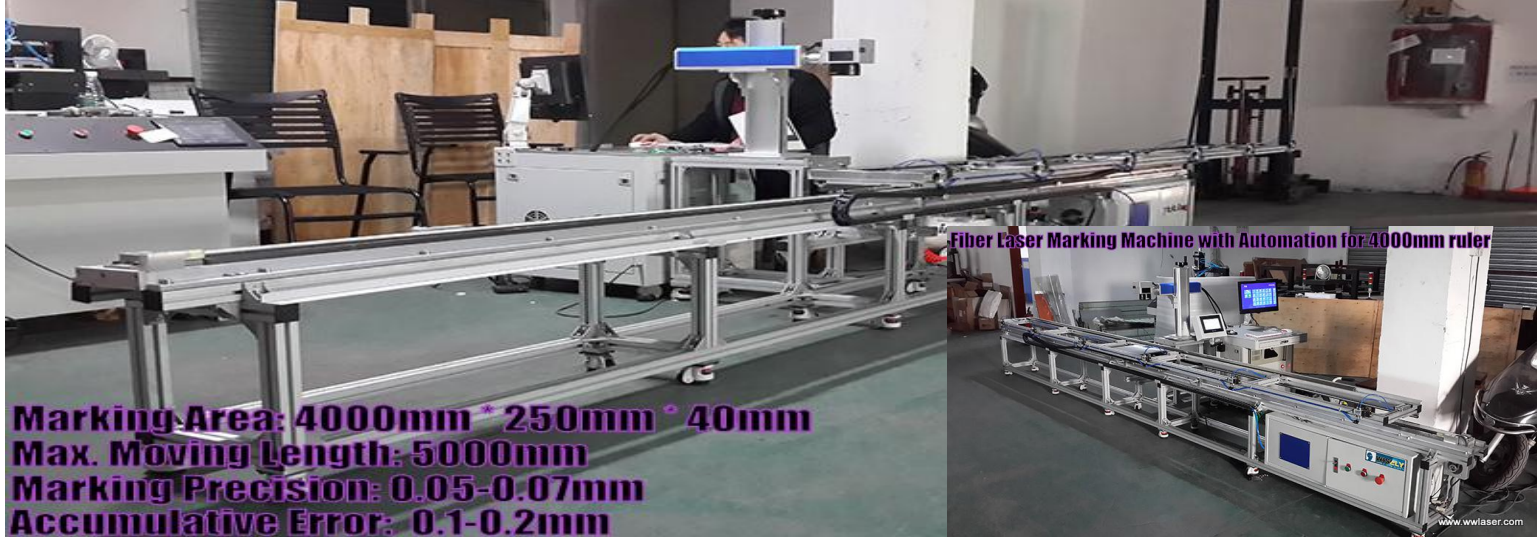
**Offstandard Rotary Device & XY Table**



**Rotary Table for bearings 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**  
**Marking Precision: 0.05-0.07mm**  
**Accumulative Error: 0.1-0.2mm**

**Fiber Laser Marking Machine with Automation for 4000mm ruler**

**Rotary Table for ruler marking**

**4000mm ruler for Measurement at Oil Depot or Gasoline Station**



























