

Mini Laser Engraving Machine

M3050 激光雕刻机



Dexterity, Efficient and Mini

灵巧、高效、迷你

50w Non-metallic CO2 laser engraving solution for makers

50W 非金属co2激光机创客雕刻解决方案

Processing industry and materials 行业和材料

Acrylic, plexiglass, advertising signs, craft gifts, crystal jewelry, paper cutting technology, bamboo carving technology. Printing plate making, garment leather, embroidery, decoration, photo frame making and other industries.

亚克力、有机玻璃、广告牌、工艺礼品、水晶首饰、剪纸工艺、竹雕工艺。印刷制版、服装皮革、刺绣、装饰、相框制作等行业。

Advantage 优势

• Control system 控制系统

A1 is a control system for small laser engraving and cutting machines. It supports CorelDraw, AutoCAD, and Illustrator export menus, supports customized development, and supports WiFi communication, supports Lightburn software.

A1是用于小型激光雕刻和切割机的控制系统。它支持CorelDraw、AutoCAD和Illustrator导出菜单，支持自定义开发，并支持WiFi通信，支持Lightburn软件。

• Advantages and configurations 优点配置

Equipped with a pull-out waste drawer, it enables one-step material collection and scrap cleaning after processing, greatly improving operation efficiency; built-in integrated water chiller eliminates the need for additional external equipment, saving space while ensuring stable operation and extending service life.

配备抽拉式废料抽屉，加工后取件清废一步到位，大幅提升操作效率；内置一体化水冷机，无需额外外接设备，省空间更保障设备稳定运行、延长使用寿命。

• visualisation window 可视化窗口

The whole transparent acrylic window is used to facilitate the observation of working conditions beautiful, protect eyes.

整体采用透明亚克力窗，便于观察工作状态，美观大方，保护眼睛。

Detail display 细节展示



Technical Parameters 技术参数

Model 型号	M3050
Laser Power 激光功率	50W
Working Area 工作区域	300mm×500mm
Laser Type 激光类型	CO2 sealed-off layers of glass tube (CO2封离式玻璃管激光器)
Control and Drive 控制与区域	Topwisdom A1 control and stepper motor (泰智A1控制系统和步进电机)
Kvw 工作电压	AC220V 50Hz
Positioning Accuracy 加工精度	0.05mm
Total Power总功率	≤1500W
Machine Size(mm) 机器尺寸(mm)	910×590×250

Optional 选配

Honeycomb table , CCD