

HLE系列 通用型光纤激光切割机
HLE Series Fiber Laser Cutting Machine



- 德国进口Beckhoff数控系统,性能稳定可靠
- 基于PC控制技术定制开发激光切割功能包,软硬件的完美结合
- TwinCAT开放式的控制框架,使用全球当前最高速、可靠的总线技术
- Germany imported Beckhoff CNC controller, stable and reliable performance
- Customized development of laser cutting function package based on PC control technology, perfect combination of software and hardware
- TwinCAT open control framework, using the world's fastest and most reliable bus technology
- 龙门式钢结构焊接床身,大型回火炉整体退火消除内应力,刚性好,稳定不变形
- 机床采用整体焊接形式,经欧洲进口高精度龙门加工中心一次性加工成型
- 无需做地基即可保证设备长期稳定运行,缩短调试周期
- Gantry type steel structure welding bed, large tempering furnace integral annealing to eliminate internal stress, good rigidity, stability and no deformation
- The machine adopts the integral welding,processed in one time by a high-precision gantry machining center imported from Europe.
- No foundation is required to ensure long-term stable operationand shorten the commissioning period
- 中薄板高速切割,运行快速可靠
- YAWEI独创雷暴穿孔切割工艺,提升整体切割效率,省时省力
- High-speed cutting of medium and thin plates, fast and reliable operation
- YAWEI's original cutting technology of thunder piercing canimprove the overall cutting efficiency and saves time and effort
- 可利用cnckad标配的auton-est模块高级自动套裁实现不同材质不同板厚的批量排版加工
- 最大限度的优化排版,节约材料,提高加工效率
- 高效的自动套裁模块,配合图形实时模拟,使您的编程得心应手,事半功倍
- The advanced automatic nesting of the standard auton-est module from CNCKAD can be used to realize batch typesetting processing of different materials and different plate thicknesses
- Maximize layout optimization, save materials and improve processing efficiency
- Efficient automatic nesting module, combined with graphic real-time simulation, make your programming handy and do more with less.

01 高性能 低成本
High performance and low cost

控制的快速响应,省气省电省成本
Quick response to control, saving gas, electricity and cost

02 一流品质
Top quality

采用亮面切割技术,切割速度快、坡度小、粗糙度低
Using bright surface cutting technology, fast cutting speed, small slope, low roughness

03 坚如磐石
Become rock-firm

龙门双驱高刚性床身结构,退火去应力运行高效稳定
Gantry double-drive high-rigidity bed structure, annealing and stress-relieving operation to sensure efficient and stable running

04 操作得心应手
Handy operation

人性化操作界面与切割参数库全面升级
Humanized operation interface and cutting parameter library are fully upgraded

主要技术参数 Key technical parameters

名称	Item	单位 Unit	HLE-1530	HLE-1560	HLE-2040	HLE-2060	HLE-2560	HLE-2580	HLE-25100	HLE-25120
加工范围	Cutting range	mm	3000×1500	6000×1500	4000×2000	6000×2000	6000×2500	8000×2500	10000×2500	12000×2500
X 轴行程	X axis stroke	mm	3040	6040	4040	6040	6040	8040	10040	12040
Y 轴行程	Y axis stroke	mm	1520	1520	2020	2020	2520	2520	2520	2520
Z 轴行程	Z axis stroke	mm	240	240	240	240	300	300	300	300
X-Y 轴最大联动速度	X-Y maximum trajectory speed	m/min	140	140	140	140	140	140	140	140
X / Y 轴最大加速度	X / Y maximum acceleration	m/s ²	1.5G	1.5G	1.5G	1.5G	1.5G	1.5G	1.5G	1.5G
定位精度	Positioning accuracy	mm	±0.03	±0.03	±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	±0.02	±0.02
工作台最大载重	Maximum load of worktable	Kg	700	700	1400	2000	3000	4000	5000	6000
机床外形尺寸 (L×W×H)	Machine layout dimension	mm	8700×4800×2150	15500×4800×2150	11000×5000×2150	15500×5000×2150	15500×5500×2150	20000×5500×2150	23500×5500×2150	28000×5500×2150
整机重量	Machine weight	Kg	8000	12000	10000	14000	20000	25500	30000	36000
激光发生器功率	Laser generator power	Kw	1 / 1.5 / 2 / 3 / 4 / 6				2 / 3 / 4 / 6 / 8 / 10 / 12 / 15 / 20 / 30			