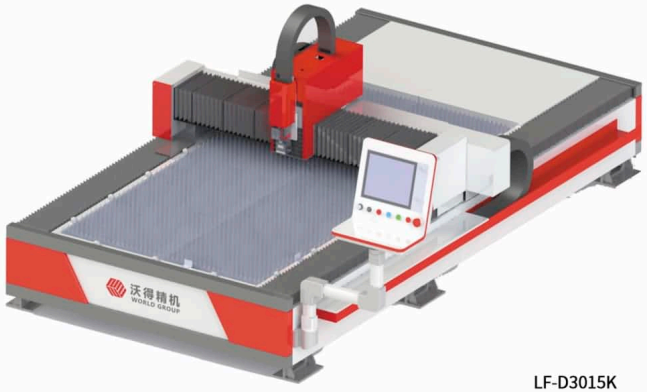
LF/D-3015 数控光纤激光切割机

LF/D-3015 CNC Fiber Laser Cutting Machine

沃得精机数控光纤激光切割机应用范围广、工艺灵活、加工精度高、质量好、生产过程清洁，便于实现自动化、柔性化、智能化。

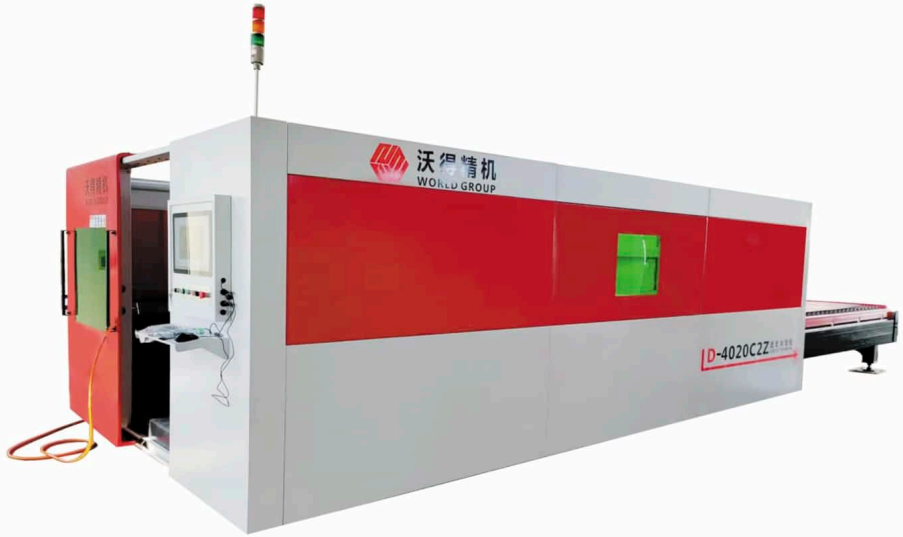


LF-D3015K

性能特点

- 采用龙门双驱动结构，床身和横梁采用高强度钢整体焊接成型，经两次退火处理，大型数控加工中心一次装夹加工，具有较高的形位精度，保证了持久高速加工时的稳定精度；
- 采用原装进口齿轮齿条、高精度进口品牌直线导轨等高效传动机构，刚性好、精度高，保证长期高精度运行；
- 采用光纤激光技术，光路恒定、电光转换效率高，耗电量低，从而降低了运行成本；
- 采用激光切割头带有透镜保护镜及具有自动调焦功能，延长了聚焦镜的使用寿命，简化了操作，切割性能稳定；
- 数控控制系统具有远程诊断功能，自动编程软件可手动和自动任意套料，提高材料利用率，复杂轮廓的切割操作依然简单灵活，实现智能化；
- 高速高效的加工切割，从而加快订单生产过程和总量，低维护成本和高效的能源转换进一步降低了加工成本。

LD - K 单台面激光切割机 LD-K Single Table Laser Cutting Machine					
技术参数 Specifications	单位	LD–3015K	LD–4020K	LD–6020K	LD–6025K
加工范围（长×宽）Processing Range (L × W)	mm	3000×1500	4000×2000	6000×2000	6000×2500
Z轴最大行程 Maximum Stroke Of Z Axis	mm	140	140	140	140
最大定位速度 Maximum Positioning Speed	m/min	100	100	100	100
最大加速度 Maximum Acceleration	G	1	1	1	1
机械重复定位精度≤ Mechanical Repeated Positioning Accuracys ≤	mm	±0.03	±0.03	±0.03	±0.03
选配激光器规格 Optional Laser Specifications	KW	1000/1500/2000/3000/4000/6000			
主机占地尺寸 Floor Area Of Principal Machine	L*W*H	4.5×2.5×1.8	5.6×3.1×1.8	7.8×3.1×1.8	7.8×3.6×1.8



Features

- It adopts double driving structure of gantry, the bed and beam are welded and formed by high-strength steel, after two annealing treatments, the large-scale CNC machining center is clamped at one time, which has high shape and position accuracy, ensures the stable accuracy during the long-term high-speed machining;
- It adopts imported gear rack, high-precision and imported brand linear guide rail and other efficient transmission mechanism, which has good rigidity, high precision toensure long-term and high-precision operation long-term high-precision operation;
- Using fiber laser technology, the optical path is constant、the electro-optic conversion efficiency is high, the power consumption is low, so the operation cost is reduced;
- The laser cutting head with lens protecting mirror and auto focusing function can prolong the service life of the focusing mirror, simplify the operation and stabilize the cutting performance;
- The CNC control system has the function of remote diagnosis, and the automatic programming software can manually and automatically nest, improve the material utilization ratio, the cutting operation of complex contour is still simple and flexible, can realize intelligent;
- High speed and efficient cutting speed up the production process and total amount of the order, low maintenance cost and efficient energy conversion further reduce the machining cost.

LD - 双台面激光切割机 LD- Double Table Laser Cutting Machine					
技术参数 Specifications	单位 Unit	LD–3015Z	LD–4020Z	LD–6020Z	LD–6025Z
加工范围（长×宽）Processing Range (L × W)	mm	3000×1500	4000×2000	6000×2000	6000×2500
Z轴最大行程 Maximum Stroke Of Z Axis	mm	270	270	270	270
最大定位速度 Maximum Positioning Speed	m/min	120	120	120	120
最大加速度 Maximum Acceleration	G	1.2	1.2	1.2	1
机械重复定位精度≤ Mechanical Repeated Positioning Accuracys ≤	mm	±0.03	±0.03	±0.03	±0.03
工作台最大载重 Maximum Load Of Workbench	Kg	1000	1600	2500	3000
选配激光器规格 Optional Laser Specifications	Kw	2000/3000/6000/12000			
主机占地尺寸 Floor Area Of Principal Machine	L*W*H	8.5×3×2.2	11×3.6×2.2	15×3.6×1.8	15×4.1×2.2