π 系列CO_2/光纤激光切割机技术参数

	Lead π Ⅱ F-1530 光纤激光切割机	LEAD π-4020光纤/CO_2激光切割机
行程Stroke		
X轴 (X axis)	1550mm	4000mm
Y轴 (Y axis)	3050mm	2000mm
Z轴 (Z axis)	100mm	100mm
最大定位速度 Max positioning speed	170m/min	150m/min
精度 Accuracy		
X轴定位精度 (X axis positioning accuracy)	±0.03mm/m	±0.03mm/m
X轴重复定位精度 (X axis Repositioning accuracy)	±0.02mm	±0.02mm
Y轴定位精度 (Y axis positioning accuracy)	±0.03mm/m	±0.03mm/m
Y轴重复定位精度 (Y axis Repositioning accuracy)	±0.02mm	±0.02mm
最大加速度 Max Acceleration		
X轴、Y轴 (X axis、Y axis)	1.5g	1.5g
激光发生器功率 Power of Laser		
二氧化碳 (Co_2 Laser)		2000w-6000w
光纤 (Fiber Laser)	2000w-4000w	2000w-4000w
外形尺寸 Overall Dimension		
长/宽/高 (L / W / H)	8472x3530x2200(mm)	10565x3372x2200(mm)
	Lead π - 6022激光切割机	**Lead π - 3015光纤激光切割机**
行程Stroke		
X轴 (X axis)	6000mm	3000mm
Y轴 (Y axis)	2200mm/2500mm	1500mm
Z轴 (Z axis)	100mm	100mm
速度 Speed		
X轴 (X axis)	120m/min	
Y轴 (Y axis)	120m/min	
Z轴 (Z axis)	50m/min	
最大定位速度 (Max positioning speed)		60m/min
精度 Accuracy		
X轴定位精度 (X axis positioning accuracy)	±0.03mm/m	±0.03mm/m
X轴重复定位精度 (X axis Repositioning accuracy)	±0.02mm	±0.02mm
Y轴定位精度 (Y axis positioning accuracy)	±0.03mm/m	±0.03mm/m
Y轴重复定位精度 (Y axis Repositioning accuracy)	±0.01mm	±0.02mm
最大加速度 Max Acceleration		
X轴、Y轴 (X axis、Y axis	1.5g	0.8g
激光发生器功率 Power of the Laser		
二氧化碳 (Co_2 Laser)		
光纤 (Fiber Laser)	2000w-4000w	500w-1000w
外形尺寸 Overall Dimension		
长/宽/高 (L / W / H))	16552x3310x2200(mm)	5500x3100x1700(mm)

■ 本公司有权对设备的外观及规格进行修改，恕不另行告知

服务与支持

苏州领创拥有经验丰富的工程师随时竭诚为您服务，
为更优良的服务于用户，
领创激光建立了完备的机床备件仓库，
为您的维修保养和生产运转提供保障

LEAD LASER

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Suzhou LEAD laser technology CO.,Ltd

LEAD LASER

π 系列激光切割机

领先科技 创造未来
KEEP AHEAD ON THE TECH, AND CREATE THE FUTURE TOGETHER.

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π 系列激光切割机

▲ Lead π – 6022激光切割机
LEAD π-6022 LASER CUTTING MACHINES

▲ Lead π – 3015光纤激光切割机
LEAD π-3015 FIBER LASER CUTTING MACHINE

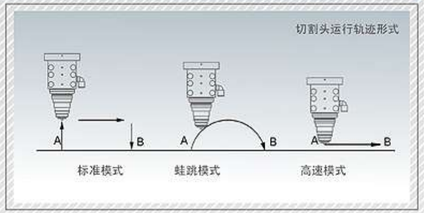
▲ Lead π ‖ F–1530 光纤激光切割机
LEAD π ‖ F-1530 FIBER LASER CUTTING MACHINE

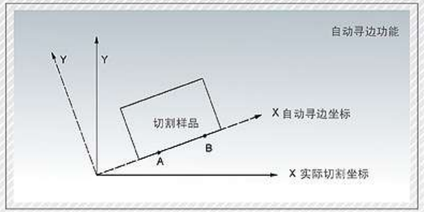
▲ LEAD π –4020光纤/CO_2激光切割机
LEAD π - 4020 FIBER/CO_2 LASER CUTTING MACHINES

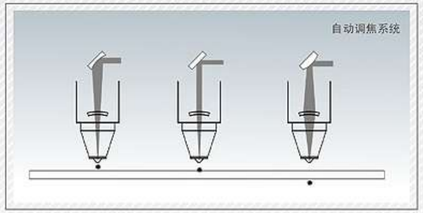
LEAD π 系列数控光纤/CO2激光切割机
LEAD π Series CNC Fiber/CO2 Laser Cutting Machine

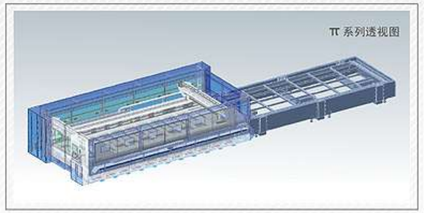
设备特点 Machine Features

- 采用整体式龙门结构、双交流伺服电机高速同步驱动系统。
- 轻质高强度铝合金铸造横梁和Z轴溜板，动态性能极佳。
- 欧洲专业激光切割数控系统，具有激光切割专用功能。
- 德国精密直线导轨及减速机、斜齿轮传动消隙系统，可获得高精、高速和高稳定性。
- 集中润滑及分区除尘系统, 确保整机长期稳定运行。
- 机械式高速双交换工作台。
- 变焦穿孔功能。
- 可选配切割质量智能控制系统。
- 采用集成结构设计，占地面积比同类机型更小。
- 恒光路设计（CO2激光器）。





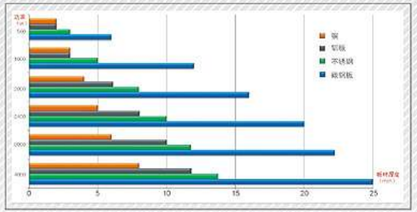




- Integral gantry structure: high speed synchronous driver system with double servo motors.
- High strength aluminum alloy beam and Z axis with excellent dynamic performance.
- Advanced European CNC system specialized for laser cutting.
- German precision linear guide and reducer and helical gear gap. eliminating system to ensure high precision, speed and reliability.
- Central lubrication and the partition dust removing system.
- Mechanical high speed shuttle table.
- Adapted Focal Piercing Function.
- Intelligent Control System of Cutting Quality is an optional.
- Integrated structure design covers a smaller area than other similar model.
- Constant beam path for CO2 laser.

防撞切割头

专用数控系统



加工材料分析

激光切割专用功能

- 激光标记功能：在切割的板材上，可以实施打标。
- 变焦穿孔功能：可编程焦点位置高速下移, 提高穿孔效率。
- 等离子反馈功能：通过检测等离子体, 实现切割质量的实时控制。
- 割缝补偿功能：保证零件切割尺寸精度。
- 共边切割功能：提高材料利用率和效率。
- 扫描切割功能：减少穿孔时间，提高薄板切割效率。
- 工艺数据库：人机界面友好，方便操作。
- 任意点回退功能：允许在漏切或切割异常时返回。
- 功率控制功能：高速模拟调节激光功率, 保证尖角切割效果。
- 随动控制功能：快速自动控制喷嘴与板材距离。
- 蛙跳功能：采用抛物线运动, 减少切割头空运行时间，提高切割效率。
- 自动寻边：自动检测板材边界，确定工件实际加工坐标系。

Laser cutting special functions

- Laser marking function: Can marking on the cutting board.
- Adaptive focus piercing function: Programmable focal position of piercing process, improve piercing efficiency.
- Plasma feedback function: By detecting plasma cut quality to achieve real-time contro.l
- Cutting kerf auto-compensation function: To ensure the dimensional accuracy of the cut parts.
- Common cutting features: Improve material utilization and efficiency.
- Scanning cutting function: To reduce perforation time and improve the efficiency of thin cutting.
- Technology Database: Friendly human-machine interface, easy to operate.
- Any point retrace function: Allows you to retrace when any abnormal occurs.
- Power control function: High-speed analog adjustment of laser power to ensure that the effect of cutting corners.
- Following control function: High response automatic control the distance between the nozzle and the plate.
- Frog-jump function: The cutting head performant parabolic movement, reducing empty running time of the cutting head, improving cutting efficiency.
- Automatic Edge Searching Function: Automatic detection of the plate boundary, to determine the actual processing of the work piece coordinate system.