



百盛激光 智造未来

15 年专注只为更专业

15 YEARS FOCUS ON LASER FIELD

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广州百盛电子科技有限公司是一家集激光、精密机械、数控、软件开发及现代化管理为一体，专业从事大中功率激光设备的研发、生产与销售的高新技术企业。公司已在广州、佛山拥有占地70000平方米的现代化标准厂房，100余台套精密机械加工设备以及300多名充满朝气的员工，年生产能力达3000台套。本公司已成为中国极具领导力和全球知名的大中功率激光设备制造商和解决方案提供商，营销网络遍及全球100多个国家和地区。

Guangzhou Parkson Electronic Technology Co., Ltd. is a set of laser, precision machinery, CNC, software development and modernization of management as a whole, specializing in small and medium power laser equipment R & D, production and sales of high-tech enterprises. The company has in Guangzhou and Foshan has 70000 square meters of modern standard factory buildings, more than 100 sets of precision machining equipment and more than 300 vibrant staff, the annual production capacity of 3000 sets. The company has become China's highly leading and globally renowned small and medium power laser equipment manufacturers and solutions provider, marketing network in more than 100 countries and regions worldwide.



广州总部10000 m²
HEADQUARTER OF GUANGZHOU 10000 m²



第一生产基地40000 m²
FIRST PRODUCTION BASE 40000 m²



第二生产基地10000 m²
SECOND PRODUCTION BASE 10000 m²



第三生产基地10000 m²
THIRD PRODUCTION BASE 10000 m²

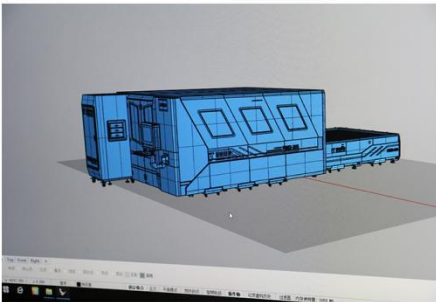
百盛辉煌见证

PARKSON BRILLIANT WITNESS



一条龙生产线

ONE-STOP PRODUCTION LINE



自主研发
PRODUCT DEVELOPMENT



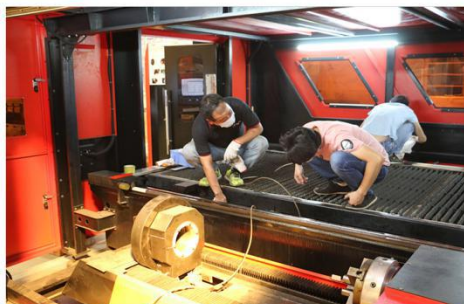
自主钣金喷涂
MANUFACTURING



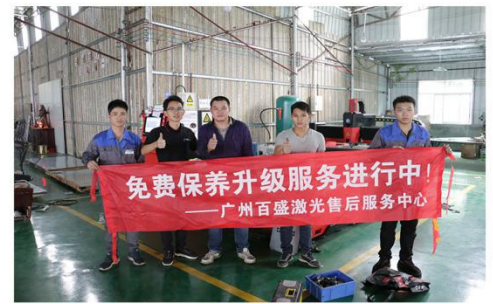
钣金生产
MANUFACTURING



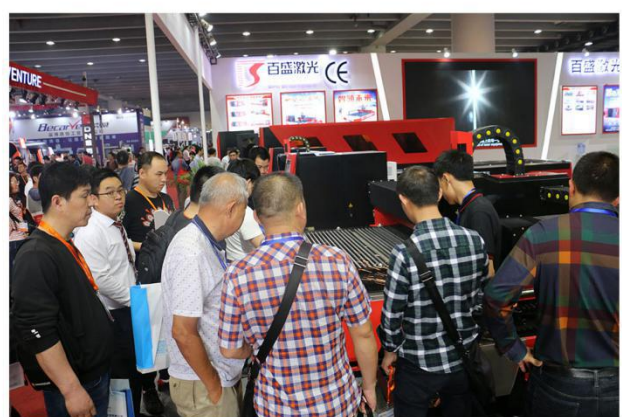
标准化打包模式
DELIVERY



一对一上门安装调试
ONSITE INSTALLATION



定期免费保养
AFTER SALES SERVICE



切割多元化

CUTTING DIVERSITY



环保设备

ENVIRONMENTAL PROTECTION EQUIPMENT



汽车行业/AUTO INDUSTRY



屏风制造

SCREEN MANUFACTURING



餐饮设备/CATERING EQUIPMENT

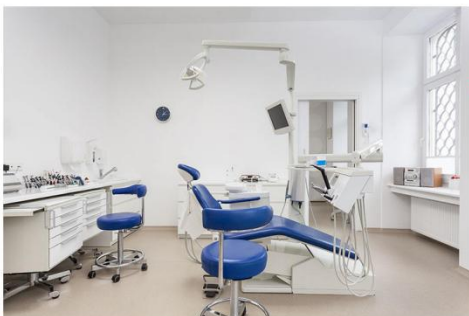


家电行业

HOUSEHOLD APPLIANCE INDUSTRY



广告业/ADVERTIZING



医疗器械部件切割

LASER CUTTING FOR HEALTHCAER INDUSTRY EQUIPMENTS



健身器材金属切割

METAL CUTTING FOR FITNESS EQUIPMENTS



6020HDE-1500W是百盛激光有限公司最新研制开发的具有国际水平的大功率光纤专用数控光纤激光切割机。本公司生产的**1500W型光纤激光切割机**，采用具有国内先进技术的锐科公司**1500W功率光纤激光器**，集合而成的精密数控光纤激光切割机，是集激光切割、精密机械、数控技术等学科于一体的高新技术产品，主要用于**碳钢板、不锈钢板、铝合金**等金属材料的切割和成形，具有**高速、高精度、高效率、高性价比**等特点。是金属材料加工行业的首选切割机型。

F6020HDE-1500W IS ONE OF THE MOST ADVANCED OPTICAL FIBER LASER CUTTING MACHINES WITH HIGH POWER FIBER SPECIALLY DESIGNED BY PARKSON LASER CO., LTD.. THE COMPANY PRODUCTION OF TYPE 1500W FIBER LASER CUTTING MACHINE, USING RAYCUS 1500W POWER FIBER LASER HAS THE DOMESTIC ADVANCED TECHNOLOGY, PRECISION CNC FIBER LASER CUTTING MACHINE TOGETHER, IS A SET OF LASER CUTTING, PRECISION MACHINERY, CNC TECHNOLOGY AND OTHER DISCIPLINES IN ONE OF THE HIGH-TECH PRODUCTS, MAINLY FOR THE CARBON STEEL PLATE, STAINLESS STEEL PLATE, ALUMINUM ALLOY AND OTHER METAL MATERIAL CUTTING AND FORMING, HIGH SPEED, HIGH PRECISION, HIGH EFFICIENCY AND HIGH COST PERFORMANCE. IT IS THE FIRST CHOICE CUTTING MACHINE IN THE METAL MATERIAL PROCESSING INDUSTRY.

专业用于切割多种中薄金属板材,优质切割**1~16mm碳钢板**，**1~6mm不锈钢板**，还可切割**铝合金板、镀锌板**电解板、**硅钢、钛合金、镀铝锌板**等多种金属材料。

PROFESSIONAL FOR CUTTING THIN METAL SHEET IN A VARIETY OF HIGH QUALITY CARBON STEEL, CUTTING 1~16MM, 1~6MM STAINLESS STEEL PLATE, BUT ALSO CAN CUT ALUMINUM ALLOY PLATE, GALVANIZED PLATE, ELECTROLYTIC PLATE, SILICON STEEL, TITANIUM ALLOY, GALVANIZED PLATE AND OTHER METAL MATERIALS.



不锈钢 STAINLESS STEEL



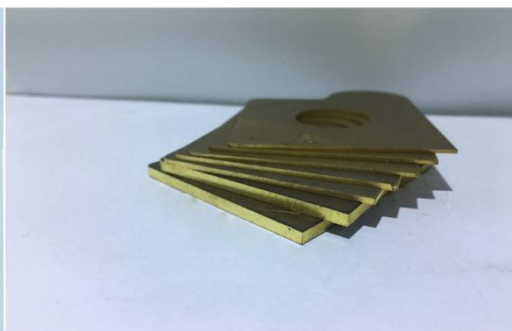
铝合金 ALUMINIUM ALLOY



镀锌板 GALVANIZED SHEET



碳钢 CARBON STEEL



黄铜 COPPER



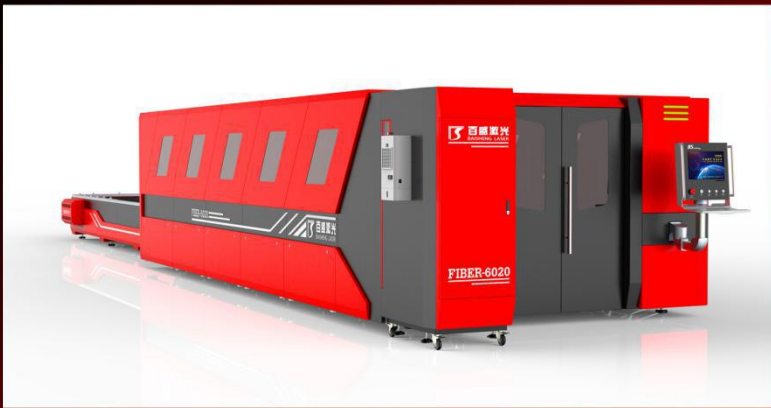
锰钢 MANGANESE STEEL

F6020HDE 大包围爬坡式交换台激光切割机

F6020HDE Large surround; climbing switch; laser cutting machine

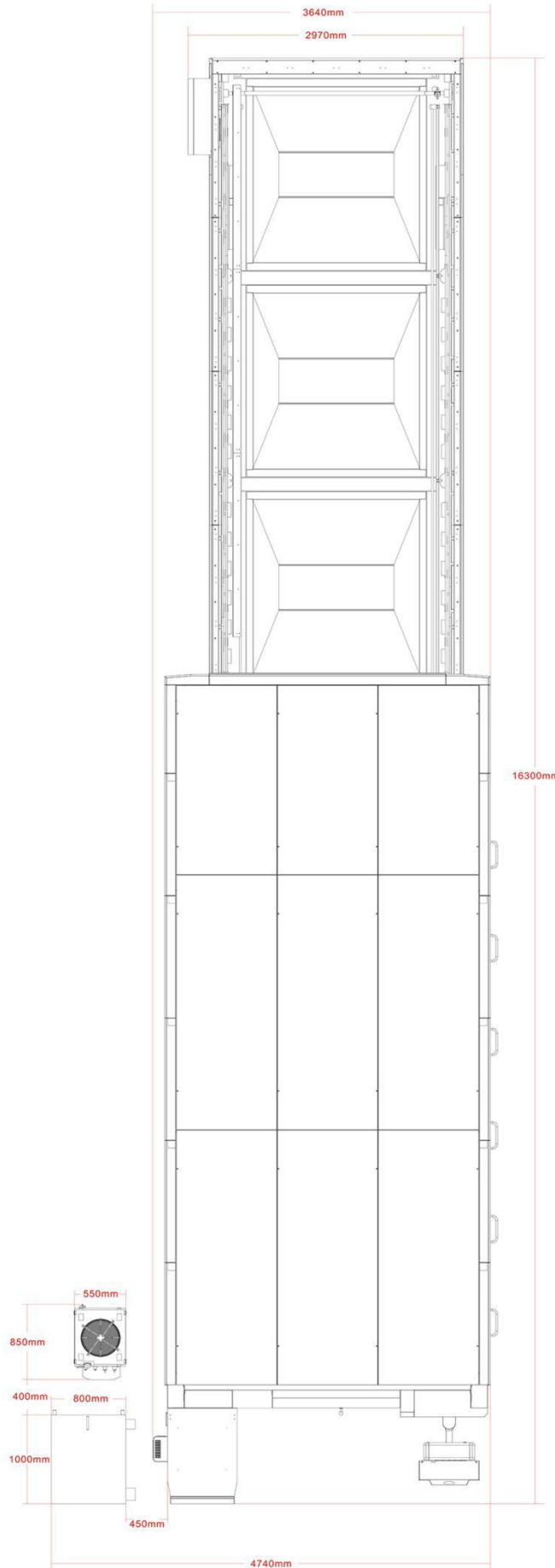


360° 全景预览
360 DEGREE PANORAMIC PREVIEW



占地面积

COVERING AREA



备注：机器摆放位置具体根据客户实际场地规划测量。

独家退火技术

EXCLUSIVE ANNEALING PROCESS



- 床身部分选用 (25-30) MM 板材开料焊接
(25-30)MM SHEET MATERIAL IS SELECTED FOR THE PART OF THE BED

- 床身焊接采用全自动焊接方式, 避免人工假焊, 虚焊等问题
AUTOMATIC WELDING METHOD IS ADOPTED IN BED WELDING TO AVOID PROBLEMS SUCH AS ARTIFICIAL WELDING AND VIRTUAL WELDING

Company production capability:



Feature 3: all side walls with large inner grillages reinforced structure

Feature 4: finest Lacquer after sandblasting

- 床身左右两侧及中间都采用独家十字加强筋, 保证床身抗压性

THE LEFT AND RIGHT SIDES OF THE BED AND THE MIDDLE OF THE USE OF EXCLUSIVE CROSS REINFORCEMENT, TO ENSURE THE PRESSURE RESISTANCE OF THE BED



- 每一个出厂床身都要经过650°C 高温均匀退火处理

EACH MANUFACTURED BED IS SUBJECTED TO 650 HIGH TEMPERATURE UNIFORM ANNEALING TREATMENT

- 经过下料、折弯、自动焊接, 退火、喷砂、开粗、震动、时效精加工、喷漆等十几道复杂工序

MORE THAN TEN COMPLICATED PROCESSES, SUCH AS AUTOMATIC WELDING OF MATERIAL BENDING AND AUTOMATIC WELDING, ANNEAL SAND BLASTING, COARSE VIBRATION AGING PRECISION PROCESSING, PAINT SPRAYING, ETC

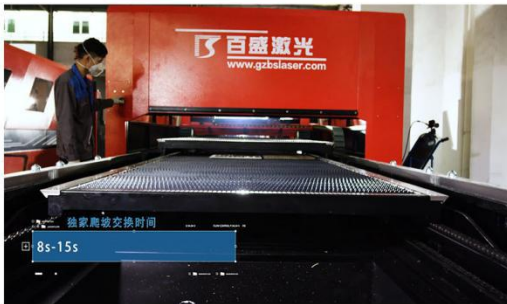


- 采用W造型构造, 极大的保证了床身的稳定性和耐用性

W SHAPE STRUCTURE ENSURES STABILITY AND DURABILITY OF THE BED

爬坡交换系统

CLIMBING EXCHANGE SYSTEM



■ 采用欧洲独家爬坡交换技术

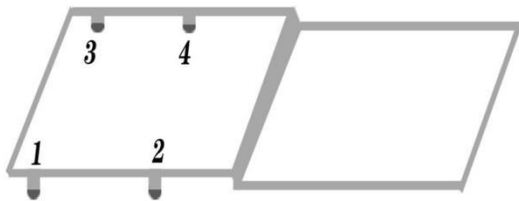
ADOPT EUROPEAN EXCLUSIVE SLOPE CLIMBING EXCHANGE TECHNOLOGY

■ 交换时间仅为8S—15S，大大提高了工作效率

THE SWITCHING TIME IS ONLY 8S-15S, WHICH GREATLY IMPROVES THE WORKING EFFICIENCY

■ 后置开关交换按钮，保证了人身安全第一

THE SWITCHING TIME IS ONLY 8S-15S, WHICH GREATLY IMPROVES THE WORKING EFFICIENCY



■ 采用四驱爬坡驱动方式，动力足，平衡精度高

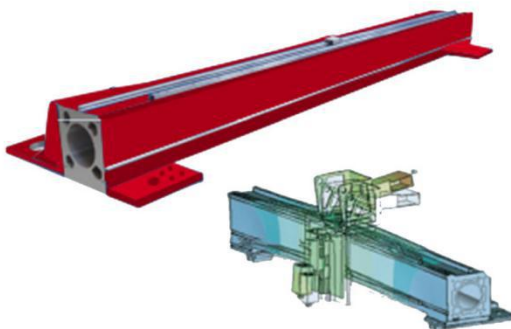
THE FOUR-WHEEL DRIVE IS ADOPTED FOR SLOPE CLIMBING

■ 大多数同行采用单边（3和4）驱动，受力不均衡，易脱轨

MOST PEERS ADOPT SINGLE SIDE (3 AND 4) DRIVE, UNBALANCED FORCE, EASY TO DERAIL

航空拉模

AVIATION DIE



■ 横梁选用航空铝制作而成

THE CROSSBEAM IS MADE OF AVIATION ALUMINUM

■ 侧边护板选用28MM航空拉模加固而成

THE SIDE GUARD PLATE IS MADE OF 28MM AIR DRAWING DIE

■ 航空拉模价格贵，硬度高，重量轻，保证高速运行

THE AVIATION DRAWING DIE IS EXPENSIVE, HIGH HARDNESS, LIGHT WEIGHT AND HIGH SPEED

切割头
CUTTING HEAD



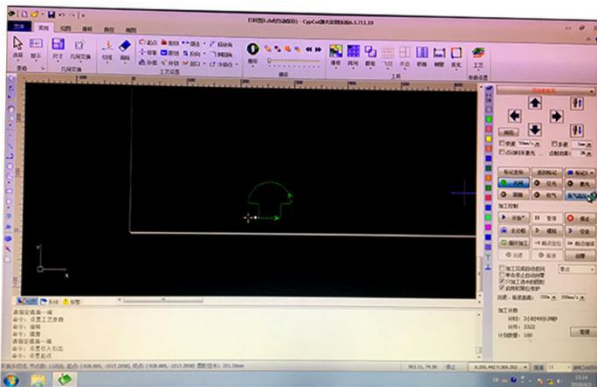
■ 嘉强、万顺兴、普雷茨特（德国进口）
RAYTOOLS WORTHING PRECITEC(GERMAN)

■ 切割稳定、高效、安全
STABLE HIGH EFFECIENCY SAFETY

■ 薄板厚板任意切割(短焦切割头，适用于切薄板
长焦切割头，适用于切厚板)

SUITABLE FOR CUTTING DIFFERENT THICKNESS METAL PLATE SHORT FOCUS CUTTING HEAD FOR THIN METAL PLATE LONG FOCUS CUTTING HEAD FOR THICK METAL PLATE

数控系统
CNC SYSTEM



■ 柏楚数控系统，中国第一品牌，直接导入图形文件加工
CYPCUT LASER CONTROL SYSTEM, CAN USE DRAWING FILE

■ 操作简单方便，对操机人员要求低
SIMPLE AND CONVENIENT OPERATION, LOW REQUIREMENTS FOR OPERATORS.

激光发生器
LASER GENERATOR



■ 锐科：国内首家获得国家扶持的激光发生器生产商，性能媲美于IPG，性价比高，维修成本低。

RAYCUS: CHINESE TOP LASER GENERATOR SUPPLIER, COOPERATED WITH MILITARY INDUSTRY. RAYCUS GENERATOR IS HIGH COST EFFECTIVE AND LOW MAINTENANCE COST.

■ IPG：德国进口，性能稳定，但是贬值率高，性价及维修成本较高。

IPG: GERMAN TECHNOLOGY, STABLE PERFORMANCE, GOOD QUALITY AND COMPATIBILITY. HOWEVER MAINTENANCE IS HIGHER COST.

名称	品牌	数量	产地
F6020HDE-1500W	6000mm*2000mm	1 套	中国
数控系统	CypCut 激光切割软件	1 套	中国（柏楚）
光纤激光发生器	Raycus 锐科	1 台	中国
光纤专用精密切割头	万顺兴(德国 Precitec 技术)	1 套	中国
高速伺服电机与驱动器	SCHNEIDER	4 台	法国
精密齿轮齿条	KH	1 套	台湾
进口气动比例阀	SMC	1 套	日本
进口减速机	MOTOVARIO	3 台	法国
进口显示器	Dell	1 套	美国
工业控制计算机	BSL	1 套	中国
高级专业冷水机	S&A(特域)	1 套	中国
控制机柜 和激光发生器专用空调	TongFei	1 套	中国
排风除尘系统	BSL	1 套	中国
导轨	CSK	1 套	台湾
滑台	CSK	1 套	台湾

切割材料	切割厚度(mm)	切割速度 (m/min)	气体
不锈钢	1	25-30	氮气
	2	9-10	
	3	4-5	
	4	2-3	
	5	1-1.5	
	6	0.7-1	
碳钢	1	10-16	氧气
	2	5.0-8.0	
	3	3.5-4.5	
	5	1.5-1.8	
	6	1.3-1.5	
	8	1-1.2	
	10	0.7-1	
	12	0.6-0.8	
	14	0.5-0.7	
	16	0.5-0.7	
铝	1	14-16	氮气
	2	4.5-5.5	
	3	2-3	
	4	1.2-1.8	
	5	0.5-1.0	

黄铜	1	14--16	氮气
	2	4.5--5.5	
	3	2--3	
	4	1.2-1.8	
	5	0.5-1.0	

整机设备消耗功率

THE WHOLE EQUIPMENT CONSUMES POWER

瓦数	激光器额定电功率	水机功率	伺服电机功率	爬坡交换机功率	风机	因子	总消耗功率
500W	1.7KW	1.5KW	5.7KW	3.7KW	1.5KW	50%	7.05KW
750W	2.5KW	1.5KW	5.7KW	3.7KW	1.5KW		7.45W
1000 W	3.5KW	1.9KW	5.7KW	3.7KW	3KW		8.9KW
1500 W	5KW	2.2KW	5.7KW	3.7KW	1.5KW		9.05KW
2000 W	6.6KW	3.1KW	5.7KW	3.7KW	1.5KW		10.3KW
3000 W	10KW	3.6KW	5.7KW	3.7KW	1.5KW		12.25kW
4000 W	13KW	5.1KW	5.7KW	3.7KW	1.5KW		14.5kW
6000 W	20KW	6.4KW	5.7KW	5.5KW	1.5KW		19.55W

备注： 以上数据仅供参考，因客户所选配置不同，消耗功率存在误差，具体按照客户要求另行计算。

整机附件消耗成本

WHOLE MACHINE ACCESSORIES CONSUMPTION COST

项目	名称		各项耗费 (元/h)
	机床主机	整机耗电 7.5KW	
	方案 1: 13 公斤空压机	7.5KW,实际用不到 7.5 度电, 实际一 小时耗电约 4 度	5
	方案 2: 选用氧气气体	每一小时约 22 元一小时	22
	方案 3: 选用氮气气体	每一小时约 26.7 元一小时	26.7
	易损耗件	易耗品 2.2 元一小时	2.2

明细如下

DETAILS ARE AS FOLLOWS

1. 用空压机切割——每小时耗电 4 度, 实际消耗电费 5 元/小时。

2. 以加工 1mm 碳钢板为例

用氧气切割——每小时耗气约 1.1 瓶氧气, 每瓶氧气 (压力 15.5MPa, 纯度 99.5%) 售价约 20 元

则每小时辅助气体消耗为: 22 元/小时

3. 以加工 1mm 不锈钢板或铝合金板为例

用氮气切割——如果客户经常切割不锈钢板或铝合金, 强烈建议客户采用液 (99.99%), 液氮中罐 175KG, 320 元/罐, 以使用 12 小时计算, $320/12=26.7$ 元/小时。

4.其它易消耗品

保护镜片：一月约 2 片，每片 200 元，计 200 小时工作时间 每小时消耗为：

$$(2 \times 200) \div 200 = 2 \text{ 元/小时}$$

切割嘴：每个 60 元，计 300 小时工作时间 每小时消耗为：

$$60 \div 300 = 0.2 \text{ 元/小时}$$

注：1、以上列表中的电价和气价以广州地区价格为参考，各地区价格会有所不同，具体按照实际情况另行计算；

2、切割其它厚度的板材时辅助气体消耗会略有不同；

3、不锈钢以及铝合金断面要求不高建议使用高压空气切割降低使用成本
(断面颜色微黄)

序号	技术文件	数量	备注
1	激光保护镜片	12 片	赠送
2	铜嘴	8 个	赠送
3	陶瓷环	1 个	赠送
4	操作使用说明书	1 本	标配
5	激光切割软件 U 盘	1 套	标配
6	产品合格证	1 套	标配
7	整机装箱清单	1 份	标配
8	工具箱	1 套	标配
9	稳压器	1 个	自购
10	空压机	1 套	自购

安装说明和要求

INSTALLATION INSTRUCTIONS AND REQUIREMENTS

- 在签订合同后我公司在最短时间了解贵公司的厂房的安装地理位置，确定设备的具体安装位置，并在合同生效后7个工作日内提供设备装机指南。

AFTER SIGNING THE CONTRACT, OUR COMPANY IN THE SHORTEST POSSIBLE TIME TO UNDERSTAND YOUR COMPANY'S INSTALLATION SITE LOCATION, DETERMINE THE SPECIFIC INSTALLATION LOCATION OF EQUIPMENT, AND IN THE CONTRACT AFTER THE COMMENCEMENT OF THE 7 WORKING DAYS TO PROVIDE EQUIPMENT INSTALLATION GUIDE.
- 安调调试前，贵公司应根据我公司提供的装机指南做好设备地基，确保安装场地的配备符合设备安装要求。

BEFORE DEBUGGING, YOUR COMPANY SHOULD DO THE EQUIPMENT FOUNDATION ACCORDING TO THE INSTALLATION INSTRUCTIONS PROVIDED BY OUR COMPANY, AND ENSURE THAT THE INSTALLATION SITE MEETS THE EQUIPMENT INSTALLATION REQUIREMENTS.
- 贵公司在完成设备装机指南，货物到达需交货现场后，我公司人员即自带必要工具进行设备的安装调试工作，并在5天内负责完成设备的安装、调试、技术指标测试、试切、培训、验收并交付用户使用。（技术培训人员需贵司提供食宿）

YOUR COMPANY IS IN COMPLETE EQUIPMENT INSTALLED GUIDE, THE ARRIVAL OF THE GOODS TO BE DELIVERED AFTER THE ON-SITE INSTALLATION AND COMMISSIONING WORK, OUR COMPANY PERSONNEL THAT COMES THE TOOLS NECESSARY FOR EQUIPMENT, RESPONSIBLE FOR EQUIPMENT INSTALLATION, COMMISSIONING, TECHNICAL INDICATORS TEST, TEST CUT, TRAINING, ACCEPTANCE AND DELIVERY FOR THE USER WITHIN 5 DAYS. (TECHNICAL TRAINING PERSONNEL TO PROVIDE YOUR COMPANY PLACES)
- 合同中所提供的所有设备全部由我公司负责完成安装及调试。设备安装调试完成后，我公司先对设备进行自检并在各项技术指标达到合同技术要求后，供需双方再对设备进行验收及使用。

ALL THE EQUIPMENT PROVIDED IN THE CONTRACT WILL BE INSTALLED AND ADJUSTED BY OUR COMPANY. AFTER THE INSTALLATION AND COMMISSIONING OF THE EQUIPMENT, OUR COMPANY FIRST CHECKED THE EQUIPMENT AND MET THE TECHNICAL REQUIREMENTS OF THE CONTRACT, AND THEN THE SUPPLY AND DEMAND OF THE EQUIPMENT WERE INSPECTED AND USED AGAIN.

■ 额定输出电压: 380V
RATED OUTPUT VOLTAGE: 380V

■ 电压频率: 50Hz
VOLTAGE FREQUENCY: 50HZ

■ 三相电压的稳定度 $\pm 5\%$
THE STABILITY OF THREE-PHASE VOLTAGE $\pm 5\%$

■ 输出电压的调整率: $< 2\%$
OUTPUT VOLTAGE REGULATION RATE: $< 2\%$

- ★ 设备提供终身维护保养。
EQUIPMENT PROVIDES LIFELONG MAINTENANCE
- ★ 设备终身提供技术咨询服务
EQUIPMENT PROVIDES TECHNICAL ADVISORY SERVICE FOR LIFE
- ★ 保修期内免费软件升级服务
FREE SOFTWARE UPGRADE SERVICE DURING THE WARRANTY PERIOD
- ★ 保修期满后提供延长保修服务
AFTER THE WARRANTY EXPIRES, WE PROVIDE EXTENDED WARRANTY SERVICE
- ★ 定期上门维护及电话回访
REGULAR ON-SITE MAINTENANCE AND TELEPHONE VISIT
- ★ 服务上门响应时间为24小时内
THE SERVICE HOME RESPONSE TIME IS 24 HOURS
- ★ 保修期内设备出现故障（人为因素及不可抗力因素除外），乙方负责无偿免费修复，所需换件由乙方无偿提供（易耗件除外）
THE WARRANTY PERIOD OF EQUIPMENT FAILURE (HUMAN FACTORS AND FORCE MAJEURE EXCEPTED), PARTY B IS RESPONSIBLE FOR FREE FREE REPAIR, REQUIRED FOR PARTS DELIVERED BY PARTY B FREE OF CHARGE (EXCEPT CONSUMABLES)



全国统一销售服务热线：400-008-8807
NATIONWIDE SALES&SERVICE HOTLINE: 400-008-8807

总部地址：广州市花都区新华街新街西路5号
Address: No. 5, Xinjie West Street, Xinhua Street, Huadu District, Guangzhou

电话(TEL): 020-37719981

传真(FAX): 020-81715109 邮箱(E-mail): info@gzbslaser.com

官方网站(WEB): www.gzbslaser.com 售后电话(TEL): 400-000-9127

佛山生产基地：广东佛山市高明区杨和镇和信路10号

Foshan producing area: Yang He Zhen He Xin Lu Guangdong Gaoming District of Foshan City, No. 10