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# 智能激光解决方案

## INTELLIGENCE LASER SOLUTION

非金属切割系列



### 东莞市合力激光设备有限公司

Dongguan City Heli Laser Equipment Co., Ltd

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Anshan Heli Laser Equipment Co., Ltd

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服务电话 : 4006416888 网址: [www.helilaser.com](http://www.helilaser.com)

激光设备制造领域先进制造技术的实践者  
Practitioner of advanced manufacturing technology for laser equipment

一站式激光应用工艺解决方案的开拓者  
Pioneer of one-stop laser application technology

客户利益的坚定守护者  
Steadfast guardian of customer benefit

中国民族激光产业的支柱企业  
Mainstay enterprise of China's national laser industry

高品质工业激光设备的大型专业制造商  
Large professional manufacturer of high-quality industrial laser equipment

——合力激光——  
——Hoolylaser——

## 合力旗下公司 (Hooly subsidiary):

- 东莞合力 (Dongguan city helilaser)
- 鞍山合力 (Anshan helilaser)
- 东莞力城智联 (Dongguan city leyend)
- 东莞优纳特 (Dongguan city unite)

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客户为本 服务为先

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## C 企业简介 Company Introduction

东莞市合力激光设备有限公司是一家专业从事激光技术应用开发的企业，也是国内较早致力于激光设备研发、生产、销售光、机、电一体化高新技术设备的现代化独资企业。公司位于国际制造业名城——广东省东莞市，依托珠三角发达的轻工机械、电子产品制造业的优势和人才优势，致力于高科技成果的转化和激光产业化发展。

合力激光现已拥有数千平米的生产基地，并在鞍山自主建起占地两万平方米的现代化的研发中心和实验室。公司拥有员工150余人，大专以上学历100余人，拥有多年激光设备开发制造经验的工程师30余人、教授职称技术顾问5人；现已成为国际大型激光设备制造企业。产品远销东亚、东南亚、欧洲、中东、北美等区域，经公司营销团队多年努力HOOLY品牌在国内，国际市场已拥有一定影响力。

东莞市合力激光有限公司是一家专业致力于切割创新自动化激光设备的研发，生产为一体的高新技术企业，在东莞市万江区开设了第三间分工厂，注册了力城智联，奥卡特，优纳特等多个品牌。

鞍山合力激光坐落在辽宁激光科技产业园，辽宁激光科技产业园位于鞍山高新区内，规划打造年销售收入1000亿元的国家级激光产业基地，辽宁激光科技产业园与哈工大（鞍山）工业技术研究院、华科大等科研院所深度合作，建立哈工大（鞍山）工业技术研究院、华科大国家激光工程研究中心，为成果转化和高端人才聚集提供平台；形成工业激光产业、纺织激光产业、创意激光产业及医疗激光产业。

公司以科技转化为核心竞争力，以振兴民族激光为经营目标，以厚于德、诚于信、敏于行为企业文化，采用国际化现代化的营销手段开拓市场。不懈努力争取成为现代化的民族激光航母。

Dongguan City Heli Laser Equipment Co.,Ltd.is a professional enterprise engaged in the Laser Technology's Application and Development.Also is the earliest Modern enterprise who committed to develop produce and sale the laser equipment with High technology Which integrated the Optical,mechanical and electrical.

Helilaser Company is located in the famous international manufacturing city-Dongguan city of Guangdong province,relying on the pearl river delta's advanced light industrial machinery,the advantages of the electronics product manufacturing industry and the advantages of the varous talents.Helilaser company devoted to trantages of the varous talents.Helilaser company devoted to transform the high-tech achievements and develop the Laser equipments industrialization.

Helilaser company covers more than three thousands of square meters production space.Also Possess R&dcenter and laboratory which covers more than 20000 Square meters area.She has 150 staff,more than 100 staff with college degree or above,30 engineer with many years of experience in develop and design the laser equipments.5professor title ttechnical advisr.

Now Helilaser company has developde as China's one of the large-scale international laser equipment factory.Their Products are exported to east Asia,southeast Asia,Europe,Middle East,North America and many other countries.With many years of hard work,HOOLY brand has got many customer's high praise and make a certain influence all over the world.

Dongguan Heli Laser Co., Ltd. is a high-tech enterprise specialized in research and development and production of innovative and automatic laser equipment. It has set up the third sub-factory in Dongguan Wanjiang District, registered the Legend,Oucut,Unite,and other brands.

Anshan Heli laser is located in Liaoning laser science and technolohy industrial park,Liaoning laser science and technology industrial park is located in anshan high-tech zone,planning makes the annual sales income is 100 billion yuan the national laser industry base,laser science and technology industrial park in liaoning university and Harbiin Univeersity of technology,The Huazhong Universith of Science and Technology,such as scientific research institutes,set up Harbin University of technology(anshan)o of industrial technology research institute,The Huazhong University of Science and Technology research center,laser at hkust for achievements and high-eng talent gathered platform;forming industrial laser industry,textile industry,cteative laser industry and medical laser industry.

Helilaser Company view technology as the core competitiveness,view Revitalization of the nation's Laser technology



## 科技领先 铸就行业高端典范

Leading Technology Created a Model of Hight-end Industry

目前，公司已拥有多项发明和专利，荣获国家高新技术产品、中国制造网认证供应商、中国AAA级重质量守信用企业等多项称号。凭借持续不懈的科技创新、精益求精的质量管理，我司已通过SGS、ISO9001质量控制体系，同时公司主要产品均已通过欧盟CE以及美国FDA认证。

At present, our company has a number of inventions and patents, won the National high-tech products, China manufacturing network certified suppliers, China AAA-quality and trustworthy enterprises with a number of titles. With the relentless scientific and technological innovation, better quality management, our company has passed SGS, ISO9001 quality control system, while the company's main products have passed the European Union CE and the US FDA certification.





## 合力激光·非金属切割系列 HOOPLY LASER • non-metal laser cutting machine

|| 优秀的研发制造能力，造就卓越产品！  
Superior R&D;excellent products!

HL-C系列单头激光切割机  
HL-C single heads laser cutting machine serious

本品适用于皮革、布料、环氧树脂、木制品、纸张、亚克力、毛料、塑料、橡胶、竹制品等非金属金属材料。

This kinds of model apply to: leather doth . resin . Wood . paper, acrylic . woolens . plastic . aibber, bamboo and other non-metal material.



HL-T系列多头激光切割机  
HL-T multiple heads laser cutting machine serious

本品适用于皮革、布料、环氧树脂、木制品、纸张、亚克力、毛料、塑料、橡胶、竹制品等非金属金属材料。

This kinds of model apply to: leather doth . resin . Wood . paper, acrylic . woolens . plastic . aibber, bamboo and other non-metal material.



HL-2516M系列自动送料  
HL-2516M automatic feeding laser cutting machine serious

专业用于大幅面的服装、毛毡、皮革等大面积自动送料的切割，及刀模、建筑模型、家具等大功率切割雕刻。

Professional for large-format clothing, wool, leather and other automatic feed cutting large area, and the knife mold, building model, furniture and other high power cutting engraving



HL-1815系列自动送料  
HL-1815 automatic feeding laser cutting machine serious

专业用于木制品、纸张、皮革、布料、有机玻璃、环氧树脂、亚克力、毛料、塑料、橡胶、瓷砖、水晶、玉石、竹制品等非金属金属材料。

Professional for Wood . paper . leather . cloth . organic glass . resin . acrylic . Wool fabric . plastic . rubber . ceramic tile . Crystal . bowlder bamboo and other non-metal material.



HL-P系列小幅面摄像定位切割机  
HL-P Small-format camera position laser cutting machine

本品适用于布料、皮革、毛料、有机玻璃、橡胶、木制品等非金属金属材料。

This kinds of model apply to: Leather wool fabric, cloth, plexiglass, rubber, wooden products and other non-metal material.



HL-1815H大幅面摄像定位自动送料  
HL-1815H large-format camera position automatic feeding laser cutting machine serious

本类机型适用于数码印花、电脑绣花布料、鞋材、骑行服面料、沙滩服面料、LED灯装饰布、节日服装、毛绒玩具等材料。

Suitable for digital pinting materials, computerized embroidery fabrics, shoes materials, cycling jersey fabric, beachwear fabric, LED light decoration fabric, holidaywear fabric, stuffed toy...etc



HL-2513K激光裁床  
HL-2513K Laser Cutting Bed

本品适用于木制品、纸张、皮革、布料、有机玻璃、环氧树脂、亚克力、毛料、塑料、橡胶、瓷砖、水晶、玉石、竹制品等非金属金属材料。

This kinds of model aPD<v to: Wood . paper, leather, doth . organic glass . resin . acrylic . woolens . plastic . rubber, ceramic tile . Crystal, bowldef bamboo and other non-metal material.



升降平台/旋转夹具  
Up-down work/table/rotary

专业用于工艺品、乐器切割、生活用品等，比如笔筒、水晶棒、灯具、椰子、笛子等

Specially used for arts and crafts, instruments, Daily - use articles rSuch as brush holder, crystal rods, lamps and lanterns, coconut shell, bamboo flute, etc.





HL-C系列单头激光切割机  
HL-C single heads laser cutting machine serious



扫码观看视频



产品应用  
Product application

- 本类机型机器适用于服装绣花、皮革制品、竹木制品、电子电器、模型、工艺品、广告、包装印刷、纸制品等行业  
This kinds of model apply to cloth, leather, tabuctoy, electronics and electronic appliance, model, crafts gift, the advertising, package printing, paper products industry.

适用材料  
Applicable Materials

- 本品适用于皮革、布料、环氧树脂、木制品、纸张、亚克力、毛料、塑料、橡胶、竹制品等非金属材料。  
This kinds of model apply to: leather doth, resin, Wood, paper, acrylic, woolens, plastic, aibber, bamboo and other non-metal material.



性能指标参数  
Technical Specification

产品型号/Machine model	HL-C系列
激光类型/Laser type	Co2激光器/Co2 laser tube
激光功率/Laser power	80W/100W/130W/150W
雕刻面积/Engraving area	900*600mm, 1000*800mm, 1400*1000mm, 1600*1000mm, 1800*1000mm
雕刻速度/Engraving speed	0-1500mm/s
切割速度/Cutting speeds	0-800mm/s
重复精度/Repeating locating	±0.05mm
运动系统/Moving system	CNC控制系统/CNC controlling units
工作电压/Working vilttage	220±10%50HZ
整机功率/Whole power	<1500W
工作温度/Operating temperature	0°C-45°C
控制软件/Controlling software	正版合力激光软件/Original helilaser software
支持格式/Graphic format supported	BMP PLT AI DXF DST

产品特点  
Product features

- 美国进口电机，配精密同步系统，切割速度快，精度高。
- 可选配蜂窝平台，刀条平台，并配下吸风，配空压系统切口齐整不发黄。
- 进口激光镜片，光斑细，切口好，功率大，不易老化脱膜
- 软件支持AI、PLT、BMP、JPG、DXF、DST多种格式，无缝兼容CorelDRAW、CAD、PHOTOSHOP，等图文软件，方便操作
- 运行速度，激光能量实时可调，极大地方便了客户的操作。
- 切割能量自动补偿功能，切割效果得到极大改善
- 采用LAN接口，双向通讯，提高传送速度和准确性；可实现一台电脑控制多达254台
- U.S.A imports of motor, with high precision synchronization system, cutting speed, high precision.
- Optional cellular platform, knife strip platform, and with under suction, neat incision with compressed air system is not yellow.
- The import of laser lens, spot small, cut is good, power, difficult to aging Stripping
- Software support, AI, PLT, BMP, JPG, DXF, DST multiple formats, seamless compatibility CorelDRAW, CAD, PHOTOSHOP, and other graphic software, easy operation
- Speed, real-time tunable laser energy, greatly facilitate the operation of the customer.
- Cutting power automatic compensation function, the cutting result are improved
- A LAN interface, two-way communication, to improve transmission speed and accuracy; allows a computer to control up to 254 laser equipment, greatly reduces the user cost of investment.



HL-T系列多头激光切割机  
HL-T multiple heads laser cutting machine serious



扫码观看视频



产品应用  
Product application

- 本类机型机器适用于服装绣花、皮革制品、竹木制品、电子电器、模型、工艺品、广告、包装印刷、纸制品等行业  
This kinds of model apply to cloth, leather, tabuectoy, electronics and electronic appliance, model, crafts gift, the advertising, package printing, paper products industry.

适用材料  
Applicable Materials

- 本品适用于皮革、布料、环氧树脂、木制品、纸张、亚克力、毛料、塑料、橡胶、竹制品等非金属材料。  
This kinds of model apply to, leather doth, resin, Wood, paper, acrylic, woolens, plastic, aibber, bamboo and other non-metal material.



性能指标参数  
Technical Specification

产品型号/Machine model	HL-T系列
激光类型/Laser type	Co2激光器/Co2 laser tube
激光功率/Laser power	80W/100W/130W/150W
雕刻面积/Engraving area	1400*1000mm, 1600*1000mm, 1800*1000mm
雕刻速度/Engraving speed	0-1500mm/s
切割速度/Cutting speeds	0-800mm/s
重复精度/Repeating locating	±0.05mm
运动系统/Moving system	CNC控制系统/CNC controlling units
工作电压/Working vilttage	220±10%50HZ
整机功率/Whole power	<1500W
工作温度/Operating temperature	0°C-45°C
控制软件/Controlling software	正版合力激光软件/Original helilaser software
支持格式/Graphic format supported	BMP PLT AI DXF DST

产品特点  
Product features

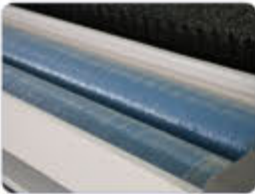
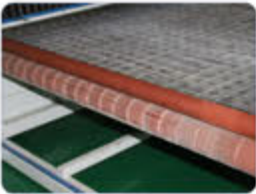
- 特殊的机械结构，激光头位置可随意调节，双头工作，使得工作效率成倍增长，也可单头工作，操作方便；
  - 最新的合力操作软件，可分别控制两个激光头的功率，可使两个激光头切割效果完全一样；
  - 大功率激光器，并配有全进口双光路反射系统，最大减少光的损耗，保证切割深度一致；
  - 配置进口双导轨，三相电机、三相驱动器，使设备运行更加稳定；
  - 采用独特的智能预测算法和改进型的控制算法，确保平衡、高效加工。
- Special, mechanical structure, laser location of the first free-conditioning, Double the work, so doubling the efficiency, but also the first single, convenient operation
  - The latest HE LI operating software, which can control two of the first laser power, will enable two laser cutting head is fully consistent results
  - High power lasers, and a double-wide imports of optical reflector system, the largest reduction of optical reflector system, the largest reduction of optical loss, ensuring consistent cutting depth
  - Configuration import dual-three-phase motors, three-phase drive, the more stable operating equipment
  - Using a unique intelligent prediction algorithm and improved control algorithms, to ensure a balanced and efficient processing.



HL-2516M系列自动送料裁床  
HL-2516M automatic feeding laser cutting bed



扫码观看视频

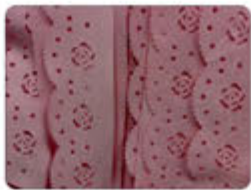


产品应用  
Product application

- 本类机型适用于服装绣花、皮革制品、竹木制品、电子电器、模型、帐篷、雨伞、窗帘、玩具和地毯等行业。  
This kind of machine is suitable for clothing embroidery, leather products, wood products, electronic appliances model, tents, umbrellas, curtain, toys, carpet industry.

适用材料  
Applicable Materials

- 专业用于大幅面的服装、毛毯、皮革等大面积自动送料的切割，及刀模、建筑模型、家具等大功率切割雕刻。  
Professional for large-format clothing, wool, leather and other automatic feed cutting large area, and the knife mold, building model, furniture and other high power cutting engraving



性能指标参数  
Technical Specification

产品型号/Machine model	HL-2516M
激光类型/Laser type	Co2激光器/Co2 laser tube
激光功率/Laser power	80W、100W、130W、150W
雕刻面积/Engraving area	1600*1000mm, 1800*1000mm, 1800*1500mm, 2500*1600mm
雕刻速度/Engraving speed	0-1500mm/s
切割速度/Cutting speeds	0-800mm/s
重复精度/Repeating locating	±0.05mm
运动系统/Moving system	CNC控制系统/CNC controlling units
工作电压/Working vilttage	220±10%50HZ
整机功率/Whole power	2350W
工作温度/Operating temperature	0°C-45°C
控制软件/Controlling software	正版合力激光软件/Original heli   aser software
支持格式/Graphic format supported	BMP PLT AI DXF DST

产品特点  
Product features

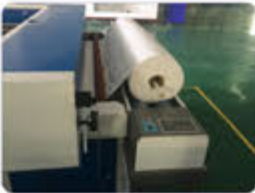
- 采用飞行光路结构，CO2激光发生器由国内性能最好的厂商提供，稳定性高激光反射聚焦镜片采用原装进口镜片，大大降低激光功率在传输过程中的衰减。
- 采用恒温工业冷却水循环系统，延长激光管寿命的同时也更加确保了激光功率的稳定，保证激光刀模的切缝均匀。
- 运行速度、激光能量实时可调，极大地方便客户操作。
- 采用分色切割、雕刻，可在同一文件下设置多个加工参数，提高加工工艺
- 采用高性能的激光雕刻切割控制平台—CA控制系统
- 运行速度，激光能量实时可调，极大地方便了客户的操作
- Using four flight –path structure, CO2 laser generator best performance by the domestic manufacturers to offer high stability .Confocal laser lens reflex Singapore imported fully using lenses and greatly reduce transmission of laser power in the process of attenuation
- Thermostat using cooling water circulation system of industrial extension of the laser tube life but also to ensure a more laser power stability ,and ensure that the laser Cutting Die knife uniform
- Real-time power and speed adjust ,convenient for customer to operating
- Use multicolor for cutting and engraving ,setting different parameters in the same file ,improve the processing technology
- Use the laser industry's most advanced control system --CA-control system
- Operational speed ,laser energy real-time tunable ,and very easy for customers to operate



HL-M系列自动送料  
HL-M automatic feeding laser cutting machine serious



扫码观看视频



产品应用  
Product application

- 本类机型适用于服装绣花、皮革制品、竹木制品、电子电器、模型、帐篷、雨伞、窗帘、玩具和地毯等行业。  
This kind of machine is suitable for clothing embroidery, leather products, wood products, electronic appliances model, tents, umbrellas, curtain, toys, carpet industry.

适用材料  
Applicable Materials

- 本品适用于木制品、纸张、皮革、布料、有机玻璃、环氧树脂、亚克力、毛料、塑料、橡胶、瓷砖、水晶、玉石、竹制品等非金属材料。  
Professional for Wood, paper, leather, cloth, organic glass, resin, acrylic, Wool fabric, plastic, rubber, ceramic tile, Crystal, bowlder bamboo and other non-metal material.



性能指标参数  
Technical Specification

产品型号/Machine model	HL-1610M/1810M/1815M
激光类型/Laser type	Co2激光器/Co2 laser tube
激光功率/Laser power	80W、100W、130W、150W
雕刻面积/Engraving area	1600*1000mm/1800*1000mm/1800*1500mm
雕刻速度/Engraving speed	0-1500mm/s
切割速度/Cutting speeds	0-800mm/s
重复精度/Repeating locating	±0.05mm
运动系统/Moving system	CNC控制系统/CNC controlling units
工作电压/Working vilttage	220±10%50HZ
整机功率/Whole power	1250W
工作温度/Operating temperature	0°C-45°C
控制软件/Controlling software	正版合力激光软件/Original heli   aser software
支持格式/Graphic format supported	BMP PLT AI DXF DST

产品特点  
Product features

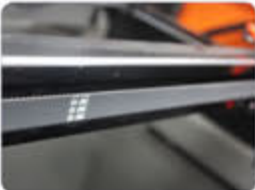
- 移动平台加自动送料架，对柔性材料的加工更方便快捷
- 在送料装置不工作的情况下和普通激光裁剪机一样使用
- 采用条状输送平台，使平台的平整度更高
- 采用高性能的激光雕刻切割控制平台—CA控制系统，采用独特的智能预测算法和改进型的控制算法，确保加工平稳、高效
- 运行速度，激光能量实时可调，极大地方便了客户的操作
- 切割能量自动补偿功能，切割效果得到极大改善
- The mobile platform and automatic feeding are more efficient and convenient for processing flexible materials.
- The working process si same as normal SPIN machine if the feeding device does not work
- The strip-transmission platform to insure more planeness
- Use the most advanced control system for laser industry —ca-control system, Unique intelligent predictive algorithm and improved control algorithm to insure that processing speed, smooth and efficient
- Operational speed, laser energy real-time tunable, and very easy for customer to operate
- Cutting energy automatic compensation function, cutting greatly improved result



HL-P系列小幅面摄像定位切割机  
HL-P Small-format camera position laser cutting machine



扫码观看视频



产品应用  
Product application

- 本类机器适用于商校织唛、服装皮革、布制玩具、电脑绣花裁剪、模板切割、纸制品等行业  
This type of machine applicable to trademark woven mark thie wearing leather.cloth toys,computer embroidery cutting,template cutting.paper products industry.

适用材料  
Applicable Materials

- 本品适用于布料、皮革、毛料、有机玻璃、橡胶、木制品等非金属材料  
This kinds of model apply to. Leather wool fabric,cloth,plexiglass,rubbetwooden products and other non-metal material.



性能指标参数  
Technical Specification

产品型号/Machine model	HL-P系列
激光类型/Laser type	Co2激光器/Co2 laser tube
激光功率/Laser power	60W、80W、100W、130W
雕刻面积/Engraving area	600*400mm, 900*600mm, 1000*800mmx 1200*800mm
雕刻速度/Engraving speed	0-1500mm/s
切割速度/Cutting speeds	0-800mm/s
重复精度/Repeating locating	±0.05mm
运动系统/Moving system	CNC控制系统/CNC controlling units
工作电压/Working viltage	220±10%50HZ
整机功率/Whole power	≤1500W
工作温度/Operating temperature	0°C-45°C
控制软件/Controlling software	正版合力激光软件/Original helilaser software
支持格式/Graphic format supported	BMP PLT AI DXF DST

产品特点  
Product features

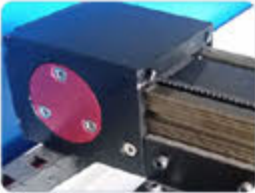
- 在摄像定位视觉系统和计算机软件协同工作下，P系列切割机可以对布料的细微拉伸变形进行全程自动跟踪补偿，确保切割精准无误。用户当然可以高枕无忧；
- 时间就是效益，最短切割路径的软件设计，是P系列全自动摄像定位切割机处处为用户着想的一个亮点，和没有最短路径的软件设计相比，提高约10%~20%的效益；
- 快速连续曲线切割功能的实现，是由高端DSP技术的强大数据处理能力、计算机软件针对性设计以及精密机械系统一丝不苟的配合，在调整运转的情况下，切割直线毫不变形，切割曲线绝不失真。
- Visual positioning of the camera system and the computer software to work together,P Series machine can cut right fabric tensile deformation of the finer automatic tracking the entire process of compenstation to ensure that accurate and truthful cutting.Of couses, uwwers can sit back and relax;
- Time is the shhortest path cuts the efficiency and effectiveness of the software design are P series of automatic cutters theree for camreas is of luminous point.and no shortest path of software design.the average cut about 10%-20%of the working hous.to increase by 10-20%profit;
- The equipment is very light and handy saving the room and easy to operate.Radio frequency laser instrument with stable laser power and long life imported rom USA perfect the optic system. There is infer-red ray alignment instrument for previewing the poosition and cutting;
- 高性能的美国射频激光管，完善光学系统，激光功率稳定，寿命长。有红光指示器，便于定位及切割预览；
- 高精度步进马达驱动，精密的同步皮带和带轮传动，保证调整运动及精度。
- 具有废料收集箱，清理切割废料更加便利；
- 采用先进的DSP控制技术，能实现快速连续的曲线切割；
- 软件性能优越，具有合并相连线功能，确保曲线节点自动结合功能；具有折线光滑处理功能，保证切割接缝处光滑平整；多种工作方式（雕刻、切割、打微孔等）可同时输出；可接受DXF、PLT、BMP、AI、JPG等通用文档；路径优化，图形设计完毕，自动生产最佳路径，节省工作时间。
- High precision stepping motor driver,exact stepping belt and wheel driving with high quality,insure high speed moving and precision;
- With waste material gathering box,yt ys more convenient to clear up the waste materials;
- Adopting the most advanced DSP control technology to ensure the high speed and continuous curve cutting;
- Superiority of software performance:The function of unite the curvilinear nodes be matched automatically;
- The function of smoothing the corner to ensure the smooth cutting juncture;Can export some working like engraving/cutting small holes;Supports DXF、PLT、BMP、AI、JPG and many kinds of documents form;Excel lent method, after the picture designed, produce the best method automatically,save working time.



HL-1815H大幅面摄像定位自动送料  
HL-1815H large-format camera position automatic feeding  
laser cutting machine serious



扫码观看视频



产品应用  
Product application

- 本类机型适用于服装、印花箱包、鞋子、家居用品、织带商标，文化广告等行业。  
Application for fabric industries, bag printing industries, shoes making industries, household products industries, ribbon logo industries, cultural advertising industries...etc

适用材料  
Applicable Materials

- 本类机型适用于数码印花、电脑绣花布料、鞋材、骑行服面料、沙滩服面料、LED灯装饰布、节日服装，毛绒玩具等材料。  
Suitable for digital printing materials, computerized embroidery fabrics, shoes materials, cycling jersey fabric, beachwear fabric, LED light decoration fabric, holidaywear fabric, stuffed toy...etc



性能指标参数  
Technical Specification

产品型号/Machine model	HL-1815H
激光类型/asertype	Co2激光器/Co2 laser tube
激光功率/Laser power	80W、100W、130W、150W
雕刻面积/Engraving area	1600*1000mms 1800*1000mm, 1800*1500mmv 2500*1600mm
雕刻速度/Engraving speed	0-1500mm/s
切割速度/Cutting speeds	0-800mm/s
重复精度/Repeating locating	±0.05mm
运动系统/Moving system	CNC控制系统/CNC controlling units
工作电压/Working vilttage	220±10%50HZ
整机功率/Whole power	2350W
工作温度/Operating temperature	0°C-45°C
控制软件/Controlling software	正版合力激光软件/Original helilaser software
支持格式/Graphic format supported	BMP PLT AI DXF DST

产品特点  
Product features

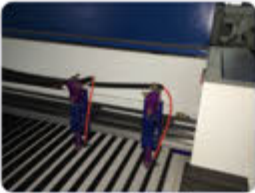
- 全自动寻边切割，切边光滑，产品质量提高
- 智能处理变形匹配，高温锁边不抽丝
- 定位精度1毫米以内,1.8米幅面内图形秒级识别；
- 柔性材料专用的自动收送料功能，实现全自动化的连续生产，多种送料平台选择，配合负压吸附系统，送料精度可达1mm
- 智能排版系统，搭配自动送料装置,连续加工，无需人工打版，最大限度节省材料
- Auto recognizing shape cutting. Smooth cutting edge, Improving the products quality
- Intelligent graphic distortion processing, High tempreture fabric overlooked
- Locating accuracy within 1 mm, 1.8m format sub-second recognizing
- Exclusive auto feeding function for soft material which can be achieved the continuous fully automated production and also different kinds of feeding platform for options.The feeding accuracy can be reached ±1mm with the negative pressure adsorption system.
- Matching the Intelligent Nest System with the auto feeding conveyor can relize continuous process without manual making paperpatterns to maximize cost saving.



HL-2513K激光裁床  
HL-2513K Laser cutting bed



扫码观看视频

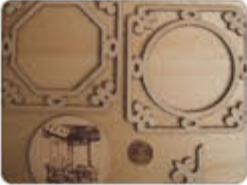


产品应用  
Product application

- 本类机型机器适用于服装绣花、皮革制品、竹木制品、电子电器、模型、工艺品、广告、包装印刷、纸制品等行业  
This kinds of model apply to cloth, leather, tabuectoy, electronics and electronic appliance, model, crafts gift, the advertising, package printing, paper products industry.

适用材料  
Applicable Materials

- 本品适用于木制品、纸张、皮革、布料、有机玻璃、环氧树脂、亚克力、毛料、塑料、橡胶、瓷砖、水晶、玉石、竹制品等非金属材。  
This kinds of model apply to: Wood, paper, leather, cloth, organic glass, resin, acrylic, woolens, plastic, rubber, ceramic tile, Crystal, bamboo and other non-metal material.



性能指标参数  
Technical Specification

产品型号/Machine model	HL-2513K
激光类型/Laser type	Co2激光器/Co2 laser tube
激光功率/Laser power	130W、150W、300W
雕刻面积/Engraving area	2500*1300mmN 2500*1600mmx 2500*1800mm
雕刻速度/Engraving speed	0-1500mm/s
切割速度/Cutting speeds	0-800mm/s
重复精度/Repeating locating	±0.05mm
运动系统/Moving system	CNC控制系统/CNC controlling units
工作电压/Working voltage	220±10%50HZ
整机功率/Whole power	≤1500W
工作温度/Operating temperature	0°C-45°C
控制软件/Controlling software	正版合力激光软件/Original helilaser software
支持格式/Graphic format supported	BMP PLT AI DXF DST

产品特点  
Product features

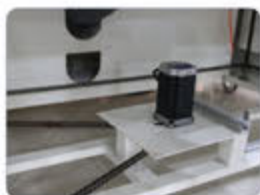
- 美国进口电机，配高精密同步系统，切割速度快，精度高；
- 可选配蜂窝平台，刀条平台，并配下吸风，配空压系统切口整齐不发黄；
- 进口激光镜片，光斑细，切口好，功率大，不易老化脱膜；
- 软件支持AI、PLT、BMP、JPG、DXF、DST多种格式，无缝兼容CorelDRAW、CAD等图文软件，方便操作；
- 运行速度，激光能量实时可调，极大地方便了客户的操作，切割能量自动补偿功能，切割效果得到极大改善；
- 采用LAN接口，双向通讯，提高传送速度和准确性。
- U.S.A imports of motor, with high precision synchronization system, cutting speed, high precision.
- Optional cellular platform, knife strip platform, and with under suction, neat incision with compressed air system is not yellow.
- The import of laser lens, spot small, cut is good, power, difficult to aging Stripping
- Software support, AI, PLT, BMP, JPG, DXF, DST multiple formats, seamless compatibility CorelDRAW, CAD and other graphic software, easy operation
- Speed, real-time tunable laser energy, greatly facilitate the operation of the customer. cutting power automatic compensation function, the cutting result are improved
- A LAN interface, two-way communication, to improve transmission speed and accuracy.



升降平台/旋转夹具  
Up-down work/table/rotary



扫码观看视频



产品应用

Product application

- 专业用于厚材切割，比如EVA, 海绵等材料
  - 专业用于工艺品，乐器切割、生活用品、等比如笔筒、水晶棒、灯具、椰子、笛子等
- Specially used forcutting thick materials, such as EVA, sponge, etc  
Specially used for arts and crafts, instruments , Daily- use articles rSuch as brush holder, crystal rods, lamps and lanterns, coconut shell, bamboo flute, etc.



性能指标参数

Technical Specification

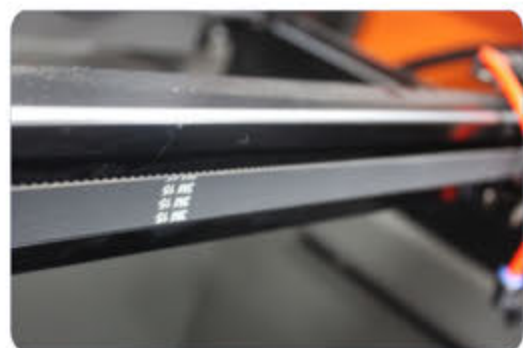
产品型号/Machine model	HL-1390E
激光类型/Lasertype	Co2激光器/Co2 laser tube
激光功率/Laser power	80W、100W、130W、150W
雕刻面积/Engraving area	600*400mm. 900*600mm, 1000*800mm. 1200*800mm
雕刻速度/Engraving speed	0-1500mm/s
切割速度/Cutting speeds	0-800mm/s
重复精度/Repeating locating	±0.05mm
旋转夹口/ Rotating damp mouth	5-85mm
旋转速度/ Rotation speed	0-500转 / 分钟 0-500r/min
升降范围/Lifting range	0-100cm
运动系统/Moving system	CNC控制系统/CNC controlling units
工作电压/Working viltage	220±10%50HZ
整机功率/Whole power	1250W
工作温度/Operating temperature	0°C-45°C
控制软件/Controlling software	正版合力激光软件/Original helilaser software
支持格式/Graphic format supported	BMP PLT AI DXF DST

产品特点

Product features

- 适合加工范围广，圆柱体、圆锥体、球体等都可以整体雕刻和局部雕刻
  - 软件性能强，可以自动设计、模拟输出
  - 光斑模式好，可以适用多种材料。
  - 扩展性能好，可加装升降平台。
- Suitable for used in wide range field,cylinder, cone, sphere and others.It can be engraving on the whole material ,can also engraving on the part of the material.  
● Software performance is very high.can be with automatically design, and analog output  
● Light spot is fine.suitable for multi material.  
● extension performance is high.can be configured the lift platform

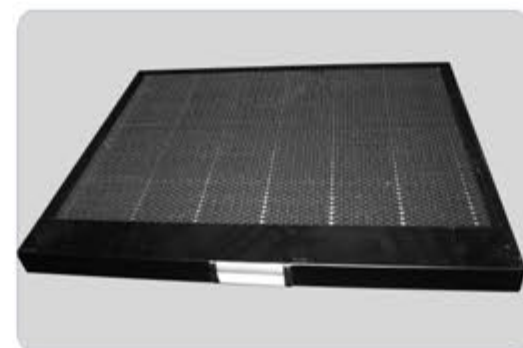




导轨  
Guideway



大功率引风机  
Large Power Exhaust Fan



蜂窝板  
Honeycomb Platform



进口联轴器  
Imported Coupling



直线轴承  
Linear bearing



进口镜片  
Imported Lens



激光电源  
Laser power supply



激光管  
Laser tube



进口步进电机  
Imported Stepping Motor



主板  
Motherboard



送料带  
Conveyor



摄像头  
Camera