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BEYOND LASER

产品目录 · 2010
PRODUCT CATALOGUE 2010

中国激光设备大型专业制造商
广东省高新技术企业
中国广东知名品牌



HONSAN LASER

●中国激光设备大型专业制造商 ●广东省高新技术企业 ●中国广东知名品牌

公司简介

Introduction

宏山激光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高科技企业。

宏山依托成熟的软件开发优势和多年的稳步发展，已开发激光产品八大系列、六十多款机型，年生产能力2000台套以上。宏山激光专注于中小功率激光切割领域，产品涵盖CO2、金属射频管、固体激光切割设备。应用领域涉及：纺织、服装、工业面料、广告、工艺、印刷、包装、电子、家具等众多行业，获得业内用户的一致好评。

宏山激光坚持“做中国一流的激光设备供应商”为企业宗旨，秉承“精益求精，持续改善”的品质理念：“为客户创造价值”的服务理念：“首先卖信誉，其次卖产品”的营销理念，为发展中国的激光事业做持续的努力。

宏山激光是工业激光应用专家，您可以信赖的合作伙伴。

Beyond Laser is a high-tech enterprise dedicated in developing and supplying small and medium laser power processing solutions for the customers all over the world.

Relying on our software development advantages and several years' steady development, we have developed laser machines of eight series and more than 60 models and have reached year's production capacity of more than 2000 sets.

Beyond Laser focuses on small and medium laser power cutting field, products covering laser cutting equipments with CO2 glass laser tube, RF metal laser tube and solid laser tube. These laser equipments are applicable in many kinds of industries such as textile, garment, advertising, decorating, arts, printing, package, electronic products, furniture and so on, which are well received by both domestic and foreign customers.

We stick to our company purpose "To become the top grade laser equipments manufacturer in China. Based on our unique quality tenet, service tenet, and marketing tenet, which are KEEP IMPROVING, PERSIST AMELIORATING as quality tenet, CREATE THE UTMOST VALUE FOR CUSTOMERS as service tenet, CREDIT SELLING FIRSTLY, PRODUCTS SELLING AFTERWARDS as marketing tenet, Beyond Laser will exert its biggest effort in order to contribute to the development of the Chinese laser industry.

Beyond Laser is a professional enterprise for industrial laser equipments, the partner you can trust and establish long-term business relationship with.

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广东省高新技术企业



广东省著名商标



中国激光行业协会



拥有多项专利认证和软件著作权



中国软件行业协会
会员单位



中国激光行业协会
会员单位



中国激光行业协会
会员单位

BEYOND LASER



Automatic Pickup Positioning Label Cutter

摄像定位切割机 (Model: HS-C9060)



◆ TECHNICAL DATA/主要技术参数:

Work table size	工作面积	900×600mm
Laser power	激光功率	60W/80W
Max. Scanning area	最大扫描幅面	150×150mm
Cutting speed	切割速度	0-36000mm/min
Camera resolution	摄像头像素	3,200,000 pels
Location precision	定位精度	±0.01mm
Graphic formats supported	支持格式	.Pit/.dst/.dsb/.ai/.dxf/.bmp/.jpg

◆ Advantages and applications/优势及应用:

The biggest advantage of this model is it can cut large labels and trademarks up to 700×500mm.

Applicable for computerized embroidery labels, irregular labels, embroidery craftwork, print fabric industries and other nonmetal materials cutting and engraving.

机器配备一台电脑, 其最大优势是能切割面积达700×500mm的大型商标。适用于商标切割、织唛、电脑绣花裁剪和雕刻。

Movable Work Table Laser Cutter

左右推板切割机

(Model: HS-Y1080/HS-Y1680)



◆ TECHNICAL DATA/主要技术参数:

Work table size	工作面积	1000×800mm/1600×800mm
Laser power	激光功率	60W/80W
Length of moving platform	推板长度	2160/3360mm
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
Graphic formats supported	支持格式	.Pit/.dst/.dsb/.ai/.dxf/.bmp/.jpg

◆ Advantages and applications/优势及应用:

Two working tables can alternate right and left and enable cutting while feeding, thus to save working time.

Applicable for garments, shoes, bags and luggage, computerized embroidery, template cutting, toys, furniture, advertisement decoration, handicraft, packaging, printing and so on.

两个工作平台可左右换位, 边切割边上料, 节省工作时间。适用于服装、鞋类、箱包、电脑绣花裁剪、模型、电子电器、工艺品、广告等行业。

Auto-feeding Laser Cutting Machine

自动送料切割机 (HS-R1610)



◆ TECHNICAL DATA/主要技术参数:

Work table size	工作面积	1600×1000mm
Laser power	激光功率	80W/100W/135W
Cutting speed	切割速度	0-36000mm/min
Engraving speed	雕刻速度	0-64000mm/min
Working mode	工作方式	Double-head cutting
Location precision	定位精度	±0.01mm
Graphic formats supported	支持格式	.Pit/.dst/.dsb/.ai/.dxf/.bmp/.jpg

◆ Advantages and applications/优势及应用:

The auto-feeding system/rotating work table enable the machine cut soft materials in rolls automatically, such as fabric, PU, leather and paper.

Applicable for garments, shoes, bags and luggage, computerized embroidery, template cutting, toys, furniture and so on.

自动送料装置适用于切割卷布、卷皮等材料, 大大节省材料上料时间和避免材料浪费。适用于服装、鞋类、电脑绣花裁剪等行业。



Mini Engraver with RF Laser

升降平台净化一体机

(Model: HS-RF6030)



◆ TECHNICAL DATA/主要技术参数:

Work table size	工作面积	600×300mm
Laser power	激光器	25W射频管/25W RF laser tube
Engraving speed	雕刻速度	0-64000mm/min
Location precision	定位精度	±0.01mm
Graphic formats supported	支持格式	.Pit/.dst/.dsb/.ai/.dxf/.bmp/.jpg

◆ Advantages and applications/优势及应用:

Mini size of the whole machine, suitable for standing at supermarket, shopping mall, wedding studios and tourist attractions.

Environmental friendly: extract smoke is filtered by activated carbon (Air filter is optional).

Equipped with up and down work table, applicable for engraving and cutting nonmetal materials such as acrylic, double-colored board, plywood, MDF, rubber, paper, plastic etc. for advertising, decorative, crafts & gifts, stamping and model industries.

体积小, 适合于超市、商场、婚纱摄影、旅游景点现场摆放; 环保, 排放的废气烟雾通过活性炭净化 (可选空气净化器)。

设备配备升降平台, 适用于切割及雕刻广告装饰、工艺礼品、印章、模型等行业的材料, 如亚克力、双色板、复合板、中纤板、橡胶、塑料等。

Motorized Up-down Table

Engraver With Rotary Attachment

升降平台雕刻机

(Model: HS-S9060/HS-S1280)



◆ TECHNICAL DATA/主要技术参数:

Work table size	工作面积	900×600mm/1200×800mm
Laser power	激光功率	60W/80W
Ascending and descending distance	升降范围	200-300mm
Engraving speed	雕刻速度	0-64000mm/min
Working mode	工作方式	Engraving and Cutting
Location precision	定位精度	±0.01mm
Graphic formats supported	支持格式	.Pit/.dst/.dsb/.ai/.dxf/.bmp/.jpg

◆ Advantages and applications/优势及应用:

Rotary attachment of this model can engrave cylinders made of various materials effectively with vivid designs.

Applicable for engraving and cutting nonmetal materials such as acrylic, double-colored board, plywood, MDF, rubber, plastic etc. for advertising, decorative, crafts & gifts, stamping and model industries.

设备配备的旋转装置能有效实现圆形物品的立体雕刻效果。

适用于切割及雕刻广告装饰、工艺礼品、印章、模型等行业的材料, 如亚克力、双色板、复合板、中纤板、橡胶、塑料等。

Specialized acrylic

/wood laser cutter

广告专用切割机

(Model: HS-Z1390/HS-Z1490)



◆ TECHNICAL DATA/主要技术参数:

Work table size	工作面积	1300×900mm/1400×900mm
Laser power	激光功率	80W/100W/135W
Cutting speed	切割速度	0-36000mm/min
Location precision	定位精度	±0.01mm
Operating Temperature	工作温度	0°C-45°C
Graphic formats supported	支持格式	.Pit/.dst/.dsb/.ai/.dxf/.bmp/.jpg

◆ Advantages and applications/优势及应用:

The advantage of this series is to cut thicker materials in a high precision. We have a special function that prevents waste of acrylic and other expensive materials where the machine will start at the same point in event of a power loss.

Applicable for precisely cutting nonmetal materials such as acrylic, double-colored board, plywood, MDF, plastic etc. for advertising, decorative, crafts & gift and model industries.

本系列特点是能高精度地切割较厚的材料。软件具有独特的断电续切功能, 避免整版材料如亚克力等浪费。

适用于高精度切割广告、装饰、工艺礼品、模型等行业的材料, 如亚克力、双色板、复合板、中纤板、塑料等。



Honsan Laser, your most reliable partner.



Honsan Laser, your most reliable partner.



Large-scale laser bed with ballscrew
大幅面丝杠裁床
(HS-B1325)



◆ TECHNICAL DATA/主要技术参数:

Work table size	工作面积	1300×2500mm
Laser power	激光功率	100W/135W
Cutting speed	切割速度	0-36000mm/ min
Graphic formats supported	支持格式	.plt, .dst, .dsb, .ai, .dxf, .bmp, .jpg
Resolution ratio	分辨率	1000dpi
Moving system	运动系统	Ballscrew guide and Servo motor (丝杠导轨和伺服电机)

◆ APPLICATION FIELD/应用范围:

Half-flying design, i.e. the laser tube fixed in X-axis and running in line of Y-axis, keeps the same power-force on each working spot so as to ensure fine cutting quality. Equipped with high quality servo motor and ballscrew guide and effective blowing system, suitable for cutting thick acrylic, wood, plastic in a high precision for advertising, decorating and modeling industries.

半飞光设计, 即激光管固定在X轴上延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。

配备高质量的伺服电机、丝杠导轨以及高效的抽风系统, 适合于广告、装饰和模型行业等中切割较厚的亚克力、木板和塑胶板等的应用。

Fabric & Leather Laser Cutting Engraving Machine
布料/皮革专用切割雕刻机
(HS-T9060/ HS-T1280/ HS-T1680)



◆ TECHNICAL DATA/主要技术参数:

Work table size(mm)	工作面积	900×600mm 1200×800mm/1600×800mm
Laser power	激光功率	60W/80W×2
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
Graphic formats supported	支持格式	.Plt/.dst/.dsb/.ai/.dxf/.bmp/.jpg

◆ Advantages and applications/优势及应用:

Six-balanced guide ensures the machine runs in a high speed. Its stability and extraordinary functions make it an ideal choice for general cutting and engraving.

Widely applied for cutting materials in garment, shoes, bags & luggage, computerized embroidery and clipping, template cutting, toys, furniture, advertisement decorations, handicraft industries etc.

六均衡导轨的设计使机器能高速运行, 稳定卓越的性能是客户实现普通切割、雕刻加工的理想选择。

广泛用于服装、鞋类、箱包、电脑绣花裁剪、模型、电子电器、玩具、家具、广告装饰、工艺品等行业。

Precise ballscrew guide laser cutter
高精度丝杠切割机
(HS-A9060)



◆ TECHNICAL DATA/主要技术参数:

Work table size(mm)	工作面积	900×600mm
Laser power	激光功率	30W/50W金属射频管 30W/50W RF metal laser tube
Machine parts	设备配件	丝杠导轨, 伺服电机, 扩束镜 Ballscrew guide, Servo motor and Beam expander
Location precision	定位精度	±0.025mm

◆ Advantages and applications/优势及应用:

Equipped with high quality parts and high precision specially-made machine body, ensuring the high cutting and locating precision.

Ideal for precision-demanding industries such as mobile phone and other electronic products panels cutting.

配备高质量部件和特殊制造的高精度机箱, 能有效确保切割和定位的高精度。

该机型是手机以及其他电子电器设备面板切割等对精度有较高要求的行业的理想选择。



Non-woven Fabric Laser Cutter
无尘布切割机 (Model HS-T1995N)



◆ TECHNICAL DATA/主要技术参数:

Work table size	工作面积	1900×950mm
Laser power	激光功率	60W/ 80W×2
Graphic formats supported	支持格式	.plt, .dst, .dsb, .ai, .dxf, .bmp, .jpg
Cutting speed	切割速度	Only 40-50 seconds needed for a double-head machine to cut pieces in size of 9×9" out of 72" wide fabric, 32 pieces cut by once.

◆ APPLICATION FIELD/应用范围:

This model can satisfy the high demand of cutting non-woven fabric without burnt, spreading or hard edges and achieve even and exact cutting effect. Any cutting designs are compatible, especially applied for non-woven fabric products industries, such as ski-wear, sofa, cleaning fabric for glasses and monitors, badges and labels.

无纺布切割不发黄, 自动收边不敞边, 不变形, 不会发硬, 尺寸一致且精确; 特别是对眼镜和显示屏的清洁布、防寒衣、滑雪衣、羽绒服、织唛印唛等多种布料的切割。

Laser bed with auto-feeder
大幅面自动送料裁床
(HS-B1630)



◆ TECHNICAL DATA/主要技术参数:

Work table size	工作面积	1600×3000mm
Laser power	激光功率	80W/100W
Cutting speed	切割速度	0-36000mm/ min
Graphic formats supported	支持格式	.plt, .dst, .dsb, .ai, .dxf, .bmp, .jpg
Moving system	运动系统	Ballscrew guide and Servo motor (丝杠导轨和伺服电机)
Optional component	选配	Automatic feeder(自动送料装置)

◆ APPLICATION FIELD/应用范围:

Half-flying design, i.e. the laser tube fixed in X-axis and running in line of Y-axis, keep the same power-force on each working spot so as to ensure fine cutting quality. Automatic feeder enhances proficiency of rolls materials processing.

Applicable for garment, leather, furniture, packaging, advertising, decorations, paper, mould industries etc., which demands large-scale cutting.

适用于服装、皮具、家具、包装、广告装饰、建筑、纸皮、模板等行业需要大幅面开料、裁切的专业型用户。自动送料装置能大大提高卷材加工的效率。

半飞光设计, 即激光管固定在X轴上延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。

Semiconductor high-speed laser inner engraving machine
半导体高速激光内雕机



◆ TECHNICAL DATA/主要技术参数:

Laser wave length	激光波长	532nm(绿光)/532nm(Green light)
Location precision	定位精度	10 μ m
Max working area	最大加工范围	300×200×80mm
Cooling system	冷却系统	专用制冷机组/Special Chilling units

◆ APPLICATION FIELD/应用范围:

Applied in gifts and crafts, decorations and glass processing industries.

Delicate plane and 3D patterns can be figured in crystal, glass and all kinds of transparent materials. 3D camera shaping 3D imaging and processing by computer, delicate and vivid 3D portrait patterns can be formed inside crystal.

工艺礼品, 装饰品, 玻璃行业等。

可在水晶、玻璃及各种透明材质里面雕刻出精美的平面和立体图形。配合三维相机对人体进行三维成像, 并通过计算机处理后, 形成三维的人像图形, 在水晶内雕刻出精美的三维立体人像图形。





A



B

A. 环保纸制品在线加工：在环保纸制品生产中，对纸制品（环保纸杯盖）进行在线切割。

Environmental paper products online cutting example: environmental paper cup cover online cutting.

B. 彩印包装在线切割：在彩印包装的自动化生产中，对塑料薄膜进行实线型/虚线型的半切在线加工。

Color-printed packing bags online cutting: real lines and broken lines half cutting on films.

激光加工技术在工业生产中的在线加工应用

Laser technology in industrial online processing application:

宏山激光致力于多种行业的激光技术应用自动化，不断开发创新，为不同行业设计制造了激光在线加工设备。产品应用包括环保纸制品，彩印包装袋，纸箱包装，电子产品打标/切割等各个行业流水线作业加工和工程作业。

Beyond Laser is dedicated in various laser technology application automatization fields. We keep technology developing and have satisfied some different fields for online processing equipments, including environmental paper products, color-printed packing bags, cardboard cases packing, electronic products marking cutting etc.



**封离式CO2激光器
Co2 Glass Laser Tube**

功率 Power Output (w)	触发电压 Triggering Voltage (kv)	工作电流 Operating Current (mA)	工作电压 Operating Voltage (kv)	外径 Outer Diameter (mm)	功率稳定度 Power Stability (%)
40	19-21-21-25	18-20	12-13	50±2	≤10
60	28-33	20-22	18-20	55±2	≤10
80	27-30	25-27	21-23	60±2	≤10
80	22-25	25-30	15-18	60	≤10
100	25-28	28-35	18-20	75	≤10
135	27	≤27	18.5	80±2	≤10



**金属腔射频激光器
Metal RF Laser Tube**

功率 Power Output (w)	工作电流 Operating Current (mA)	工作电压 Operating Voltage (kv)	外形尺寸 External Dimensions (mm)	功率稳定度 Power Stability (%)	使用寿命 Life Length (年/Year)
10	7	30	430*71*100	±10%	5
25	14	30	805*71*100	±5%	5
50	28	30	1030*189*138	±5%	5



冷却水箱/Water Chiller

型号 Model	额定电压 Rated Voltage (v)	工作电流 Operating Current (A)	频率 Frequency (Hz)	水箱容量 Tank Capacity (L)	扬程 Head (M)	制冷方式 Cooling method
CW-3000	220	0.5	50-60	9	10	风冷/Air cooling
CW-5000	220-240	1.4-2.1	50/60	6	10	制冷 Water cooling with compressor
CW-5200	208-230	2.6-3.3	50/60	6	10	制冷 Water cooling with compressor
CW-3000(A.B)	220	1	50	20	4	风冷/Air cooling





宏山激光 · 样品目录 · 2010

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胶杯切割
Cylinder cutting



镜子雕刻
Mirror engraving



毛毡布切割
Fabric cutting



牛仔布雕刻
Jeans engraving



木板雕刻
Wood engraving



木板切割
Wood cutting



木板切割-小屋
Wood cutting model



皮革切割
Leather cutting



双色板雕刻1
Rowmark plastic engraving 1



双色板雕刻2
Rowmark plastic engraving 2



双色板雕刻3
Rowmark plastic engraving 3



双色板画线
Rowmark plastic linedraw



手机触摸屏切割
Mobile panel cutting



亚克力雕刻
Acrylic engraving



反光材料切割
Reflection material cutting



亚克力切割-汽车模型
Acrylic cutting model



烫钻样板
Hot fix cutting



陶瓷雕刻
Ceramic tile engraving



纸制品雕刻及画线
Paper engraving & linedraw



纸制品切割
Paper cutting



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CE证书



ISO9001:2000
版国际质量体系认证



ISO9001:2000
International Quality Management System



中国软件行业协会会员单位证书



科技成果证书



宏山激光销售网络分布图

- 亚洲 ASIA**
- 香港 HONGKONG
 - 印度 INDIA
 - 以色列 ISRAEL
 - 马来西亚 MALAYSIA
 - 巴基斯坦 PAKISTAN
 - 新加坡 SINGAPORE
 - 台湾 TAIWAN
 - 越南 VIETNAM
 - 日本 JAPAN
 - 韩国 SOUTH KOREA
 - 泰国 THAILAND
 - 柬埔寨 CAMBODIA
 - 印度尼西亚 INDONESIA

- 欧洲 EUROPE**
- 比利时 BELGIUM
 - 德国 GERMANY
 - 爱尔兰 IRELAND
 - 意大利 ITALY
 - 荷兰 THE NETHERLANDS
 - 葡萄牙 PORTUGAL
 - 罗马尼亚 ROMANIA
 - 西班牙 SPAIN
 - 瑞典 SWEDEN
 - 土耳其 TURKEY

- 北美洲 NORTH AMERICA**
- 加拿大 CANADA
 - 美国 AMERICA
 - 墨西哥 MEXICO

- 南美洲 SOUTH AMERICA**
- 阿根廷 ARGENTINA
 - 巴西 BRAZIL
 - 哥伦比亚 COLUMBIA
 - 乌拉圭 URUGUAY

- 大洋洲 OCEANIA**
- 澳大利亚 AUSTRALIA
 - 新西兰 NEW ZEALAND

- 非洲 AFRICA**
- 南非 SOUTH AFRICA
 - 毛里求斯 MAURITIUS



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