

HLA系列 敞开式光纤激光切割机

HLA Series Opentype fiber laser cutting machine

01 小巧精致

Small and exquisite

整机结构紧凑，占地面积小
Compact structure and small footprints

04 简单稳定

Simple and stable

敞开式龙门双驱、单工作台结构，性能稳定
Open gantry double drive, single table structure, stable performance

05 性能出众

Outstanding performance

板焊床身配合铝合金横梁，满足高加速运动要求
The plate welding frame is matched with the aluminum alloy beam to meet the requirements of high acceleration motion

06 随心所欲

Flexible

分离式电控柜，可以适应不同场地的空间布置
Separate electric control cabinet can adapt to the spatial arrangement of different venues

02 无所不能

Omnipotent

板材切割区域开放，便于上下料，适应多种场地与使用环境
The cutting area is open for easy loading and unloading, adapting to a variety of venues and use environments

03 低碳环保

Low carbon and environmental protection

除尘口靠近切割区域下方，大幅度提升除尘效率，保证机器长期稳定运行
The dust removal port is close to the lower part of the cutting area, greatly improves the dust removal efficiency and ensures the long-term stable operation

主要技术参数 Key technical parameters

名称	Item	单位 Unit	HLA-1530	HLA-2040	HLA-2060	HLA-2560	HLA-2580	HLA-25120
加工范围	Cutting range	mm	3000×1500	4000×2000	6000×2000	6000×2500	8000×2500	12000×2500
X 轴行程	X axis stroke	mm	3040	4040	6040	6040	8040	12040
Y 轴行程	Y axis stroke	mm	1520	2020	2020	2520	2520	2520
Z 轴行程	Z axis stroke	mm	120	120	120	120	120	120
X-Y 轴最大联动速度	X/Y maximum trajectory speed	m/min	140	140	140	140	140	140
X/Y 轴最大加速度	X / Y maximum acceleration	m/s ²	1.2G	1.2G	1.2G	1.0G	1.0G	1.0G
定位精度	Positioning accuracy	mm	±0.03	±0.03	±0.03	±0.03	±0.03	±0.03
重复定位精度	Repositioning accuracy	mm	±0.02	±0.02	±0.02	±0.02	±0.02	±0.02
工作台最大载重	Maximum load of worktable	Kg	700	1200	2000	3000	4000	6000
机床外形尺寸	Machine layout dimension	mm	4550×4500×2000	5550×5000×2000	8500×5000×2000	8500×5500×2100	11000×5500×2100	15500×5500×2100
整机重量	Machine weight	Kg	5000	6000	8000	14000	18000	23000
激光发生器功率	Laser generator power	Kw	1 / 1.5 / 2 / 3 / 4 / 6				6 / 8 / 10 / 12 / 15 / 20 / 30	