

# 龙门式重型光纤激光切割机

Gantry fiber laser cutting machine



# 大台面高精度高速龙门激光切割机

Large table high precision high speed gantry laser cutting machine



- 根据客户需求专业化定制, 可配备管材切割系统
- 加工大幅面板材得心应手, 超长超宽, 应付自如
- 三个数控轴均采用滚动导轨副导向, 高强度焊接钢梁, 加工精度与效率兼顾
- 金属中厚板切割工艺变革, 节能环保, 运行成本低, 精度高, 速度快

- It can be equipped with pipe cutting system according to customer's requirement
- Processing large surface plate handy, super long and super wide, cope with freely
- The three numerical control axes are guided by rolling guide rail, high strength welded steel beam, processing precision and efficiency
- Metal plate cutting process reform, energy saving and environmental protection, low operating cost, high precision, fast speed

BeamTool



PRECITEC



IPG PHOTONICS



轨距 (mm) Track gauge(mm)	3000	3500	4000	4500	5000	5500	6000	6500
切割宽度 (mm) Cutting width (mm)	2000	2500	3000	3500	4000	4500	5000	5500
激光发生器(美国IPG/武汉锐科) Laser Generator-IPG(USA) or Raycus(China)	1000W,1500W,2000W,3000W,4000W,6000W,8000W,10000W,12000W……							
驱动速度 Driving speed	24000mm/min或50000mm/min							
可选配项 Optional items	美国IPG或武汉锐科光纤激光发生器; 上海嘉强或德国普雷茨特自动调焦切割头; 电源稳压器 Laser power supply - IPG (USA) or Raycus(China); Auto focusing cutting head-Precitec or Raytools; power regulator.							
最大切割厚度 Max. cutting thickness	根据切割的材料种类以及选定的激光器功率而定 Depends on material thickness and laser power							
轨距最大10000mm;切割长度=轨道长度-3000mm Max Track Span10000mm;Cutting Length=Track Length-3000mm								

名称 Name	单位 unit	Fiberlase8000G	Fiberlase10000G	Fiberlase12000G
加工范围 Processing range	mm	8000 × 4000	10000 × 4000	12000 × 4000
X轴行程 X-axis stroke	mm	4050	4050	4050
Y轴行程 Y-axis stroke	mm	8050	10050	12050
加速度 Acceleration	G	1.0-1.5	1.0-1.5	1.0-1.5
定位精度 Positioning accuracy	mm	± 0.03	± 0.03	± 0.03
重复定位精度 Repeated positioning accuracy	mm	± 0.03	± 0.03	± 0.03
激光发生器功率 Laser generator power	W	1000--30000		