激光雕刻切割机

Laser Engraving and Cutting Machine



应用领域

适用于各类非金属材料如面料、牛仔布、沙发布、皮革，及PVC、亚克力、纸板、木板的激光切割和雕刻工艺。广泛应用于服装、鞋帽、箱包、玩具、家具、汽车内饰等行业领域。

性能特点

- 切割精度高、速度快，多用于复杂图形及多孔径产品。
- 切割边缘光滑无毛刺，收边效果佳。
- 无接触式切割，搭配吸风装置，固定材料不走位。
- 工业水冷却系统，延长激光管使用寿命。
- 高精度导轨模组，光路定位精准、输出恒定。
- 断电续切功能，确保意外断电，恢复供电即可接续加工。
- 智能人机交互，动态可视化轨迹，工时实时预览，操作简单高效。
- 与 AutoCAD、CorelDraw、 AI、服装 CAD 等软件无缝对接，操作便捷。

Application

Suitable for laser cutting and engraving of various non-metal materials such as fabrics, denim, upholstery textiles, leather, as well as PVC, acrylic, cardboard, and wood. Widely applied in industries including garments, footwear, bags & luggage, toys, furniture, and automotive interiors.

Features

- High cutting precision and fast speed, ideal for complex patterns and multi-hole designs.
- Smooth cutting edges without burrs, ensuring excellent finishing quality.
- Non-contact cutting process combined with vacuum suction system to secure materials and prevent displacement.
- Industrial-grade water cooling system to extend laser tube lifespan.
- High-precision linear guide modules ensure accurate optical path positioning and stable output.
- Power-off resume function allows processing to continue seamlessly after unexpected power interruptions.
- Intelligent HMI with dynamic visualized cutting paths and real-time processing time preview for simple and efficient operation.
- Fully compatible with AutoCAD, CorelDRAW, Adobe Illustrator, and garment CAD systems for user-friendly operation.

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常规型号 Models

产品型号 Models	系列 Series	激光功率 Laser Power	工作面积 Working Area	机器尺寸 Machine Size (L×W×H)
GOA-LC	N	80W/100W/130W	900mm×600mm	1450mm×1160mm×1200mm
GOA-LC	N	80W/100W/130W	1300mm×900mm	1850mm×1460mm×1200mm
GOA-LC	N	80W/100W/130W	1300mm×1500mm	1850mm×2060mm×1200mm
GOA-LC	N	80W/100W/130W	1600mm×1000mm	2180mm×1560mm×1200mm

参数说明 Parameters

最大工作速度： Max. Working Speed:	1000mm/s
切割定位精度： Cutting Positioning Accuracy:	±0.05mm
兼容图形格式： Compatible Graphic Formats:	DXF, PLT, BMP, AI, DST, CDR, GIF, JPEG, PCX, TGA, TIFF等 DXF, PLT, BMP, AI, DST, CDR, GIF, JPEG, PCX, TGA, TIFF, etc.
通讯接口： Communication Interfaces:	以太网(10/100M)，USB2.0，WIFI，U盘脱机读写文件。 Ethernet (10/100M), USB 2.0, Wi-Fi, and offline file reading/writing via USB flash drive.
工作环境： Operating Environment:	室内使用，保持空气流通。环境温度 5～35℃，相对湿度 30%～75%，无凝露 Indoor use, maintain air circulation. Ambient temperature 5–35°C, relative humidity 30%–75%, No condensation.
供电电源： Power Supply:	AC220V/110V±10%, 50/60Hz

主要配置 Machine Configuration

- 标配：

  【国产封离式CO2玻璃激光管】【激光切割机专用冷水机】

  【550W排烟机】【微型空气压缩机】

  【可选蜂窝和方格两种规格形式工作平台】

- 选配：

  【2、4激光头】【双横梁】

- Standard Configuration:

  [China Made sealed CO2 glass laser tube] [Laser-specific chiller]

  [550W exhaust fan] [Mini air compressor]

  [Honeycomb and grid types of work platforms]

- Optional:

  [2 or 4 Laser Heads] [Double Beams]

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