

中国激光设备大型专业制造商  
CHINA LASER EQUIPMENT PROFESSIONAL MANUFACTURER



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QUALITY SERVICE SPECIALIST

**MACTRON**  
Technologies  
**东莞迈通科技** 中国·广东  
GUANGDONG · CHINA

# 公司简介 Introduction



迈通科技是一家致力于为全球用户提供中小功率激光加工解决方案的现代化专业高新技术企业，产品涵盖了CO2, YAG, 半导体, 光纤, 金属射频激光, 固体激光等领域加工设备。

迈通科技依托多元化信息和高新技术人才优势, 已经开发激光产品达五十多款机型, 年产能1200台套以上。产品应用领域涉及: 纺织, 皮革, 服装, 工业面料, 广告, 工艺产品, 印刷, 包装, 电子, 医药, 家具, 五金工具, 模具等众多行业。营销网络遍及全球30多个国家和地区, 并得到海内外客户的一致好评。

迈通科技本着“以先进的技术赢得市场, 用最好的服务回报客户”经营宗旨, “团结, 拼搏, 务实, 创新”的管理精髓, 为全国乃至全球激光事业做出贡献。

Maetron Technology Co., Limited is a modern professional Hi-Tech enterprise, products covering Co2 Laser, YAG pump laser, diode pump laser, fiber laser, metal RF laser, and solid laser etc. processing equipment.

Maetron-Tech relying on the advantage of multi-information and Hi-Tech talented persons, we have already developed laser related products more than 50 models, the year's production capacity more than 1200 sets. Laser equipment are applicable to many kinds of industries, such as textile, garment, leather, advertising decorating, arts, printing, package, electronic, medical, furniture, hardware tool, mold etc. The marketing network in more than 30 countries, the quality and service after sales got good feedback from domestic and foreign customers.

Maetron-Tech with: "Win the market with advanced technology, Redound upon customer with the best service" business tenet, "Solidarity, Exertion, Truthfulness, Innovation" managerial spirit, we will exert biggest effort in order to contribute to the development of the Chinese and all over the world laser industry.



广东高新技术企业证书  
Guangdong High-tech Enterprise  
Authentication Certificate



SGS检测报告  
SGS Report



CE认证  
CE certificate



ISO 9001质量认证  
ISO 9001 Certificate



## 通用型激光切割雕刻机 CO2 Laser Cutting and Engraving Machine

人性化操作界面, DSP数字高速处理技术, USB数据传输, 大容量机器内存128M, 激光功率及雕刻切割速度变化随需控制。广泛应用于各种非金属材料加工, 如服装, 皮革, 包装印刷, 电脑绣花, 工艺品, 广告, 装饰, 鞋类, 家具等众多行业。

Humanized operating interface, DSP high speed data processing technology, USB 2.0 high-speed interface to transmit data, big volume memory 128M, and it can control laser power and engraving/cutting speed at discretion. This series widely applied for kinds of nonmetal materials industry, such as garment, leather, package and printing, embroideries, craftwork, advertisement, shoes, upholstery, crystal, paper and others.



64 digits DSP chip core of the controller promoting movement performance fully

Circuit System for driving motor used America National Semiconductor IC

Imported lens set specially for laser processing

Linear Guide Rail

Model/型号	Processing Area/工作台面
MT-6040	600×400mm
MT-9060	900×600mm
MT-1080	1000×800mm
MT-1280	1200×800mm
MT-1410	1400×1000mm
MT-1610	1600×1000mm

Customized Model is Available/可定制

Laser Type/激光类型	国产CO2激光器/Co2 Glass Laser Tube (RF metal Co2 laser tube optional)
Cutting Speed/切割速度	0-36000mm/Min
Engraving Speed/雕刻速度	0-64000mm/Min
Location Precision/定位精度	±0.01mm
Cooling Mode/冷却方式	Water Cooling and Protection System/水冷及保护系统
Graphic Formats Supported/支持格式	PLT, DST, AI, DXF, BMP, JPG, CAD, CDR, DWG

## 双头激光切割机 Double Heads Laser Cutting Machine

双激光头同时工作, 其运动控制能力大大提升了激光加工的效率, 广泛应用于电脑绣花贴布, 以更低的成本创造双倍的效益和更好的切割效果。此系列主要用在布料, 皮革, 织布玩具, 电脑绣花切割, 商标, 广告亚克力有机玻璃, 纸张, 木制品等行业。

This series fully employs its movement controlling capacity to improve the laser processing effect, two laser heads work at the same time. It can be used in lot processing of applique embroidery, with less cost double efficiency rate and better cutting quality. It widely applied for cloth, leather, fabric toy, computerized embroidery cutting, electric product, acrylic etc.



Belt Pulley

DSP controller and various IC groups

Double Laser Heads Work At The Same Time

Mechanical moving system devices high-accuracy standard bearing association

Model/型号	Processing Area/工作台面
MT-1080D	1000×800mm
MT-1280D	1200×800mm
MT-1410D	1400×1000mm
MT-1610D	1600×1000mm

Customized Model is Available/可定制

Laser Type/激光类型	国产CO2激光器/Co2 Glass Laser Tube (80W-150W)
Cutting Speed/切割速度	0-46000mm/Min
Engraving Speed/雕刻速度	0-64000mm/Min
Location Precision/定位精度	±0.01mm
Cooling Mode/冷却方式	Water Cooling and Protection System/水冷及保护系统
Graphic Formats Supported/支持格式	PLT, DST, AI, DXF, BMP, JPG, CAD, CDR, DWG



## 自动升降平台及旋转设备激光切割雕刻机

Motorized Up-Down Table Laser Engraving Machine With Rotary Device

设备可配备旋转装置和升降平台装置，实行电脑软件自动控制，既可以满足大体积物体的表面雕刻，也可以有效实现圆形物体的立体雕刻效果，具有很强的兼容性。此系列主要应用于切割及雕刻广告装饰，工艺礼品，印章，模型等行业材料，如亚克力，双色板，PVC板，木板，中纤板，橡胶，塑料等。

This series is optional rotary device and automatic up-down working table, controlled by computer software automatic, not only engraving on big thickness materials, also engraving on cylinders made of various materials effectively with vivid designs, higher compatible. It widely applied for engraving and cutting on acrylic, double-colored board, plywood, MDF, rubber, plastic etc. for advertisement, decorative, crafts and gifts, stamp and model industries.

Model/型号	Processing Area/工作台面
MT-6040RU	600×400mm
MT-9060RU	900×600mm
MT-1080RU	1000×800mm
MT-1280RU	1200×800mm
Customized Model is Available/可定制	



Laser Type/激光类型	国产CO2激光器/Co2 Glass Laser Tube (60W-80W)
Ascending and Descending Distance/升降范围	200-450mm
Engraving Speed/雕刻速度	0-64000mm/Min
Location Precision/定位精度	±0.01mm
Rotary Diameter/夹具范围	20-200mm
Graphic Formats Supported/支持格式	PLT, DST, AI, DXF, BMP, JPG, CAD, CDR, DWG

## 全自动定位激光切割机

Automatic Pick-Up Positioning Laser Cutting Machine

为了解决异形商标和类式加工方式的现场需要，使用了目前最高端的DSP技术和全球领先的摄像定位图像识别系统，全自动定位切割，大面积切割（最大可达700×500mm）。主要用于商标切割，织唛，电脑绣花贴布裁剪和雕刻。

In order to meet the demands of abnormal irregular and type processing, it users top DSP technology and worldwide outstanding pickup positioning figure identification system, automatic positioning cutting, max. cutting area is up to 700×500mm. It widely applied for computerized embroidery labels, irregular labels, embroidery craftwork, print fabric, textile, badge, trademark industries and other nonmetal materials.

Model/型号	Processing Area/工作台面
MT-6040CF	600×400mm
MT-9060CF	900×600mm
MT-1080CF	1000×800mm
MT-1280CF	1200×800mm
Customized Model is Available/可定制	



Laser Type/激光类型	国产CO2激光器/Co2 Glass Laser Tube (60W-80W)
Cutting Speed/切割速度	0-36000mm/Min
CCD Resolution Ratio/摄像头像素	3,200,000 pixels
Location Precision/定位精度	±0.01mm
Cooling Mode/冷却方式	Water Cooling and Protection System/水冷及保护系统
Graphic Formats Supported/支持格式	PLT, DST, AI, DXF, BMP, JPG, CAD, CDR, DWG

## 自动送料激光切割机

Auto-Feeding Laser Cutting Machine

此系列配备了自动送料装置，面向纺织，服装等行业卷布，卷皮等材料的切割加工需求的用户，大大节省材料上料时间和避免材料浪费，加工效率成倍提高。主要适用于服装，鞋类，皮料，电脑绣花，商标切割等行业。

This series adopt the auto-feeding system working table, used to cut soft materials in rolls automatically, such as fabric, PU, leather, cloth, textile etc. It saved so much time to put materials and avoid to waste materials, with less cost, double efficiency. It widely applied for garments, shoes, bags and luggage, computerized embroidery, template cutting, toys, furniture and so on.



Model/型号	Processing Area/工作台面
MT-1280DA	1000×800mm
MT-1410DA	1400×1000mm
MT-1610DA	1600×1000mm
MT-1810DA	1800×1000mm
Customized Model is Available/可定制	

Laser Type/激光类型	国产CO2激光器/Co2 Glass Laser Tube (80W-150W)
Cutting Speed/切割速度	0-36000mm/Min
Working Mode/工作方式	Two Heads Cutting/双头切割
Location Precision/定位精度	±0.01mm
Cooling Mode/冷却方式	Water Cooling and Protection System/水冷及保护系统
Graphic Formats Supported/支持格式	PLT, DST, AI, DXF, BMP, JPG, CAD, CDR, DWG

## 激光裁床

CO2 Laser Flatbed Cutting Machine

半飞行光路设计，即激光器固定在X轴上，沿Y轴运动，使得整块大面积材料每个角落均有一致的切割效果。同时可配备高质量的伺服电机，滚珠丝杠导轨及高效的抽风系统，广泛用于广告标识，装潢，服装，布料，包装，纸品等行业，大幅面开料，裁剪。

Half-flying design, laser generator fixed in X axis and moving in line of Y axis, it can keep the same power-force on each working spot, in order to ensure fine cutting quality. And adopt high quality servo motor, ballscrew guide and effective blowing system, widely applied for thick acrylic, wood, plastic, cloth etc. in a high precision for advertising, decorating and modeling industries.



Model/型号	Processing Area/工作台面
MT-2015	2000×1500mm
MT-2516	2500×1600mm
Customized Model is Available/可定制	

Laser Type/激光类型	国产封离式CO2激光器/Co2 Glass Laser Tube (100W-150W)
Optional Laser/可选激光器	50W-100W America RF Metal Laser Tube
Cutting Speed/切割速度	0-60000mm/Min
Location Precision/定位精度	±0.03mm
Moving System/运动系统	Ballscrew Guide and Servo Motor (Optional)
Graphic Formats Supported/支持格式	PLT, DST, AI, DXF, BMP, JPG, CAD, CDR, DWG



## 桌面型激光切割雕刻机

### Desktop Laser Engraving Cutting Machine

采用标配相同配置，具备其全部性能，但采用高度浓缩设计，使机器摆脱笨重，更便于运输和移动，适合于移动作业，大大减少运动成本，同时具备更高的工作精度。广泛应用于各种非金属材料加工，如服装，皮革，包装印刷，电脑绣花，工艺品，广告，装饰，鞋类，家具等众多行业。

Adopt the same as standard configuration, with its all performance, but highly compressed structure design, reduced the total weight and big volume so much, it is easy to transport and move, also saved moving cost, especially suitable for mobile workshop with higher processing precision. Mainly applied for kinds of nonmetal materials processing, such as garment, leather, printing, package, embroidery, craftwork, advertisement, shoes, crystal, paper, wooden products, upholstery, plastic, ceramic tile, bamboo etc.

Model/型号	Processing Area/工作台面
MT-5040	500 x 400mm
MT-6030	600 x 300mm
MT-9060	900 x 600mm
Customized Model is Available/可定制	



Laser Type/激光类型	国产CO2激光器/Co2 Glass Laser Tube (40W-80W)
Cutting Speed/切割速度	0-3600mm/Min
Engraving Speed/雕刻速度	0-6400mm/Min
Location Precision/定位精度	± 0.01mm
Cooling Mode/冷却方式	Water Cooling and Protection System/水冷及保护系统
Graphic Formats Supported/支持格式	PLT, DST, AI, DXF, BMP, JPG, CAD, CDR, DWG

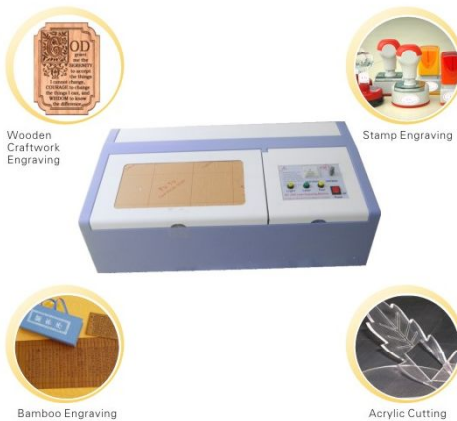
## 小型激光雕刻机/刻章机

### Mini Laser Engraving Machine

此系列分为刻章机和工艺品雕刻机两类产品。专用刻章机重量轻，移动运输非常便利，操作简单，成本低，用于各种牛角印，木头印，红塑印，有机玻璃印，原子印，水晶印，玉石印，橡胶印等。工艺品雕刻机具备专用刻章机全部功能，同时还配备升降平台装置，用于工艺品及相关材料雕刻，如木制器，有机玻璃，水晶，双色板，皮革，纸张，石材等材料上雕刻字符，图像及产品名称，规格，型号，具有永久性防伪，并可切割各类非金属材料。

This series included laser stamp engraver and craftwork laser engraving and cutting machine. Laser stamp engraver is portable and easy to operate with lower cost, applied for kinds of ox horn stamp, organic glass stamp, plastic stamp, rubber stamp, crystal stamp etc. Craftwork laser engraving machine with all laser stamp engraver function, and with up-down table, special applied for craftwork and related materials engraving, such as wooden products, plexiglass, crystal, double-colored board, leather, paper, stone etc. For engraving letter, image and product name, specification, model etc. and also cut kinds of nonmetal materials.

Model/型号	Processing Area/工作台面
MT-2020	200 x 200mm
MT-2020U	200 x 200mm
MT-3040	300 x 400mm
MT-3040U	300 x 400mm
Customized Model is Available/可定制	



Laser Type/激光类型	国产CO2激光器/Co2 Glass Laser Tube (30W-50W)
Cutting Speed/切割速度	0-3600mm/Min
Engraving Speed/雕刻速度	0-6400mm/Min
Location Precision/定位精度	± 0.01mm
Cooling Mode/冷却方式	Water Cooling and Protection System/水冷及保护系统
Graphic Formats Supported/支持格式	PLT, DST, AI, DXF, BMP, JPG, CAD, CDR, DWG

## 非金属激光打标机

### CO2 Nonmetal Laser Marking Machine

采用美国新瑞和相干原装进口金属射频CO2激光器和电源，德国振镜及控制系统，新加坡全套光学镜片，整机性能稳定，加工成本低廉，无需任何耗材，使用寿命长。广泛应用于各种非金属材料及部分金属材料，如木制品，纸张，皮革，布料，有机玻璃，亚克力，毛制品，塑胶，瓷砖，水晶，竹等，涉及行业有消费品，食品包装，医药包装，建筑陶瓷，服装辅料，工艺品，电子元器件，箱包等。

Adopt originally imported USA synrad and coherent CO2 radio frequency metal laser tube and power supply, And originally imported marking scanner head and optics, higher stability, processing cost is lower, no consumable parts, longer lifetime. Widely applied for kinds of nonmetal materials and some metal materials, such as wooden products, paper, leather, cloth, plexiglass, acrylic, woolen, plastic, ceramic, crystal, bamboo etc. involved in costume accessories, food and drink packaging, garment and cloth, leather, crafts, rubber, electronic parts, nameplates, construction ceramic etc. Industries.

Model/型号	Laser Power/激光功率	Processing Area/工作台面
MT-DF60	Glass Laser Tube 60W	1000 x 800mm
MT-RF30	RF Laser Tube 30W	1400 x 1000mm
MT-RF50	RF Laser Tube 50W	1600 x 1000mm
MT-RF100	RF Laser Tube 100W	1800 x 1000mm
Customized Model is Available/可定制		



Laser Type/激光类型	进口CO2射频激光器/Radio frequency CO2 laser generator Imported from U.S.A
Marking Speed/打标速度	7000mm/S Linear Scan
Marking Depth/打标深度	≤5mm
Repetition Precision/重复精度	± 0.01mm
Cooling Mode/冷却方式	Air Cooling or Water Cooling
Graphic Formats Supported/支持格式	PLT, DST, AI, DXF, BMP, JPG, CAD, CDR, DWG

## 金属激光打标机

### Metal Laser Marking Machine

采用进口半导体模块，高速振镜，Q开关，打标速度快，精度高。采用独立自控冷水循环系统，机器性能稳定可以满足工业现场长时间连续工作的要求。主要用于精密雕刻，标记各种金属材料及多种非金属材料，广泛应用于电子，仪表，通讯器材，包装，饮料，电池，卫生洁具，机械制造，汽车配件，首饰，钟表，医疗器械，眼镜，五金工具等行业，并可与流水线结合，进行在线打标。

Adopt imported semi-conductor module, high-speed optical scanner, Q switch, providing speedy scanning and high precision. Independent self-control cool-water circulating system ensures stable performance and meet equipments on long time running. Mainly used to precision etching and marking on metals and nonmetal materials, widely applied for such industries as electronics, instrument, communication apparatus, packaging, beverage, battery, sanitary ware, machinery manufacturing, automobile parts, jewelry, watch and clock, medical apparatus, eye glasses and hardware. This products can be integrated into the user's production line to realize online marking.

Model/型号	Laser Power/激光功率	Processing Area/工作台面
MT-YAG50	Nd:YAG 50W	110 x 110mm
MT-DP50	Diode Pump Module 50W	110 x 110mm
MT-DP75	Diode Pump Module 75W	200 x 200mm
Customized Model is Available/可定制		



Laser Type/激光类型	进口半导体模块/Imported Semi-Conductor Module
Marking Speed/打标速度	≤7000mm/S Linear Scan
Marking Depth/打标深度	≤3mm
Repetition Precision/重复精度	± 0.01mm
Cooling Mode/冷却方式	Water Cooling/水冷
Graphic Formats Supported/支持格式	PLT, DST, AI, DXF, BMP, JPG, CAD, CDR, DWG



## 光纤激光打标机

### Fiber Laser Marking Machine

采用原装进口光纤激光器，高速振镜扫描系统，输出功率稳定，光学模式好，光束质量优异、打标速度快，效果好，效率高，能充分满足客户大批量生产需求。操作简单、无耗材，能充分满足工业化连续工作需求。广泛应用于手机按键、塑胶透光按键、电子元器件、集成电路（IC）、电工电器、通讯产品、卫浴洁具、工具配件、刀具、眼镜钟表、珠宝首饰、汽车配件、箱包扣饰、炊具、不锈钢制品等行业。

Adopt the imported fiber laser generator, high speed Galvo system to enable stable laser output and high quality laser mode. This model boasts for its fast marking speed, good marking effect and high efficiency to meet the demand of mass production. Furthermore it also enjoys the advantages of easy operation, low running cost, long-term trouble-free working and free from maintenance. All these factors devotes to its capacity to satisfy industrial production. Widely apply for mobile button, plastic transparent button, electronics parts, IC, tools, communication products, bathing products, tool accessories, glasses and watches, jewelry, button decoration for boxes and bags, cookers, stainless steel products and so on.



Model/型号	Laser Power/激光功率	Processing Area/工作台面积
MT-F10	Imported Fiber Laser Generator 100W	110×110mm
MT-F20	Imported Fiber Laser Generator 200W	110×110mm
Customized Model is Available/可定制		

Laser Type/激光类型	进口光纤激光器/Imported Fiber Laser Generator
Marking Speed/打标速度	≤8000mm/S Linear Scan
Marking Depth/打标深度	≤5mm
Repetition Precision/重复精度	±0.002mm
Laser Module Life/模块寿命	≥50000H
Graphic Formats Supported/支持格式	PLT, DST, AI, DXF, BMP, JPG, CAD, CDR, DWG

## 金属激光切割机

### YAG Metal Laser Cutting Machine

YAG切割机非常适用于金属材料切割、打孔，可切8mm碳钢，5mm不锈钢，也可应用于金属焊接，是一款多功能的加工设备。该设备运行稳定可靠、加工质量好、效率高、操作简单维护方便，是一款性价比非常高的产品。广泛用于广告标牌制作、钣金结构、高低压电器柜制作、纺织机械零件、厨具、汽车、金属工艺品、电器零件、眼镜行业、弹簧片、电路板、五金等行业。

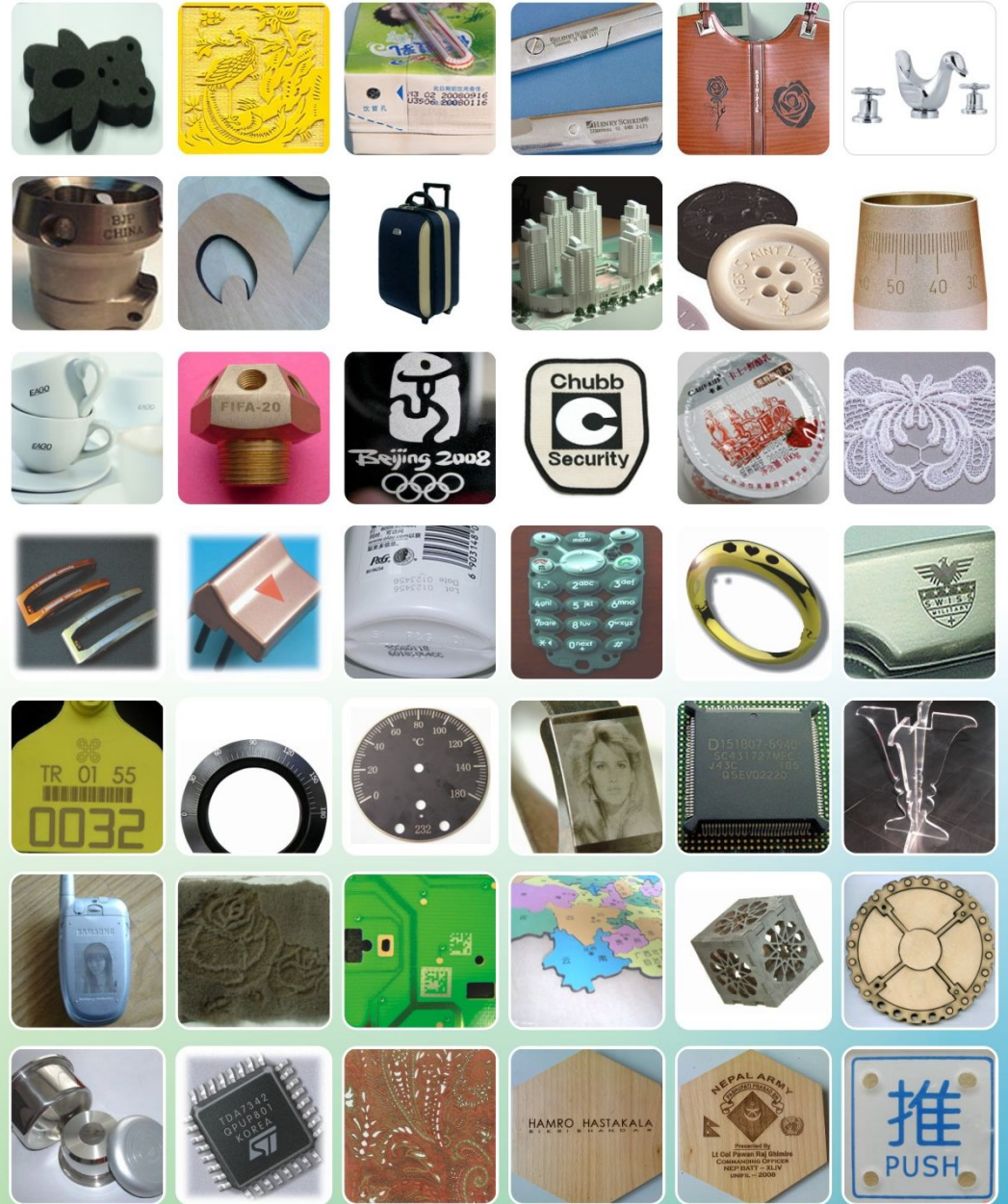
YAG cutter is suitable for cutting and punching on metallic materials. It can cut 8mm thick carbon steel and 5mm thick stainless steel. Meanwhile, it can also be used for metal welding. Stability, high cutting quality, simple operation and easy maintenance make it a good machine with high cost-performance ratio. Applicable for advertising signs, sheet metal part, high and low voltage cabinet manufacturing, textile machinery part, kitchen ware, automobile, metal craft, spring, electronic part, eyeglasses, circuit board, hardware industries etc.



Model/型号	Laser Power/激光功率	Processing Area/工作台面积
MT-YC300	Double Lamp Pumped Nd:YAG 300W	≤1000×1500mm
MT-YC600	Double Lamp Pumped Nd:YAG 600W	≤3000×1500mm
Customized Model is Available/可定制		

Laser Type/激光类型	钕钇YAG晶体，进口金属激光管/Superior quality YAG crystals, imported metal laser-gathering cavity
Max. Cutting Speed/最大切割速度	≤2000mm/Min Stainless 0.6mm
Pulse Width/脉冲宽度	0.2-20ms Continuously Adjustable/连续可调
Pulse Frequency/脉冲频率	0.1-500Hz Continuously Adjustable/连续可调
Worktable precision/工作台精度	±0.1mm (Within 3000×1500mm)
Air pressure/气压	Compressed Air/压缩空气, 0.7PA

## 样品展示 Samples





# 激光配件

## Laser Accessories



Co2 Glass Laser Tube  
(20W-150W)



Laser Power Supply  
(30W-150W)



Co2 Metal Laser Tube  
(10W-100W)



Motor and Drivers



Switch Power Supply  
(24V and 36V)



Honeycomb Table



Laser Focus Lens



Laser Reflector Mirror



Laser Control Card



Laser Head



Mechanism Parts



Mirror Mount



Industrial Laser Water Chiller  
(20W-150W Laser Tube)



Krypton and Xenon Lamp



Chinese-English Screen  
PAD03



Laser Goggle



F-Theta Lens



Diode Pump Module  
(50W-75W)