



KV 肯尼激光
KENNY LASER

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企业官网
Official Website

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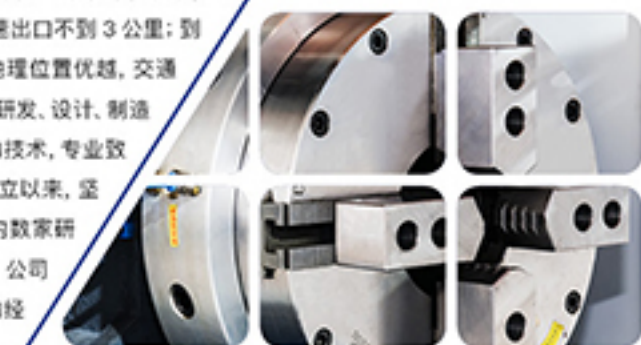
ABOUT US 企业简介

宁波肯尼激光科技有限公司座落在美丽的东海之滨，素有“浙东门户”之称的宁波市。工厂地处新兴的宁波市海曙区鄞江镇工业园区；距宁波绕城高速出口不到3公里；到北仑、舟山、奉化、象山、宁海、台州、余姚、慈溪均1.5小时车程；地理位置优越，交通便利，为后期服务打下了快速反应基础。本公司是一家从事数控装备研发、设计、制造与销售的高科技现代化公司，公司秉承科学的管理理念，采用先进的技术，专业致力于数控切割焊接领域自动化机器的研发和销售。公司自2013年成立以来，坚持走专业化的高端技术道路，拥有多名尖端工程技术人才，并与国内数家研究机构建立了良好的合作关系，以提高自身的技术水平和服务水平。公司本着“以质为本、科学管理、改善工作环境、客户满意、服务至上”的经营理念，热忱欢迎国内外广大客户朋友光临。

肯尼激光科技—服务于您—让您的事业如虎添翼!



Kenny Laser Technology - Serve You - Make Your Career More Wing!



Ningbo Kenny Laser Technology Co., Ltd. is located on the beautiful coast of the East China Sea, known as the "East Zhejiang Gateway" in Ningbo. The factory is located in the Yinjiang Town Industrial Park, Haishu District, Ningbo, China; less than 3 kilometers away from the exit of Ningbo's high-speed around the city; 1.5 hours' drive to Beilun, Zhoushan, Fenghua, Xiangshan, Ninghai, Taizhou, Yuyao and Cixi; superior geographical position and convenient transportation lay the foundation for rapid response for later service. The company is a high-tech modern company engaged in research and development, design, manufacture and sales of numerical control equipment. The company upholds the scientific management concept, adopts advanced technology, and specializes in research and development and sales of automatic machines in the field of numerical control cutting and welding. Since its inception in 2013, the company has adhered to the path of high-end professional technology, has a number of cutting-edge engineering and technical personnel, and has established good cooperative relations with several domestic research institutions to improve its technical level and service level. In line with the business philosophy of "quality-oriented, scientific management, improving working environment, customer satisfaction, service first", the company warmly welcomes customers and friends at home and abroad.

Professional, Honesty, Quality and Efficiency
 专业、诚信、优质、高效

01-02 *General Optical Fiber Laser Cutting Machine*
 通用型光纤激光切割机

03-04 *Alternate Form Fiber Laser Cutting Machine*
 互换型光纤激光切割机

05-06 *Automatic Assembly Line Optical Fiber Laser Cutting Machine*
 全自动流水线光纤激光切割专机

CATALOG 目录

CNC Control Gantry Optical Fiber Laser Cutting Machine
 数控龙门光纤激光切割机 07-08

CNC Control Gantry Plasma Cutting Machine
 数控龙门等离子切割机 09-10

CNC 3D High Precision Laser Pipe Cutting Machine
 三维高精激光切管专机 11-12

FLM 系列

功能特点 FUNCTIONAL CHARACTERISTICS

1. 超长的使用寿命: 采用进口光纤激光器, 可达 10 万小时工作时间;
 2. 最大化生产效率: 龙门结构、高稳定性、高抗热性机床、高强度高刚性铝横梁;
 3. 优越的切割质量: 采用德国进口 PA8000L 控制系统, 瑞士 Raytools 进口光纤自动调焦切割头, 运行稳定可靠, 采用进口导向传动机构和伺服电机, 切割精度高;
 4. 最小化运营成本: 激光器每小时最低仅耗电 6 度, 可吹空气切割各种金属薄板。
1. Long service life: imported fiber laser, up to 100000 hours of working time;
2. Maximize production efficiency: gantry structure, high stability, high thermal resistance machine tools, high strength and high rigid aluminum beam;
3. Superior cutting quality: Germany imported PA8000L control system, Switzerland Raytools imported optical fiber automatic focusing cutting head, stable and reliable operation, imported guide drive mechanism and servo motor, high cutting precision;
4. Minimum operating cost: the laser consumes at least 6 degrees of electricity per hour, can be blown air to cut all kinds of metal sheet.

适用材料 APPLICABLE MATERIALS

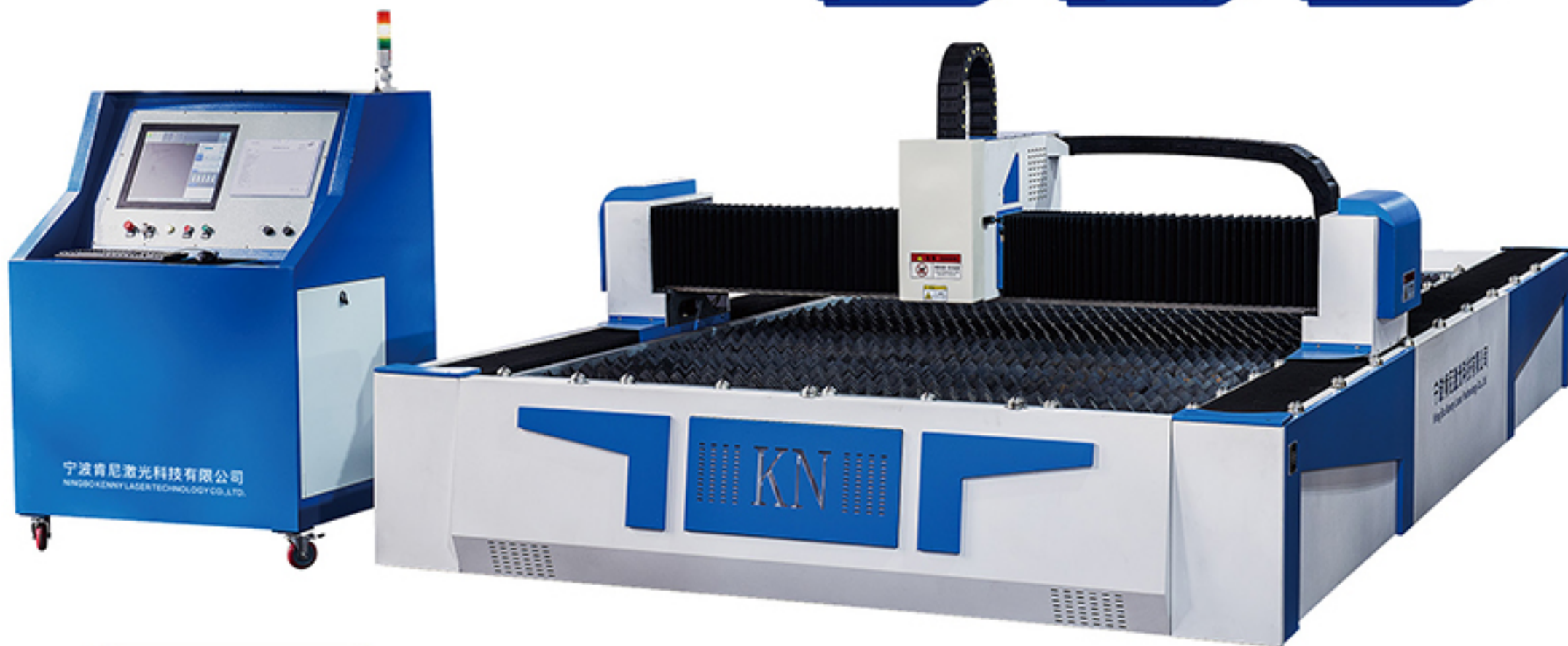
主要用于切割碳钢、不锈钢、铝合金、钛合金、镀锌板、铜等多种金属材料的快速切割。

It is mainly used to cut carbon steel, stainless steel, aluminum alloy, titanium alloy, galvanized sheet, copper and other metal materials.

应用领域 APPLICATION AREA

金属加工、钣金行业、机箱机柜、机械制造、工艺造型、通风制冷、家电产品、厨具配套、医疗器械、电梯制造、汽车配件、船舶制造、航空科技等。

Metal processing, sheet metal industry, case cabinet, mechanical manufacturing, craft modeling, ventilation refrigeration, household appliances, kitchen utensils, medical instruments, elevator manufacturing, automobile accessories, shipbuilding, aviation technology, etc.



参数 PARAMETER

加工幅面 processing format	1600mm*3500-6000mm
激光功率 laser power	500W-4000W
总功率 total power	2-16KW
设备电力需求 equipment power demand	380VAC±10%/50Hz
最大定位速度 maximum positioning speed	120m/min
最大加速度 maximum acceleration	2G
割缝 slotting	< 0.2mm
定位精度 positioning accuracy	±0.05mm
冷却方式 cooling mode	水冷 water-cooling

理论切割厚度 THEORETICAL CUTTING THICKNESS

功率 (W) power	碳钢 (mm) carbon steel	不锈钢 (mm) stainless steel	铝 (mm) aluminum	黄铜 (mm) brass	铝合金 (mm) aluminum alloy
500	6	3			
700	8	3	2	2	
800	10	4	2	2	
1000	10	6	3	2	
1500	14	6	4	3	6
2000	16	8	4	3	8
2500	22	10	6	5	10
3000	25	12	6	8	10
4000	25	16	16	10	16
6000	25	20	16	10	16

互换型光纤激光切割机

FLG 系列

功能特点 FUNCTIONAL CHARACTERISTICS

自动交换平台, 设备可边加工边上下料, 光纤激光, 切缝更小, 无需二次加工, 自动对焦, 导轨自动润滑, 带有排烟系统, 节能环保, 切割头智能防撞设计, 自动优化最佳的切割路径, 缩短加工空运行时间。

Automatic switching platform, equipment can be processed while loading and unloading, optical fiber laser, cutting seam is smaller, no secondary processing, automatic focusing, guide rail automatic lubrication, with smoke exhaust system, energy saving and environmental protection, cutting head intelligent anti-collision design, Automatically optimize the best cutting path and shorten the blank running time.

适用材料 APPLICABLE MATERIALS

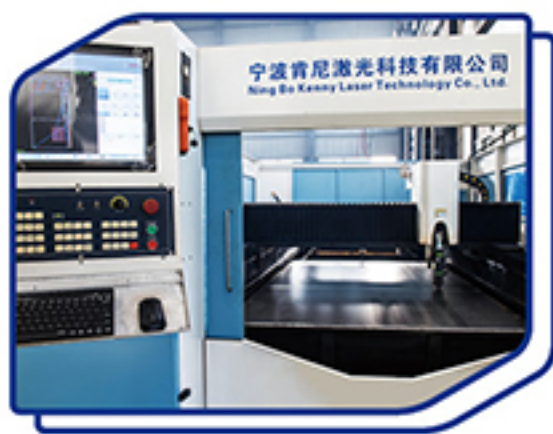
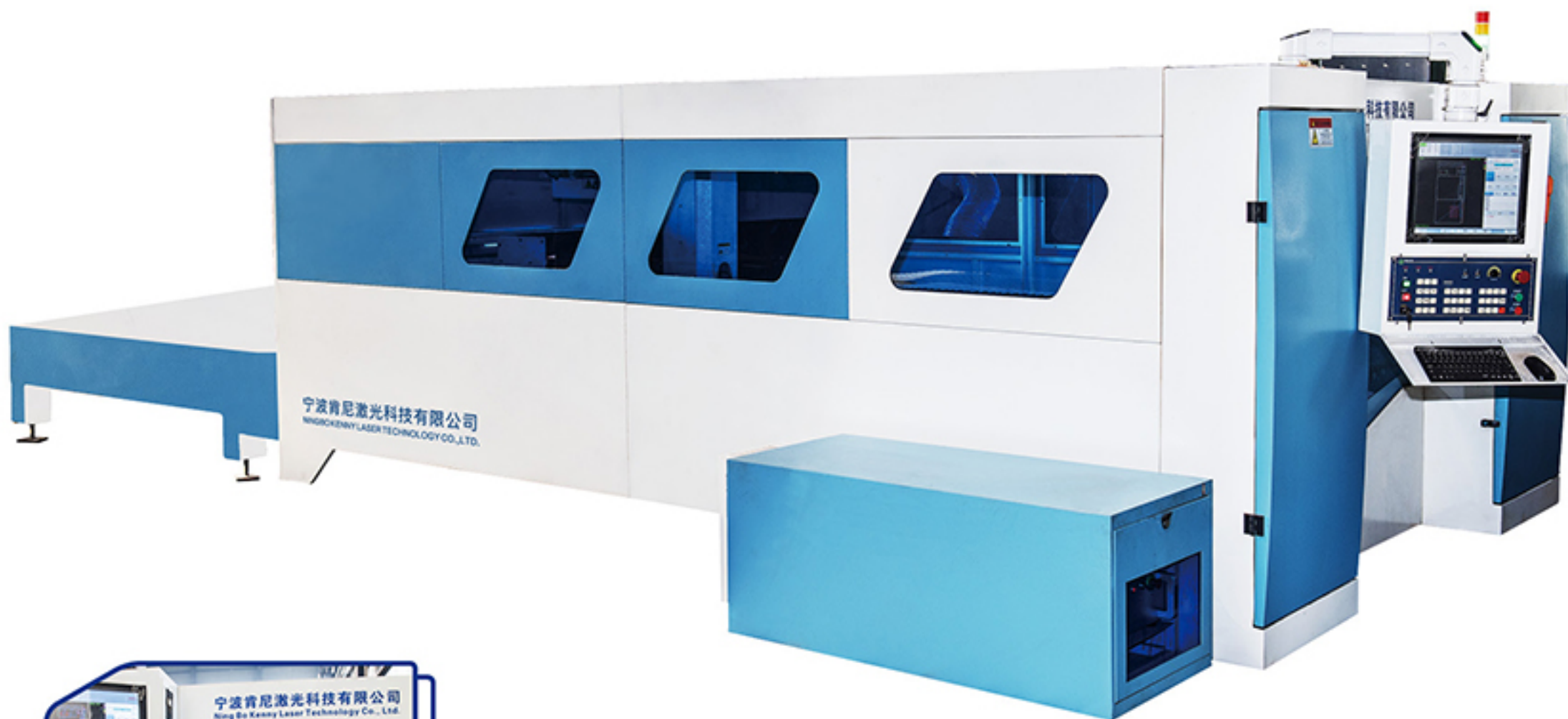
主要用于切割, 碳钢, 不锈钢, 铝合金, 钛合金, 镀锌板, 铜等多种金属材料的快速切割。

It is mainly used for cutting carbon steel, stainless steel, aluminum alloy, titanium alloy, galvanized sheet, copper and other metal materials.

应用领域 APPLICATION AREA

金属加工, 钣金行业, 机箱机柜, 机械制造, 工艺造型, 通风制冷, 家电产品, 厨具配套, 医疗器械, 电梯制造, 汽车配件, 船舶制造, 航空科技等。

Metal processing, sheet metal industry, case cabinet, mechanical manufacturing, craft modeling, ventilation refrigeration, household appliances, kitchen utensils, medical instruments, elevator manufacturing, automobile accessories, shipbuilding, aviation technology, etc.



德国纽卡特减速机



日本安川伺服电机



日本安川驱动器

参数 PARAMETER

加工幅面 processing format	3000x1500mm	4000x2000mm	6000x2000mm
x 轴行程 x-axis stroke	1500mm	2000mm	2000mm
y 轴行程 y-axis stroke	3000mm	4000mm	6000mm
z 轴行程 z-axis stroke	220mm	240mm	240mm
x, y 轴定位精度 xy positioning accuracy	±0.03mm	±0.03mm	±0.03mm
x, y 轴重复定位精度 xy repeat positioning accuracy	±0.03mm	±0.03mm	±0.03mm
x/y 轴最大定位速度 xy maximum positioning speed	120m/min	120m/min	120m/min
x, y 轴最大加速度 xy maximum acceleration	2G	2G	2G
工作台最大载重 the maxload of the table	2000kg	7000kg	8000kg
机床尺寸 the console size	l: 7500mm	l: 8500mm	l: 15300mm
	w: 2000mm	w: 3600mm	w: 3600mm
	h: 2150mm	h: 2150mm	h: 2150mm

主要配置 MAIN CONFIGURATION

光纤激光器 fiber laser	IPG500W-6000W	美国	USA
	Night500W-6000W	美国	USA
	创鑫 500W-4000W	深圳	CHINA
专用激光切割数控系统 special laser cutting numerical control system	PA8000L	德国	Germany
z 轴随动系统 z axis-follow-up system	Raytools	瑞士	Switzerland
激光切割头 laser cutting head	进口光纤电动调焦切割头 optical fiber electric focusing cutting head	瑞士	Switzerland
伺服电机与驱动器 servo motor and driver	安川交流伺服电机与驱动 yaskawa ac servo motor and drive	日本	Japan
精密齿轮齿条 precision rack and pinion	APEX	台湾	Taiwan,CHINA
精密行星齿轮减速机 precision planetary gear reducer	倍卡特 Neugart	德国	Germany
精密直线导轨 precision linear guide rail	HWN	台湾	Taiwan,CHINA
冷水机组 water chiller	三河同飞	河北	CHINA
控制柜 control cabinet	KENNY	宁波	CHINA
控制台 the console	KENNY	宁波	CHINA

F-AUTO 系列

功能特点 FUNCTIONAL CHARACTERISTICS

- 1、整机由料架、开平、伺服送料、激光切割机、自动收料机组成；
- 2、在设备加工和收料可同步进行，高效率生产，避免操作人员在设备运行时接触，保证生产安全；
- 3、前后同步跟随压料平整装置：前自动跟随压料保证了工作台的送料精度，后自动压料平整防止机器加工过程中材料移动，同时也保证了产品的加工精度；
- 4、最小化运营成本：原材料利用率高达 99%，操作简单，减少人工，可 24 小时作业，激光器每小时最低仅耗电 6 度，1mm 不锈钢板每分钟切割 23 米。

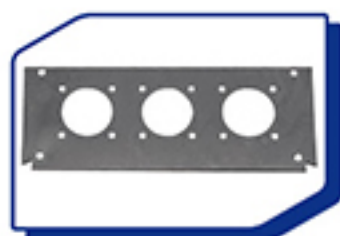
1. The whole machine is composed of material rack, open flat, servo feeding, laser cutting machine and automatic feeding unit;
2. In the equipment processing and receiving materials can be carried out synchronously, high efficiency production, avoid operators in the operation of equipment contact, ensure production safety;
3. Front and rear synchronous follow pressing leveling device: the automatic follow pressing ensures the feeding precision of the working table before, and the automatic pressing leveling after prevents the material from moving in the machining process of the machine, and at the same time ensures the processing precision of the product;
4. Minimize operating costs: the utilization rate of raw materials is as high as 99%, easy operation, reduce artificial, operates 24 hours a day, laser per hour minimum power consumption only 6 degrees, 1 mm stainless steel plate cutting 23 meters per minute.

适用材料 APPLICABLE MATERIALS

主要用于切割碳钢、不锈钢、铝合金、钛合金、镀锌板、铜等多种金属材料的快速切割。
It is mainly used for cutting carbon steel, stainless steel, aluminum alloy, titanium alloy, galvanized sheet, copper and other metal materials.

应用领域 APPLICATION AREA

金属加工、钣金行业、机箱机柜、机械制造、工艺造型、通风制冷、家电产品、厨具配套、医疗器械、电梯制造、汽车配件、船舶制造、航空科技等。
Metal processing, sheet metal industry, case cabinet, mechanical manufacturing, craft modeling, ventilation refrigeration, household appliances, kitchen utensils, medical instruments, elevator manufacturing, automobile accessories, shipbuilding, aviation technology, etc.



参数 PARAMETER

加工幅面 processing format	(长×宽) length*width	2000×800mm
精度 precision	x, y 轴定位精度 xy positioning accuracy	±0.03mm
	x, y 轴重复定位精度 xy repeat positioning accuracy	±0.03mm
速度 speed	x/y 轴最大定位速度 xy maximum positioning speed	120m/min
	x, y 轴最大加速度 xy maximum acceleration	2G
设备电力需求 equipment power demand	380vac±10%/50hz ip54	

KNFL 系列

功能特点 FUNCTIONAL CHARACTERISTICS

在通用型基础上能更大的提供加工幅面。

On the basis of laser cutting machine to provide a General optical fiber larger processing format.

适用材料 APPLICABLE MATERIALS

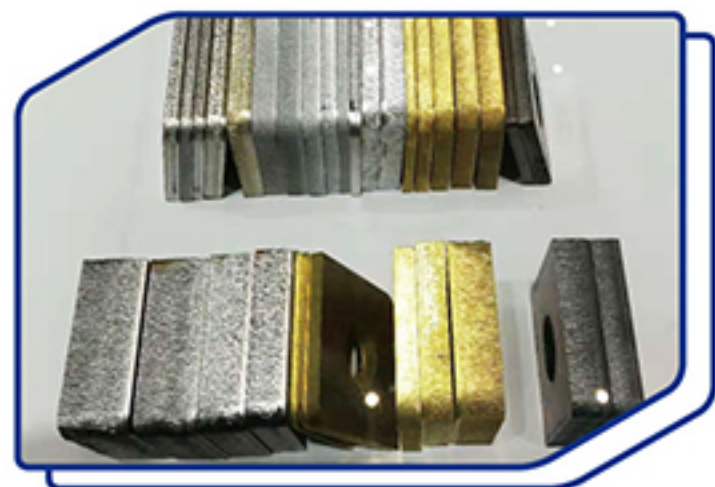
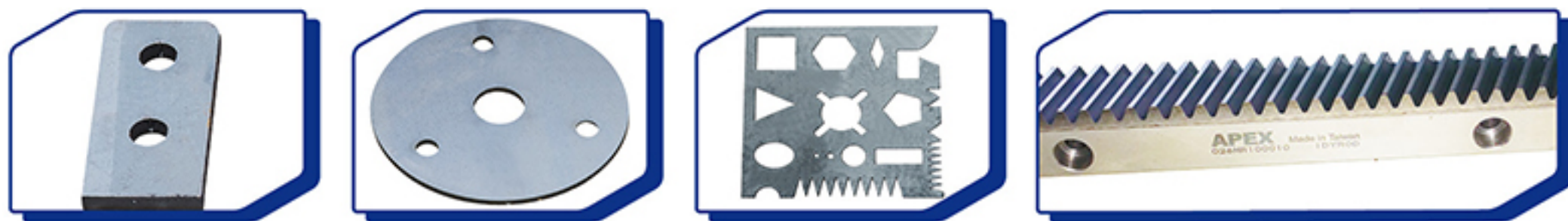
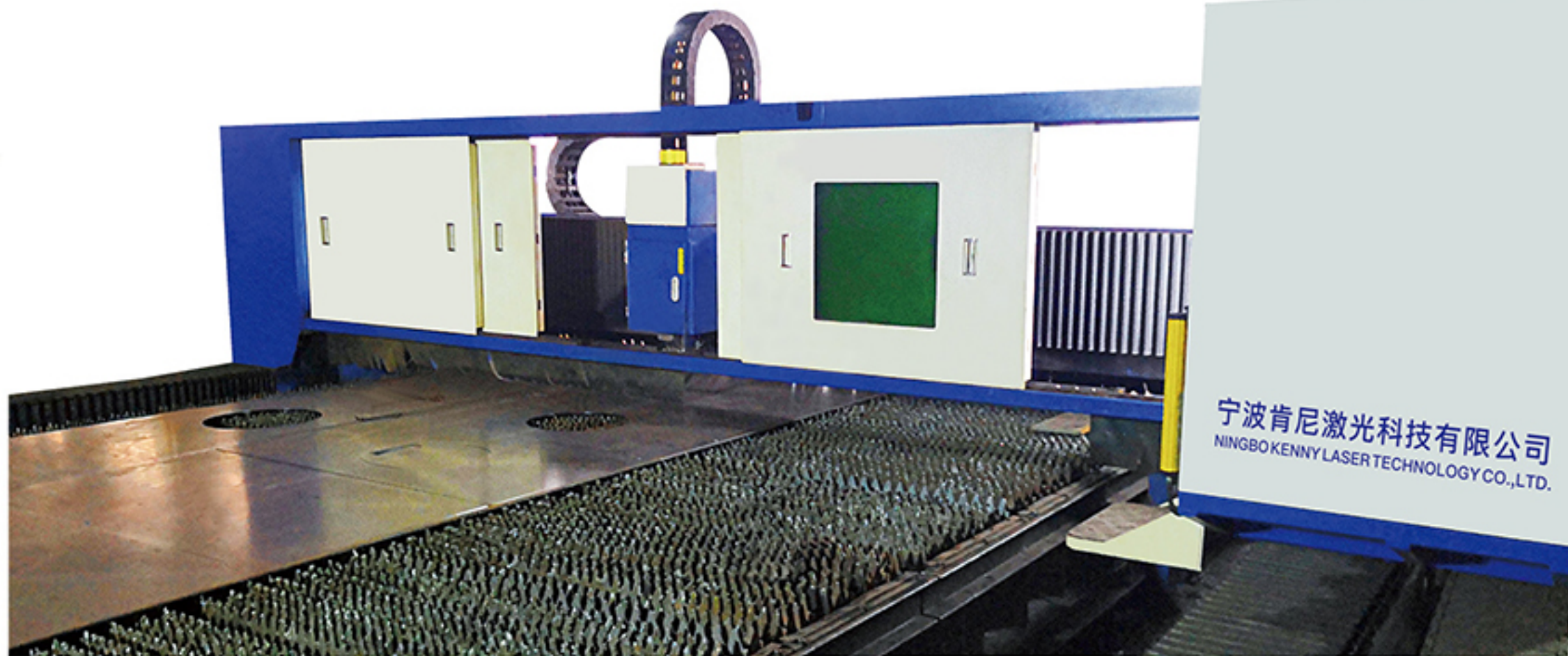
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应用领域 APPLICATION AREA

金属加工、机械制造、大型医疗器械、电梯制造、汽车配件、船舶制造、航空科技及军工产品等。

Metal processing, machinery manufacturing, large medical equipment, elevator manufacturing, auto parts, shipbuilding, aviation technology and military products.



参数 PARAMETER

加工幅面 Processing Format	(长×宽) length*width	根据客户需求 *6000mm According to customer needs*6000mm
精度 precision	X, Y 轴定位精度 XY positioning accuracy	±0.05mm
	X, Y 轴重复定位精度 XY repeat positioning accuracy	±0.05mm
速度 speed	X/Y 轴最大定位速度 XY Maximum positioning speed	120m/min
	X, Y 轴最大加速度 XY Maximum acceleration	0.5G
设备电力需求 Equipment power demand	380VAC±10%/60Hz IP54	

数控龙门等离子切割机

KNPL 系列

功能特点 FUNCTIONAL CHARACTERISTICS

1. 数控等离子切割机是我公司吸收国内外先进硬件技术研发设计的具有大厚度碳钢切割能力的龙门式切割机,它的工作原理是利用高温等离子电弧的热量使工件切口处的金属局部熔化(和蒸发),并借高速等离子气流的动量排除熔融金属以形成切口的一种加工方法;
2. 可任意范围切割:纵向、横向、直线、圆弧曲线切割;
3. 切割速度快、切缝狭窄、切割面光洁度高、操作简单、而且具有显著的节能、节料效果;
4. 切割的零件不需机械加工可直接进行焊接和应用。

1. CNC plasma cutting machine is my company to absorb domestic and foreign advanced hardware technology research and development design of gantry cutting machine with large thickness carbon steel cutting ability, its working principle is the use of high temperature plasma arc quantity of heat to make metal artifacts slit bureaus melting (and evaporation), and the plasma flow momentum ruled out a molten metal to form a processing method of incision;
2. Can be cut in any range: longitudinal, transverse, linear, arc curve cutting;
3. Fast cutting speed, narrow slit, good surface finish, simple operation, and has significant energy saving, material saving effect;
4. Cutting parts do not require mechanical processing can be directly for welding and application.

适用材料 APPLICABLE MATERIALS

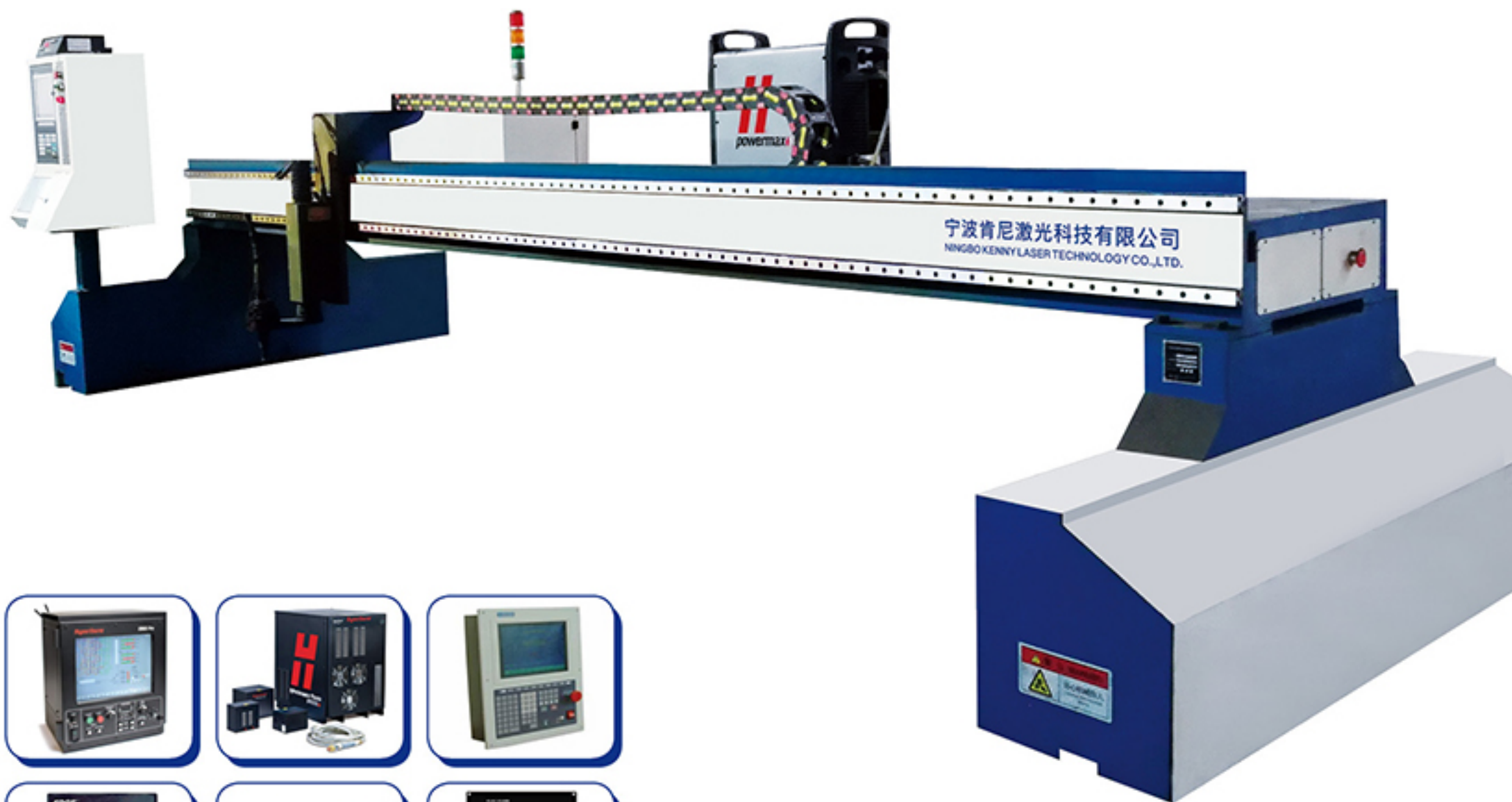
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It is mainly used for cutting carbon steel, stainless steel, aluminum alloy, titanium alloy, galvanized sheet, copper and other metal materials.

应用领域 APPLICATION AREA

金属加工、机械制造、工艺造型、通风制冷、家电产品、厨具配套、医疗器械、电梯制造、汽车配件、船舶制造、航空科技及军工产品等。

Metal processing, machinery manufacturing, large medical equipment, elevator manufacturing, auto parts, shipbuilding, aviation technology and military product.



工作台参数 WORKBENCH PARAMETERS

规格型号 specification type	龙门规格 gantry width	有效高度 effective width	轨道长度 track length	有效长度 effective length
KNPL-3000S	3m	2.2m	8m-16m+	轨道长度-2m track length-2m
KNPL-4000S	4m	3.2m	8m-16m+	轨道长度-2m track length-2m
KNPL-5000S	5m	4.2m	8m-16m+	轨道长度-2m track length-2m
KNPL-6000S	6m	5.2m	8m-16m+	轨道长度-2m track length-2m

精细等离子电源参数 FINE PLASMA POWER SUPPLY PARAMETERS

数控系统 / 高度自动调节系统 / 等离子电源系统
CNC system / automatic height adjustment system / plasma power the source system

美国海宝 Hypertherm USA

上海交大 F 系列系统 Shanghai jiaotong university F series system

电源型号 power supply model	美国海宝系列 Hypertherm USA								
	碳钢 carbon steel	不锈钢 stainless steel	铝 aluminum	碳钢 carbon steel	不锈钢 stainless steel	铝 aluminum	碳钢 carbon steel	不锈钢 stainless steel	铝 aluminum
穿孔厚度 the thickness of the perforated	32mm	20mm	20mm	38mm	32mm	25mm	50mm	45mm	45mm
气体类型 gas type	氧气 O2 空气 AIR	氮气 N2		氧气 O2 空气 AIR	氮气 N2		氧气 O2 空气 AIR	氮气 N2	
气体压力 gas pressure	8.3bar			8.3bar			8.3bar		
输入电压 / 功率 input voltage / power	3/380V/18KW			3/380V/42KW			3/380V/70KW		
电源重量 power supply weight	318kg			567kg			851kg		

KNHP-3D 系列

功能特点 FUNCTIONAL CHARACTERISTICS

1. 能在各类有色金属管状上切割多个不同方向、不同直径的圆柱相贯线孔，满足支管轴线与主管轴线偏心和非偏心的垂直相交的条件；
2. 能在各类异形支管端部切割圆柱相贯线端头，满足支管轴线与主管轴线偏心和非偏心的垂直相交、倾斜相交的条件；
3. 能在方管、圆管端部切割斜端面；
4. 能切割与环形主管相交的支管相贯线端头；
5. 能切割坡口面角度；
6. 能在方管及圆管上切割方孔、椭圆形孔。

1. It can cut multiple intersecting line holes of cylinder with different directions and diameters on various non-ferrous metal pipes, and satisfy the condition of eccentric and non-eccentric vertical intersecting between branch pipe axis and main pipe axis;
2. It can cut cylindrical intersecting line ends at the ends of all kinds of special-shaped branch pipes to meet the requirements of eccentric and non-eccentric vertical intersecting and oblique intersecting of branch pipe axes and main pipe axes;
3. Able to cut oblique end faces at the ends of square and round pipes;
4. Can cut branch pipe intersecting line ends intersecting ring main pipe;
5. Cutting groove angle;
6. Can cut square hole and oval hole on square pipe and round pipe.

适用材料 APPLICABLE MATERIALS

适用于各类金属薄管材料精密切割，如碳钢、不锈钢、合金钢、铝、铜及合金、钛及合金、镍铝合金等。

Suitable for precise cutting of all kinds of thin metal pipe materials: such as carbon steel, stainless steel, alloy steel, aluminum, copper and alloy, titanium and alloy, nickel and molybdenum alloy, etc.

应用领域 APPLICATION AREA

金属加工、汽车金属零部件、机械制造、工艺造型、通风制冷、家电产品、厨具配套、医疗器械、电梯制造、汽车配件、船舶制造、航空科技及军工产品等。

Metal processing, automotive metal parts, machinery manufacturing, process modeling, ventilation and refrigeration, household appliances, kitchen accessories, medical equipment, elevator manufacturing, auto parts, ship manufacturing, aviation technology and military products.



参数 PARAMETER

最大定位速度 maximum positioning speed	80m/min
最大加速度 maximum acceleration	1.3G
切管长度范围 max cutting length	100mm-2000mm
直径范围 (圆管) max diameter	Φ10mm-Φ100mm/Φ20mm-Φ400mm
直径范围 (方管) max diameter	□ 20mm- □ 260mm
定位精度 (圆管) positioning accuracy	Φ±0.03mm
定位精度 (方管) positioning accuracy	□ ±0.05mm