

# Sample Gallery



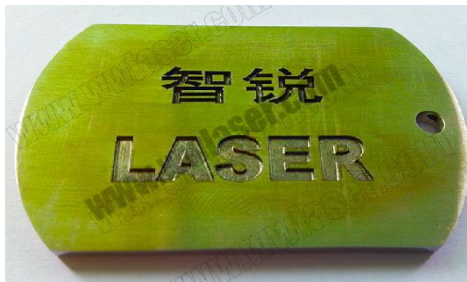
**Black & QR Code Marking**



**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**



sales@wwlaser.hk



**Black and Depth & Photo Marking**

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

**S.S. Lable for Gold Mine & Zippo Lighter**



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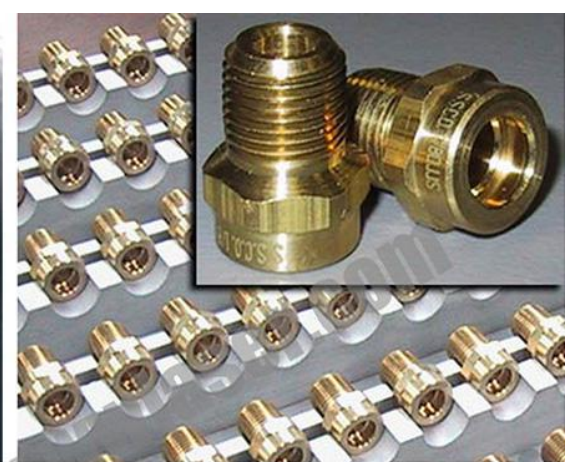


sales@wwlaser.hk

**Black & White Marking**

**Painted S.S. & Chrome Steel & Brass**

**iPhone Housing & Stopcock & Swiss Army Knife + Bullet**



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


White Marking

**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	7.5 kg
NO.	C06074152R	Q/SW, JB1012F-1991

Painted Aluminum

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

 <b>Mercedes-Benz</b> 梅赛德斯 - 奔驰	整车型号 model <b>CLS 63 AMG</b>	载客人数 seats <b>4</b>
	发动机型号 engine type <b>156 983</b>	生产日期 built date <b>2008/04</b>
	发动机功率 engine power <b>378 kW</b>	型式 type <b>219 377</b>
	发动机排量 eng. displ. <b>6208 cc</b>	总质量 GVW <b>2370 kg</b>

车辆识别号  
 VIN **WDDDJ77X48A141417**

德国制造  
 Made in Germany

Auto Nameplate



White & Transparent Marking



Painted Plastic - ABS / Painted Glass



Auto Parts or similar parts



Transparent Marking

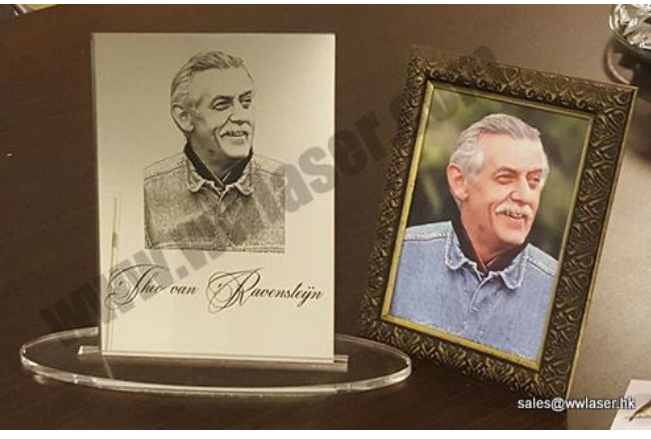
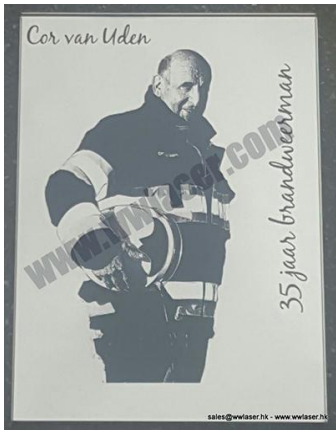


Ordinary Mirror & Painted Glass



Clock





**Photo & Transparent Marking**

**Ordinary Mirror**

**Mirror Artwork**



**Black & White Marking**

**Plastic & S.S.**

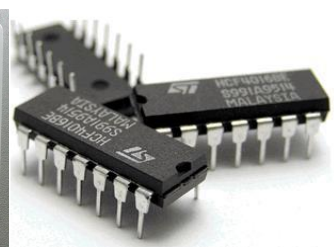
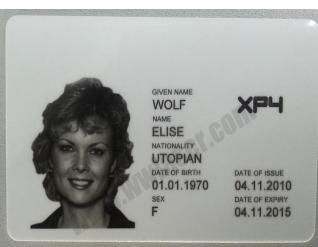
**Animal Eartag & Tool & Nameplate**



**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**



**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**

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

### Features

Open worktable, easy to load the material and 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.

[More details, please visit http://www.wwlaser.com/about/about\\_289.html](http://www.wwlaser.com/about/about_289.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



Type	MY-M20F-II
Optional Type	Type I / III / IV / V
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*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	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)	<math>\leq \pm 1\% \text{rms}</math>
System Operation Environment	Windows XP/7/8 - 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	<math>< 400\text{W}</math>
Communication Interface	USB
Dimension (L*W*H)	600*750*1450mm
Package Size	680*830*1650mm
Net Weight	120Kg
Gross Weight	170Kg
Optional (Not free of charge)	Rotary Device, XY Moving Table, other customized Automatic Matching System

**Shipment**  
 Within 1-7 working days after receiving your payment.

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

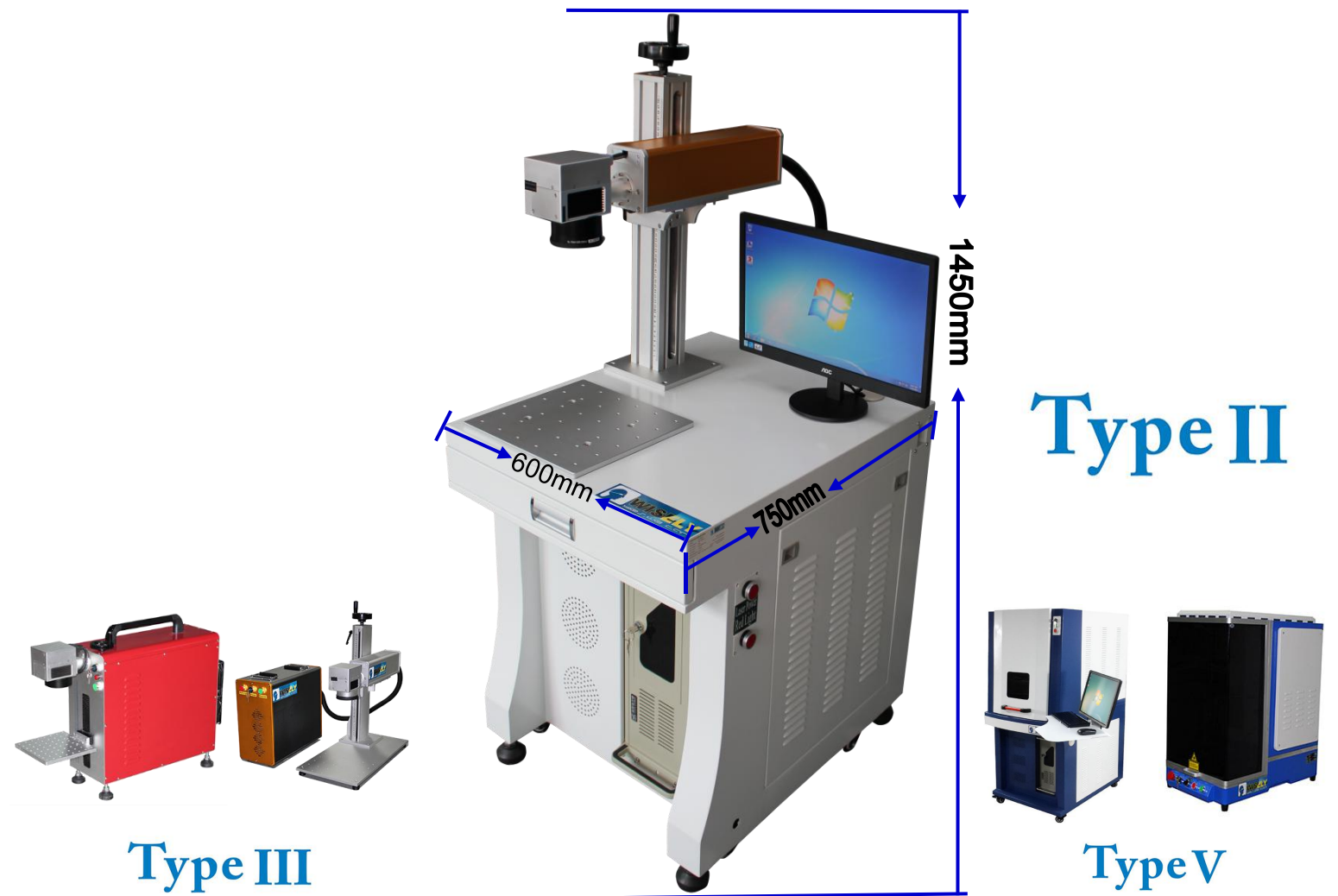
**Packaging**  
 International Standard Packing--Plywooden Case--free of fumigation.

**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.

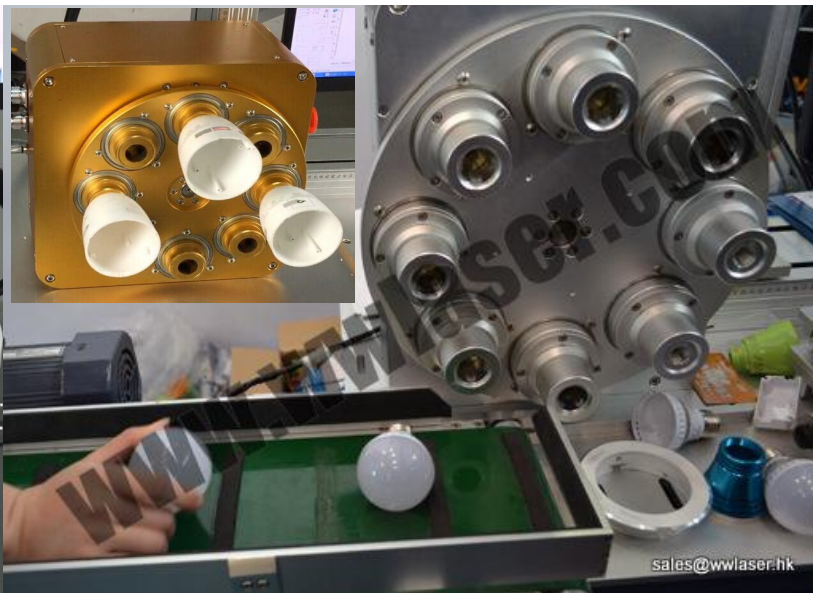
**Samples**  
 1) Samples available, we can make the samples at your request.  
 2) All samples in the images are made by WISELY Fiber Laser Marker, copy right reserved!



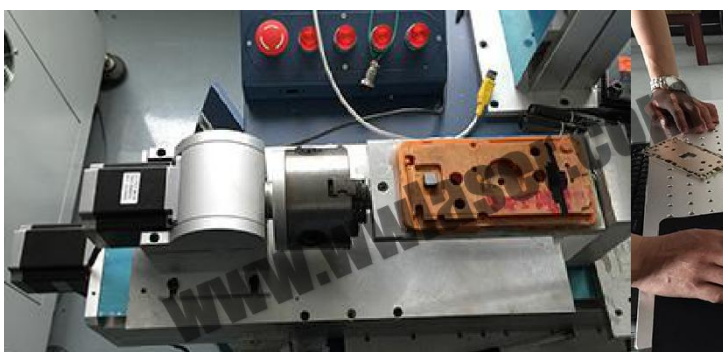
# Automation for fiber laser marking machine



**Rotary Table for pen marking**



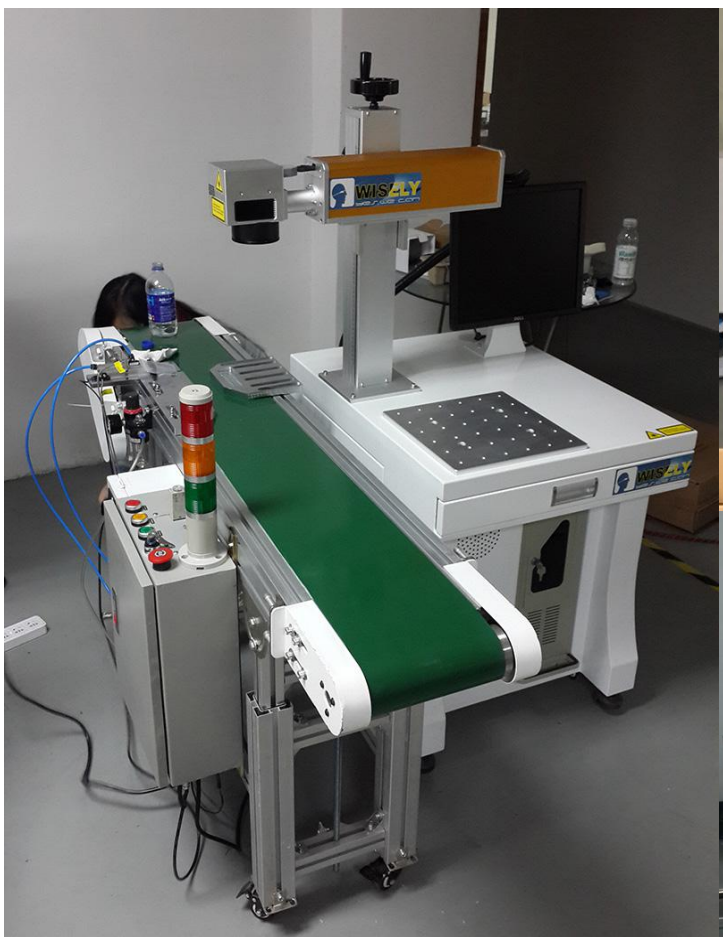
**LED Lighting / Lamp Marking**



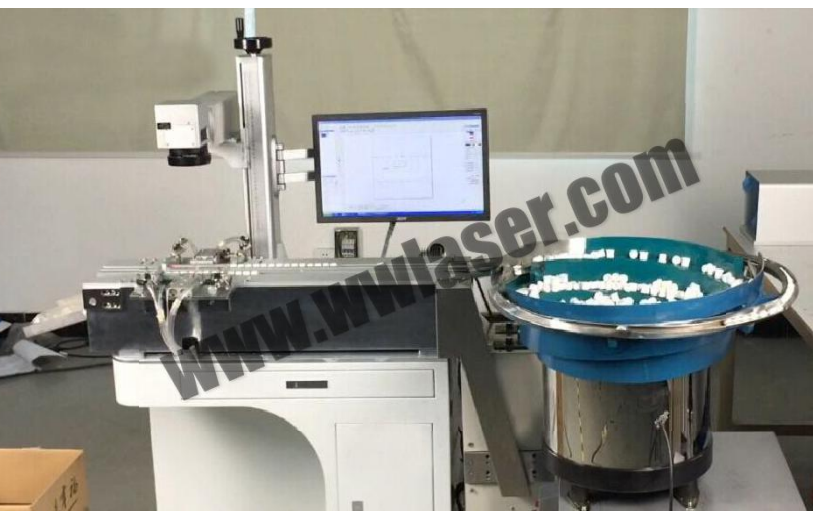
**Rotary Table for pen or similar cylinders marking**



**Offstandard rotary device & XY Table**



**Rotary Table for hearing or similar objects marking**



**Video to show more automation**



# Fiber Laser Marking Machine with automation for 4000mm ruler



Rotary Table for ruler marking

4000mm ruler for Measurement at Oil Depot or Gasoline Station

## Packaging

