

## 金属板材平面激光切割机(第八代)

### 悬臂光纤系列激光切割机

Cantilever Fiber Laser Cutter

#### 悬臂激光切割机特点

- 悬臂式开式结构, 可从两个方向上、下料, 操作方便!
- 采用单电机驱动, 因此没有双边同步驱动误差! 精度高、零件切割一致性好, 齿轮、齿条磨损小!
- 切割工作台与主机分离, 因此切割工作台受热变形, 不会影响主机精度!
- 导轨、齿条等远离切割区, 且全封闭防护, 因此不易被粉尘污染, 使用寿命长!
- 悬臂梁采用配重设计, 重心靠近驱动点, 因此有良好的运动稳定性!
- 悬臂梁采用预负载加工技术, 去除了横梁挠度产生的误差!

#### Features of Cantilever Cutting Machine

- Cantilever type open structure; two-way feeding and unloading; easy to operate;
- Single motor drive system avoids possible tolerance occurred in dual motor drive; high accuracy, better consistency of working pieces and small abrasion between gear and rack.
- Temperature distortion of working table will not affect the accuracy of mainframe due to the separate design of working table and mainframe.
- Guide rails and racks, away from cutting area and in whole sealing protection, is difficult to be polluted by dust and have long service time.
- Counter weight design of the cantilever makes center of gravity close to drive point which leads to better stability of motion.
- Preload technology in the cantilever will balance the tolerance caused by deflection.

#### 三系列悬臂光纤激光切割机

#### Three-Series Cantilever Fiber Laser Cutting Machine

#### ■ 综合效能达到国际先进水平

Comprehensive effectiveness is in international advanced level



#### 机床介绍

- 采用国际知名品牌瑞士坤戈精密齿轮齿条、减速机传动部件, 可获得高的空程速度。
- 采用高强度铝合金梁结构, 具备良好的加速特性。
- 定制的SPMC3000数控系统及SPM500智能编程软件使其具备了丰富的激光专用功能, 并可远程诊断。
- 配有自动寻边功能。
- 配有PRECITEC方型切割头。
- 配有安全防护罩壳。
- Precision gear, rack, gear reducers and other transmission parts from World famous brand Swiss GÜDEL enable high travelling speed.
- High strength aluminum alloy beam structure enables it to have good acceleration feature.
- Customized SPMC3000 CNC system and SPM500 intelligent programming software will enrich more dedicated function of the laser; and remote diagnosis is also available
- Equipped with automatic edge-tracing function
- Equipped with Precitec Cutting head
- Equipped with light curtain for safety protection

#### 相关参数

	SLCF-C1530 III/F	SLCF-C1560 III/F	SLCF-C2040 III/F	SLCF-C2060 III/F
切割板材尺寸 Worktable Dimensions	1500×3000mm	1500×6000mm	2000×4000mm	2000×6000mm
速度 Speed	169m/min			
精度 Accuracy	±0.03mm/m			
重复定位精度 Repeatability	±0.02mm			
激光器功率 Laser power	2500-6000W			