Focus on quality , Whole hearted service

专 / 注 / 品 / 质　用 / 心 / 服 / 务

激光机 LASER MACHINE

◆激光雕刻机 LASER ENGRAVING MACHINE

◆激光切割机 LASER CUTTING MACHINE

◆激光打标机 LASER MARKING MACHINE



公司实力 COMPANY POWER





























公司荣誉 COMPANY HONORS





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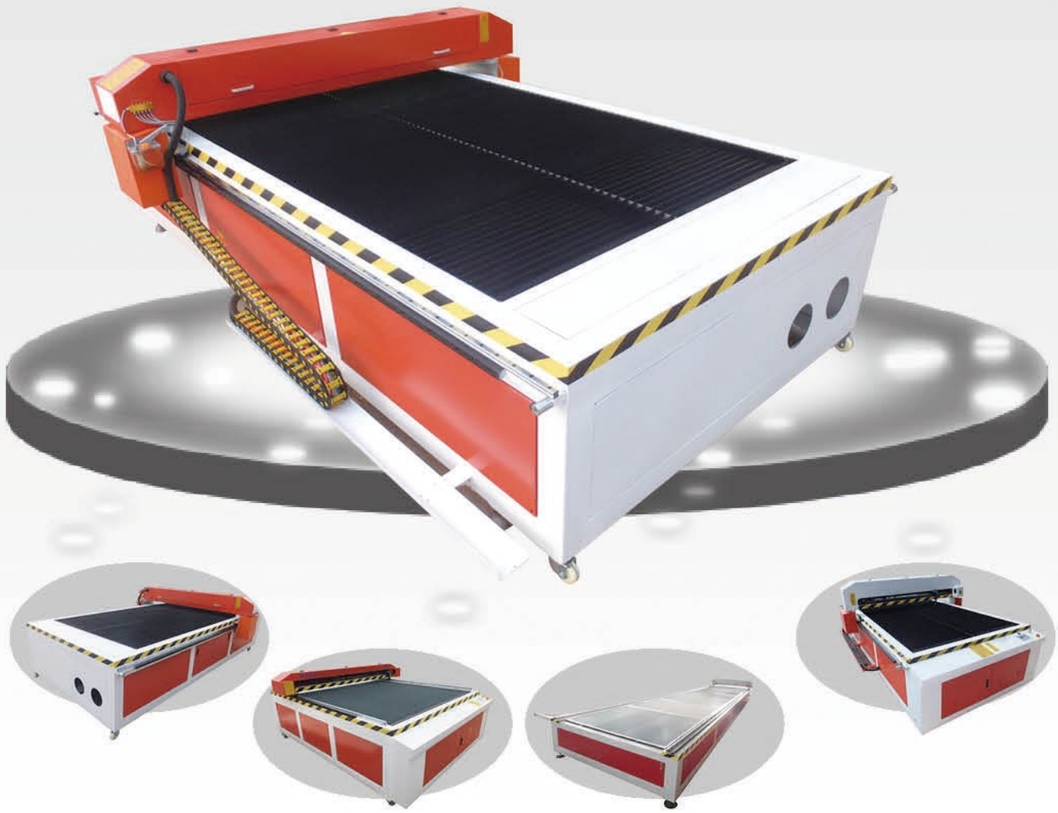
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Flatbed Laser Cutting Machine -Laser Cutting Bed
激光裁床 1325/1625/1825/1530/1830 Laser Cutting Lathe



样品图 Samples



机器特性 /Machine Feature

1、搭配丝杠，斜齿条和皮带，适合各种加工需要；
2、采用进口直线导轨和高速步进电机及驱动器，使切割效果边缘光滑无波纹；
3、一体化框架结构，永不磨损使机器运行稳定无噪音；采用经特殊处理的全敞开式工作平台，操作方便，
4、DSP 系统，开放式软件接口、兼容 Auto CAD、Coreldraw、文泰雕刻、Photoshop 等矢量图设计软件；
5、超强度的钢板，自动润滑导轨，有效保障设备的平稳运行及寿命；
6、独特的上下抽风排烟除尘系统，吹气保护标记材料。

- With ball screw and oblique rack and belt suit for any materials
- Openness of the platform to facilitate the processing of materials available.
- Strong steel structure machine body makes sure working stable and no noise.Gear rack tramsmission with high precision.
- Automatic Lubricating device and auto smoking absorption system , convenient for machine maintenance.
- Imported Linear rail guide with high durability, stability, precision.
- DSP offline control system with USB interface. Software support windows XP, windows 7, compatible with artcut, coreldraw, Photoshop, Auto CAD etc.

机器应用 /Machine Applications

应用行业：服装打样、大幅面截断、皮革业、鞋业、装饰业、家具业、广告业、包装印刷业、模型业、工艺礼品业等。
适用材料：布料、皮革、纸张、竹木制品、密度板，奥松板，有机玻璃、玻璃、薄膜、帆布等。

Application Industry:advertisement, arts and crafts, leather, toys, garments, model, building upholstery, computerized embroidery and clipping, packaging and paper industry.
Application Materials: Acrylic, wood, bamboo, MDF, cloth, marble, organic glass, crystal, plastic, garments, paper, leather, rubber, ceramic, glass and other nonmetal materials.

技术参数 /Technical Parameters

Model 型号	1325	1625	1825	1530	1830
Working area(mm) 加工幅面	1300*2500	1600*2500	1800*2500	1500*3000	1800*3000
Standard Laser power 功率	80W/100W/130W/150W				
Laser type 激光类型	CO2 sealed laser tube,water cooling 封离式水冷却 CO2 激光管				
Engraving speed 雕刻速度	0-1000mm/s				
Cutting speed 切割速度	0-600mm/s				
Resetting positioning accuracy 定位精度	<0.01mm				
Maximum forming character 最小成型文字	Figure/English 数字 / 字母：1x 1mm 汉字：1.5*1.5mm				
Power supply 电源	220V±10% 50Hz or 110V±10% 60Hz				
Software supported 支持软件	ArtCut、PhotoShop (Conversion output) 转换输出 CorelDraw、AutoCAD (Direct output) 直接输出				
Main Graphic format supported 支持文件格式	PLT/DXF/DST/BMP/AI etc. (Direct output) 直接输出				
Standard Parts 标准配件	1) Knife working table with funnel 刀条漏斗 2) Big air pump 气泵 3) Exhaust fans 风机 4) standard cooling system 冷却装置 5) Tool box 工具箱				
Optional part 可选配件	1) Honeycomb worktable for soft material 蜂窝用于柔性材料 2) Dust cover and automatic lubrication for linear guide 防尘和自动润滑装置				
Running Environment 工作环境	温度：0-45° 湿度：5%-95% Temperature: 0-45° , Humidity: 5%-95%				
Warranty 保修期	One year, except consumable parts 一年，耗材除外				
Support 技术支持	by calling or email or training 电话、邮件、或者是现场培训				

Single Head Laser Engraving & Cutting Machine

单头激光雕刻切割机 6040/9060/1290/1390/1410/1610/1810



样品图 Samples



机器特性 /Machine Feature

1、DSP 脱机系统配带 USB 接口，软件支持 windows XP, windows 7, 支持文泰，coreldraw，photoshop 和 Auto CAD.
2、前后通料适合各种长板材料的加工 .
3、精密电路系统确保机器安全运转 .
4、选用进口直线导轨 , 耐用 , 稳定，高精度 .
5、废料搜集系统方便取样和节省原材料 .
6、进口限位，确保 XYZ 轴和其他部件的安全 .

- DSP offline control system and USB interface. Software support windows XP, windows 7, compatible with artcut, coreldraw, Photoshop, Auto CAD etc.
- Front & Rear entry for super-long plate to pass through.
- Safety Magnetic switch to make sure safety during work.
- Imported Linear rail guide with high durability, stability, precision.
- Waste collect device, easy to pick up samples and save raw materials.
- Most advanced double limit switches protect on XYZ axis, preventing the bump of laser parts.

机器应用 /Machine Applications

应用材料：亚克力，木材 , 竹子，布料，大理石，有机玻璃，水晶，塑料，服装，纸，皮革，橡胶，印刷雕版，陶瓷和其他非金属材料 .
应用行业：广告标识标牌、工艺礼品、水晶饰品、剪纸工艺、竹木简雕刻工艺、建筑模型，印刷雕版、服装皮革、刺绣、装饰装修、相框制作等行业、包装和纸业等等。

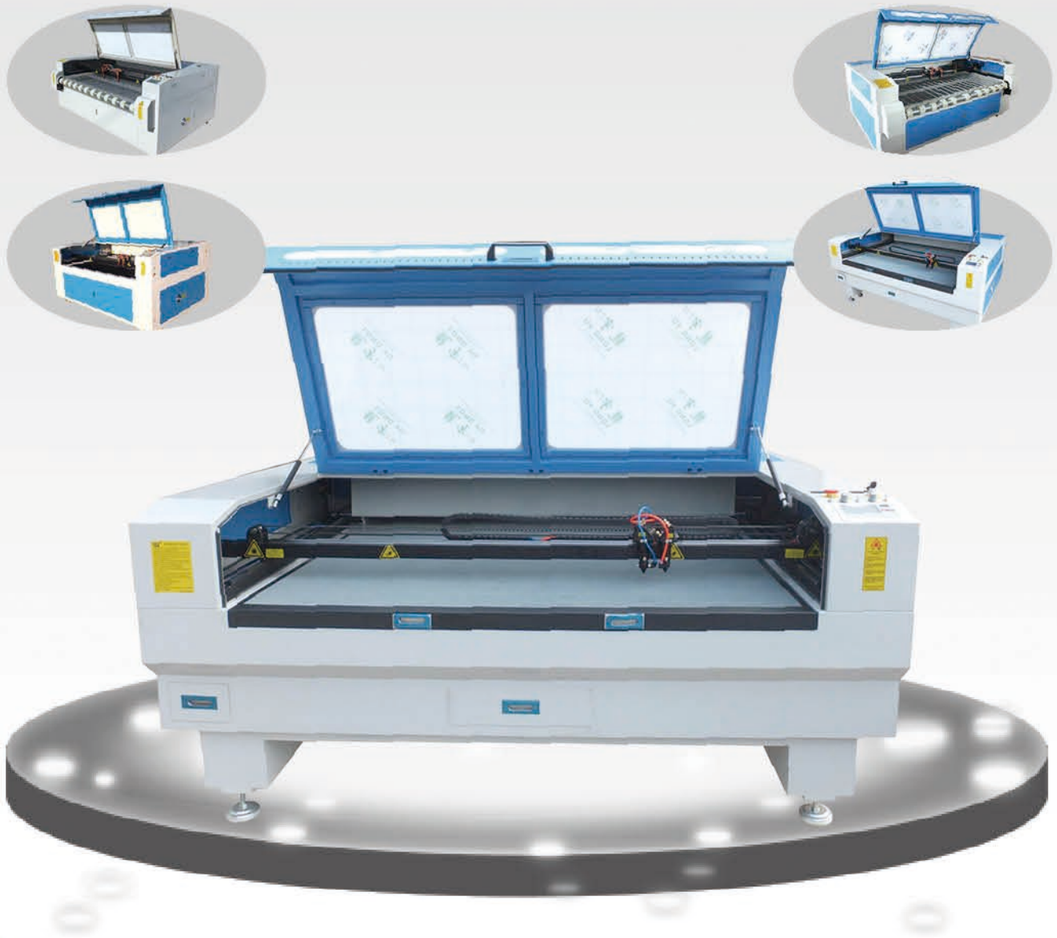
Application Materials: Acrylic, wood, bamboo, cloth, marble, organic glass, crystal, plastic, garments, paper, leather, rubber, ceramic, glass and other nonmetal materials.
Application Industry:advertisement, arts and crafts, leather, toys, garments, model, building upholstery, computerized embroidery and clipping, packaging and paper industry.

技术参数 /Technical Parameters

Model 型号	6040	6090	1390	1410	1610	1810
Working area(mm) 加工幅面	600*400	600*900	1300*900	1400*1000	1600*1000	1800*1000
Standard Laser power 功率	60W/80W/100W/130W/150W					
Laser type 激光类型	CO2 sealed laser tube, water cooling 封离式水冷却 CO2 激光管					
Engraving speed 雕刻速度	0-1000mm/s					
Cutting speed 切割速度	0-600mm/s					
Resetting positioning accuracy 定位精度	<0.01mm					
Maximum forming character 最小成型文字	Figure/English 数字 / 字母：1x 1mm 汉字：1.5*1.5mm					
Power supply 电源	220V±10% 50Hz or 110V±10% 60Hz					
Software supported 支持软件	ArtCut, PhotoShop (Conversion output) 转换输出 CorelDraw, AutoCAD (Direct output) 直接输出					
Main Graphic format supported 支持文件格式	PLT/DXF/DST/BMP/AI etc. (Direct output) 直接输出					
Standard Parts 标准配件	1) Knife working table with funnel 刀条漏斗 2) Air pump 气泵 3) Exhaust fans 风机 4) Standard cooling system 冷却装置 5) Tool box 工具箱					
Optional part 可选配件	1) Honeycomb worktable for soft material 蜂窝平台 2) Motorized up and down table 自动升降平台 3) Auto focus 自动对焦系统 4) Red dot positioning 红光定位系统 5) Rotary 旋转轴，圆形工装夹具					
Running Environment 工作环境	温度：0-45° 湿度：5%-95% Temperature: 0-45° , Humidity: 5%-95%					
Warranty 保修期	One year, except consumable parts 一年，耗材除外					
Support 技术支持	by calling or email or training 电话、邮件、或者是现场培训					

Double Heads Laser Engraving & Cutting Machine

双头激光雕刻切割机 1290/1390/1410/1610/1810



样品图 Samples



机器特性 /Machine Feature

1、双头机器广泛用于广告，导光板，模型，服装，皮革等行业，实现了批量加工，提高了工作效率
2、DSP 脱机系统配带 USB 接口，软件支持 windows XP, windows 7, 支持文泰，coreldraw，photoshop 和 Auto CAD
3、前后通料适合各种长板材料的加工 .
4、选用进口直线导轨 , 耐用 , 稳定，高精度 .
5、光路稳定设计，确保双头加工时台面上的各个位置功率输出一致，快速高效 .
6、双激光头可选用双头互移设计，激光头之间的距离可实现自由调节和单双激光头之间的自由切换

- Double laser heads are widely used in advertising, LGP, model, clothes,leather industry,and improved the efficiency.
- DSP offline control system and USB interface. Software support windows XP, windows 7, compatible with artcut, coreldraw, Photoshop, Auto CAD etc.
- Front & Rear entry for super-long plate to pass through.
- Imported Linear rail guide with high durability, stability, precision.
- Reasonable design of laser line, keep the same power force on each port, ensure the quality of working
- Double laser heads adopt the double linkage design for optional, the distance between two heads can adjust freely, the laser heads can work at the same time and respectively.

机器应用 /Machine Applications

应用材料：亚克力，木材 , 竹子，布料，大理石，有机玻璃，水晶，塑料，服装，纸，皮革，橡胶，印刷雕版，陶瓷和其他非金属材料 .
应用行业：广告标识标牌、工艺礼品、水晶饰品、剪纸工艺、竹木简雕刻工艺、建筑模型，印刷雕版、服装皮革、刺绣、装饰装修、相框制作等行业、包装和纸业等等。

Application Materials: Acrylic, wood, bamboo, cloth, marble, organic glass, crystal, plastic, garments, paper, leather, rubber, ceramic, glass and other nonmetal materials.
Application Industry: advertisement, arts and crafts, leather, toys, garments, model, building upholstery, computerized embroidery and clipping, packaging and paper industry.

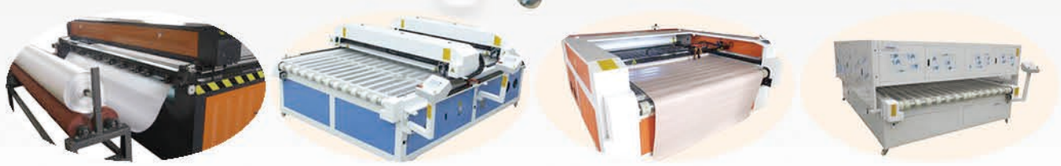
技术参数 /Technical Parameters

Model 型号	1390	1410	1610	1612	1810
Working area(mm) 加工幅面	1300*900	1400*1000	1600*1000	1600*1200	1800*1000
Standard Laser power 功率	Double 60W/80W/100W/130W/150W or be combined freely 可自由组合				
Laser type 激光类型	CO2 sealed laser tube, water cooling 封离式水冷却 CO2 激光管				
Engraving speed 雕刻速度	0-1000mm/s				
Cutting speed 切割速度	0-600mm/s				
Resetting positioning accuracy 定位精度	<0.01mm				
Maximum forming character 最小成型文字	Figure/English 数字 / 字母：1x 1mm 汉字：1.5*1.5mm				
Power supply 电源	220V±10% 50Hz or 110V±10% 60Hz				
Software supported 支持软件	ArtCut, PhotoShop (Conversion output) 转换输出 CorelDraw, AutoCAD (Direct output) 直接输出				
Main Graphic format supported 支持文件格式	PLT/DXF/DST/BMP/AI etc. (Direct output) 直接输出				
Standard Parts 标准配件	1) Knife working table with funnel 刀条漏斗 2) Air pump 气泵 3) Exhaust fans 风机 4) Standard cooling system 冷却装置 5) Tool box 工具箱				
Optional part 可选配件	1) Double laser heads adopt the double linkage design 双头互移装置 2) Honeycomb worktable for soft material 蜂窝平台 3) Red dot positioning 红光定位系统 4) Motorized up and down table 自动升降平台 5) Auto focus 自动对焦系统 6) Rotary 旋转轴，圆形工装夹具				
Running Environment 工作环境	温度：0-45° 湿度：5%-95% Temperature: 0-45° , Humidity: 5%-95%				
Warranty 保修期	One year, except consumable parts 一年，耗材除外				
Support 技术支持	by calling or email or training 电话、邮件、或者是现场培训				

Auto Feeding Laser Cutting Machine

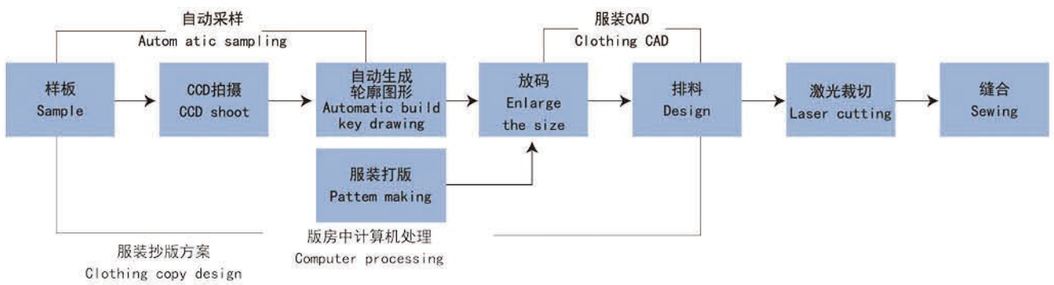
自动送料激光切割机 1610/1810/1325/1625/1825/2225/1830





激光切割裁床在服装制衣行业典型加工流程方框图

The processing flow of large scale laser cutting Machine in garment industry





机器特性 /Machine Feature

1、自动送料激光切割机选用履带式工作平台，双激光头互移加工与自动排料系统相结合，切割速度快，面料利用率高，实现连续送料切割

2、机器应用于服装、纺织业，皮革等行业。主要用于板材、布料、皮革等非金属的切割和雕刻。

3、恒定光路设计，确保大幅面切割时，工作台面上各个位置激光功率输出一致，加工质量一样。

4、大幅面激光切割切口平滑精细，满足整匹面料的下料、加工。

5、送料系统采用特殊乙字带台面，履带自动送料装置，方便加工物在切割台面上自由移动。

6、全自动送料和收料，节省时间，提高工作效率，可根据用户需求定制幅面。

● Laser cutting machine with auto feeding system adopt crawler-type worktable dual laser head manual move processing and auto feeding system, providing the fast cutting speed high utilization rate of material and continuous cutting.

● The machine are widely used in clothing, textiles, leather and other industries.

● Reasonable design of laser line, the laser transmitting on large scale with the feature of simple and no waste, keeping the same power-force on each working spot, ensure the quality of cutting, and can do engraving simple process.

● Large format laser cutting incision smooth fine,meet the blanking machining the whole piece of cloth.

● Feeding system adopts the special words with mesa, pedrail automatic device, convenient processing objects move freely on the surface of the cutting machine

● Auto feeding and discharging, save time,improve work efficiency, it can customize according to customers' demand.

机器应用 /Machine Applications

应用材料：布料，滤布，鞋业，家纺，制衣，工业面料，地毯，毛绒玩具，纸业，皮革，
汽车内饰，家具座套，刺绣，帆布和其他非金属材料。
应用行业：服装行业，环保过滤行业，纺织业，毛绒玩具，皮革业，电脑刺绣，帆布，座套行业，包装和纸业等

Application Materials: cloth, Filter cloth footwear, textile, garments, industrial fabric, carpets,toys, paper, leather, automotive interiors, car seat covers, pads, furniture seat cover and other nonmetal soft materials.

Application Industry: clothing, environmental protection filter, textile industry, toys, leather, computerized embroidery, clipping, seat covers, pads, furniture seat cover, packaging and paper industry.

技术参数 /Technical Parameters

Model 型号	1600 series	1800 series	2000/2200 series
Working area(mm) 加工幅面	1600*1000 1600*2500 1600*3000	1800*1000 1800*2500 1800*3000	2000*3000 2200*2500
Standard Laser power 功率	80W/100W/130W/150W or Double 60W/80W/100W/130W/150W		
Laser type 激光类型	CO2 sealed laser tube,water cooling 封离式水冷却 CO2 激光管		
Engraving speed 雕刻速度	0-1000mm/s		
Cutting speed 切割速度	0-600mm/s		
Resetting positioning accuracy 定位精度	<0.01mm		
Maximum forming character 最小成型文字	Figure/English 数字/字母：1x 1mm 汉字：1.5*1.5mm		
Power supply 电源	220V±10% 50Hz or 110V±10% 60Hz		
Software supported 支持软件	ArtCut, PhotoShop (Conversion output) 转换输出 CorelDraw, AutoCAD (Direct output) 直接输出		
Main Graphic format supported 支持文件格式	PLT/DXF/DST/BMP/AI etc. (Direct output) 直接输出		
Standard Parts 标准配件	1)Stainless steel wire mesh working table with funnel 不锈钢网和漏斗 2) Feeding frame 送料架 2) Air pump and Exhaust fans 压缩机气泵和风机 4) Standard cooling system 冷却装置 5) Tool box 工具箱		
Optional part 可选配件	1) Double laser heads adopt the double linkage design 双头互移装置 2) CCD system 自动识别商标系统		
Running Environment 工作环境	温度：0-45° 湿度：5%-95% Temperature: 0-45° , Humidity: 5%-95%		
Warranty 保修期	One year, except consumable parts 一年，耗材除外		
Support 技术支持	by calling or email or training 电话、邮件、或者是现场培训		

CCD Laser Cutting Machine
自动识别商标激光切割机 9060/1390/1610/1810

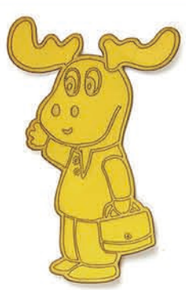




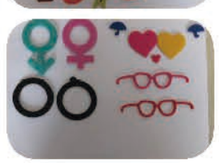




样品图 Samples

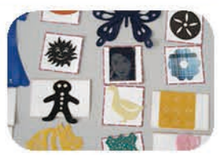














机器特性 /Machine Feature

1、CCD 系列布料激光切割机专为克服布料变形而研发。在摄像定位视觉系统和切割机软件的协同工作下，切割机可以对布料的细微拉伸变形进行全程自动跟踪补偿，确保切割精准无误。全自动摄像定位切割机在工作时通过视觉系统将图案摄入计算机，通过处理后，可以自动搜索工件并准确定位进行切割，避免了用户因为定位不准而疲于应付。
2、由于高端 DSP 技术的强大数据处理能力，机器软件针对性设计以及精密机械系统一丝不苟的配合，在高速运转的情况下，切割直线和曲线毫不变形实现了快速连续曲线切割功能。

● CCD laser machines are specially for deformation of cloth, in the camera positioning visual system and cutting down the software work, CCD laser cutting machine can compensate automatically to pinpoint deformation of the fabric and ensure the accuracy of cutting, the laser cutting machine with automatic camera positioning will search for the work piece which is processed after the picture is imported into the computer by vision system machine, it can prevent the inaccuracy of cutting correctly.
● Because of the powerful DSP technology of high end data processing, specific design and precise machinery software of mechanical system meticulous in high speed operation conditions, cutting line and curves no deformation repaid continuous curvilinear cutting foundation.

机器应用 /Machine Applications

应用材料：布料，制鞋，制衣，纸张，皮革，有机玻璃，亚克力，木头，竹制品，薄膜，帆布等非金属品
应用行业：商标行业，服装业，制鞋业，造纸业，皮革业，广告业，工艺品加工业等

Application Materials: cloth, fabrics, garments, paper, leather, organic glass, acrylic, wood, bamboo, thin film, canvas and other nonmetal materials.
Application Industry: Trademark, clothing, shoes, advertisement, arts and crafts, leather, toys, garments, model, building upholstery, computerized embroidery and clipping, packaging and paper industry.

技术参数 /Technical Parameters

Model 型号	6090	1390	1610	1810
Working area(mm) 加工幅面	600*900	1300*900	1600*1000	1800*1000
Standard Laser power 功率	60W/80W/100W/130W/150W			
Laser type 激光类型	CO2 sealed laser tube, water cooling 封离式水冷却 CO2 激光管			
Camera pixel 摄像头像素	1,300,000/3,200,000/5,000,000　130 万 /320 万 /500 万			
Resolution 分辨率	≤ 4,500 DPI			
Resetting positioning accuracy 定位精度	<0.01mm			
Maximum forming character 最小成型文字	Figure/English 数字 / 字母：1x 1mm 汉字：1.5*1.5mm			
Power supply 电源	220V±10% 50Hz or 110V±10% 60Hz			
Software supported 支持软件	TaJiMa, ArtCut, PhotoShop (Conversion output) 转换输出 CorelDraw, AutoCAD (Direct output) 直接输出			
Main Graphic format supported 支持文件格式	PLT/DXF/DST/BMP/AI etc. (Direct output) 直接输出			
Standard Parts 标准配件	1) Industrial camera 工业相机 2) Honeycomb on knife working table with funnel 蜂窝刀条漏斗 3) Air pump and Exhaust fans 压缩机气泵和风机 4) Standard cooling system 冷却装置 5) Tool box 工具箱			
Optional part 可选配件	1) Double laser heads 双头切割 2) Motorized up and down table 自动升降平台 3) Auto focus 自动对焦系统 4) Red dot positioning 红光定位系统 5) Rotary 旋转轴，圆形工装夹具			
Running Environment 工作环境	温度：0-45° 湿度：5%-95% Temperature: 0-45° , Humidity: 5%-95%			
Warranty 保修期	One year, except consumable parts 一年，耗材除外			
Support 技术支持	by calling or email or training 电话、邮件、或者是现场培训			

Mini Laser Engraving&Cutting Machine
小型迷你激光雕刻切割机 2030/5030/4040









样品图 Samples



机器特性 /Machine Feature

1. 迷你型设备，占用空间少，工艺品行业的最佳选择。
2. DSP 控制软件，高速，稳定，容易操作。
3. 配备高速电机驱动器，运行更稳定，精度更高。
4. 设计新颖，易学好用。
5. 先进的定位装置，各种材料只需要一次定位。

- The mini machine, occupy limited place, the best choice for arts and crafts.
- DSP control software, high speed, stable performance, and easy to operate.
- Be equipped with high-speed motor and driver, which make equipment work more stable and higher accuracy.
- Elegant design, easy to learn and operate.
- With advanced positioning system and any materials engraving easily finished .

机器应用 /Machine Applications

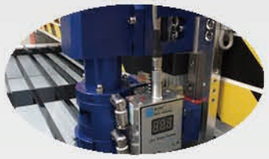
应用材料：木头，竹简，玉器，大理石，有机玻璃，双色板，水晶，塑料，衣服，纸张，皮革，橡胶，陶瓷玻璃，塑料薄膜和其他非金属原料。
应用行业：广告，刻章，工艺品，皮革，玩具，服装，模型，电脑刺绣，和纸业等。

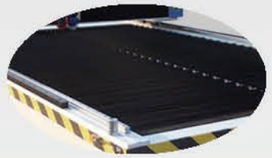
Application Materials: Wood, bamboo, jade, marble, organic glass, double-color sheets, crystal, plastic, garments, paper, leather, rubber, ceramic, glass, film cut and other nonmetal materials.
Application Industry: Advertisement, stamp engraving, arts and crafts, toys, garments, model, building upholster, computerized embroidery and paper cut industry, etc.

技术参数 /Technical Parameters

Model 型号	2030	4030	4040	5030	6040	7050
Working area(mm) 加工幅面	200*300	400*300	400*400	500*300	600*400	700*500
Standard Laser power 功率	40W/50W/60W/80W					
Laser type 激光类型	CO2 sealed laser tube,water cooling 封离式水冷却 CO2 激光管					
Engraving speed 雕刻速度	0-1000mm/s					
Cutting speed 切割速度	0-600mm/s					
Resetting positioning accuracy 定位精度	<0.01mm					
Maximum forming character 最小成型文字	Figure/English 数字 / 字母： 1x 1mm 汉字： 1.5*1.5mm					
Power supply 电源	220V±10% 50Hz or 110V±10% 60Hz					
Software supported 支持软件	ArtCut, PhotoShop (Conversion output) 转换输出 CorelDraw, AutoCAD (Direct output) 直接输出					
Main Graphic format supported 支持文件格式	PLT/DXF/DST/BMP/AI etc. (Direct output) 直接输出					
Standard Parts 标准配件	1) Knife working table with funnel 刀条漏斗 2) Air pump 气泵 3) Exhaust fans 风机 4) Standard cooling system 冷却装置 5) Tool box 工具箱					
Optional part 可选配件	1) Honeycomb worktable for soft material 蜂窝平台 2) Motorized up and down table 自动升降平台 3) Auto focus 自动对焦系统 4) Red dot positioning 红光定位系统 5) Rotary 旋转轴，圆形工装夹具					
Running Environment 工作环境	温度：0-45° 湿度：5%-95% Temperature: 0-45° , Humidity: 5%-95%					
Warranty 保修期	One year, except consumable parts 一年，耗材除外					
Support 技术支持	by calling or email or training 电话、邮件、或者是现场培训					

Laser Metal/Nonmetal Cutting Machine
金属非金属混切机






样品图 Samples



机器简介 /Introduction

1313-1318-1325-1530 machine is a mixing cutting machine, specialized in cutting stainless steel, carbon steel, MDF, die board and wood.
激光混切机专业用于切割不锈钢，碳钢，密度板，亚克力，刀模板和木材 .
High efficiency: The cutting speed of 1mm stainless steel is 30 mm/s.
20mm acrylic with perfect cutting quality.
高效率 对于 1mm 的不锈钢最高速度可以达到 30mm/s, 并且对于 20mm 的亚克力通也可以实现完美的切割效果。
1313-1318-1325-1530 machine is matched with the stepper motor system or Panasonic Servo System and high precision.
机器匹配高速步进电机，混合伺服电机或者原装进口的松下伺服电机和驱动来实现高精度切割。
ball-screw system to ensure the high precision, running stable and long-operation.
The sheet metal is not flat. But the system can sense a distance from the nozzle to the metal surface and follow the surface up and down to automatically adjust the certain focus distance for keeping high precision cutting quality. 滚珠丝杠系统确保机器的高精度，运行稳定和延长使用寿命。如果金属板不是平的。但是系统可以感应到金属表面距离 . 然后上下表面自动调节一定的距离，保持高精度切割来保证质量。
High efficiency, high precision, stable performance and long life.Low running cost about 5KVA/hour.
效率高、精度高、性能稳定、寿命长。低运行成本约 5 千伏安 / 小时。

机器特性 /Machine Feature

Laser tube (150w)High precision ball-screw system 150w 匹配高精度滚珠丝杠
High precision rack and linear guide system 高精度齿条配合直线方轨
Stepper motor Chines servo system or Panasonic Servo System 步进电机，国产混合伺服或松下伺服电机
Untouched following system 非接触式随动系统
Fixed beam optical system 恒定光路系统

适用材料及厚度 /Application　　切割速度 /150W Cutting speed

Laser power 激光功率	RECI Z-6 130W-150W 热刺 Z-6				
Material	Acrylic	MDF	Stainless steel	Carbon steel	Die board
材料	亚克力	密度板	不锈钢	碳钢	刀模板
Cutting thickness 切割厚度	30mm	10mm	1.5mm	1.5mm	30mm

Material 材料	Cutting thickness 厚度	Cutting speed (mm/s) 切割速度
Stainless steel 不锈钢	0.5mm	35-40
	1mm	25-30
	1.5mm	15-20
Carbon steel 碳钢	0.5mm	45-50
	1mm	25-30
	1.5mm	15-20
Acrylic 亚克力	10mm	4-5
	20mm	1.5-2
	30mm	0.5-1
MDF 密度板	5mm	10-12
	10mm	5-8

技术参数 /Technical Parameters

Model 型号	1313	1318	1325	1530
Working area 工作幅面 mm	1300*1300	1300*1800	1300*2500	1500*3000
Laser source 激光器	sealed co2 laser tube Reci Z6 130-150W 封离式 CO2 热刺管 z-6			
Auxiliary air 辅助气体	Nitrogen, Oxygen, air 氮气，氧气，空气			
Laser head 激光头	Follow-up laser head 随动激光头			
Working table 工作台面	Blade 刀条平台			
Position accuracy 复位精度	±0.05mm			
Compatible format 支持格式	BMP, PLT, DST, AI, DXF etc			
Cooling mode 冷却方式	Constant temperature water cooling and protection system 恒温水冷却和保护系统			
Working voltage 工作电压	220V ± 10% 50Hz or 110V ± 10% 60Hz			
Software supported 支持软件	ArtCut, PhotoShop (Conversion output) CorelDraw, AutoCAD (Direct output) 直接输出			
Main Graphic format supported 支持文件格式	PLT/DXF/DST/BMP/AI etc. (Direct output) 直接输出			
Standard Parts 标准配件	1)Knife working table with funnel 刀条漏斗 3) Exhaust fans 风机 5) Tool box 工具箱		2) Air pump 气泵 4) Standard cooling system 冷却装置	
Warranty 保修期	One year, except consumable parts 一年，耗材除外			
Support 技术支持	by calling or email or training 电话、邮件、或者是现场培训			

Fiber laser cutting machine
光纤金属切割机







样品图 Samples



机器特性 /Machine Features

1. 采用世界先进的光纤激光器，固定光路设计，光路免维护，运行成本低，切割质量好，加工效率高；
2. 机床采用龙门式结构，日本伺服电机驱动，配备交换工作台；
3. 进口非接触式高度跟踪系统，反应灵敏、准确，避免因板材“起伏”变化引起的切割质量变化。

- Mechnical structure adopts gantry styles, cross girder and lathe bed are made of welding sturcture
- Its laser cutting CNC control system is easy to learn and simple to operate.
- Its imported AC servo motor-driving system ball adopts screw -transmission and straight line-guiding to ensure the running speed and reliability of the sytstem;
- Its screws and rails adopt the fully enclosed protection device to avoid dust pollution, which improves the lifetime of transmission parts and ensures its motion accuracy

机器应用 /Machine Applications

应用材料：不锈钢、碳钢、合金钢、弹簧钢、铜板、铝板、金、银、钛等金属板材及管材。
应用行业：钣金加工、航空、航天、电子、电器、地铁配件、汽车、机械、精密配件、轮船、冶金设备、电梯、家用电器、工艺礼品、工具加工、装饰、广告、金属对外加工等各种制造加工行业。

Application Materials: Applies to metals welding, cutting and drilling (such as carbon steel, stainless steel, alloy steel, aluminum and its alloy, titanium and its alloy, copper and its alloy, and nickel-Molybdenum alloy,. Also applicable to part of nonmetals, especially for processing sheet metal and the sheet panel.
Application Industry: Applicable to aerospace, mechanical manufacturring, electrical appliances, elevator manufacturing, autombile and the ship, watches and jewelry, tools machining, diamond cutting tools, gear, decoranations and advertising and laser processing services.

技术参数 /Technical Parameters

Model 型号	F1325	F1530	定制机型
Working area 切割范围 (mm)	1300*2500	1500*3000	定制幅面
Laser style 激光器类型	Fiber laser 光纤激光器		
Laser power 激光功率	500w (200-2000w for optional 可选)		
Cutting speed 切割速度	< 36m/min according on materials 视材料而定		
Re positioning accuracy 定位精度	0.03mm		
Min line width 最小线宽	0.1mm		
Cutting Depth 切割厚度	0.2-6mm		
Driving way 驱动方式	Imported Servo Motor and driving 进口伺服电机驱动		
Transmission Way 传动方式	Imported Servo Motor screw and Linear Guide Rail 进口丝杠导轨		
Power Requirements 工作电压	380V/50Hz		
Machine size 机器尺寸	5500*3500*2500mm		
Machine weight 机器重量	3500-5000kgs		

切割厚度和速度参数参考 /Cutting thickness and speed parameters reference

Materials 材料	Thickness 厚度	Speed 速度
Carbon steel (auxiliary Oxygen) 碳钢(氧气辅助)	1mm	10m/min
	2mm	6m/min
	5mm	1m/min
	6mm	0.6m/min
Stainless steel (auxiliary air) 不锈钢 (空气辅助)	0.5mm	20m/min
	0.8mm	10m/min
	1mm	12m/min
	2mm	6m/min
	3mm	1m/min
Galvanized sheet (auxiliary Oxygen) 镀锌板 (氧气辅助)	0.5mm	16m/min
	1mm	10m/min
	2mm	3m/min
	3mm	0.5m/min
Aluminum plate 铝板	1mm	2m/min
	2mm	1m/min
	3mm	0.5m/min
Copper plate 铜板	1mm	1m/min
	2mm	0.5m/min
	3mm	0.1m/min

CNC Wood working machine
木工雕刻机





样品图 Samples



Fiber Laser marking Machine
光纤激光打标机





样品图 Samples



技术参数 /Technical Parameters

Model 型号	1325/2030/2040
X.Y.Z working area 加工幅面	1300*2500*200mm/2000*3000*200mm/2000*4000*200mm
X.Y.Z Traveling positioning accuracy 定位精度	±0.03/300mm
X.Y.Z Re-positioning accuracy 重复定位	±0.03mm
X.Y Structure XY 轴结构	Rack, pinion and guide rails 齿条轴承和导轨
Z Structure Z结构	Ball screw and guide rails 丝杠和导轨
Inverter 变频器	3.0KW- 6.0KW
Table surface 台面	Aluminum T slot 铝T型材
Max rapid travel rate 最高转速	30000mm/min
Max working speed 加工速度	20000mm/min
Spindle cooling 主轴冷却	Water-cooling 水冷
Spindle power 主轴功率	3.2KW-5.5KW
Spindle speed 主轴速度	6000-24000RPM
Working voltage 工作电压	AC220V/50/60Hz
Command language 雕刻指令	G Code
Operating system 操作系统	NC studio system 维宏系统
Computer interface 接口	USB
Software compatibly 软件兼容	Type3/Artcam/Artcut/Ucancam/JD paint etc software
Working environment 工作环境	0-45°C、30%-75%
Option parts 可选配件	Vacuum suck (water cooled pump) 真空吸附 Dust collector 粉尘清洁器

技术参数 /Technical Parameters

Model 型号	F10	F20	F30	F50
Wavelength 波长	1064nm			
Repetition frequency 频率	20KHz~100KHz			
Laser power 功率	10W	20W	30W	50W
Marking scope 打标幅面	70*70 /100*100 /200*200mm/300*300mm			
Laser sources 激光电源	Fiber module 光纤模块			
Laser Head 激光头	Scanning head 扫描镜			
Minimal character 最小文字	0.01mm			
Marking speed 打标速度	≤ 7000mm/s			
Repeated accuracy 定位精度	0.0025mm			
Cooling method 冷却方式	Force-air Cooling 风冷却			
Power supply 工作电压	220V/ 50Hz/2KVA			
Support format 支持文件格式	PLT, BMP, DXF, JPG, TIF, AI etc			

YAG Laser marking Machine
半导体激光打标机





样品图 Samples



技术参数 /Technical Parameters

Machine Model 型号	DP50, DP75, DP100
Laser Wavelength 激光波长	1064nm
Maximum Laser Output Power 功率	50w, 75w, 100w
Marking Scope 打标范围	70mm*70mm, 100m*100m, 200mm*200mm, 300mm*300mm
Marking Depth 打标深度	0.02-1mm depending on material 视材料而定
Minimum Line Width 最小线宽	0.01mm
Minimum Characters 最小成型字	0.2mm
Linear Marking Speed 打标速度	≤ 7000mm/s
Repeatability 定位精度	±0.002mm
Cooling method 冷却方式	Water Chiller 水冷机
Total Power 总功率	≤ 2.5kw
Power supply 工作电压	220V±10%, 50Hz, 16A/24A/30A

CO2 Laser Marking Machine/
CO2 激光打标机





样品图 Samples



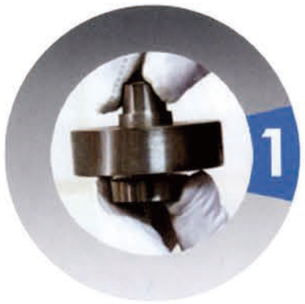
技术参数 /Technical Parameters

Type 型号	M-10W	M-30W	M-50W	CO2-60W	CO2-80W	CO2-100W
Laser Power 功率	10W /30W/50W/60W/80W/100W					
Laser Wavelength 波长	1064nm					
Working area 加工幅面	100mm*100mm/220mm*220mm/300mm*300mm					
Cooling Model 冷却方式	Air cooling/water cooling					
Marking depth 打标深度	≦ 0.3mm					
Linear Speed 加工速度	≦ 7000mm/s					
Min. Line Width 最小线宽	0.03mm					
Min. Letter 最小成型文字	0.2mm					
Max. scanning Precision 分辨率	2500DPI					
Repeatable Accuracy 定位精度	≤ ±0.01mm					
Gross Power	1KW-3KW					
Power supply	220V/50Hz/10A/25A					

中国梦，激光梦
CHINA DREAM, LASER DREAM

Every piece of the part is picked out elaborately
Every procedure is carried out in real eamest
Every set of our machine is tested completely and repeatedly
每一个部件都经过精心地挑选
每一个流程都经过认真地执行
每一台机器都经过千锤百炼地测试





1.Parts full testing
We carry out 100% quality check for Our incoming parts, to avoid any unconforming parts from entering into next step.
1、100%的物料全检
我们对所有的部件实行100%全检，杜绝任何不合格的部件流入下一个环节

2.Laser tubes testing
Every piece of laser tube and laser power supply are tested with power on-off status for at least 8 hours(strict testing standard for)the beam quality and laser power).
2、激光器的检测
每一支激光管和每一个激光电源都要经过8个小时的开断功率测试(对光束质量与激光功率有严格的检测标准)





3.Mainboards and power supply testing
Aging testing for the mainboards and laser power supply in an oven at 50Degree centigrade for at least 4 hours.
3、主板电源的测试
在温度为50摄氏度的烤箱里对主板和激光电源进行最少4小时的老化测试

4.Guide rails and guide Supports testing
Adjust the flatness, distortion and Straightness of the guide rail and the guide supports.Put the guide rails and guide supports on the marble table,and test with a dial indicator to make sure the tolerance is less than 0.05mm/m.
4、导轨、方通的测试
检验导轨、方通的平面度、扭曲度和直线度。将方通、导轨放在大理石平台上面，用百分表校对，公差大于0.05mm/m为不合格



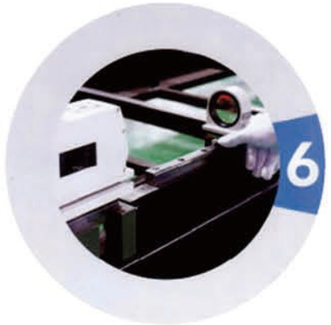
5. Transmtting parts testing
Check if the synchronous wheels and bearings are homocentric,turning flexibly, smoothly and the flopping error should be ≤0.02mm.
5、传动部件的测试
检查同步轮与轴承是否同心，转动灵活顺畅，跳动误差≤0.02mm



7. Production process control
Product inspectors' round quality check in the manufacturing to control Installation quality, mainly to check if the mechanical and electrical components,circuit are accordant with drawing requirements or not, and rectificate timely upon identifying problenms.

6、准直仪测试
导轨直线度、平面度、垂直度的测量方法用1401型双向精密自准直仪测绘

6. Testing by autocollimator
The straightness,flatness and verticality of the guide rail are measured by Model 1401 two-dimensional precise autocollimator.





7、过程控制
在制造过程中通过品检员巡检方式来控制安装质量，主要检查机械零件与电气零件，线路是否符合图纸的安装要求，如有发现问题及时整改



8. Final testing before delivery
Each equipment is tested by cutting Samples to check the uprightness and specifications before delivery ,error allowed is ±0.1mm.
Cutting circles of 2mm in diameter at the speed of 35mm/s distortion.

8、出厂终检
每台设备出厂前都要作试样切割，切割精度为+0.1mm，以测试其垂直度及尺寸误差。以35mm/s的速度切割走私为2mm的小圆要求不变形

免责条款
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We have checked the contents carefully and be free form any responsebility if there are mistakse caused by misprinting.
We reserve the right to change the product design and is subject to changing without notice.

全球销售网络示意图 /GLOBAL SALES NETWORK SKETEH MAP

