

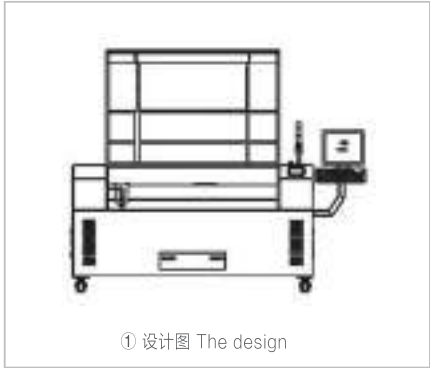
HIGH PRECISION LASER CUTTING MACHINE

CW-650R 高精密激光切割机

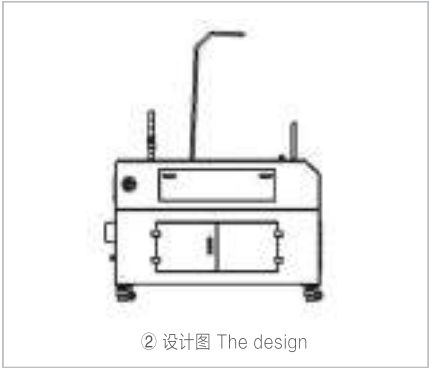


应用领域 / Applicable Fields

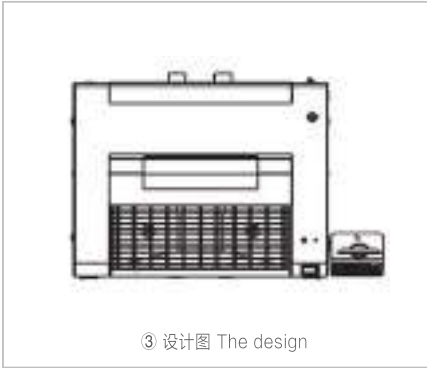
电子材料精密切割、膜材料半穿切割、电子行业模切、其他非金属材料的高精度切割及开口。
Applicable Fields: precision cutting of electronic materials, semi-cutting of film materials, die-cutting in the electronics industry, high-precision cutting and opening of other non-metallic materials.



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

产品展示 / Sample show

