

创轩(常熟)激光科技有限公司

CHANXAN (CHANGSHU) LASER TECHNOLOGY CO., LTD.

创轩常熟 CHANXAN Changshu

地址：江苏省常熟市尚湖镇练塘大道180号
Address: No. 180, Liantang Avenue, Shanghu Town, Changshu City,
Jiangsu Province, China
电话：+0086-512-6565 1090 Tel(office): +0086-512-6565 1090
Http://www.chanxan.com Http://www.chanxan.cn

苏州创轩激光科技有限公司

SUZHOU CHANXAN LASER TECHNOLOGY CO.,LTD.

创轩苏州 CHANXAN Suzhou

地址：苏州市吴中经济开发区兴吴路65号
Address: No.65 Xingwu Road,Wuzhong District,Suzhou City,
Jiangsu Province,China.
电话：+0086-512-6565 1090 Tel(office): +0086-512-6565 1090
Http://www.chanxan.com Http://www.chanxan.cn

创轩激光广东分公司 CHANXAN Laser Guangdong Branch

地址：广东省惠州市博罗县园洲镇马嘶工业区
Address: Masi Industrial Zone, Yuanzhou Town, Boluo County,
Huizhou City, Guangdong Province.

联系电话：+86 - 188 1971 7136

海外事业部 Overseas sales department

Contact: Rose
Email: rose@chanxan.com
Mob/WA/Wechat: +86-183 6144 9869
Http://www.szchanxan.com
Http://www.chanxanlaser.com

创轩(南京)激光智能科技有限公司

CHANXAN (NANJING) LASER INTELLIGENT TECHNOLOGY CO., LTD.

创轩南京 CHANXAN Nanjing

地址：南京市高淳区经济开发区东旭路8号
Address: No. 8, Dongxu Road, Economic Development Zone,
Gaochun District, Nanjing
电话/传真：+0086-25-5737 6386
Tel/Fax(office): +0086-25-5737 6386
Https://www.chanxanlaser.cn

创轩激光越南分公司

Công ty TNHH Laser Chanxan

Ông: Ngô Cử
Điện thoại: +84 0335918356 +86 18037795118
Mail: chanxan.vn@gmail.com Web : www.chaxan.vn
Địa chỉ: 157/C1 Khu phố Hòa Lân 1, Phường Thuận Giao, Tp
Thuận An, Bình Dương
Địa chỉ: Thôn Lịm Xuyên, Xã Song Khê, Thành phố Bắc Giang,
Tỉnh Bắc Giang, Việt Nam

创轩激光温州分公司 CHANXAN Laser Wenzhou Branch

地址：浙江温州市瓯海区郭溪街道塘下西陶路3号
Address: No. 3 of Tangxia Xitao Road, Guoxi Street, Ouhai District,
Wenzhou, Zhejiang Province.

联系电话：+ 86 - 159 9581 7780

创轩激光湖州分公司 CHANXAN Laser Huzhou Branch

地址：浙江省湖州市安吉县昌硕街道云鸿西路168号
(转椅市场东区) 2幢23号
Address: No. 23 of Building 2, No. 168 of Yunhong West Road (East
District of Swivel Chair Market), Changshuo Street, Anji County,
Huzhou City, Zhejiang Province
联系电话：+ 86 - 151 9560 0100 + 86 - 139 0682 2645



全国免费服务热线
400-0177-663



扫一扫，欢迎关注创轩激光



关于创轩 / About US

创轩激光是一家从事激光技术开发, 推广激光工艺应用的高新技术企业。公司致力于将激光技术推广到各工业生产领域, 并着重专注于研发非金属材料的激光加工工艺及超快激光技术成套设备的开发应用。

公司拥有一支由清华博士后领衔的研发团队。自主研发的CW系列、SG系列、CW/P系列、CX系列激光设备广受用户好评。我们还致力于将激光技术进行跨界融合, 开发了激光加视觉, 激光加自动化等前沿应用并获得完整知识产权。共获取各项国家专利100多项, 著作权6项, 注册商标3项。先后获得国家高新技术企业, 创新型科技企业; 并申报专精特新企业, 瞪羚企业等荣誉称号。

Chanxan Laser Technology Co., Ltd. is a high-tech enterprise in the development of laser technology and the promotion of laser technology application. The company is committed to promoting laser technology to various industrial production fields, and focuses on the development and application of laser processing technology for non-metallic materials and complete sets of ultrafast laser technology.

The company has a research and development team led by postdoctoral fellows of Tsinghua University. The self-developed CW series, SG series, CW/P series, and CX series laser equipment are widely praised by users. We are also committed to the cross-border integration of laser technology, developed cutting-edge applications such as laser plus vision, laser plus automation, and obtained complete intellectual property rights.



创轩(常熟)工业园

十几年来, 创轩激光产品及服务的客户超8000家, 涉及100多个国家和地区。先后成立创轩苏州、创轩越南、创轩南京、创轩广东、创轩常熟五大基地。建设完成和使用超8万平方米的生产厂房, 基本完成集团化发展格局。

光生万物。我们坚信激光技术所带来的“光加工”时代, 将是建设美好生活的一部分! 创轩人将更加努力创造更尖端的激光设备, 为科研教学、医疗用品、半导体、超快精密加工、新能源, 新材料, 脆性材料, 汽配, 工艺品, 智能家居, 柔性面料等领域的工业生产和工艺提升贡献一份力量。

For more than ten years, Chanxan Laser products and services have served more than 8,000 customers, involving more than 100 countries and regions. Five bases of Chanxan Suzhou, Chanxan Vietnam, Chanxan Nanjing, Chanxan Guangdong, and Chanxan Changshu have been established successively. The construction and use of over 80,000 square meters of production plants have basically completed the group development pattern.

Light produces all things. We firmly believe that the era of "light processing" brought by laser technology will be part of building a better life! Chanxan people will work harder to create more cutting-edge laser equipment for industrial production and process improvement in the fields of scientific research and teaching, medical supplies, semiconductors, ultra-fast precision processing, new energy, new materials, brittle material, auto parts, handicrafts, smart home, flexible fabrics, etc. to make a contribution.

我们的使命: 让每一个客户都用好激光机!
Our mission: Make Sure Every Customer Use Laser Machine Well!

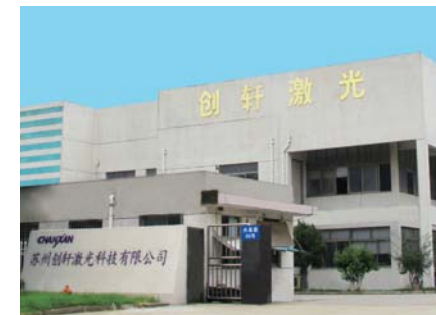
创轩激光五大基地 / Chanxan Laser Five Bases



常熟 Changshu



南京 Nanjing



苏州 Suzhou



广东 Guangdong



越南 Vietnam

创轩发展历程 / Development history

2009	<div><div>• 第一台激光切割机完成，主要用于服装业打样和工艺开发。该产品应用于多个领域，时至今日，仍保持较高水准。</div><div>The first laser cutting machine was promoted to the market, mainly used in the apparel industry. The products are used in many fields and still maintain a high technology level today.</div></div>
2010	<div><div>• 激光切割机及工艺深受苏州服装行业认可，取得苏州市场领先地位。</div><div>Laser cutting machines are well recognized in garment industry, and occupied the leading position in Suzhou market.</div></div>
2011	<div><div>• CW激光切割系列全年销售收入突破500万，取得CO₂切割机华东地区市场领先地位。</div><div>The annual revenue of CW series exceeded 5 million, achieving the leading position in the East of China market.</div></div>
2012	<div><div>• 激光品牌“创轩”获准注册。完善创轩激光CW系列切割机，产品从开发、生产、销售一条龙服务成功。</div><div>创轩激光进军工艺品行业，设立浙江安吉办事处。</div><div>Laser brand "Chanxan" was approved for registration. CW series product development, production and sales one-stop service successfully achieved.</div><div>Chanxan Laser entered the handicraft industry and established an office in Anji, Zhejiang.</div></div>
2013	<div><div>• 创轩外贸部成立，叩开国际市场大门，产品及服务延伸到海外，开启创轩激光的世界之旅。</div><div>研发生产高精度射频管CO₂切割机，公司在高端精密加工领域的创新开启。</div><div>Chanxan foreign trade department was established, which opened the door to the international market, sales and service all over the world.</div><div>Product high-precision RF tube CO₂ cutting machine, enter into high-end precision processing markets.</div></div>
2014	<div><div>• 第一条完全定制化的激光切割流水线加装应用交付上海客户，成功解决客户十几年生产难题。</div><div>创轩激光是首个将CO₂光纤传导技术成功应用到成型设备，带来相关领域的革命性突破。</div><div>The first fully customized laser cutting assembly line was installed and applied to the Shanghai customer, successfully solving the customer's more than ten-year production problem.</div><div>Chanxan Laser is the first one who successfully applied CO₂ fiber optic transmission technology to industrial equipment, bringing revolutionary breakthroughs in related fields.</div></div>
2015	<div><div>• 流水线打标机、按需定制激光设备等新型激光应用大范围推广，推动了激光技术在相关产业的推广和应用。</div><div>第一台光纤金属切割机实现销售突破。</div><div>The large-scale promotion of new laser applications such as assembly line marking machines and customized laser equipment on demand.</div><div>Sold the first fiber laser cutting machine.</div></div>
2016	<div><div>• 创轩激光累计获得30多项专利授权。• 创轩激光荣获三项“高新技术产品”认定。• 创轩激光荣获“江苏省民营科技企业”称号。</div><div>Chanxan Laser has accumulated more than 30 patent authorizations. • Chanxan Laser was awarded three "high-tech products" certification.</div><div>Chanxan Laser was awarded the title of "Private Technology Enterprise in Jiangsu Province".</div></div>
2017	<div><div>• 创轩激光越南分公司成立，国际市场占比不断提高。• 创轩激光荣获“国家高新技术企业”荣誉称号。</div><div>Vietnam Branch of Chanxan Laser was established, and its international market share continued to increase.</div><div>Chanxan Laser won the honorary title of "National High-tech Enterprise".</div></div>
2018	<div><div>• 创轩激光各办事处及分公司扩大至十多处，总员工人数突破100人。</div><div>Chanxan laser' offices and branches has expanded to more than ten, and the total number of employees has exceeded to 100.</div></div>
2019	<div><div>• 创轩激光各类专利申请突破100项。• 成立非标事业部，并建立无尘实验室。</div><div>Chanxan Laser has applied for over 100 various patents. • Establish a non-standard business department and a dust-free laboratory.</div></div>
2020	<div><div>• 成立南京创轩激光智能科技有限公司。</div><div>In 2020, Nanjing Chanxan Laser Intelligent Technology Co., Ltd. was established.</div></div>
2021	<div><div>• 成立创轩激光广东分公司。</div><div>In 2021, Chanxan Laser Guangdong Branch was established.</div></div>
2022	<div><div>• 建成共计66000平方米的生产基地，完成近3亿人民币的对外投资。</div><div>In 2022, a total of 66,000 square meters of production base will be built, and nearly 300 million yuan of foreign investment will be completed.</div></div>
2023	<div><div>• 入驻新总部。创轩苏州、创轩常熟、创轩南京、创轩广东、创轩越南五大基地扩大和投产运营，基本形成集团化发展格局。</div><div>In 2023, settled in the new headquarters, five bases of Chanxan Suzhou, Chanxan Changshu, Chanxan Nanjing, Chanxan Guangdong, and Chanxan Vietnam will be expanded and put into operation, basically forming a group development pattern.</div></div>

创轩服务承诺 / Service Promise

- » 我们严格按照ISO9001:2015质量体系认证执行标准，为客户提供更优质的产品。

» 长期保证高质量的设备零配件及耗材供应。

» 全国免费服务热线，24小时内响应，为客户解决实际问题！

» 视频、电话技术支持，电子商务增值服务。

» 售后宝数据化提供专业售后保障。

» 我们定期进行客户满意度调查，由总经理组织总结和处理客户意见和建议。

» 提供免费培训工作，一年免费上门服务，提供长年全面服务。

» 让每一个客户都用好激光机。
- » We strictly follow the ISO9001:2015 and provide customers better quality products.

» We provide high-quality spare parts and long-term supply consumables.

» National free service hotline, to respond within 24 hours to solve problems for customers.

» Video, telephone technical support and e-commerce value-added services.

» Data provides professional after-sales guarantee.

» We conduct customer satisfaction surveys regularly, and the general manager takes care of customer opinions and suggestions.

» We provide free training, and long-term comprehensive services.

» Make sure every customer use laser machine well.

创轩社会责任、安全与环保 Social Responsibility, Safety and Environmental Protection

创轩努力为员工提供一个健康、安全的工作环境，同时积极做好污染减排工作，履行社会责任。

- 积极打造创轩企业文化，营造和谐工作环境，构筑员工发展平台，提供更多就业岗位。

• 改善员工生活条件，不断增加员工收入；注重技能培训，努力提供员工素质。

• 每年定期创建“创轩学习月”，“创轩团建周”，丰富和拓展员工视野。

• 通过污染预防和增加环保材料的使用来减少对环境的影响。

• 通过循环利用、材料替代等方式来减少生产过程、产品和包装所产生的废弃物。

• 设立无尘车间，保证工作人员身体健康，而且对产品的质量、精度、成品率、稳定性等都有显著作用。

• 通过技术创新，提高产品品质，降低生产成本和客户成本，减少对环境的影响。

Chanxan strives to provide employees with a healthy and safe working environment, while actively in reducing pollution and fulfilling social responsibilities.

- Actively build the corporate culture of Chanxan, create a harmonious working environment, build a platform for employee development, and provide more jobs.

• Improve employees' living conditions and continuously increase their income; focus on skills training.

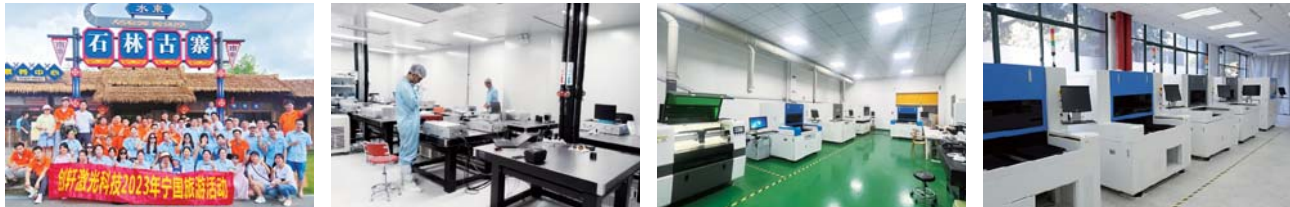
• Create "Chanxan Learning Month" and "Chanxan Team Building Week" to enrich and expand employees' horizons every year regularly.

• Reduce the impact on the environment through pollution prevention and increasing the use of environmentally materials.

• Reduce waste generated in the production process, products and packaging through recycling and material substitution.

• Set up a dust-free workshop to ensure the health of the staff and have a significant effect on the quality, precision, yield, and stability of the product

• Through technological innovation, improve product quality, reduce production costs, and reduce the impact on the environment.



创轩激光 六大行业激光智能解决方案

Chanxan Laser Smart Laser Solutions for Six Major Industries



医疗行业
Medical Industry

创轩激光专业为医疗领域开发系列激光精密加工设备,具有体积小、精密度高、自动化程度高、智能程度高、可定制、工艺高灵活性、良好的生物相容性及可批量化等优点。

Chanxan Laser specializes in the development of a series of laser precision processing equipment for the medical field, with smaller size, higher precision and automation. Equipment will be smarter, more customized, higher process flexibility, and better biocompatibility, which can meet mass production also.



汽车配件行业
Auto Parts Industry

创轩激光在汽车领域的应用是全方位的,汽车内饰切割,汽车钣金切割、焊接、水口切割、零配件精密加工、二维码标刻、追溯系统建设及微智能识别技术等各类应用。其中五轴立体切割穿孔技术作为创轩在汽车应用领域更是填补了国内该技术的空白。

Chanxan laser has a full range of applications in the automotive field, for example, automotive interior cutting, automotive sheet metal cutting, welding, plastic mold cutting, precision machining of spare parts, QR code marking, traceability system construction, micro-intelligent identification technology and other applications. Among them, representing Chanxan Laser, the five-axis 3D cutting and perforation technology has filled the gap of this technology in China in the field of automotive applications.



3C电子行业
3C Electronics Industry

创轩现阶段在3C行业内广泛使用的激光加工工艺主要为:柔性线路板、精密板切割、激光模切、激光打标、激光破阳、金属深雕、激光钻孔等;在精密加工的前提下,传统的印刷、冲压、CNC等工艺已经不能满足日益提高的加工需求,或者不能有效控制生产成本。

At this stage, Chanxan's laser applications widely used in the 3C industry are mainly: Flexible Printed Circuit, precision plate cutting, laser die cutting, laser marking, laser breaking anode, metal deep etching, laser drilling, etc. Under the premise of precision processing, traditional printing, punching and CNC can no longer meet the ever-increasing processing demands, or cannot effectively control production costs, which leaves more room to laser.



脆性材料领域
Brittle Material Field

创轩激光在玻璃行业、陶瓷行业、半导体、金刚石等相关行业的精密切割应用中,有着丰富的工艺积累。广泛应用于光学玻璃、白玻璃、绿玻璃、蓝宝石、玻璃盖板等脆性材料的激光切割、钻孔、打标,相比传统机械加工,具有切割速度快、尺寸精度高、崩边小、无污染等优异特点。

Chanxan Laser has rich process accumulation in precision cutting applications in glass industry, ceramic industry, semiconductor, diamond and other related industries. Widely used in laser cutting, drilling, and marking of brittle materials such as optical glass, white glass, green glass, sapphire, and glass cover. Pollution and other excellent features.



纺织/鞋服行业
Textile/Footwear Industry

创轩激光在柔性面料方面开发了CW系列产品,加工经验十分丰富,可解决各类柔性面料在实际应用中发生的问题,一直为阿迪达斯、耐克等世界一流品牌提供工艺服务和激光应用保障。给制鞋业带来的智能化全方位激光解决方案可系统的提高制鞋业的工艺和效率。

Chanxan Laser has developed CW series of products in fabrics field. It has rich processing experience and can offer various solutions for cutting different fabrics. Chanxan has been providing qualified machines and services for world-class factories such as Adidas and Nike.The intelligent all-round laser solution can systematically improve the craftsmanship and efficiency of the shoe industry.



科研/教学领域
Researching&teaching Field

创轩激光通过不断创新,各类设备已进入众多科研机构 and 大学。共同探索激光的新技术和培育激光新人才。成功合作的机构有中科院微物质研究所、北京大学、南京航空大学、苏州大学等数十所国内一流院所和院校,开创校企合作模范。

Through continuous innovation, Chanxan Laser has entered many scientific research institutions and universities with various equipment to explore new laser technology together and cultivate new laser talents. The institutions that have successfully cooperated include the Institute of Micro-Matter of the Chinese Academy of Sciences, Peking University, Nanjing Aeronautical University, Suzhou University. Chanxan has created an example of school-enterprise cooperation with more than dozens of domestic first-class institutes and universities.

激光超快微纳加工系列

LASER ULTRAFAST
MICRO-NANO PROCESSING SERIES

CX-2060PZ/PLT 09

双工位卷对片皮秒激光快速微加工设备
Picosecond Laser Machine with Double-sation for Roll-sheet Fast Micro-processing

CW-6050FZ/PZ/Z 11

飞秒/皮秒/纳秒紫外激光切割机
Femtosecond/Picosecond / Nanosecond UV Laser Cutting Machine

CW-6050IPL 13

玻璃激光切割一体机
Glass Laser Cutting Machine

CW-6060JC 15

陶瓷基板激光切割机
Ceramic Substrate Laser Cutting Machine

CX-05ZRX 17

塑料圆管打标机
Plastic Round Pipe Marking Machine

CX-150S 19

医疗导管打孔机
Medical Catheter Laser Drilling Machine

CX-650R 21

高精度激光切割机
High Precision Laser Cutting Machine

CX-05Z/10Z/15Z 23

紫外打标机
UV Laser Marking Machine

创轩激光 行业解决方案

CHANXAN LASER INDUSTRY SOLUTIONS

塑胶件全自动激光镭雕机 27

Automatic Laser Engraving Machine For Plastic Parts

CWD 高端激光定制设备 29

CWD High-end Laser Customized Equipment

CWD 全自动激光裁剪系统 31

CWD Automatic Laser Cutting System

柔性面料专用激光裁床 33

Laser Cutting Machine For Flexible Fabrics

医疗行业定制 35

Medical Industry Customization

五轴联动激光切割机 39

Five-axis Laser Cutting Machine

鞋材画线下料一体机 41

Automatic Laser Drawing And Cutting Machine

金属激光切割机、打标机、焊接机系列

FIBER LASER CUTTING MACHINE, LASER
MARKING MACHINE, LASER WELDING MACHINE

CX-1530J-G 45

管板一体机
Tube-sheet Fiber Laser Cutting Machine

CX-1530J-C / 2040J-C 47

大包围交换平台金属切割机
Fully Covered Fiber Laser Cutting Machine with Exchange Platforms

CW-1530J / 1325J 49

光纤金属切割机
Fiber Laser Cutting Machine

LW-1000/1500/2000/3000 51

激光焊接机
Laser Welding Machine

CS-1325 53

大幅面拼接激光打标机
Large Format Laser Marking Machine

CX-30G/50G/100G 55

光纤打标机
Fiber Laser Marking Machine

二氧化碳激光切割机、打标机系列

CO₂ LASER CUTTING MACHINE,CO₂ LASER
MARKING MACHINE

CW/X-150SF 59

定制款膜类快速打孔机
Customized Film Fast Punching Machine

SG-1390/1325 61

大功率丝杆精密切割机
High-precision High-power CO₂ Laser Cutting Machine

CW-1814HFS/960S 63

视觉定位切割机
CCD Camera Laser Cutting Machine

CW-960/1390/1610/1810/1910 65

二氧化碳切割机
CO₂ Laser Cutting Machine

CX-80FD/100FD/CXF-6060S/1212S 67

大幅面动态射频打标机
Large Format Dynamic CO₂ Laser Marking Machine With Rf Metal Tube

CX-30S/60S/100S 69

CO₂射频打标机
CO₂ Laser Marking Machine With Rf Metal Tube

让每一个客户都用好激光机!
Make Sure Every Customer Use Laser Machine Well!

LASER ULTRAFAST MICRO-NANO PROCESSING SERIES

激光超快微纳加工系列



PICOSECOND LASER MACHINE WITH DOUBLE-SATION FOR ROLL-SHEET FAST MICRO-PROCESSING

CX-2060PZ/PLT 双工位卷对片皮秒激光快速微加工设备



应用领域 / Applicable Fields

主要应用于3C行业的FPC, 覆盖膜及薄片类卷料产品的精密切割加工。
It is mainly used in the precision cutting of FPC in the 3C industry, covering film and sheet-like coil products.

设备优势 / Equipment Advantages

1. 双头同时加工, 切割覆盖膜等卷状材料效率翻倍。

2. 自动进料、自动切割、自动收料, 完全实现自动化。

3. 切割边缘光滑, 基本无碳化。

4. 高效、高精度、高产能。

5. 自主设计, 严谨分光系统, 实现同等功率下速度、效果最优化。

6. 具有联网功能, 远程监测设备生产进度和运行状况信息。
1. Double-head processing at the same time, double the efficiency of cutting roll materials such as cover film.

2. Automatic feeding, automatic cutting, automatic receiving, fully automatic.

3. The cutting edge is smooth and basically no carbonization.

4. High efficiency, high precision and high productivity.

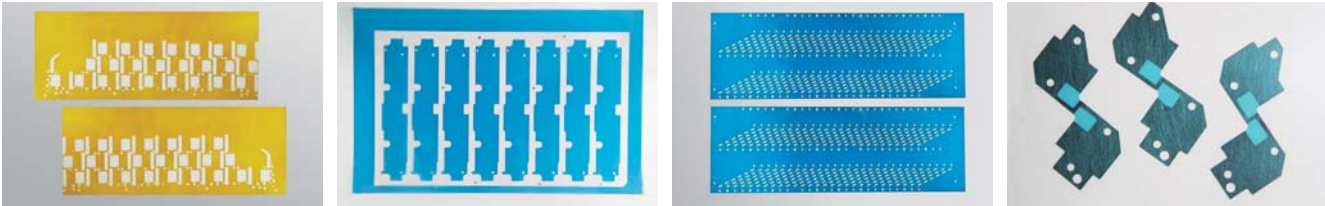
5. Independent design, rigorous spectroscopic system, to achieve the optimization of speed and effect under the same power.

6. With networking function, remote monitoring of equipment production progress and operating status information.

技术参数 / Technical Parameters

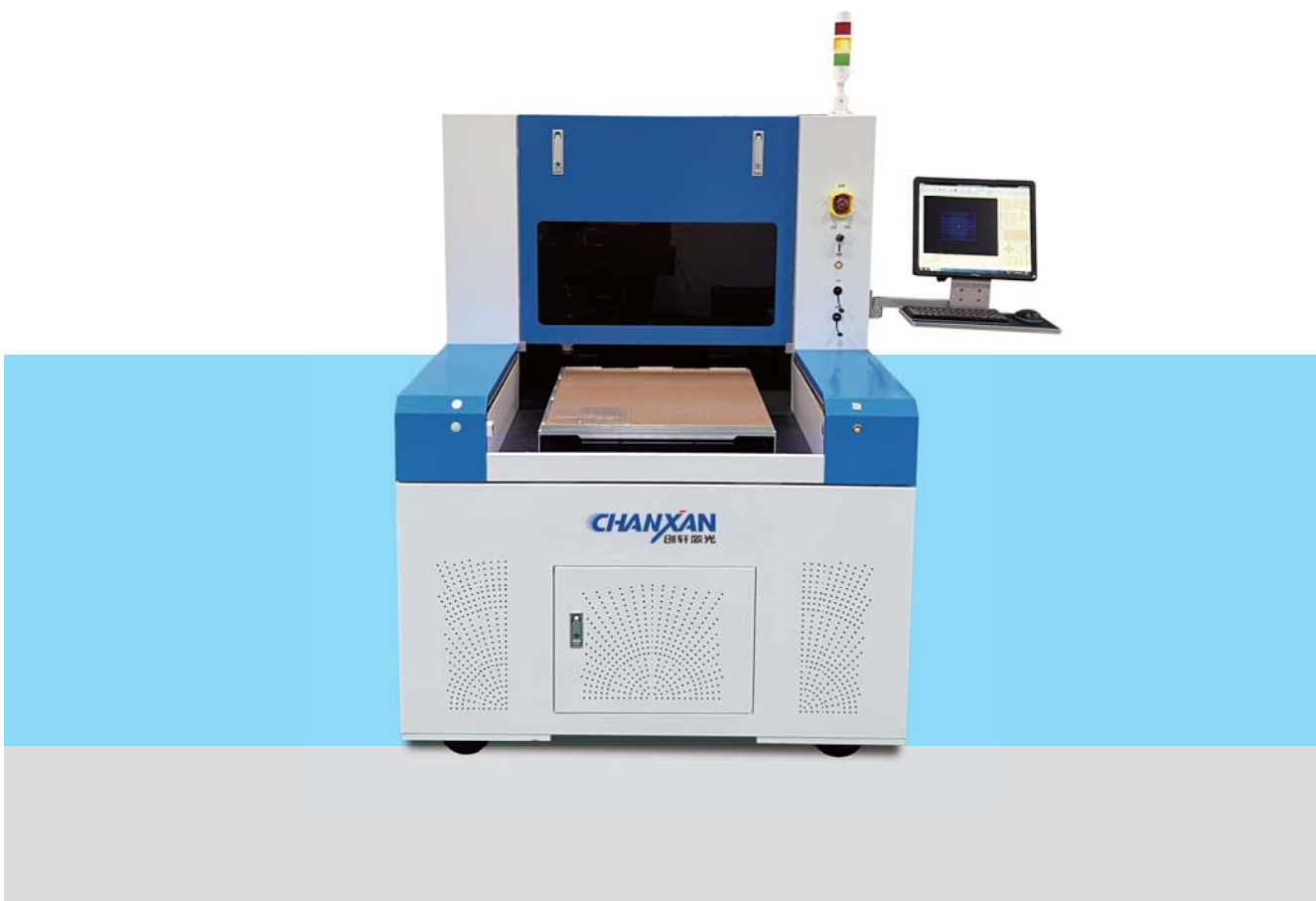
型 号	CX-2060PZ/PLT	Model	CX-2060PZ/PLT
激光器功率	紫外皮秒/绿光皮秒	Laser power	UV picoseconds/Green picoseconds
激光波长	355nm&532nm	Laser wavelength	355nm&532nm
加工幅面	270x610mm * 2	Working size	270x610mm * 2
定位精度	±5um	Positioning accuracy	±5um
加工速度	≤3000mm/s	Processing speed	≤3000mm/s
基座	高精度大理石	Base	High-precision marble
CCD视野范围	3.5 x 4.5mm	CCD field of view	3.5 x 4.5mm
CCD定位精度	±5um	CCD positioning accuracy	±5um
振镜扫描范围	40 x 40mm	Scan range of galvanometer	40 x 40mm
拼接精度	≤±5um	Splicing accuracy	≤±5um
设备重量	约2吨	Weight	2 tons
外形尺寸	2200 x 1500 x 1750mm	Dimensions	2200 x 1500 x 1750mm
电源需求	AC 380V±10%, 50 ~ 60Hz	Power requirement	AC 380V±10%, 50 ~ 60Hz

样品展示 / Sample show



FEMTOSECOND/PICOSECOND/ NANOSECOND UV LASER CUTTING MACHINE

CW-6050FZ/PZ/Z 飞秒/皮秒/纳秒紫外激光切割机



应用领域 / Applicable Fields

应用于手机行业、通讯、消费电子、半导体、科研、生物医疗等领域。例如柔性OLED屏幕、LCP、PI膜、FPC、纳米金、偏光片、FPC覆盖膜等非金属复合材料的激光精密切割、钻孔、刻蚀加工。

Used in the mobile phone industry, communications, consumer electronics, semiconductors, scientific research, biomedical and other fields. Such as flexible OLED screen, LCP, PI film, FPC, nano gold, polarizer, FPC cover film and other non-metallic composite materials such as laser precision cutting, drilling and etching.

设备优势 / Equipment Advantages

1. 采用超短脉冲激光器，具有加工效率高，热影响区小，无需后续辅助处理等优点，可以达到“冷”加工的工艺。

2. 采用大理石平台X/Y系统采用直线电机驱动系统，确保平台高速运行的精准度和稳定性。

3. 配置高像素CCD自动对位功能，保证产品切割对位精确。

4. 进口优质激光发生器与光学系统，全光路防护，以确保机器长时间稳定工作。
1. The use of ultra-short pulse laser has the advantages of high processing efficiency, small heat-affected zone, and no need for subsequent auxiliary processing, which can achieve "cold" processing.

2. The marble platform X/Y system adopts a linear motor drive system to ensure the accuracy and stability of the platform's high-speed operation;

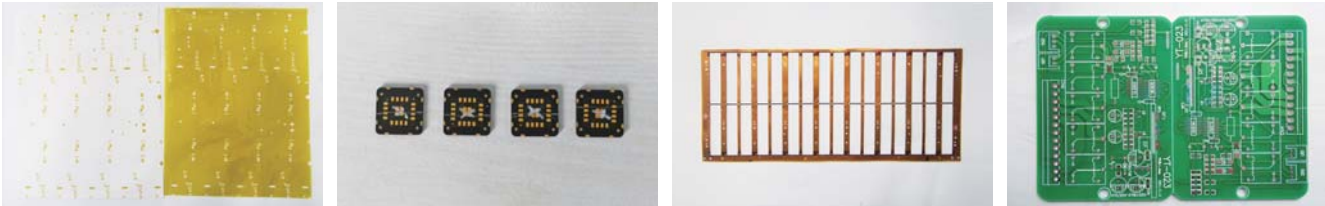
3. Equipped with high-pixel CCD automatic alignment function to ensure accurate product cutting and alignment;

4. Imported high-quality laser generator and optical system, full light path protection, to ensure the long-term stable operation of the machine.

技术参数 / Technical Parameters

型 号	CW-6050FZ/PZ/Z	Model	CW-6050FZ/PZ/Z
激光器功率	10W/30W/35W 紫外/绿光	Laser power	10W/30W/35W UV / Green
加工幅面	500 x 610mm 可定制双面	Working size	500 x 610mm Customized double table
定位精度	±1um	Positioning accuracy	±1um
加工速度	≤3000mm/s	Processing speed	≤3000mm/s
加工精度	≤30um	Processing accuracy	≤30um
聚焦光斑	20um	Focus spot	20um
振镜扫描范围	50 x 50mm	Scan range of galvanometer	50 x 50mm
设备重量	约2.5吨	Weight	2.5tons
外形尺寸	2200 x 1500 x 1750mm	Dimensions	2200 x 1500 x 1750mm
电源需求	AC 380V±10%, 50 ~ 60Hz	Power requirement	AC 380V±10%, 50 ~ 60Hz

样品展示 / Sample show



GLASS LASER CUTTING MACHINE

CW-6050IPL 玻璃激光切裂一体机



应用领域 / Applicable Fields

广泛应用于车载玻璃(挡风玻璃/后视镜玻璃)、车载显示盖板、光学玻璃、安防玻璃、家电玻璃面板、灯饰玻璃、医疗玻璃、玻璃加工:仪表面板、显示面板、蓝宝石加工、手表、耐磨屏幕、电子零部件、半导体行业等。

Widely used in automotive glass (windshield/rearview mirror glass), automotive display cover, optical glass, security glass, home appliance glass panel, lighting glass, medical glass,
Glass processing: instrument panels, display panels, sapphire processing, watches, wear-resistant screens, electronic components, semiconductor industry, etc.

设备优势 / Equipment Advantages

1. 设备采用皮秒新工艺技术,针对蓝宝石、玻璃等透明材料快速切割。

2. 光路系统均采用进口镜片,从而保证高质量的光学传输。

3. 尺寸精度高,崩边小,无维度。

4. 可选配自动化上下料系统(双平台)。
1. The equipment adopts picosecond new process technology, which can quickly cut transparent materials such as sapphire and glass.

2. The optical system adopts imported lenses to ensure high-quality optical transmission.

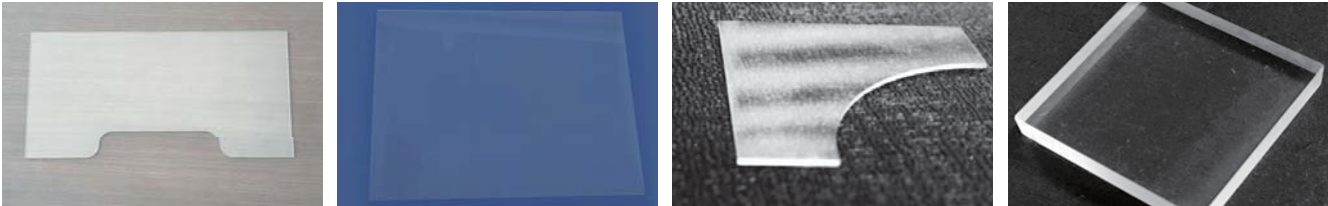
3. High dimensional accuracy, small chipping and no dimension.

4. Optional automatic loading and unloading system (dual platform).

技术参数 / Technical Parameters

型 号	CW-6050IPL	Model	CW-6050IPL
激光器类型	红外皮秒激光器	Laser type	Infrared Picosecond Laser source
激光波长	1064nm	Laser wavelength	1064nm
输出功率	红外皮秒50W/70W	Output Power	Infrared Picosecond 50W/70W
加工面积	600*800mm, 可定制	Processing area	600*800mm, can be customized
切割速度	≤1000mm/s	Cutting speed	≤1000mm/s
定位精度	±3um	Reposition accuracy	±3um
冷却方式	水冷	Cooling system	Water cooling
工作电压	AC 380V±10%, 50HZ/60HZ	Working Voltage	AC 380V±10%, 50HZ/60HZ
整机功率	8KW	Whole Power	8KW
整机重量	约1.5吨	Machine Weight	About 1.5 tons
整机尺寸	1800*1600*2200mm	Machine Dimension	1800*1600*2200mm

样品展示 / Sample show



CERAMIC SUBSTRATE LASER CUTTING MACHINE

CW-6060JC 陶瓷基板激光切割机



应用领域 / Applicable Fields

主要应用于氧化铝、氮化铝、氧化锆等陶瓷材料的激光切割、划线、打孔等。
It is mainly used in laser cutting, scribing and drilling of ceramic materials such as Al₂O₃, AlN, Si₃N₄, SiC, BEO.

设备优势 / Equipment Advantages

- 1. 切面无发黄, 无发黑, 无挂渣, 无毛刺, 无卷边, 孔径90um以上, 锥度<10um。
- 2. 产品加工稳定且产品一致性好。
- 3. 烟雾净化系统 有效除尘 使用无忧。
- 4. 大理石机床底座, 一体封闭式结构, 采用高精度、静音、防腐蚀的导轨导向, 采用固定光路设计, 稳定性高。
- 5. 可选配置: CCD视觉自动定位系统。

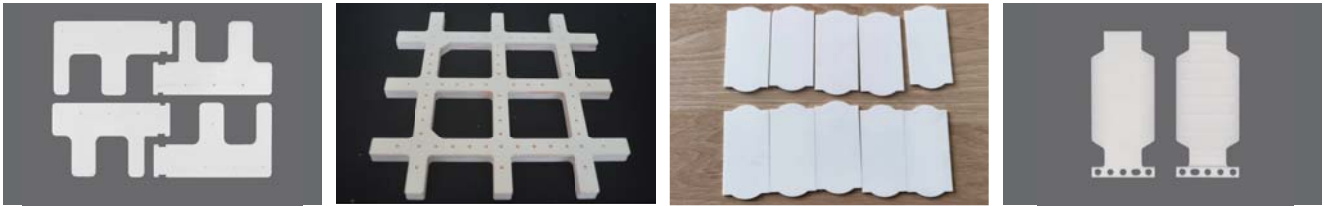
- 1. Good edge cutting, hole diameter $\geq 90\mu\text{m}$, the taper $\leq 10\mu\text{m}$.
- 2. The stability and consistency of processed products are better.
- 3. Efficient smoke purification system.
- 4. High machine stability due to marble machine base and integrated closed design.
- 5. Optional configuration: automatic positioning CCD vision system.

技术参数 / Technical Parameters

型 号	CW-6060JC
激光器类型	光纤激光器国产/进口
激光波长	1080nm
输出功率	150W/1000W
加工面积	600*600mm/1000*800mm
切割速度	5000~25000mm/s
定位精度	$\pm 0.01\text{mm}$
冷却方式	风冷/水冷
工作电压	AC 380V $\pm 10\%$, 50HZ/60HZ
整机重量	约1900kg
整机尺寸	1800*1430*1850mm

Model	CW-6060JC
Laser Type	Fiber laser source
Laser wavelength	1080nm
Output Power	150W/1000W
Process area	600*600mm/1000*800mm
Engraving Speed	5000~25000mm/s
Reposition accuracy	$\pm 0.01\text{mm}$
Cooling system	Air/Water cooling
Working Voltage	AC 380V $\pm 10\%$, 50HZ/60HZ
Machine Weight	About 1900kg
Machine Dimension	1800*1430*1850mm

样品展示 / Sample show



PLASTIC ROUND PIPE MARKING MACHINE

CX-05ZRX 塑料圆管打标机



应用领域 / Applicable Fields

超精细加工的高端市场, 适用于各类塑料圆管的精细雕刻、旋转打标、移动打标, 对工件的氧化、变形、热影响区域都比较小。
The high-end market of ultra-fine processing is suitable for fine engraving, rotary marking, and moving marking of various plastic round pipes, and the oxidation, deformation, and heat-affected area of the work piece are relatively small.

设备优势 / Equipment Advantages

1. 光束质量好, 聚焦光斑小,加工热影响区小, 不会产生热效应,无烧焦问题。

2. 可实现X轴上移动式打标, 大大增加打标的范围,适合大尺寸产品的打标雕刻。

3. 振镜高速打标,打标效果精细并可重复加工;高精度细致光斑保证打标结果的完美。

4. 可实现导管的180度旋转打标,打标速度快,效率高。

5. 移动式振镜打标头+旋转型治具,可实现导管高速自动化打标, 速度快,无需人工放置,提高生产效率。
1. The beam quality is good, the focus spot is small, the processing heat-affected zone is small, no thermal effect occurs, and there is no burning problem.

2. It can realize moving marking on the X axis, greatly increasing the marking area, and is suitable for marking and engraving of large-size products.

3. The galvo head is used for high-speed marking, the marking effect is fine and can be processed repeatedly; the high-precision and fine light spot ensures the perfect marking result.

4. It can realize 180-degree rotating marking of the catheter, with fast marking speed and high efficiency.

5. The moving galvo head marking head + rotary fixture can realize high-speed automatic marking of catheters. The speed is fast, no manual placement is required, and production efficiency is improved.

技术参数 / Technical Parameters

型 号	CX-05ZRX	Model	CX-05ZRX
工作面积	100*100mm	Process area	100*100mm
激光功率	5W 10W 15W	Laser power	5W 10W 15W
激光波长	355nm	Laser wavelength	355nm
激光类型	纳秒紫外	Laser type	Nanosecond UV
镜片	全套进口美国激光传导镜片	Lens	Laser lens imported from US
冷却类型	专业工业恒温系统	Cooling type	Professional industrial thermostat system
打标速度	500字符/秒	Marking speed	500 characters/sec
激光能量控制	0-100%软件设定	Laser energy control	0-100% software setting
最小标记字符	0.1mm	Minimum font	0.1mm
最小标记线宽	0.01mm	Minimum mark line-width	0.01mm
重复定位精度	±0.001mm	Repeat positioning accuracy	±0.001mm
整机功率	1.5kw	Whole power	1.5KW
电源	AC110V/220V+10%, 50HZ/60HZ	Power supply	AC 110V/220V ± 10%,50HZ/60HZ
工作环境	温度: 15-30℃,湿度: 10-90%	Working environment	Temperature:1-45℃,Humidity:5-95%
外形尺寸	900*1000*1600mm	Dimensions	900*1000*1600mm

样品展示 / Sample show



MEDICAL CATHETER LASER DRILLING MACHINE

CX-150S 医疗导管打孔机



应用领域 / Applicable Fields

可用于各类医用塑料类材料（圆管）表面的打标打孔等，如：TPE、PTFE、TPU管、PU管、聚氨酯、尼龙、聚氯乙烯、聚丙烯、聚醚酮等材料。

It can be used for marking and lettering on the surface of various medical plastic materials (round tubes), such as TPE, PTFE, TPU tubes, PU tubes, polyurethane, nylon, polyvinyl chloride, polypropylene, polyether ketone and other materials.

设备优势 / Equipment Advantages

1. 采用进口或优质国产CO2射频激光器，光束质量更好，光电转换率高，性能好，可进行各种精细加工、打孔。

2. 雕刻精度高、标记清晰、不易磨损，打标速度快、性能稳定；设备无需耗材。

3. 工作寿命长，激光输出稳定，适合工业化长时间连续工作的要求，且能充气循环使用。

4. 支持PLT、PCX、DXF、BMP等文件，直接使用SHX、TTF字库，支持自动编码、序列号、批号、日期、条形码及二维码的打标,软件具有图形反打功能。
1. It adopts imported or high-quality domestic CO2 RF laser source, which has better beam quality, high photoelectric conversion rate and good performance.

2. High engraving precision, clear marking machine, not easy to wear, fast marking speed, stable performance, no consumables for equipment.

3. Long working life, stable laser output, suitable for industrial long-term continuous work, and can be refilled with gas continuing to use.

4. Support PLT, PCX, DXF, BMP and other documents, directly use SHX, TTF fonts, support automatic coding, serial number, batch number, date, barcode and QR code marking, software has graphic anti-play function.

技术参数 / Technical Parameters

型 号	CX-150S	Model	CX-150S
输出功率	150W	Laser power	150W
输出波长	10.64um	Laser wavelength	10.64um
重复频率	≤20Khz	Repeat frequency	≤20Khz
打标速度	≤7000mm/s	Marking speed	≤7000mm/s
最小字符	±0.4mm	Minimum font	±0.4mm
重复精度	±0.01mm	Repeat positioning accuracy	±0.01mm
冷却系统	内置风冷或外置水冷	Control system	Internal air cooling or outer water cooling
供电电源	AC220V±10% 50Hz	Power supply	AC 110V/220V ±10%, 50Hz
整机功率	1500W	Whole power	1500W

样品展示 / Sample show



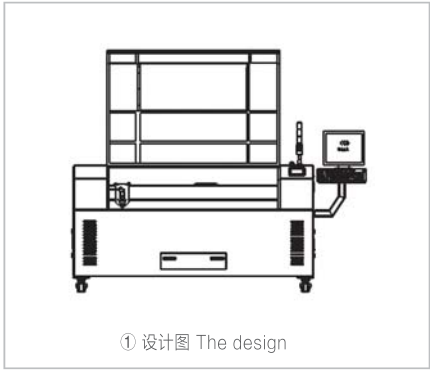
HIGH PRECISION LASER CUTTING MACHINE

CW-650R 高精密激光切割机

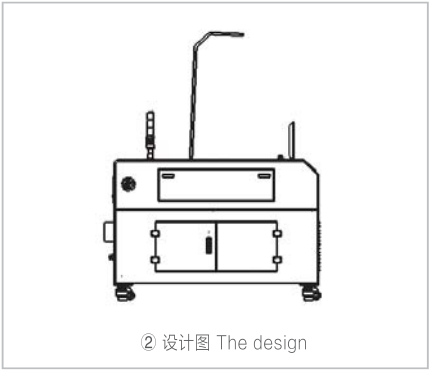


应用领域 / Applicable Fields

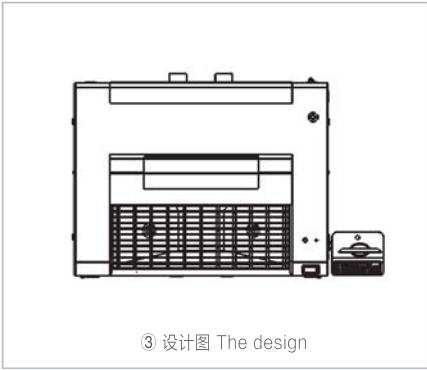
电子材料精密切割、膜材料半穿切割、电子行业模切、其他非金属材料的高精度切割及开口。
Applicable Fields: precision cutting of electronic materials, semi-cutting of film materials, die-cutting in the electronics industry, high-precision cutting and opening of other non-metallic materials.



① 设计图 The design



② 设计图 The design



③ 设计图 The design

设备优势 / Equipment Advantages

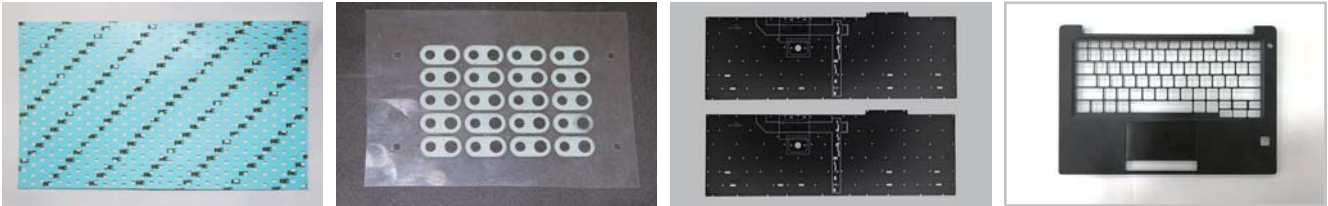
1. 丝杆、进口激光器、大理石平台，铸铝龙门结构及铸铁底盘。
 2. 高精度机床、高精度伺服丝杆传动保证位置精度和尺寸精度、更好的真圆度、更好的拐角效果。
 3. 稳定的行走及能量控制使机器能切出的产品边缘热影响区更小，更光顺的切边效果，而且效果一致性好。
 4. 软件性能优越，可实现分层切割、切割路径最优化、激光能量跟随速度等功能，切割效果一致性好，材料半切能量控制好。
1. Steady machine with imported laser source, marble platform, cast aluminum gantry structure and cast iron chassis.
 2. High-precision machine tools and high-precision servo and ball screw drive ensure position accuracy and dimensional accuracy, better roundness and better corner effect.
 3. Stable running and energy control enable the machine to cut out the product's edge with less heat affected zone, smoother trimming effect, and the effect is consistent.
 4. The software has superior performance, and can realize the functions of layered cutting, cutting path optimization, laser energy following speed, etc. The cutting effect is consistent and the material half-cut energy is well controlled.

技术参数 / Technical Parameters

型 号	CW-650R
工作面积	600*500mm
激光功率	30-150W可选
激光类型	进口CO ₂ 封离式射频激光器
镜片	全套进口美国激光传导镜片
冷却类型	风冷/水冷系统
雕刻扫描速度	0-60000mm/min
切割速度	0-40000mm/min
激光能量控制	0-100%软件设定
最小成型文字	汉字：2.0mm*2.0mm，英文：1.0mm*1.0mm
最大扫描精度	4000DPI (可按需加装CCD视觉系统)
定位精度	≤±0.01mm
控制软件	DSP控制系统
支持图形格式	DST PLT BMP DXF DWG AI LAS等
支持软件	TAJIMA, CORELDRAW, PHOTOSHOP, AUTOCAD等
分色切割	有
驱动系统	进口伺服电机系统
辅助装置	排风机及排烟管
电源	AC110V/220V ±10%，50HZ/60HZ
工作环境	温度：1-45℃，湿度：5-95%
可选配置	刀条台面，蜂窝台面，顶针台面，不锈钢台面，旋转装置，随动激光自动对焦系统

Model	CW-650R
Working area	600*500mm
Laser power	30W-150W optional
Laser type	Imported CO ₂ RF metal tube
Lens	A full set laser transmission lens imported from USA
Cooling type	Water/air cooling system
Carving scanning speed	0-60000mm/min
Cutting speed	0-40000mm/min
Laser energy control	0-100% by software setting
Minimum font	Chinese: 2.0mm*2.0mm, English: 1.0mm*1.0mm
Maximum scanning accuracy	4000 DPI (could equip with CCD vision system on demand)
Positioning accuracy	≤±0.01mm
Control system	DSP control system
Graphic format supported	DST/PLT/BMP/DXF/DWG/AI/LAS
Software supported	TAJIMA/CORELDRAW/PHOTOSHOP/AUTOCAD AND ETC
Color separation	available
Drive system	Imported servo motor
Accessories	Exhaust fan and pipe
Power	AC 110V/220V ± 10%, 50HZ/60HZ
Working condition	Temperature: 1-45℃, humidity: 5-95%
Optional Configuration	knife/sawtooth work table, lift platform, follow-up auto focus system, Professional laser head

样品展示 / Sample show



UV LASER MARKING MACHINE

CX-05Z/10Z/15Z 紫外打标机



应用领域 / Applicable Fields

超精细加工的高端市场, 手机、充电器、数据线、药品、化妆品、高分子材料的包装瓶表面打标, 柔性pcb板打标, 划片; 硅晶圆片微孔、盲孔加工; LCD液晶玻璃二维码打标、玻璃器具表面打孔、金属表面镀层打标、塑料按键、电子元件、礼品、通讯器材、建筑材料等。

Suitable for high-end market for ultra-fine processing, such as mobile phones, chargers, data cables, pharmaceutical packages, cosmetics packages, and polymer materials surface marking. Also it can be used for marking of flexible PCB boards, dicing; micro-holes and blind holes for silicon wafers, LCDQA code marking, glassware punching, metal surface marking, plastic buttons, electronic components, gifts, communication equipment, building materials marking, etc.

设备优势 / Equipment Advantages

1. 热影响区域极小, 避免被加工材料变形、损伤或烧焦, 成品率高。

2. 适用材料广, 弥补目前广泛采用的红外激光标记加工效果不佳的缺陷。

3. 光电转化率高, 355nm输出波长, 雕刻效果美观, 触摸手感好, 防伪效果高。

4. 产品广泛应用于微加工、各种金属、非金属膜材料的精细雕刻。
1. The heat-affected zone is extremely small, avoiding deformation, damage or charring of the material to be processed, and the yield is high.

2. Applied on various materials to make up shortcomings of fiber laser or CO2 laser marking.

3. High photoelectric conversion rate, 355nm output wavelength, beautiful engraving effect, good touch feeling, high anti-counterfeiting effect.

4. Products are widely used in micro-machining, fine engraving of various metal and non-metal film materials.

技术参数 / Technical Parameters

型 号	CX-05Z/10Z/15Z	Model	CX-05Z/10Z/15Z
工作面积	100*100mm	Process area	100*100mm
激光功率	5W 10W 15W 可选	Laser power	5W 10W 15W optiona
激光波长	355nm	Laser wavelength	355nm
激光类型	纳秒紫外 355nm	Laser type	Nanosecond UV 355nm
镜片	全套进口美国激光传导镜片	Lens	Laser lens imported from US
冷却类型	专业工业恒温系统	Cooling type	Professional industrial thermostat system
打标速度	500字符/秒	Marking speed	500 characters/sec
激光能量控制	0-100%软件设定	Laser energy control	0-100% software setting
最小标记字符	0.1mm	Minimum font	0.1mm
最小标记线宽	0.01mm	Minimum mark line-width	0.01mm
重复定位精度	±0.001mm	Repeat positioning accuracy	±0.001mm
整机功率	1.5KW	Whole power	1.5KW
电源	AC110V/220V±10%, 50Hz/60Hz	Power supply	AC 110V/220V ±10%, 50Hz/60Hz
工作环境	温度: 15-30°C, 湿度: 10-90%	Working environment	Temperature:15-30°C, Humidity:10-90%
外形尺寸	900*1000*1600mm	Dimensions	900*1000*1600mm

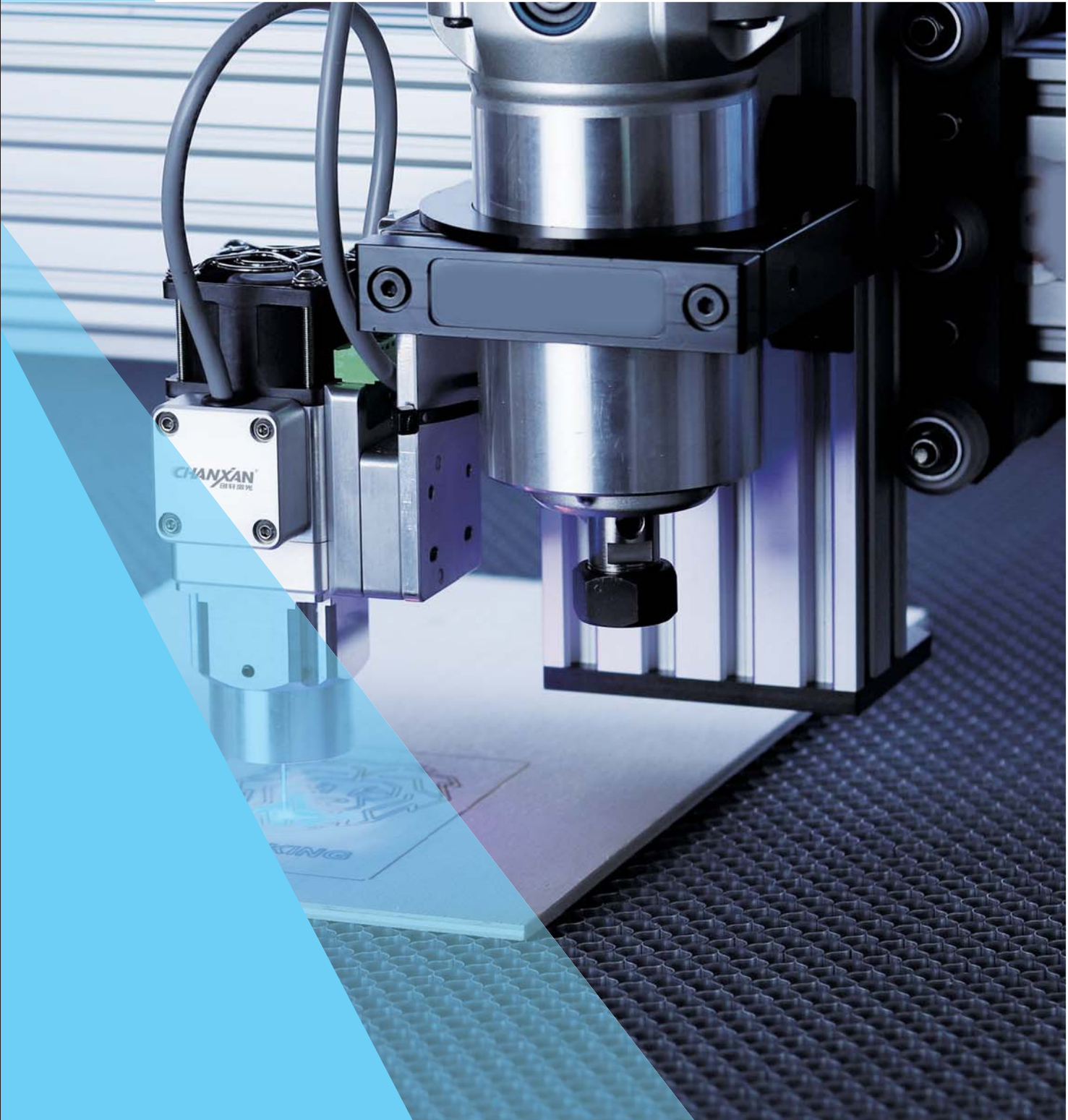
样品展示 / Sample show



让每一个客户都用好激光机!
Make Sure Every Customer Use Laser Machine Well!

CHANXAN LASER INDUSTRY SOLUTIONS

创轩激光 行业解决方案



AUTOMATIC LASER ENGRAVING MACHINE FOR PLASTIC PARTS

塑胶件全自动激光镭雕机



设备优势 / Equipment Advantages

1. 全自动激光镭雕机是根据光伏塑胶件要求专门研制的。

2. 主要用于白色注塑件的全自动加工。

3. 整机具有光束质量高、运动精度高、打标速度快。

4. 系统由PCC控制，自主开发软件，操作方便、结构紧凑、自动化程度高，具有自动错误报警功能。
1. Full-automatic laser engraving machine is specially developed according to the requirements of photovoltaic plastic parts.

2. It is mainly used for the full-automatic processing of white injection molding parts.

3. The whole machine has high beam quality, high motion precision and fast marking speed.

4. the system is controlled by PCC.

4. The system is controlled by PCC, self-developed software, easy to operate, compact structure, high degree of automation, with automatic error alarm function.

技术参数 / Technical Parameters

型 号	CX-10WD	Model	CX-10WD
激光器类型	可选	Laser Type	Optiona
激光波长	355nm	Laser wavelength	355nm
输出功率	10W (可选)	Output Power	10W (Optiona)
加工面积	110*110mm	Process area	110*110mm
切割/打标速度	1-7000mm/s	Cutting/Engraving Speed	1-7000mm/s
定位精度	±0.02mm	Reposition accuracy	±0.02mm
冷却方式	水冷	Cooling system	Water cooling
工作电压	AC 220V±10%, 50HZ/60HZ	Working Voltage	AC 220V±10%, 50HZ/60HZ
整机功率	2000W	Whole Power	2000W
整机重量	1.5T	Machine Weight	1.5T
整机尺寸	1800*1700*2350mm	Machine Dimension	1800*1700*2350mm

应用领域 / Applicable Fields

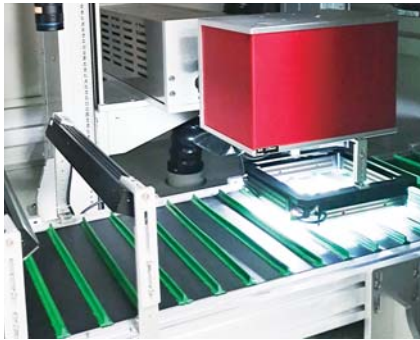
广泛应用于光伏开关、小孔电、医疗器械等各类行业。
Widely used in photovoltaic switch, small hole electricity, medical equipment and other kinds of industries.

样品展示 / Sample show



CWD HIGH-END LASER CUSTOMIZED EQUIPMENT

CWD 高端激光定制设备



设备优势 / Equipment Advantages

1. 机器换人, 全自动化设计生产。
 2. 现场勘查, 量身定制。
 3. 精密加工、标刻、切割、检测等功能按需设计, 满足特殊生产。
 4. 治具、升降平台等可选辅助装置配合, 提高生产效率。
 5. CCD机器人等配合作业, 自主开发软件控制。
 6. 激光工艺, 有效解决生产难题, 提高工艺。
1. Fully automated design and production, completely replace labor with machines.
 2. Site survey, custom made.
 3. The functions of precision machining, marking, cutting, and testing are designed on demand to meet special production.
 4. Optional auxiliary devices such as jigs and lifting platforms are coordinated to improve production efficiency.
 5. Cooperate with CCD robots, and independently develop software control.
 6. Laser technology effectively solves production problems and improves craft level.

应用领域 / Applicable Fields

汽车部件切割打孔, 汽车内饰切割, 注塑产品及注塑件毛边修复、开孔, 塑胶挤出件毛边修复、开孔, 医疗用品标刻、检测, 电子产品标刻、检测, 各行业流水线激光自动化应用改造, 纺织等行业异形产品开料切割再加工定制, 其他非金属材料的切割与雕刻。

Auto parts cutting and punching, auto interior cutting, injection molding products and injection molded parts burr repair and opening, plastic extrusion parts burr repair and opening, medical supplies marking and testing, electronic product marking and testing, assembly line lasers in various industries automation application transformation, cutting and customizing of special-shaped products in textile and other industries, cutting and carving of other non-metallic materials

技术参数 / Technical Parameters

型 号	CWD 高端激光定制设备	Model	CWD high-end laser customized equipment
工作面积	根据需求定制	Working area	Customized on demand
激光功率	30W~260W可选	Laser power	30W~260W optional
激光类型	按需匹配各类应用激光器	Laser type	Match all kinds laser source on demand
冷却类型	风冷/水冷系统	Cooling type	Air / water cooling system
雕刻扫描速度	按需求定制	Carving scanning speed	According to the requirements
切割速度	按需求定制	Cutting speed	According to the requirements
激光能量控制	0~100%软件设定	Laser energy control	0~100% by software settings
最小成型文字	汉字: 2.0mm*2.0mm, 英文: 1.0mm*1.0mm	Minimum font	Chinese:2.0mm*2.0mm, English:1.0mm*1.0mm
最大扫描精度	4000Dpi (可按需加装CCD视觉系统)	Maximum scanning accuracy	4000 DPI(could equip with CCD vision system on demand)
定位精度	≤±0.01mm	Positioning accuracy	≤±0.01mm
控制软件	DSP控制系统、PLC控制系统按需开发	Control system	DSP control system and PLC control system are developed on demand
辅助装置	按需求定制	Accessories	Customized on demand
电源	AC110V/220V±10%, 50Hz/60Hz	Power	AC 110V/220V ± 10%,50HZ/60HZ
工作环境	温度: 1~45℃, 湿度: 5~95%	Working condition	Temperature:1~45℃, humidity:5~95%

样品展示 / Sample show



CWD AUTOMATIC LASER CUTTING SYSTEM

CWD 全自动激光裁剪系统



➔ 激光设备将帮助您把繁琐的制衣流程简化为四步：
Laser equipment will help you to simplify the cumbersome garment process into four steps:



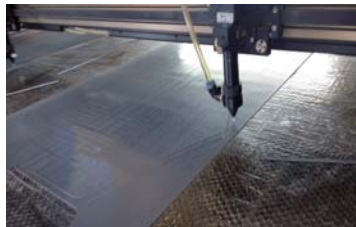
提取轮廓，管理并剪辑，保存。
To extract the contour, managing and editing, save.



简化设计，数据化，放码。
Simplify the design, digitalize and grading.



提高您的排料速度，并最大限度提高面料利用率。
Improve your arranging rate and promote the utilization rate to the highest degree.



打孔，开料，镂空、雕花，超长幅面加工，激光无所不能。
On punching, cutting, hollowing out, carving patterns or designs on woodwork, super long wide processing, laser is omnipotent.

设备优势 / Equipment Advantages

1. 兼容各种CAD软件，从软件设计、打印到裁切一体化服务。
 2. 激光自动裁剪，解决私人订制产品开料的后顾之忧。
 3. 软件可逐步建立行业数据库，建立大数据优势。
 4. 激光裁片精度高，无毛边散边，更显高档，更易缝制。
 5. 可免除制版环节，节约人工，彻底替代老师傅时代。
 6. 双轨运动切割、排版极其节约面料，节省成本。
1. Compatible with all CAD softwares, a complete solution from software design, printing to laser cutting.
 2. Automatic laser cutting to solve the issue of custom-made products.
 3. Industry databases could be built to establish big data advantages step by step.
 4. Laser cutting with high precision and sealed edge effect, higher quality and easier to sew.
 5. Plate making process could be eliminated to save labor cost and no need to reply on experienced workers.
 6. Double track motion cutting, Nesting function saves materials and decrease the cost.

应用领域 / Applicable Fields

婚纱、礼服、个性化布艺沙发定制、定制服装、户外用品(帐篷等)、汽车内饰、家纺及各种纺织类个性化定制产品。

Wedding dresses, dresses; personalized fabric sofas; tailor-made apparels; outdoor products (tents, etc.); auto interior decorations; home textiles and A variety of textile for customized products.

技术参数 / Technical Parameters

型 号	CWD 全自动激光裁剪系统
工作面积	1600*3000mm/2000*3000mm
激光功率	60-150W可选
激光类型	进口CO2封离式射频激光器/CO2封离式玻璃激光器
冷却类型	水冷系统
雕刻扫描速度	0-60000mm/min
切割速度	0-40000mm/min
激光能量控制	0-100%软件设定
最小成型文字	汉字：2.0mm*2.0mm, 英文：1.0mm*1.0mm
最大扫描精度	4000DPI (可按揭加装CCD视觉系统)
定位精度	≤ ±0.01mm
控制软件	DSP控制系统/至尊宝纺织服装软件无缝对接
支持图形格式	DST PLT BMP DXF DWG AI LAS等
支持软件	TAJIMA, CORELDRAW, PHOTOSHOP, AUTOCAD等
分色切割	有
辅助装置	排风机及排风管
驱动系统	高精度两相步进电机/进口伺服电机系统
电源	AC110V/220V±10%, 50HZ/60HZ
工作环境	温度：1-45℃,湿度：5-95%
可选配置	自动送料网带/蜂巢台面

Model	CWD Automatic Laser Cutting System
Working area	1600mm*3000mm/2000mm*3000mm
Laser power	60W-150W optional
Laser type	CO2 RF metal tube/CO2 glass tube
Cooling type	Water cooling system
Carving scanning speed	0-60000mm/min
Cutting speed	0-40000mm/min
Laser energy control	0-100% by software settings
Minimum font	Chinese:2.0mm*2.0mm,English:1.0mm*1.0mm
Maximum scanning accuracy	4000 DPI(could equip with CCD vision system on demand)
Positioning accuracy	≤ ± 0.01mm
Control system	DSP control system
Graphic format supported	DST/PLT/BMP/DXF/DWG/AI/LAS
Software supported	TAJIMA/CORELDRAW/PHOTOSHOP/AUTOCAD AND ETC
Color separation	available
Drive system	High accuracy two phase step motor/Servo motor by imported
Accessories	Auxiliary gas system/360° bendable light guide system
Power	AC 110V/220V ± 10%,50HZ/60HZ
Working condition	Temperature:1-45℃,humidity:5-95%
Optional Configuration	Auto feeding/honeycomb work table

样品展示 / Sample show



LASER CUTTING MACHINE FOR FLEXIBLE FABRICS

柔性面料专用激光裁床



应用领域 / Applicable Fields

主要用于氢能隔膜布(PPS聚苯硫醚)。
Mainly used for hydrogen energy diaphragm cloth(PPS polyphenyl sulfide)

设备优势 / Equipment Advantages

1. 采用齿轮齿条传动结构, 高速双边同步驱动, 是传统皮带机切割效率的3倍。

2. 钢架结构、整体拼焊结构, 消除内应力处理, 确保机床变形公差在0.02mm以内。

3. 具有良好的扩展性, 可配置双激光头。

4. 分布式抽风系统, 有效吸收切割烟尘颗粒, 实现清洁环保切割。

5. 专业的图形切割及排样软件, 具有混合排料功能。
1. Adoption of rack and pinion transmission structure, high-speed bilateral synchronous drive, 3 times the cutting efficiency of the traditional belt machine.

2. Steel frame structure, overall tailor-welded structure, internal stress elimination treatment, to ensure that the deformation tolerance of the machine tool is within 0.02mm

3. Good scalability, can be configured with double laser heads.

4. Distributed air extraction system, effectively absorbing cutting soot particles, realizing clean and environmentally friendly cutting.

5. Professional graphic cutting and nesting software with mixed nesting function.

技术参数 / Technical Parameters

型 号	CW-2530F	Model	CW-2530F
激光器类型	CO ₂ 激光器	Laser type	CO ₂ laser source
激光波长	1064nm	Laser wavelength	1064nm
输出功率	130~350W	Output power	130~350W
加工面积	2500*2500mm	Processing area	2500*2500mm
切割/打标速度	AC 220V±10%, 50HZ/60HZ	Cutting/Marking speed	AC 220V±10%, 50HZ/60HZ
定位精度	±0.01/1000	Positioning accuracy	±0.01/1000
冷却方式	水冷	Cooling method	Water cooling
工作电压	AC 380V±10%, 50HZ/60HZ	Operating voltage	AC 380V±10%, 50HZ/60HZ
整机功率	2000W	Total power	2000W
整机重量	7000Kg	Total weight	7000Kg
整机尺寸	3900*2900*2050mm	Dimension	3900*2900*2050mm

样品展示 / Sample show

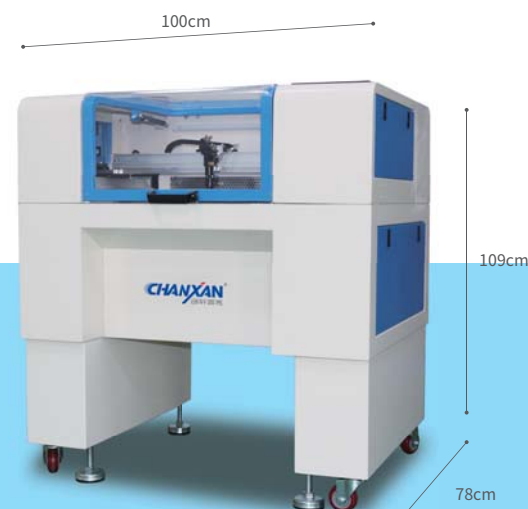


MEDICAL INDUSTRY CUSTOMIZATION

医疗行业定制



CCD 智能标刻
CCD smart marking



猪心膜精密切片
High-precision laser cutting
for porcine heart membrane

医疗设备是具有高附加值的产品, 在质量方面要求严格, 通常要求采用挑战性的工业制造工艺。基于这些原因, 精密切割设备在医疗设备制造领域获得大量应用, 具有切割效率高、热影响区小、对切体无任何损伤、没有毛刺形成、切缝精美牢固、对不同的形状和厚度的切割工艺有高灵活性、良好的生物相容性及可批量量产化等的优点。

Medical equipment is a product with high added value, which has strict quality requirements and usually requires challenging industrial manufacturing processes. For these reasons, precision cutting equipment has been widely used in the field of medical equipment manufacturing. It has high cutting efficiency, small heat-affected zone, no damage to the cut body, no burr formation, beautiful and firm cut seams. The process has the advantages of high flexibility, good biocompatibility and mass production for cutting different shapes and thicknesses.

设备优势 / Equipment Advantages

- 1、双工位/双头四工位结构, 激光头可以电动调节位置翻转, 加工范围大, 效率高。
- 2、加工区域配置多个CCD和激光源, 保证定位精度, 可配置OCR及复检功能。
- 3、能与车间生产管理系统进行数据通讯。

1. Double-station/double-head four-station structure, the laser head can be turned over by electric adjustment, with a large processing range and high efficiency;
2. The processing area is equipped with multiple CCDs and laser sources to ensure positioning accuracy, and can be equipped with OCR and re-inspection functions;
3. It can communicate with the workshop production management system.

面料激光微孔、雕花
Micro-holes,
engraving on fabric



柔性材料自动模切、标刻
Automatic die-cutting and
marking of flexible materials

MEDICAL INDUSTRY CUSTOMIZATION



医疗行业定制



金属支架、器械精密加工
Precision machining of
metal brackets and equipment

医疗用品标刻、检测
Marking and testing of
medical supplies

应用领域 / Applicable Fields

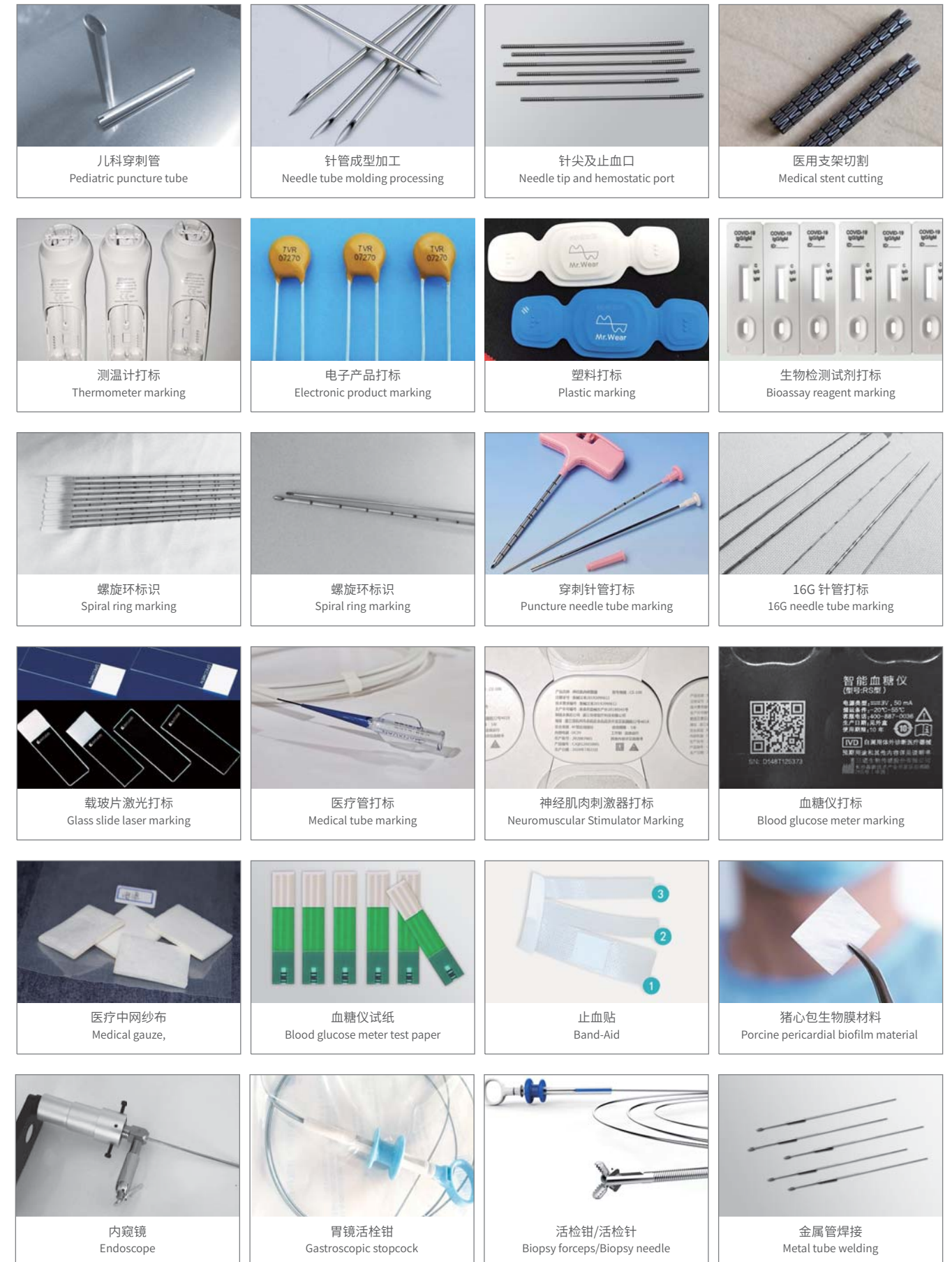
适用于血糖仪、血压计、耳温枪、生物检测试剂盒等塑料类产品LOGO、字符、二维码、表面装饰工艺标记。

各种定制款打标机:实现:双工位、四工位, 激光头可电动调节位置, 加工范围大, 效率高。

It is suitable for LOGO, characters, QR code, surface decoration marking of plastic and metal products such as blood glucose meters, blood pressure monitors, ear thermometers, biological testing reagents, etc.

Various customized marking machines: Realizing double-station, four-station, laser head can be adjusted electrically, with large processing range and high efficiency.

样品展示 / Sample show



FIVE-AXIS LASER CUTTING MACHINE



五轴联动激光切割机



龙门五轴+激光的组合进行加工,使加工工艺一次完成,切口整齐无需后道工艺再处理大大缩短了工艺流程,降低了人工成本和磨具费用的投入,也提高了产品档次和附加值。采用龙门双驱结构,相对于悬臂结构更稳定,加速度更高,定位速度更快,可长期保证切割效率和切割精度。

The combination of gantry five-axis + laser processing makes the processing process complete at one time, and the incision is neat without reprocessing in the subsequent process, which greatly shortens the process flow, reduces the labor cost and abrasive tool investment, and also improves the product grade and added value. Compared with the cantilever structure, the gantry double-drive structure is more stable, the acceleration is higher, and the positioning speed is faster, which can ensure the cutting efficiency and cutting accuracy for a long time.

设备优势 / Equipment Advantages

- 1. 五轴联动, 三维编程, 操作简单易学, 擅长各类材料三维空间的复杂切割。
- 2. 激光是非接触切割, 没有应力作用, 对定位治具要求简单, 治具成本低, 可循环永久使用。
- 3. 通过示教的方式, 学习用户需要的运动轨迹, 并调节各种控制参数, 形成程序文件后下载到运动控制卡, 然后控制运动控制卡按程序文件运动, 达到加工产品的目的。
- 4. 切割边沿光滑, 无毛刺, 精度高, 速度快, 高效率, 省人工。

- 1. Five-axis linkage cutting with three-dimensional programming which is easy to learn. Machine is good at cutting complex 3D materials.
- 2. The laser is non-contact cutting without mechanical stress. Its simple positioning fixtures have low cost, and can be used cyclically for permanent use.
- 3. Machine will learn the movement track required by the user with various control parameters. It will form the program file and transfer to the motion control card, and then move according to the program file to processing the product.
- 4. The cutting edge is smooth, burr-free, high precision, high efficiency and labor saving.

应用领域 / Applicable Fields

注塑件水口、头盔、汽车内饰、塑胶花、模型、内衣、手机套等产品及半成品一次性立体切割。

Injection molded parts nozzles, helmets, automobile interior decoration materials, plastic flowers, models, underwear, mobile phone sets and other products and semi-finished products for one-time three-dimensional cutting.

技术参数 / Technical Parameters

型 号	CW-3W1310
有效幅面	X:1300mm Y:1000mm Z:500mm
激光器类型	CO ₂ 玻璃管激光器
最大曲线速度	6000mm/min
切割速度	0-4000mm/min
激光能量控制	0-100%功率设定
定位精确	≤±0.2mm
切割原理	DMP 示教切割

Model	CW-3W1310
Effective width	X:1300mm Y:1000mm Z:500mm
Laser type	CO ₂ laser tube
Maximum curve speed	6000mm/s
Cutting speed	0-4000mm/min
Laser power control	0-100% by power setting
Positioning accuracy	≤±0.2mm
Cutting principle	DMP teaching cutting

样品展示 / Sample show



AUTOMATIC LASER DRAWING AND CUTTING MACHINE

鞋材画线下料一体机

创轩首创专利产品
CHANXAN Patent product



CW/P-1615TTF
量产机型
Mass Production Machine

设备优势 / Equipment Advantages

1. 用于取代人工画线及丝网印刷等传统制鞋工艺，一机顶5-10人。
2. 全自动边画线边下料，省网板、省工序、省刀模费、省布料。
3. 多种油墨可供选择，可节省80%以上的油墨，画线合格率 $\geq 99.99\%$ ，画线精度高。
4. 自动上下料更方便更高效，比传统下料节省 $\geq 7\%$ 的材料。

1. It is used to replace traditional shoemaking techniques such as manual line drawing and screen printing, and one machine can save 5-10 employees.
2. It is automatic drawing lines while cutting, saving printing board, working procedures, mold cost, and fabrics.
3. A variety of inks are available, which can save more than 80% of the ink, the line-drawing pass rate is over 99.99%, and the line-drawing accuracy is high.
4. Automatic feeding is more convenient and efficient, saving over 7% material than traditional.



创轩创造 六大优势保障

Chanxan Machine Six advantages Quality Assurance



- 1. 创轩定制高速喷头**
Chanxan customized high-speed drawing heads
画线清晰，运行稳定，适用所有墨水。
Clear lines, stable working, suitable for all inks.
- 2. 创轩喷切互补组合式设计**
Chanxan drawing and cutting complementary design
边划线边切割，确保效率大幅提升。
Drawing while cutting, ensuring a significant increase in efficiency.
- 3. 创轩开发软件控制系统**
Software made in Chanxan
稳定性好，功能完善，简单易学。
Good stability, perfect function, easy to learn.
- 4. 创轩定制多进多出冷水机**
Special chiller made in Chanxan
安全守护，占地空间小。
Safety guarding, occupying a small space.
- 5. 创轩定制激光电源**
Chanxan customized laser power supply
为机器持续高强度工作保驾护航。
Escort the continuous high-intensity work of the machine.
- 6. 创轩定制激光发生器**
Chanxan customized laser generator
光斑模式好，稳定耐用，行业率先实行一年质保。
Good spot pattern, stable and durable, take the leading position in industry with one-year warranty.

让每一个客户都用好激光机!
Make Sure Every Customer Use Laser Machine Well!

FIBER LASER CUTTING MACHINE LASER MARKING MACHINE LASER WELDING MACHINE

金属激光切割机、打标机、焊接机系列



TUBE-SHEET FIBER LASER CUTTING MACHINE

CX-1530J-G 管板一体机



设备优势 / Equipment Advantages

- 1. 可接受三维软件及平面软件画图导入图形功能, 显示直观方便。
- 2. 独特的料托设计装置, 在切6m管材时, 能运行平稳。
- 3. 集金属圆管、方管和金属板材切割为一体的多功能金属切割机。
- 4. 先进的卡盘夹紧系统、360度循环切割, 可视材料规格自动调整, 避免薄壁管材因夹紧失圆。

- 1. Cutting patterns is shown directly. For more convenience, it supports 3D software and 2D software and graphics importing function.
- 2. With exclusive material supporting device, machines run smoothly when cutting 6m pipe.
- 3. A multi-function metal cutting machine that combines metal round tubes cutting, square tubes cutting and sheet metal cutting.
- 4. Advanced chuck clamping system, 360-degree cyclic cutting, and automatic adjustment of visual material specifications to avoid shape changing for thin-walled tubing due to clamping and rounding.

应用领域 / Applicable Fields

碳钢、不锈钢管材、板材综合性一体切割机。
Carbon steel, stainless steel pipe, sheet metal cutting machine

技术参数 / Technical Parameters

型 号	CX-1530J-G
工作面积	1500x3000x100mm
激光功率	1000W~3000W 可选
控制系统	FSCUT
传动系统	齿条
导轨	35
激光头	BT240S
电机	XY:1.3kw
工作台	锯齿台面
减速机	意大利摩多
冷却系统	CW6200
电压	380V 3ph
机器功率	17kw/h
重量	N:4.2t, W:4.5t
易损件	保护镜:3-6个月, 喷嘴:5-6个月, 聚焦镜:12-18个月

Model	CX-1530J-G
Work area	1500x3000x100mm
Laser power	1000W~3000W optional
Control system	FSCUT
The transmission system	rack
guide	35
laser	BT240S
electrical machinery	XY:1.3kw
working table	sawtooth
reducer	Italy modo
The cooling system	CW6200
voltage	380V 3ph
The machine power	17kw/h
weight	N:4.2t, W:4.5t
consumables	Protective lens: 3-6 months, nozzle: 5-6 months, focusing lens: 12-18 months

样品展示 / Sample show



FULLY COVERED FIBER LASER CUTTING MACHINE WITH EXCHANGE PLATFORMS

CX-1530J-C/2040J-C 大包围交换平台金属切割机



该机器配置有稳定的光路系统和控制系统、激光切割专用数控系统、伺服电机、高精度齿轮齿条、进口原厂封装光纤激光器，切割性能更稳定，使用寿命更长。退火工艺消除多余应力，增加床身材料的延展，床身坚固稳定，有利于切割工作过程中的平稳性。操作系统提供了丰富友好的人机交互界面，使机器与人更好的互动。华丽的图形界面，用鼠标可控制，美观、大方、简单易学。

The machine is equipped with stable optical system and control system, CNC system esp. for laser cutting, servo motor, high-precision rack and gear system, imported original packaged fiber laser to ensure more stable cutting performance and longer life. Annealing process eliminates stress, increases the extension of the body. The machine body is solid and stable to ensure the stability and reliability during working. The operating system is user friendly and provides better interaction between operator and machine. Gorgeous graphical interface controllable with mouse, nice designed and easy to learn.

设备优势 / Equipment Advantages

1. 节约成本，最大化利用物料，无需铸模。

2. 高刚性加强焊接床身，二次退火，有效消除应力。

3. 自动交换式工作台，切割作业和装卸工作同时分区进行，提高1-1.5倍工作效率。

4. 高回报，高速精准切割，增加产品附加值，寿命长，加倍回报您的投资。

5. 操作方便，切割精度高，排版科学，更加节约材料。
1. Cost saving for its maximum material utilization and molding free features.

2. High rigidity with strengthening welded bed and secondary annealing so the mechanical stress is reduced.

3. High efficiency, the exchange platform doubles the cutting efficiency and maximizes the time and manpower.

4. High reward for its fast speed cutting to increase product added value and long life. It will bring double return to your investment.

5. Easy to operate, high cutting precision, scientific typesetting, and more material saving.

技术参数 / Technical Parameters

型 号	CX-1530J-C	CX-2040J-C
工作面积	6000x1500mm	6000x2000mm
激光功率	3000-10000W	3000-10000W
最大运动速度	130m/min	130m/min
X/Y轴定位精度	± 0.03mm	± 0.03mm
X/Y轴重复定位精度	± 0.02mm	± 0.02mm

Model	CX-1530J-C	CX-2030J-C
Work area	6000x1500mm	6000x2000mm
Laser power	3000-10000W	3000-10000W
Maximum speed	130m/min	130m/min
X/Y axis positioning accuracy	± 0.03mm	± 0.03mm
X/Y axis repeat positioning accuracy	± 0.02mm	± 0.02mm

样品展示 / Sample show



FIBER LASER CUTTING MACHINE

CW-1530J/1325J 光纤金属切割机



应用领域 / Applicable Fields

钣金加工、不锈钢、碳钢等材料开料；金属管件的穿孔及异形切割，镀锌板、电解板及其他合金材料切割（具体视材料切割机效果），其他金属及部分塑胶类材料切割。

Sheet metal, stainless steel, carbon steel and other materials cutting; metal pipe punching and irregular shaped design cutting; galvanized sheet, electrolytic board and other alloy materials cutting (cutting effect depending on the materials), other metal and some plastic materials cutting

设备优势 / Equipment Advantages

- 1. 优质光纤激光发生器，光斑质量好，输出功率稳定，实现高精度、高速度切割。
- 2. 完善的恒温冷却系统，润滑系统和除尘系统，确保机器运行稳定，高效，耐用。
- 3. 带自动对焦高度跟随器，保持焦距恒定。采用高精度齿轮齿条传动系统，安装调试时通过精密准直仪测试，精度低于0.05mm。
- 4. 采用专业的CAD / CAM自动编程软件，自动嵌套软件，最大限度地节省原材料。
- 5. 超低运营成本，激光器每小时仅耗电3-4度，操作方便。

- 1. High-quality fiber laser generator with good laser beam quality and stable output power for high precision and high speed cutting.
- 2. Complete constant temperature cooling system, lubrication system and dust removal system ensure stable, efficient and durable machine operation.
- 3. With auto focus laser head to keep the a fixed distance. High-precision rack and pinion transmission system, tested by precision collimator during installation and debugging, machine can reach accuracy within 0.05mm
- 4. Automatically nest software with professional CAD / CAM automatic programming software to maximize raw material usage.
- 5. Ultra-low operating cost, the machine consumes only 3-4 kw.h per hour and easy to operate.

技术参数 / Technical Parameters

型 号	CW-1530J/1325J	备注	Model	CW-1530J/1325J	Note
加工幅面(长×宽)	2500 * 1300mm		Working area	2500 *1300mm	
激光器	1000W~6000W 可选		Laser power	1000W~6000W optional	
XYZ轴行程	2500mm/1325mm/100mm		XYZ axis travel	2500mm*1325mm*100mm	
切割材料厚度	0.2~3mm/0.2~6mm(视材料而定)	需加辅助气体	Cutting thickness	Stainless steel 0.2~3mm;Carbon steel 0.2~6mm(Based on materials)	Need add auxiliary air
最小线宽	< 0.2mm(不同材料有所不同)		Minimum font	<0.2mm(Based on materials)	
X/Y轴定位精度	0.03mm/m		X/Y axis position accuracy	0.03mm	
X/Y轴重复定位精度	± 0.03mm		X/Y axis repeat position accuracy	± 0.03mm	
最大速度	20m/min		Max cutting speed	20m/min	
最大加速度	0.3G		Max accelerated speed	0.3G	
机床重量	1700kg		Machine weight	1700KG	
机床运行温度	0℃~40℃		Machine working temperature:	0℃~40℃	
控制系统	v2.0	上海柏楚	Control System	V2.0	Cypcut
工作台最大载重	300kg		Work table max loading weight	300KG	
XYZ轴驱动方式	进口伺服电机	日本松下	XYZ axis drive type	Imported servo drive	Panasonic
传动方式	进口滚珠丝杆	台湾TBI	Transmission	Imported ball screw	TBI
外观尺寸(长×宽×高)	3800*1850*1300mm		Machine dimension(LWH)	3800*1850*1300mm	
专用激光切割头	一组	奥森迪科	Specialized Laser head	1 set	AU3TECH
激光专用冷却系统	1.5~3P	特域	Specialized cooling system	1.5~3P	S&A
除尘装置	1套	国内配套	Exhaust dust system	1 set	Local support

样品展示 / Sample show



LASER WELDING MACHINE

LW-1000/1500/2000/3000 激光焊接机



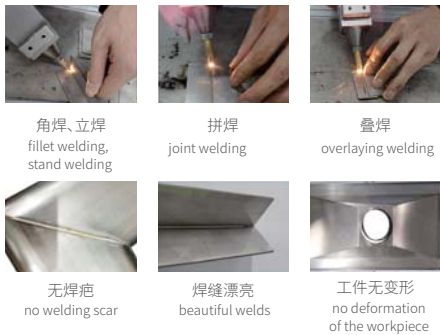
应用领域 / Applicable Fields

用于焊接各种不锈钢镜面字、不锈钢拉丝字、不锈钢球面字、不锈钢烤漆字、不锈钢喷塑字、不锈钢实心字、不锈钢电镀字、不锈钢金箔字、精工不锈钢字、钛金平面字、钛金球面字、精工钛金字、平面铜字、球面铜字、紫铜字、紫铜仿古字、精工铝字、铁皮烤漆字（不锈钢带、铁带、低碳钢带）的广告字,金属字的焊接成形。灯饰及模具行业,光电通信器件、医疗、电子、铜件、铝件及小型焊接加工行业。

It is widely used for welding all kinds of stainless steel mirror words, stainless steel brushed words, stainless steel spherical characters, stainless steel paint characters, stainless steel spray words, stainless steel solid words, stainless steel plating words, stainless steel gold foil words, precision stainless steel characters, titanium flat words, titanium spherical surface word, Seiko Titanium, Flat Copper, Spherical Copper, Copper, Copper Antique, Seiko Aluminum, Iron Paint (Stainless Steel, Iron, Low Carbon Steel), metal word welding. Lighting and mould industry, optoelectronic communication devices, medical treatment, electronics, copper, aluminum and small welding processing industries.

设备优势 / Equipment Advantages

1. 操作简单, 无需上岗证即可上岗, 不用老师傅也能焊出漂亮产品。
2. 焊接速度快, 比传统焊接快2-10倍, 一台机器一年至少可以省2个焊工。
3. 焊缝平滑漂亮, 减少后续打磨工序, 节省时间和成本。
4. 焊接大型金属广告字选用手持式焊接头, 克服工作台空间的局限性。
5. 焊接小型金属广告字固定式焊接头, 移动字来焊接, 操作方便简易。
6. 固定焊接头可万向转动, 克服传统焊接头单方向转动的不便。
7. 手持式焊头配备五米进口光纤, 灵活方便, 可以实现户外焊接。
8. 手持式焊枪的操作模式, 可以对工件实现任意部位任意角度的焊接。
9. 可以做双光路智能切换, 分时分光能量分布均匀。
10. 适用各种复杂焊缝, 各种器件的点焊。



1. It is easy to operate, you can get on the job without special job permit, and you can weld beautiful products without skill of the master.
2. The welding speed is 2-10 times faster than the traditional welding. One machine can save at least 2 welders a year.
3. The weld seam is smooth and beautiful, reducing the subsequent grinding process, saving time and cost.
4. Welding large metal advertising characters use hand-held welding heads to overcome the limitations of the work space.
5. Welded small metal advertising characters use fixed welding head, moving words to weld, easy to operate.
6. The fixed welding head can rotate in all direction to overcome the inconvenience of the traditional welding head in one direction.
7. The hand-held welding head is equipped with five meters of imported fiber line, which is flexible and convenient for outdoor welding.
8. The operation mode of the hand-held welding torch can realize the welding of the workpiece at any angle.
9. It can do intelligent switching of dual optical paths, and the time-division splitting energy distribution is even.
10. Suitable for all kinds of complex welds, spot welding of various devices.

技术参数 / Technical Parameters

产品型号	LW-1000/1500/2000/3000	Model	LW-1000/1500/2000/3000
激光波长	1064nm	Laser wavelength	1064nm
输出光功率	1000W/1500W/2000W/3000W	Output optical power	1000W/1500W/2000W/3000W
大脉冲能量	100J	Large pulse energy	100J
大峰值功率	9.9kw	High peak power	9.9kw
脉冲宽度	0-15ms	Pulse width	0-15ms
重复频率	0-150HZ	Repetition frequency	0-150HZ
分光方式	精密能量分光或高速时间分光	Spectroscopic methods	Precision energy splitting or high speed time splitting
闭环反馈控制方式	任意波形实时控制功率负反馈	Closed loop feedback control	Arbitrary waveform real-time control power negative feedback
能量波动性	<±3%	Energy fluctuation	<±3%
瞄准定位方式	激光二极管红光指示(CCD选配)	Aiming mode	Laser diode red light indication (CCD option)
分光光纤路数	≤4(标配一光路)	Number of optical fiber paths	(standard one light path)
冷却方式	内置水冷机	Cooling way	Built- in water chiller
设备功耗	4KW	Power consumption of equipment	4KW
电力要求	AC220V±15% 50/60HZ	Power requirements	AC220V±15% 50/60HZ
主机尺寸	1360x660x1060mm(长宽高)	Size of the host	1360x660x1060mm (length, width and height)

样品展示 / Sample show



LARGE FORMAT LASER MARKING MACHINE

CS-1325 大幅面拼接激光打标机



应用领域 / Applicable Fields

应用于大幅面, 大尺寸的整幅面标记, 标尺刻度, 电梯、卫浴、广告牌等。
It is applied to large format, large-size whole-format marking, ruler scale, elevator, sanitary ware, billboard, etc.

设备优势 / Equipment Advantages

1. 打标效果良好: 优质激光器保证高品质的光束质量, 打标效果很细腻, 配合稳定导轨设计, 尤其适合大幅面拼接打标。

2. 深度打标: 可以满足客户做深度打标的需求, 最深可达0.5毫米 (依据材料), 能满足大部分的需求。

3. 打标精度高: 拼接打标精度可达±0.05mm。

4. 使用寿命长: 大幅面光纤激光打标机采用好的光纤激光源, 使用寿命可达10万小时, 机器可使用3~5年。

5. 无耗材, 无污染, 节能环保, 符合欧洲环保标准。

6. 不需要调整光路。光路系统在出厂前已经调试好, 而且是封闭式光路结构, 无需后续调整。

7. 功耗低: 成本低, 耗电量低。
1. Good marking effect. The high-quality laser source guarantees high-quality beam quality, and the marking effect is very delicate, with a stable guide rail design, especially suitable for surface splicing marking of big format.

2. Deep marking. It can meet the needs of deep marking, the deepest can reach 0.5 mm (depending on the material), which can meet most of the needs.

3. High marking accuracy: splicing marking accuracy can reach ±0.05mm.

4. Long service life. The fiber laser source can reach 100,000 hours, and the machine can be used for 3 to 5 years.

5. No consumables, no pollution, energy saving and environmental protection, compliance with European environmental protection standards.

6. No need to adjust the light path. The optical path system has been debugged before leaving the factory, and it is a closed optical path structure without subsequent adjustments.

7. Low cost and low power consumption.

技术参数 / Technical Parameters

型 号	CS-1325	Model	CS-1325
平均输出功率	100W (可选)	Average output power	100W (Optional)
打标线速	≤7000mm/s	Marking line speed	≤7000mm/s
打标幅面	1300*2500mm (可按需求定制)	Marking size	1300*2500mm (Can be customized on demands)
最小字符高度	0.2mm	Minimum character height	0.2mm
打标重复精度	<24 μrad	Marking repeatability	<24 μrad
打标深度	0.3mm (视材质而定)	Marking depth	0.3mm (Depends on the material)
最小线宽	0.06mm (视材料)	Minimum line width	0.06mm (Depends on the material)
电源	AC 220V 50KHz	Power supply	AC 220V 50KHz
电机	步进电机/伺服电机 (选配)	Motor	Stepper motor/servo motor (optional)
定位精度	0.05 mm	Positioning accuracy	0.05mm
重复定位精度	±0.01 mm	Repeatability	±0.01 mm
位移速度	100 ~ 300mm/s	Displacement speed	100 ~ 300mm/s

样品展示 / Sample show



FIBER LASER MARKING MACHINE

CX-30G/50G/100G 光纤打标机



应用领域 / Applicable Fields

应用于电子元器件、五金制品、工具配件、集成电路 (IC)、电工电器、手机通讯、精密器械、眼镜钟表、首饰饰品、汽车配件、塑胶按键、PVC管材、医疗器械等行业。普通金属及合金 (铁、铜、铝、镁、锌等)，稀有金属及合金 (金、银、钛)，金属氧化物，特殊表面处理 (磷化、铝阳极化、电镀表面)，ABS料等。

Popular in electronic components, hardware products, tool accessories, integrated circuits (IC), electrical appliances, mobile phone accessories, precision instruments, glasses and watches, jewelry, car parts, plastic buttons, PVC pipes, medical equipment and other industries for materials like common metals and alloys (iron, copper, aluminum, magnesium, zinc, etc.), rare metals and alloys (gold, silver, titanium), metal oxides, special surface treatment (phosphating, aluminum anodizing, Electroplating surfaces), ABS materials, etc.

设备优势 / Equipment Advantages

1. 运用范围广，可雕刻金属材料和部分非金属材料。
 2. 标记不会因环境关系 (触摸、酸性及碱性气体、高温、低温等) 而消退，具有较高的防伪性。
 3. 线宽可小到10um，深度可达10um以下，可对“毫米级”尺寸大小的零件表面进行标记。
 4. 标记效果精美，工艺美观，精度较高，可提升产品档次，提升产品附加值。
 5. 无耗材、无污染、节能环保、符合欧洲环保标准；操作简单易学，不需要太多的人工成本；高效率，寿命长免维护等性能。
-
1. It has a wide range of applications and can be used to engrave metallic materials and some non-metallic materials.
 2. Marks do not fade due to environmental relationships (touch, acid and alkaline gases, high temperatures, low temperatures, etc.) and have high anti-counterfeiting properties.
 3. Line widths can be as small as 10um and depths up to 10um, marking the surface of parts of the "mm" size.
 4. The marking effect is exquisite, the process is beautiful, and the precision is high, which can improve the product grade and enhance the added value of the product.
 5. No consumables, no pollution, energy saving and environmental protection, in line with European environmental standards; easy to learn, no need for too much labor costs; high efficiency, long life and maintenance-free performance.

技术参数 / Technical Parameters

型 号	CX-30G/50G/100G
输出功率	30W/50W/100W
输出波长	1064nm
重复频率	20~80Khz
雕刻线速	≤7000mm/s
最小字符	0.15mm
重复精度	±0.002mm
冷却系统	内置风冷
供电电源	AC 110V/220V ±10%, 50HZ
整机功率	500W

Model	CX-30G/50G/100G
Laser power	30W/50W/100W
Laser wavelength	1064nm
Repeat frequency	20~80KHz
Engraver speed	≤7000mm/s
Minimum font	+/-0.15mm
Repeat positioning accuracy	±0.002mm
Control system	Internal air cooling
Power supply	AC 110V/220V ±10%, 50HZ
Whole power	500W

样品展示 / Sample show



让每一个客户都用好激光机!
Make Sure Every Customer Use Laser Machine Well!

CO₂ LASER CUTTING MACHINE CO₂ LASER MARKING MACHINE

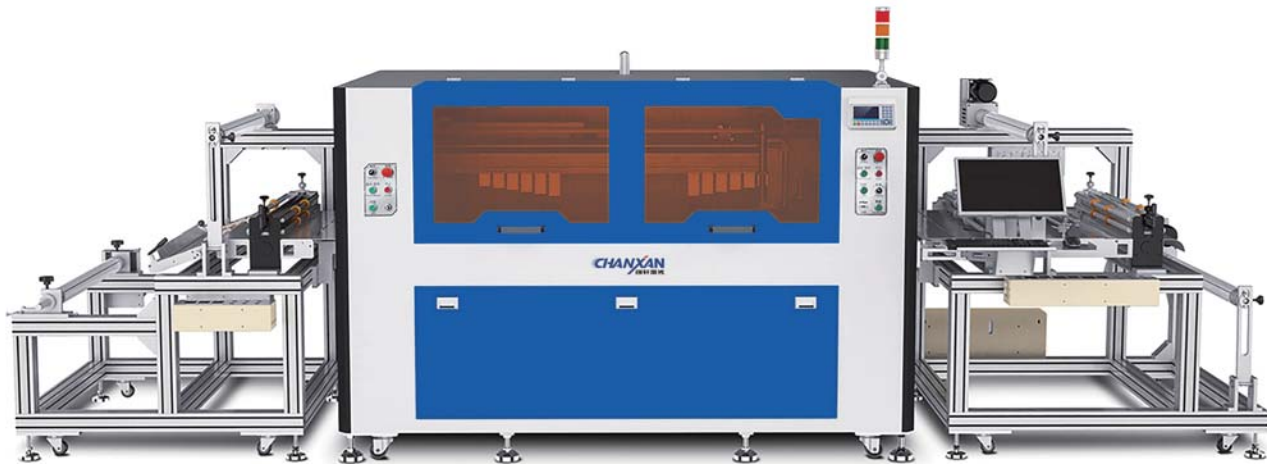
二氧化碳激光切割机、打标机系列



CUSTOMIZED FILM FAST PUNCHING MACHINE



CW/X-150SF 定制款膜类快速打孔机



应用领域 / Applicable Fields

可以加工的材料以及行业非常广泛，可用于PE、PVC、PET、OPP、塑料、非金属材料薄膜的切割打孔。

The materials and industries are very wide, and can be used for cutting and punching on PE, PVC, PET, OPP, plastic, and non-metallic material films.

设备优势 / Equipment Advantages

1. 机架采用钣金结构。

2. 进口350W射频激光器，使用寿命长，稳定性高。

3. 美国原装II VI 光学镜片，光束传输稳定、光斑效果极佳。

4. 振镜切割头运动直线电机，运行平稳、精度高、速度快。

5. 卷对卷自动送料，送料精准，节省人工。
1. The frame adopts sheet metal structure.

2. Imported 350W RF laser, long service life and high stability.

3. American brand II-VI lens, stable beam transmission and excellent spot effect.

4. The galvanometer cutting head is driven by a linear motor, with stable operation, high precision and fast speed.

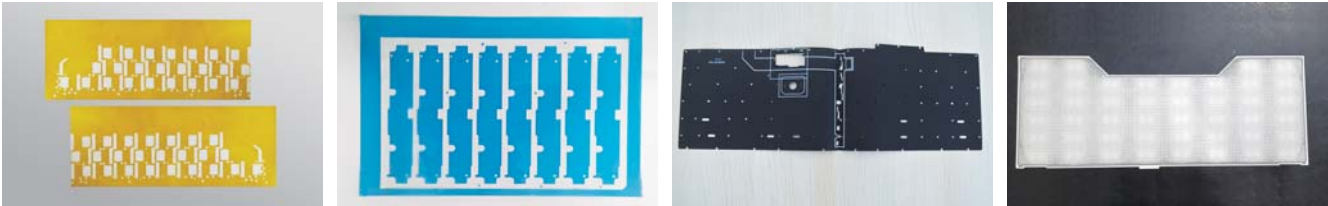
5. Roll-to-roll automatic feeding, accurate feeding, saving labor.

技术参数 / Technical Parameters

型 号	CW/X-150SF
激光器类型	CO ₂ 射频激光器
激光波长	10.6μm
输出功率	150W/350W 可选
加工面积	100*100mm
切割/打标速度	≤7000mm/s
定位精度	±0.02
冷却方式	水冷
工作电压	AC 220V±10%, 50HZ/60HZ
整机功率	3.5KW
整机重量	1000KG
整机尺寸	L4280*W1650*H1450mm

Model	CW/X-150SF
Laser type	CO ₂ RF Metal Tube
Laser wavelength	10.6μm
Output power	150W/350W Optional
Working area	100*100mm
Cutting/Marking speed	≤7000mm/s
Positioning accuracy	±0.02
Cooling method	Water cooling
Operating voltage	AC 220V±10%, 50HZ/60HZ
Total power	3.5KW
Total weight	1000KG
Dimension	L4280*W1650*H1450mm

样品展示 / Sample show



HIGH-PRECISION HIGH-POWER CO₂ LASER CUTTING MACHINE

SG-1390/1325 大功率丝杆精密切割机



SG-1325



SG-1390



应用领域 / Applicable Fields

亚克力、竹木制品、塑胶制品、滤芯等10mm以上非金属材料高速及精密切割。

High-speed and precision cutting of 10mm or thicker non-metal materials such as acrylics, bamboo and wood products, plastic products and filters.

设备优势 / Equipment Advantages

1. 采用高精度伺服丝杠传动系统, 安装调试时通过精密准直仪测试。
 2. 优异的断点再续功能, 有效的降低非正常作业而产生的不良率。
 3. 非接触式切割, 无机械应力, 切口平滑无飞边、自动收口, 无变形, 无需二次抛光。
 4. 高功率激光器大大提高切割雕刻速度, 最高提速至2-5倍, 可满足厚板的高效切割。
1. High-precision servo screw motion system, tested by precision collimator during installation and aligning.
 2. Excellent stop point restart function to effectively reduce the failure rate caused by improper operation.
 3. Non-contact cutting with no mechanical stress to deliver nice and auto sealing cutting edge without deformation, no need for polishing.
 4. The high-power laser greatly improves the cutting and engraving speed up to 2-5 times faster, which can meet the efficient cutting of thick boards.

技术参数 / Technical Parameters

型 号	SG-1390	SG-1325
加工面积	1300*900mm	1300*2500mm
激光类型	封闭式CO ₂ 激光管 300W及以上	封闭式CO ₂ 激光管 300W及以上
切割速度	0~800mm/s	0~800mm/s
空程速度	0~1000mm/s	0~1000mm/s
定位精度	<±0.02mm	<±0.02mm
支持格式	DXF/PLT/BMP/AI/HML/DST	DXF/PLT/BMP/AI/HML/DST
冷却系统	强制水冷保护系统	强制水冷保护系统
整机功率	大于3000W	大于3500W
机器净重	500kg	800kg
工作温度	1°C ~ 45°C	1°C ~ 45°C
机器尺寸	2200x2000x1230mm	3620x2000x1230mm

Model	SG-1390	SG-1325
working area	1300 *900mm	1300 *2500mm
laser power	≥ 300W	≥ 300W
cutting speed	0~800mm/s	0~800mm/s
Idle speed	0~1000mm/s	0~1000mm/s
Preposition accuracy	< ±0.02mm	< ±0.02mm
Supported formats	DXF/PLT/BMP/AI/HML/DST	DXF/PLT/BMP/AI/HML/DST
cooling mode	enforced water cooling system	enforced water cooling system
whole machine power	> 3000W	> 3500W
whole machine weight	500kg	800kg
Working temperature	1°C ~ 45°C	1°C ~ 45°C
dimension	2200x2000x1230mm	3620x2000x1230mm

样品展示 / Sample show



CCD CAMERA LASER CUTTING MACHINE

CW-1814HFS/CW-960S 视觉定位切割机



高质量，高辨识度触摸屏控制系统让操作更简单，方便。

High quality, high identification touch-screen control system, make the operation very easy and convenient.



高通透性侧面和上面防护罩板，保证切割区域优质的采光，保证高精度切割。

High permeability side and top protective cover, make the cutting area gets good lighting, guarantee high precision cutting.



高分辨率Canon 相机，完美的辨识被切割布料的轮廓及设计，进行快速切割。

High resolution Canon camera, perfect identified the outline and design of the fabrics make the cutting in quickly.



激光头吹气控制系统，适用于不同材料的切割，调节更加精准。

Laser head with blowing control system, apply for cutting different materials, adjustment is more convenient



可调节自动送料装置，让送料更加精准。

Adjustable auto-feeding device, make the cutting more precision.



专业用工业强制制冷设备，有效的保证激光器的工作温度，让切割效果更好，同时也有有效的延长了激光器的工作寿命。
Professional industry water cooling chiller, not only ensure the laser tube's working temperature stable, make the cutting more effective, but also prolong life-span the life of laser tube .

设备优势 / Equipment Advantages

1. 软件识别图形轮廓，自动生成切割路径并完成切割。避免了用户因为定位不准确造成的材料及时间的浪费。
 2. 支持设置相机标定偏移补偿，修正识别在设备运行一段时间后出现的整体偏移，确保图形切割准确。
 3. 采用余量控制方式，用传感器探头探测布料余量的长短，自动开启和关闭送料电机，达到布料的自由无拉伸输送。
 4. 高像素抓取图形，最大识别区域可达4平方米。
1. The software recognizes the contour of the graphic, automatically generates the cutting path and completes the cutting. The waste of materials and time caused by inaccurate positioning is avoided.
 2. Machine supports camera calibration compensation, and corrects the overall offset that occurs after the device has been running for a period of time to ensure accurate contour cutting.
 3. The Residual Amount Control System is used to detect the length of the cloth balance by the sensor probe, and the feeding motor is automatically turned on and off to achieve the free and non-stretching conveyance of the cloth.
 4. High pixel capture graphics with a maximum recognition area of up to 4 square meters.

应用领域 / Applicable Fields

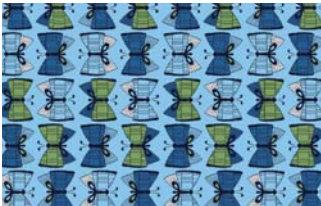
大面积印花面料准确裁切，异形及复杂图案的自动识别切割，绣花、商标织唛等纺织工艺的精准切割；广告喷绘、写真布等定位切割。Accurate cutting for large-size printed fabrics; automatic recognizing and cutting of irregular shapes and complex patterns; precise cutting of embroidery designs and woven labels; positioning and cutting of printed materials etc.

技术参数 / Technical Parameters

型 号	CW-1814HFS
工作面积	1800*1400 mm
激光功率	80-130W可选
激光类型	CO ₂ 封离式玻璃激光器
镜片	全套进口美国激光传导镜片
冷却类型	水冷系统
雕刻扫描速度	0-60000mm/min
切割速度	0-40000mm/min
激光能量控制	0-100%软件设定
最大扫描精度	Canon高分辨率单反相机
定位精度	≤ ± 0.02mm
控制软件	创轩专业激光智能识别切割系统
支持图形格式	DST PLT BMP DXF DWG AI LAS等
支持软件	TAJIMA, CORELDRAW, PHOTOSHOP, AUTOCAD等
整机重量	600KG
驱动系统	步进电机及皮带驱动系统
辅助装置	排风机及排烟管
电源	AC110V/220V ±10%, 50HZ/60HZ
工作环境	温度：1-45℃,湿度：5-95%

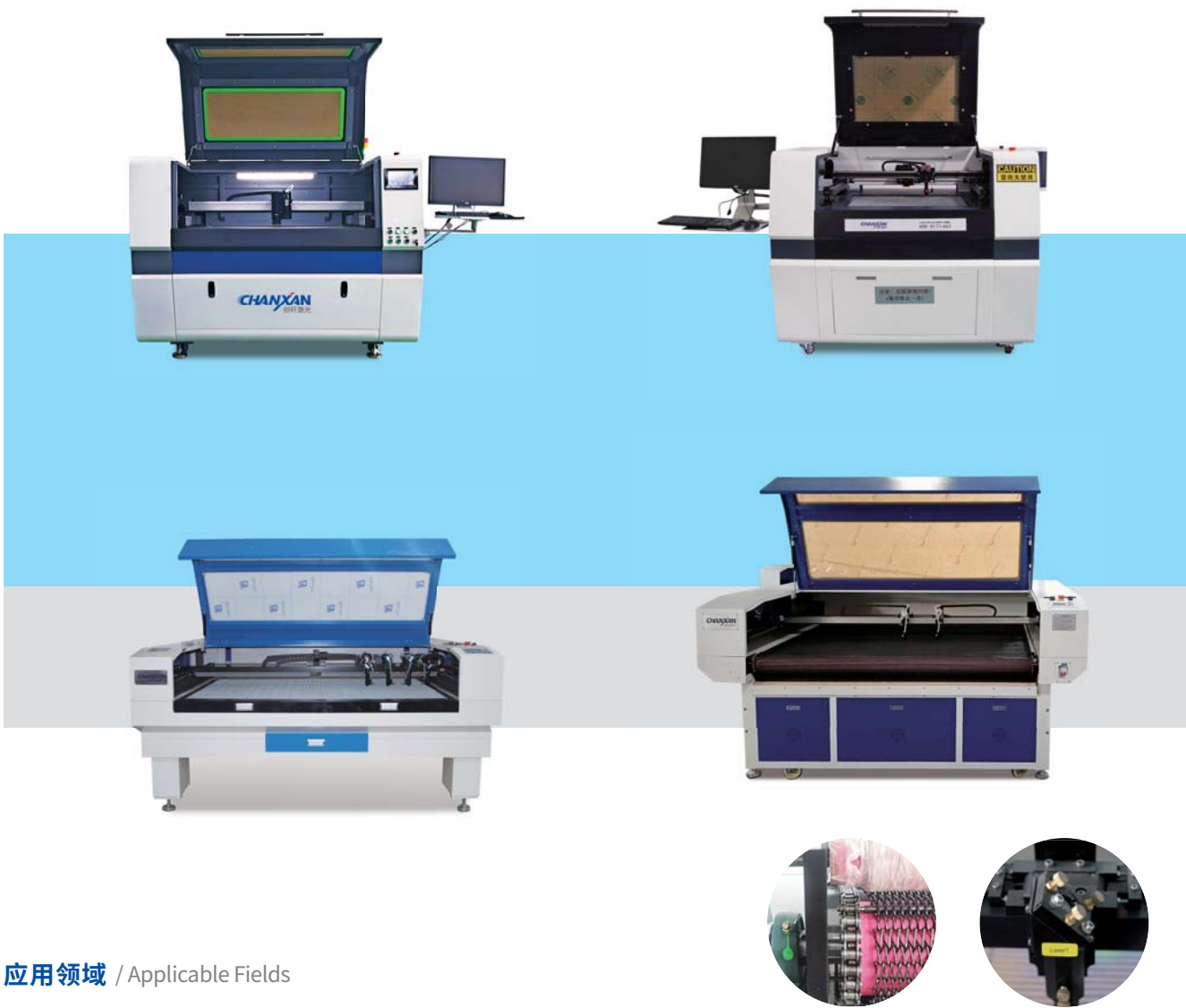
Model	CW-1814HFS
Working area	1800*1400 mm
Laser power	80W-130W optional
Laser type	CO ₂ glass tube
Lens	A full set laser transmission lens imported from USA
Cooling type	Water cooling system
Carving scanning speed	0-60000mm/min
Cutting speed	0-40000mm/min
Laser power control	0-100% by software
Maximum scanning accuracy	High resolution Canon SLR camera
Positioning accuracy	≤ ±0.02mm
Control system	Chanxan professional laser intelligent identification system
Graphic format supported	DST/PLT/BMP/DXF/DWG/AL/LAS
Software supported	TAJIMA/CORELDRAW/PHOTOSHOP/AUTOCAD AND ETC
Machine weight	600KG
Drive system	Stepper motor and belt drive system
Accessories	Exhaust fan and pipe
Power	AC 110V/220V ±10%,50HZ/60HZ
Working condition	Temperature:1-45℃, humidity:5-95%

样品展示 / Sample show



CO2 LASER CUTTING MACHINE

CW-960/1390/1610/1810/1910 二氧化碳切割机



应用领域 / Applicable Fields

适用材料：皮革、布料、橡胶、竹木、包、服装、鞋、玩具和箱包等雕刻和切割。
适用行业：本类机械用于商标织唛、服装皮革、布制玩具、电脑绣花裁剪、牛仔制衣、刺绣家纺、模板切割和纸制品的切割。

Applicable materials: engraving and cutting of leather, fabrics, rubber, bamboo, bags, apparels, shoes, toys and bags.
Applicable industries: woven labels, badges, fabrics, leather, toys, embroidery design cutting, denim garments, embroidery home textiles, mould and paper products cutting

设备优势 / Equipment Advantages

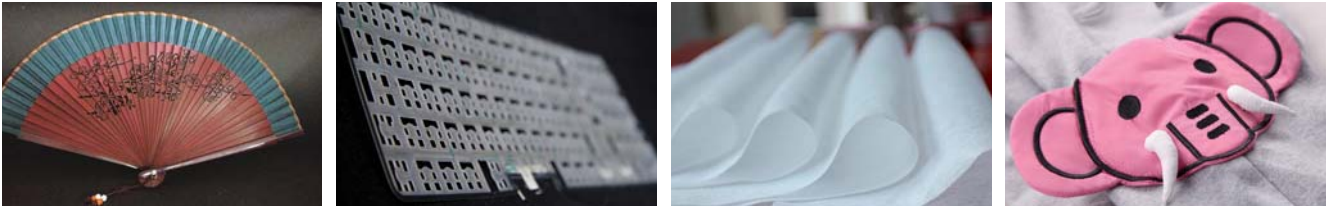
1. 独家工艺研发, 避免切割边缘熏黄熏黑传统激光切割的问题。
 2. 新款机型配备横梁保护装置、模组导轨装置、高速伺服电机。
 3. 快速曲线切割功能: 任意曲线均能快速连续切割。
 4. 具备功率、频率与速度跟随功能, 有效减少拐角切边毛刺; 转角能量跟随技术, 使尖角切割技术更完美。
 5. 可根据需要在软件设计路径优化方案, 缩短加工时间, 提高效率。
 6. 可根据需求或行业增配摄像头, 不锈钢底板等部件; 提升工艺或效率。
1. Exclusive process development to avoid the problem of traditional laser cutting with yellow or dark edge.
 2. The new model is equipped with beam protection device, modular guide rail device, and high-speed servo motor.
 3. Fast curve cutting function. Any curve can be cut continuously in rapid succession.
 4. With power, frequency and speed following function, it effectively reduces corner burrs; corner energy following technology makes sharp angle cutting technology more perfect.
 5. The software design path can be optimized as needed to reduce processing time and improve efficiency.
 6. CCD cameras, stainless steel baseboard or other parts could be added to meet the requirements and improve the efficiency.

技术参数 / Technical Parameters

型 号	CW-960	CW-1610	CW-1810
加工面积	900x600 mm	1600x1000mm	1800x1000 mm
激光功率	80W/100W/150W	80W/100W/150W	80W/100W/150W
激光类型	封闭式CO ₂ 激光管	封闭式CO ₂ 激光管	封闭式CO ₂ 激光管
切割速度	0-800mm/s	0-800mm/s	0-800mm/s
雕刻速度	0-1000mm/s	0-1000mm/s	0-1000mm/s
定位精度	<±0.02mm	<±0.02mm	<±0.02mm
支持格式	DXF/ PLT / BMP/ AI / HML / DST	DXF/ PLT / BMP/ AI / HML / DST	DXF/ PLT / BMP/ AI / HML / DST
工作电压	220 ± 10% 50Hz(60Hz)	220 ± 10% 50Hz(60Hz)	220 ± 10% 50Hz(60Hz)
冷却系统	强制水冷保护系统	强制水冷保护系统	强制水冷保护系统
整机功率	1500W	1500W	1500W
重 量	350KG	450KG	500KG
工作温度	1℃-45℃	1℃-45℃	1℃-45℃
工作湿度	5%-95% 无凝水	5%-95% 无凝水	5%-95% 无凝水
尺 寸	1600 x1350x1120 mm	2200 x1650x1130 mm	2400 x1650x1130 mm

Model	CW-960	CW-1610	CW-1810
Process area	900x600 mm	1600x1000mm	1800x1000 mm
Laser power	80W/100W/150W	80W/100W/150W	80W/100W/150W
Laser type	CO ₂ laser glass tube	CO ₂ laser glass tube	CO ₂ laser glass tube
cutting speed	0-800mm/s	0-800mm/s	0-800mm/s
engraver speed	0-1000mm/s	0-1000mm/s	0-1000mm/s
positioning accuracy	<±0.02mm	<±0.02mm	<±0.02mm
Supported formats	DXF/PLT/BMP/AI/HML/DST	DXF/PLT/BMP/AI/HML/DST	DXF/PLT/BMP/AI/HML/DST
Power	AC 110V/220V ± 10%,50HZ/60HZ	AC 110V/220V ± 10%,50HZ/60HZ	AC 110V/220V ± 10%,50HZ/60HZ
Cooling system	water cooling and protection system	water cooling and protection system	water cooling and protection system
whole power	1500W	1500W	1500W
Net weight	350KG	450KG	500KG
Work temperature	1℃ - 45℃	1℃ - 45℃	1℃ - 45℃
Working humidity:	5-95%	5-95%	5-95%
Machine dimension	1600 x1350x1120mm	2200 x1650x1130mm	2400 x1650x1130 mm

样品展示 / Sample show



LARGE FORMAT DYNAMIC CO2 LASER MARKING MACHINE WITH RF METAL TUBE

CX-80FD/100FD/CXF-6060S/1212S
大幅面动态射频打标机



设备优势 / Equipment Advantages

- 1. 适合各种非金属材料的大面积雕刻打标;可分层设置,一次实现表面雕刻、镂空及切割工艺的完美结合。
 - 2. 可应用于软性及低密度板材的切割,激光能量强,光斑细,机械应力小,切割速度较传统切割机提高5-10倍。
 - 3. 纺织类面料可整卷雕花,飞行打标,牛仔布雕花、激光水洗。
 - 4. 采用全封闭光路、进口CO2射频激光器、严格多重保护控制设计。
1. Suitable for large-area engraving marking of various non-metallic materials; layered setting, perfect combination of surface engraving, hollowing and cutting.
2. It can be applied to the cutting of soft and low-density sheets. It has strong laser energy, fine beam and small mechanical stress. The cutting speed is 5-10 times higher than that of traditional cutting machines.
3. Ideal for marking rolled fabrics, marking on jeans to get different marking effects and flying marking.
4. Fully enclosed optical path, imported CO2 RF laser, and strict multiple protection control design.

应用领域 / Applicable Fields

纺织类面料可整卷雕花,飞行打标,牛仔布雕花、激光水洗。
Ideal for marking rolled fabrics, marking on jeans to get different marking effects and flying marking.

技术参数 / Technical Parameters

型 号	CXF-6060S/1212S
工作面积	600*600mm, 1200*1200mm
激光功率	100W-600W 可选
激光波长	10640nm
激光类型	美国进口射频封装式激光器
镜片	全套进口美国激光传导镜片
冷却类型	专业工业强制水冷系统
打标速度	0-7000mm/s
激光能量控制	0-100%软件设定
最小成型字符	1.8mm
最小字符间距	0.4mm
定位精度	≤ ±0.01mm
控制软件	创轩飞行控制系统
支持软件及格式	Photoshop, Coreldraw, Autocad, Plt, Ai, Bmp, Dxf, Shx, Ttf
辅助装置	排风机及排烟管
电源	AC110V/220V±10%, 50HZ/60HZ
工作环境	温度: 1-45℃, 湿度: 5-95%
可选配置	蜂窝台面、前后自动送料系统

Model	CXF-6060S/1212S
Process area	600*600mm, 1200*1200mm
Laser power	100W-600W optional
Laser wavelength	10640nm
Laser type	RF sealed laser generator imported from US
Lens	Laser conductive lens full set imported from US i
Cooling system	Professional industrial forced water-cooling system
Marking speed	0-7000mm/s
Laser energy control	0-100% software setting
Minimum font	1.8mm
Minimum character space	0.4mm
Positioning accuracy	≤ ±0.01mm
Control software	Chanxan dynamic control system
Support format	Photoshop,coreldraw,autocad,plt,ai,bmp,dxf,shx,tff
Auxiliary device	Exhaust fan and exhaust pipe
Power supply	AC 110V/220V ±10%,50HZ/60HZ
Working environment	Temperature:1-45℃,Humidity:5-95%
Optional configuration	Honeycomb table or auto feeding system

样品展示 / Sample show



CO2 LASER MARKING MACHINE WITH RF METAL TUBE

CX-30S/60S/100S CO2射频打标机



应用领域 / Applicable Fields

CO₂激光打标机可雕刻多种非金属材料，广泛应用于皮革、木材、纺织、塑胶、标牌、包装、工艺品、电子、通讯、钟表、眼镜、印刷、装饰等行业。

Popular for non-metal materials marking, widely used in leather, wood, textile, plastic, signage, packaging, crafts, electronics, communications devices, watches, glasses, printing, decoration areas, etc.

设备优势 / Equipment Advantages

1. 采用进口或优质国产CO₂射频激光器，光束质量更好，光电转换率高，性能好，可进行各种精细加工、打孔。

2. 雕刻精度高、标记清晰、不易磨损，打标速度快、性能稳定；设备无需耗材。

3. 工作寿命长，激光输出稳定，适合工业化长时间连续工作的要求，且能充气循环使用。

4. 支持PLT、PCX、DXF、BMP等文件，直接使用SHX、TTF字库，支持自动编码、序列号、批号、日期、条形码及二维码的打标,软件具有图形反打功能。
1. It adopts imported or high-quality domestic CO₂ RF laser source, which has better beam quality, high photoelectric conversion rate and good performance.

2. High engraving precision, clear marking machine, not easy to wear, fast marking speed, stable performance, no consumables for equipment.

3. Long working life, stable laser output, suitable for industrial long-term continuous work, and can be refilled with gas continuing to use.

4. Support PLT, PCX, DXF, BMP and other documents, directly use SHX, TTF fonts, support automatic coding, serial number, batch number, date, barcode and QR code marking, software has graphic anti-play function.

技术参数 / Technical Parameters

型 号	CX-30S	CX-60S	CX-100S
输出功率	30W	60W	100W
输出波长	10.64um	10.64um	10.64um
重复频率	≤20Khz	≤20Khz	≤20Khz
打标速度	≤7000mm/s	≤7000mm/s	≤7000mm/s
最小字符	±0.4mm	±0.4mm	±0.4mm
重复精度	±0.01mm	±0.01mm	±0.01mm
冷却系统	内置风冷或外置水冷	内置风冷或外置水冷	内置风冷或外置水冷
供电电源	AC220V ± 10% /50Hz	AC220V ± 10% /50Hz	AC220V ± 10% /50Hz
整机功率	1500W	1500W	1500W

Model	CX-30S	CX-60S	CX-100S
Laser power	30W	60W	100W
Laser wavelength	10.64um	10.64um	10.64um
Repeat frequency	≤20KHz	≤20KHz	≤20KHz
Marking speed	≤7000mm/s	≤7000mm/s	≤7000mm/s
Minimum font	±0.4mm	±0.4mm	±0.4mm
Repeat positioning accuracy	±0.01mm	±0.01mm	±0.01mm
Control system	Interal air cooling or outer water cooling	Interal air cooling or outer water cooling	Interal air cooling or outer water cooling
Power supply	AC 110V/220V ± 10%,50HZ	AC 110V/220V ± 10%,50HZ	AC 110V/220V ± 10%,50HZ
Whole power	1500W	1500W	1500W

样品展示 / Sample show



CUSTOMIZED LASER EQUIPMENT SHOW

激光定制设备案例展示

案例展示: 木皮激光镭雕机
Case Shows: Wood Bark Laser Engraving Machine



案例展示: 自动化水口切割
Case Shows: Automatic Plastic Model Nozzle Cutting



案例展示: 新能源电池导电电路剥漆
Case Shows: New energy battery conductive circuit paint stripping



案例展示: 个性化旋转打标
Case Shows: Customized Rotary Marking



案例展示: 六轴联动机器人机械臂切割机
Case Shows: Six-axis Linkage Robot Manipulator Laser Cutting Machine



案例展示: 六工位旋转打标
Case Shows: Six-station Rotary Marking



案例展示: 汽车配件破氧
Case Shows: Auto Parts Removing Paint



案例展示: 电芯胶带激光打码机
Case Shows: Battery Tape Laser Engraving Machine



案例展示: 木质品激光老化
Case Shows: Laser Aging for Wood Products



认真工作 快乐生活

我们在创轩激光

WORK HARD, LIVE HAPPILY,
WE ARE AT CHANXAN LASER



创轩激光在谋求企业发展的同时，积极建设学习型企业文化。企业的生命在于发展，发展的关键在于创新，创新的源泉在于学习。从学习、创新到企业和员工的全面发展，使员工在不断提高和创新自我的过程中感悟到意义和价值。从而提高员工的能力和素质，为公司的发展提供动力和保证！

Chanxan Laser is actively building a learning corporate culture while seeking development. The life of an enterprise lies in development, the key to development lies in innovation, and the source of innovation lies in learning. From learning and innovation to the all-round development of the company and employees, employees can perceive meaning and value in the process of continuous improvement and innovation. So as to improve the ability and quality of employees, provide motivation and guarantee for the development of the company!



客户风采 / Customers Show



展会风采 / Exhibition Show



资质荣誉 / Qualification



发明专利 / Patents

创轩激光目前已获得各类专利技术100余项,自主品牌两个,报质监部门建立了自己的产品质量标准,并积极参与行业标准制定;公司还配备了几十套激光加工系统,为客户提供更多增值服务,也为工艺研发提供了完备的硬件设施。做好激光设备、开发激光工艺、推广激光应用。

Chanxan Laser has obtained more than 100 patented technologies and two independent brands. It has been reported to the quality supervision department to establish its own product quality standards and has been actively participating in the formulation of industry standards; the company is also equipped with dozens of laser processing systems to provide customers with more value-added services, also to provide complete hardware facilities for process research and development. Chanxan tries to do well in laser equipment, develop laser technology, and promote laser applications.



我们部分合作伙伴 / Our Partners Show

(排名不分先后 names not listed in order)



Make Sure Every Customer Use
Laser Machine Well

让每一个客户都用好激光机

科研院所 / Research Institutes

(排名不分先后 names not listed in order)



更多详情请登陆官网

www.chanxan.com