

01 全能助手
Almighty Assistant

人性化操作界面与切割参数库全面升级,操作得心应手
The user-friendly operation interface and cutting parameter library are fully upgraded, and the operation is convenient

02 智慧节能
Smart energy saving

全封闭一体化设计,光路免维护,运行成本极低
Fully enclosed integrated design, maintenance-free optical path, extremely low operating cost



03 创收利器
Income generator

中薄板的切割利器,速度与性能完美结合,性价比之王
The cutting expert for medium and thin plates, the perfect combination of speed and performance, the king of cost performance

应用于专业钣金、机箱机柜、电力电气、厨具、办公家具、家用电器、装饰广告等行业
Used in professional sheet metal, chassis cabinets, electrical appliances, kitchen utensils, office furniture, household appliances, decorative advertising and other industries



HLB系列 光纤激光切割机
HLB Series Fiber laser cutting machine

德国原装BECKHOFF数控系统
German original BECKHOFF CNC system



04 经典传承
Classic inheritance

龙门双驱床身结构,高刚性激光焊接横梁,直接交换工作台,运行高效稳定

Gantry double-drive bed structure, high-rigidity laser-welded beams, direct exchange of worktables, efficient and stable operation

05 编程软件
Programming software

标配嵌入式编程软件,操作简单、易学,与HMI人机交互界面完美结合,超快速编程
standard embedded programming software, easy to operate, easy to learn, perfectly integrated with HMI man-machine interface, super fast programming

主要技术参数 Key technical parameters

名称	Item	单位 Unit	HLB-1530	HLB-2040	HLB-2060
加工范围	Cutting range	mm	3000×1500	4000×2000	6000×2000
X轴行程	X axis stroke	mm	3040	4040	6040
Y轴行程	Y axis stroke	mm	1520	2020	2020
Z轴行程	Z axis stroke	mm	240	240	240
X-Y轴最大联动速度	X/Y maximum trajectory speed	m/min	140	140	140
X/Y轴最大加速度	X/Y maximum acceleration	m/s ²	1.2G	1.2G	1.2G
定位精度	Positioning accuracy	mm	±0.03	±0.03	±0.03
重复定位精度	Repositioning accuracy	mm	±0.02	±0.02	±0.02
工作台最大载重	Maximum load of worktable	Kg	700	1200	2000
机床外形尺寸 (L×W×H)	Machine layout dimension	mm	9000×4800×2200	11500×5000×2200	15500×5000×2200
整机重量	Machine weight	Kg	7000	9000	13000
激光发射器功率	Laser generator power	Kw	1 / 1.5 / 2 / 3 / 4 / 6		