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LASER

宁波肯尼激光科技有限公司
NINGBO KENNY LASER TECHNOLOGY CO., LTD.

浙江泰煜激光科技有限公司
ZHEJIANG TAIYU LASER TECHNOLOGY CO., LTD.



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NINGBO KENNY LASER TECHNOLOGY CO., LTD.
ZHEJIANG TAIYU LASER TECHNOLOGY CO., LTD.

电话 / Tel: 0574-88029196

传真 / Fax: 0574-88029769

网址 / Web: www.cn-kenny.com

邮箱 / E-mail: xiami53@sina.com

地址: 宁波市海曙区鄞江镇工业园区

Add: Yinjiang Town Industrial Park, Haishu District, Ningbo City



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**LASER CUTTING/
LASER WELDING
PROFESSIONAL
EQUIPMENT
MANUFACTURER**

激光切割/激光焊接
设备专业制造商



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COMPANY PROFILE

Ningbo Kenny Laser Technology Co., Ltd. was established in 2013, is located in the East China Sea, known as "Hong Kong-book hidden ancient and modern world," said the Ningbo City. The company is committed to a manufacturing enterprise integrating R&D, production, sales and service of laser intelligent equipment, specializing in the production of flat laser cutting machines, laser pipe cutting machines, laser welding machines, three-dimensional laser cutting machines, etc., which are widely used in hardware, kitchen and bathroom , Fitness equipment, auto parts, medical equipment and other industries, to provide users with a complete set of automation solutions for metal forming intelligent equipment. Kenny laser since its inception, has always insisted on the constant pursuit of product quality and technological innovation, professional and technical personnel and international team of experts and cutting-edge technology integration, and a number of domestic research institutions to establish a close strategic partnership, development and production Produce a series of laser equipment with unique quality and stable performance. Adhering to the business philosophy of "scientific management, technological innovation, quality first, and customer first", we provide customers with high-end equipment, upgrade production capacity, reduce production costs, and create greater economic benefits and value.



企业简介

宁波肯尼激光科技有限公司成立于2013年,位于东海之滨,素有"书藏古今 港通天下"之称的宁波市。本公司致力于激光智能装备的研发、生产、销售及服务为一体的制造企业,专业生产平面激光切割机、激光切管机、激光焊接机、三维激光切割机等,广泛应用于五金、厨卫、健身器材、汽车零配件、医疗器械等行业,为用户提供金属成形智能装备全套自动化解决方案。肯尼激光自成立以来,一直坚持对产品质量和技术创新的不断追求,专业的技术人才和专家团队与国际前沿技术相融合,并与国内多家研究机构建立了紧密的战略合作关系,研制生产出一系列质量独特、性能稳定的激光设备。秉承"科学管理、技术创新、品质第一、用户至上"的经营理念,为客户提供高端设备,提高产能升级,降低生产成本,创造更大的经济效益和价值。

CORPORATE CULTURE

企业文化



Company vision

To serve you-to make your career even more powerful!

公司愿景 ♥ 服务于您—让您的事业如虎添翼!

Values

Integrity, Professionalism, Efficient and Win-win.

价值观 ♥ 诚信 专业 高效 共赢

CERTIFICATION

资质认证



K E N N Y one

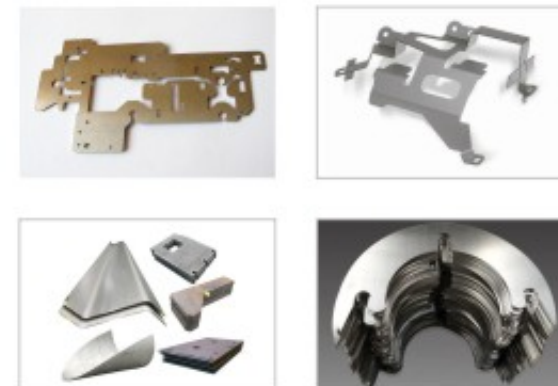
Automatic coiling flexible laser cutting production line

全自动卷料柔性激光切割生产线

KVP Display of samples

样品展示

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Application area 应用领域

It is widely used in cabinet, mechanical manufacturing, craft modeling, ventilation refrigeration, household appliances, kitchen utensils, medical instruments, elevator manufacturing, automobile accessories, shipbuilding, aviation technology, etc.

广泛应用于金属加工、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。

Main performance indicators 主要性能指标

Model of Equipment 设备型号	F3015	F4015	非标定制
Processing Format 加工幅面	3000×1500mm	4000×1500mm	6000×2000mm
Laser Power 激光功率	1500W~4000W (Optional 可选)		
Coil Thickness 卷料厚度	0.3mm~2.5mm		
Width Of Coil 卷材宽度	500mm~1500mm		
Coil Weight (uncoiler) 卷材重量(开卷机)	10-13T		
X/Y axis max positioning speed X/Y最大定位速度	100m/min	100m/min	100m/min
X/Y axis max acceleration X/Y最大加速度	1.2G	1.2G	1.2G
X/Y axis Position Accuracy X/Y轴定位精度	±0.03mm/m	±0.03mm/m	±0.03mm/m
X/Y axis repeat positioning accuracy X/Y轴重复定位精度	±0.02mm	±0.02mm	±0.02mm

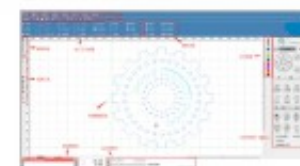
Model Features 机型特点



One-stop processing line

一站式加工生产线

With unwinding, feeding, cutting, cutting four major functions.
具备开卷、送料、切割、下料四大功能。



Highly intelligent cutting software

高度智能化的切割软件

Modular integration, easy to learn and operate, highly intelligent, one-click operation.
模块化集成一体, 易学易操作, 高度智能化, 一键操作。



Unwinding leveling unit

开卷校平单元

Can be matched with automatic cutting device, laser cutting and automation perfect combination, to create a composite laser processing mode.
可搭配自动下料装置, 将激光切割+自动化完美组合, 打造复合型激光加工模式。



One feeding 3 times efficiency

一次上料 3倍效率

Realize the net cutting of coil material, can actively uncoil or recycle coil material, eliminate material wrinkles, reduce material loss.
实现卷材净料切割, 可主动放卷或回收卷料, 消除材料褶皱, 减少物料损耗。

3D five-axis robot laser cutting workstation

三维五轴机器人激光切割工作站



KNV Display of samples

样品展示

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Application area 应用领域

In the processing of automobile sheet metal processing, three-dimensional kitchen utensils, and sports fitness equipment, many materials with irregular shapes will be produced. The general fiber laser cutting machine cannot realize the precision processing of irregular materials. The three-dimensional fiber laser cutting robot can be used in these industries. Played a significant effect.

在汽车钣金加工、三维厨具、运动健身器材的加工中，会产生很多形状不规则的材料，一般的光纤激光切割机无法实现对不规则材料的精密加工，三维光纤激光切割机器人能够在这些行业中发挥出显著效果。

Model Features 机型特点



Anti-collision protection system for cutting head
切割头防撞保护系统

The cutting head is not damaged by collision, and the cutting head is protected and can be quickly returned.

切割头受碰撞时不受损坏，对切割头进行保护，并且能快速回位。



Six axis 360° cut
六轴360°切割

It can accurately cut materials with non-standard shapes, as well as materials with fixed geometry and angles.

可精准切割非标准形状材料，也可切割固定几何和角度的材料。



Real-time monitoring of efficient operations
实时监控 高效操作

Use four big family robots and operating system, reliable quality; Realize robot automatic cutting operations.

使用四大家族机器人及操作系统，品质可靠；实现机器人自动化切割作业。



Gantry structure
龙门结构

Wide cutting range, high scalability. 切割范围广，拓展性高。

Main performance indicators 主要性能指标

Model of Equipment 设备型号	KN/C
Laser Power 激光功率	1500W~4000W
Freedom Of Motion In Space 空间自由度	6 Axis(Optional external axis 2-3 axis) 6轴 (选配外部轴2-3轴)
Max Reach Of Robot Arm 臂展	1.6 m, 1.8 m, 2.0 m 1.6米、1.8米、2.0米
Max Load 最大负载	28kg
Power Supply 电源	380VAC±10%/50HZ

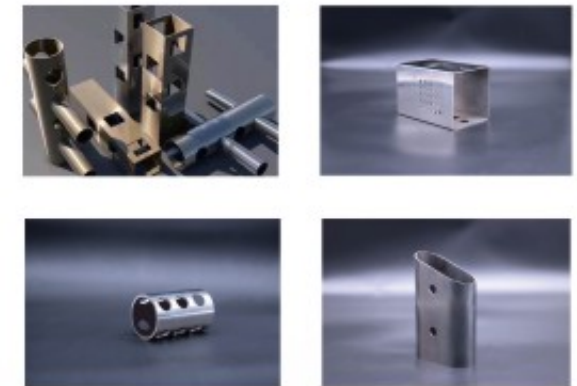
Automatic loading and unloading laser pipe cutting machine

自动上下料激光切管机

KNV Display of samples

样品展示

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Application area 应用领域

It is widely used in sports equipment, machinery manufacturing, automobile manufacturing, agricultural machinery, office furniture, kitchen cabinets, hardware crafts, and other industries. It is suitable for all kinds of special-shaped pipes such as round pipes, square pipes, rectangular pipes, oval pipes, etc.

广泛应用于体育器材、机械制造、汽车制造、农用机械、办公家具、厨具橱柜、五金工艺品等行业，适应各类异型管材如：圆管、方管、矩形管、椭圆管等。



Main performance indicators 主要性能指标

Model of Equipment 设备型号	KNPro6SHP80/600	KNPro6SHP120/600	KNPro6SHP170/600
Pipe Processing range 加工管材范围	Circular tube / 圆管: Φ10mm~Φ80mm Square tube / 方管: □10mm~□60mm	Circular tube / 圆管: Φ10mm~Φ120mm Square tube / 方管: □10mm~□80mm	Circular tube / 圆管: Φ10mm~Φ170mm Square tube / 方管: □10mm~□120mm
Max disposable processing length 最大一次性加工长度	6300mm		
laser power 激光功率	1500W~4000W		
X axis empty speed X轴空行速度	≤110m/min		
Maximum positioning speed 最大定位速度	110m/min	110m/min	110m/min
Maximum acceleration 最大加速度	1.0G	1.0G	1.0G
Position Accuracy X/Y轴定位精度	±0.05mm/m	±0.05mm/m	±0.05mm/m
Pepeatability X/Y轴重复定位精度	±0.03mm/min	±0.03mm/min	±0.03mm/min
Tailings length 尾料长度	≤125mm (根据具体管材会有不同 It varies slightly depending on the pipe)		

Model Features 机型特点



Plate and tube welding structure machine
板管焊接结构机床

- The main bed adopts the monolithic welded structure of plate and tube, and takes annealing treatment to eliminate the internal stress after welding.
- The guideway surface is processed by a large gantry type high-precision machining center with secondary clamping.

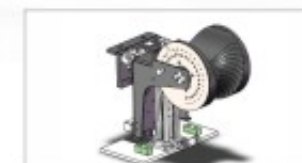
- 主床身采用板管一体式焊接结构，焊接完成后采取退火处理消除内应力。
- 导轨面加工采用大型龙门式高精度加工中心一次性装夹加工完成。



Pneumatic fully enclosed chuck
气动全封闭卡盘

- Full stroke high precision chuck clamping power, leading the industry.
- The clamping stroke is large, the moment of inertia is small, the speed is high, the cutting efficiency is high.
- The use of fully sealed design, dustproof effect greatly improved.

- 全行程高精度卡盘夹持力大，行业领先。
- 夹持行程大，转动惯量小，转速高，切削效率高。
- 采用全密封设计，防尘效果大大提升。



Auxiliary support
辅助支撑

- Effectively prevent the tube from rocking left and right under the condition of high-speed rotation, and ensure the precision of the tube rotation in the process of cutting.
- In the feeding process also plays a guiding and supporting role.

- 有效防止管材在高速旋转的情况下的左右晃动，保证管子切割过程中旋转的精度。
- 在送料的过程中也起到了导向和支撑的作用。



Automatic feeding system
自动上料系统

Automatic feeding system, stable and efficient mass production.
全自动上料系统，批量生产稳定高效。

High-end custom pipe cutting machine

高端定制切管机

Application area 应用领域

It is widely used in sports equipment, machinery manufacturing, automobile manufacturing, agricultural machinery, office furniture, kitchen cabinets, hardware crafts, and other industries. It is suitable for all kinds of special-shaped pipes such as round pipes, square pipes, rectangular pipes, oval pipes, etc.

广泛应用于体育器材、机械制造、汽车制造、农用机械、办公家具、厨具橱柜、五金工艺品等行业，适应各类异型管材如：圆管、方管、矩形管、椭圆管等。

KNV Display of samples

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Main performance indicators 主要性能指标

Model of Equipment 设备型号	KNPro6SHP 23/600	KNPro6SHP 36/600	高端定制切管机
Pipe Processing range 加工管材范围	Circular tube / 圆管: Φ20mm~Φ220mm Square tube / 方管: □10mm~□150mm	Circular tube / 圆管: Φ20mm~Φ350mm Square tube / 方管: □20mm~□250mm	≥380mm
Max disposable processing length 最大一次性加工长度	6200mm		>6m
laser power 激光功率	1500W~6000W(可选 Optional)		
X axis empty speed X轴空行速度	≤110m/min		
Maximum positioning speed 最大定位速度	120m/min	120m/min	120m/min
Maximum acceleration 最大加速度	1.0g	0.6g	0.6g
Position Accuracy X/Y轴定位精度	±0.03mm/m	±0.03mm/m	±0.03mm/m
Pepeatability X/Y轴重复定位精度	±0.05mm	±0.05mm	±0.05mm
Tailings length 尾料长度	≤125mm(根据具体管材会有不同 It varies slightly depending on the pipe)		

Model Features 机型特点



Plate and tube welding structure machine
板管焊接结构机床

- The main bed is welded with plate and tube integrated structure, and the internal stress is eliminated by annealing treatment after welding.
- Guideway surface processing using large gantry type high-precision machining center one-time clamping processing.
- 主床身采用板管一体式焊接结构,焊接完成后采取退火处理消除内应力。
- 导轨面加工采用大型龙门式高精度加工中心一次性装夹加工完成。



Intelligent cutting software
智能切割软件

TubePro professional cutting software, high precision, time saving, material saving to improve production efficiency.

TubePro专业切割软件,高精度、省时、省料提高生产效率。



Groove cutting
坡口切割

- Optional groove cutting function, cutting Angle 0-45°
- Can be equipped with five axis cutting head.

- 可选配坡口切割功能,切割角度0-45°。
- 可配备五轴切割头。



Automatic feeding system
自动上料系统

Automatic feeding system, stable and efficient mass production.

全自动上料系统,批量生产稳定高效。

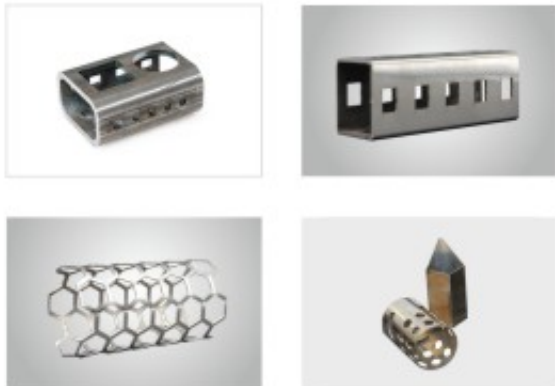
Professional pipe cutting machine 专业切管机



Display of samples

样品展示

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Application area 应用领域

It is widely used in sports equipment, machinery manufacturing, automobile manufacturing, agricultural machinery, office furniture, kitchen cabinets, hardware crafts, and other industries. It is suitable for all kinds of special-shaped pipes such as round pipes, square pipes, rectangular pipes, oval pipes, etc.

广泛应用于体育器材、机械制造、汽车制造、农用机械、办公家具、厨具橱柜、五金工艺品等行业，适应各类异型管材如：圆管、方管、矩形管、椭圆管等。



Main performance indicators 主要性能指标

Model of Equipment 设备型号	KNHP12/600	KNHP17/600	KNHP23/600
Pipe Processing range 加工管材范围	Circular tube / 圆管: Φ10mm~Φ120mm Square tube / 方管: □ 10mm~□ 80mm	Circular tube / 圆管: Φ10mm~Φ170mm Square tube / 方管: □ 10mm~□ 125mm	Circular tube / 圆管: Φ10mm~Φ220mm Square tube / 方管: □ 10mm~□ 150mm
Max disposable processing length 最大一次性加工长度	6200mm		
laser power 激光功率	1500W~6000W		
X axis empty speed X轴空行速度	≤110m/min		
Maximum positioning speed 最大定位速度	120m/min	120m/min	120m/min
Maximum acceleration 最大加速度	1.0G	1.0G	1.0G
Position Accuracy X/Y轴定位精度	±0.03mm/m	±0.03mm/m	±0.03mm/m
Pepeatability X/Y轴重复定位精度	±0.05mm	±0.05mm	±0.05mm
Tailings length 尾料长度	≤125mm (根据具体管材会有不同 It varies slightly depending on the pipe)		

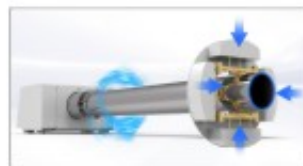
Model Features 机型特点



Special laser cutting head

专用激光切割头

Special laser cutting head, fast and stable cutting.
专用激光切割头,快速稳定切割。



Full stroke pneumatic chuck

全行程气动卡盘

Front and rear dual pneumatic clamping design, automatic adjustment of clamping center; Clamping force is large and stable, not loose slippage, no damage to the workpiece.
前后双气动夹持设计,自动调整夹持中心;夹持力大且稳定,不松动打滑,不损伤工件。



Sectional support device

分段式支撑装置

The sectional following support device is adopted to solve the problem of swing in the process of long pipe cutting.
采用分段式随动支撑装置,解决长管材切割过程中产生的摆动问题。



Many kinds of pipe cutting

多种类管材切割

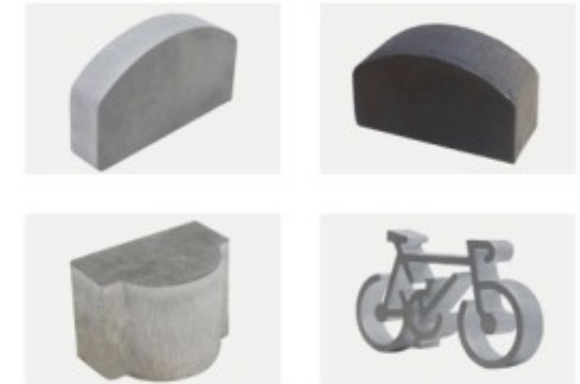
Support a variety of pipe cutting
支持多种类管材切割。



KVP Display of samples

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Application area 应用领域

Widely used in aerospace, automobile manufacturing, ships, machinery manufacturing, engineering machinery, kitchen kitchenware, household appliances, agricultural and forestry machinery, electrical, electrical, sheet metal processing and other industries.

广泛应用于航空航天、汽车制造、轮船船舶、机械制造、工程机械、厨房厨具、家用电器、农林机械、电工电气、钣金加工等行业。

Main performance indicators 主要性能指标

Model of Equipment 设备型号	LFG1530	LFG2040	LFG2060	LFG2260	LFG2560
Table Travel 切割范围	3000×1500mm	4000×2000mm	6000×2000mm	6000×2200mm	6000×2500mm
Laser Power Option 激光功率	3000W/4000W/6000W/8000W/10000W/12000W/15000W/20000W/30000W				
Laser Source Option 激光发生器	IPG, nLIGHT, MAX, GW, Raycus				
X/Y axis max positioning speed X/Y最大定位速度	120m/min	120m/min	120m/min	120m/min	120m/min
X/Y axis max acceleration X/Y最大加速度	1.2G	1.2G	1.2G	1.2G	1.2G
X/Y axis Position Accuracy X/Y轴定位精度	±0.03mm/m	±0.03mm/m	±0.03mm/m	±0.03mm/m	±0.03mm/m
X/Y axis repeat positioning accuracy X/Y轴重复定位精度	±0.02mm	±0.02mm	±0.02mm	±0.02mm	±0.02mm

Model Features 机型特点



Aeronautical aluminium beam

航空铝横梁

The fourth generation of aviation aluminum beam, with excellent toughness and ductility, its light weight, good rigidity, high precision.

第四代航空铝横梁, 具备优良的韧性及延展性, 其重量轻、刚性好、精度高等特点。



Segmented draft system

分段式抽风系统

The use of segmented draft, stronger wind, better dust removal effect.

采用分段式抽风, 更强劲风力, 除尘效果更好。



High-end bus system

高端总线系统

Intelligent visual control system, fast cutting efficiency, high cutting precision.

智能可视化控制系统, 切割效率高, 切割精度高。



Laser beam generator

激光发生器

Electro-optical conversion efficiency is high, light weight, energy saving, humanized control, high quality beam quality.

电光转换效率高, 轻巧体积, 节能, 人性化操控, 优质光束质量。

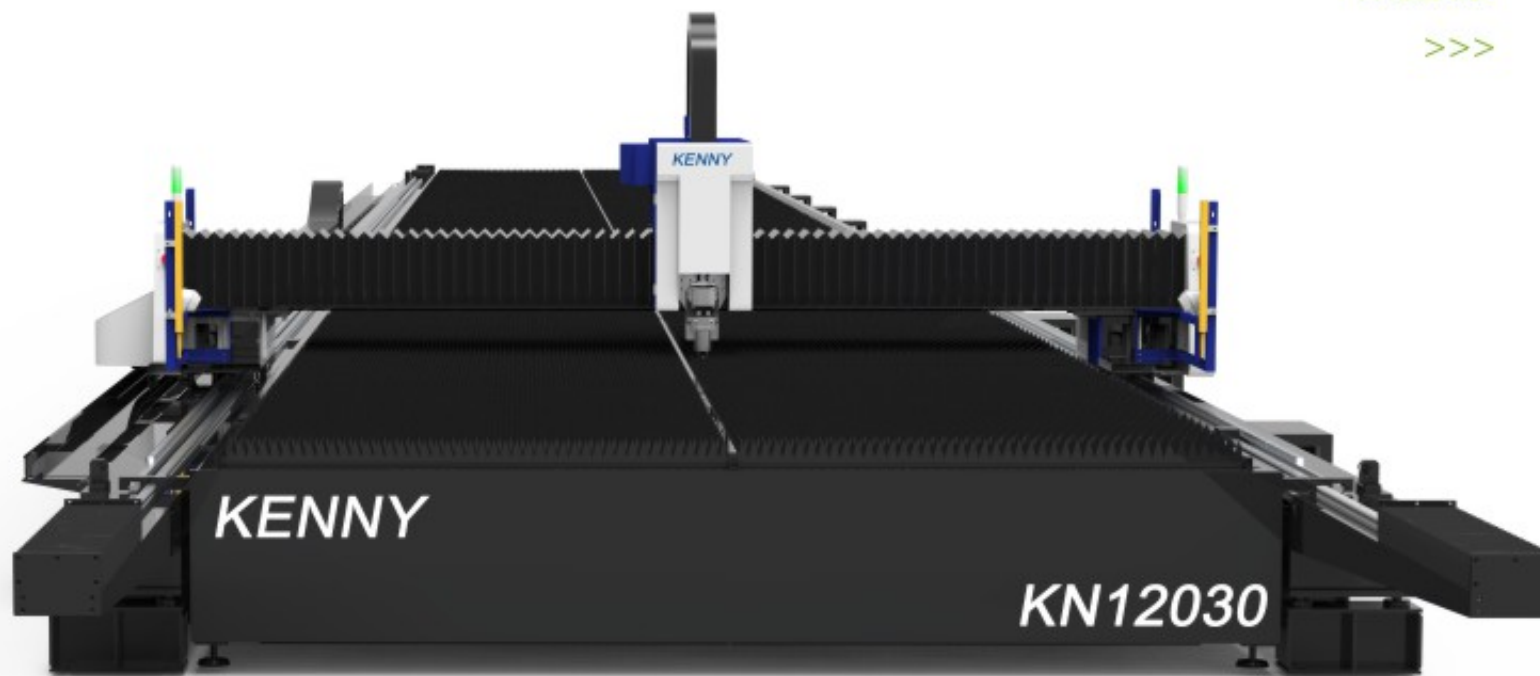
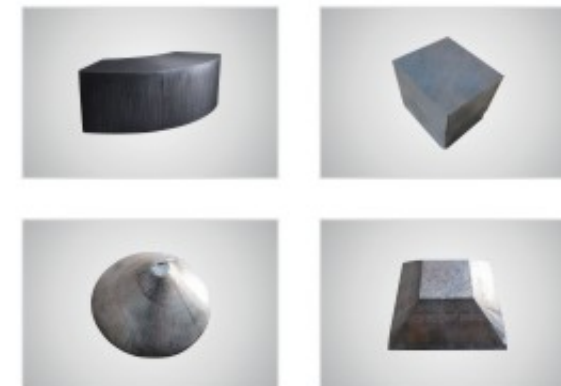
High power large field laser cutting machine

高功率大幅面激光切割机

KV Display of samples

样品展示

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Application area 应用领域

Widely used in aerospace, automobile manufacturing, ships, machinery manufacturing, engineering machinery, kitchen kitchenware, household appliances, garden machinery, electrical, electrical, sheet metal processing and other industries.

广泛应用于航空航天、汽车制造、轮船船舶、机械制造、工程机械、厨房厨具、家用电器、园林机械、电工电气、钣金加工等行业。

Main performance indicators 主要性能指标

Model of Equipment 设备型号	KN-12030	KN-18035	KN-24035	KN-30035
Table Travel 切割范围	12m×3m	18m×3.5m	24m×3.5m	30m×3.5m
Laser Power Option 激光功率	6000W/8000W/10000W/12000W/15000W/20000W/30000W			
Laser Source Option 激光发生器	IPG, nLIGHT, MAX, GW, Raycus			
X/Y axis max positioning speed X/Y最大定位速度	70m/min	70m/min	70m/min	70m/min
X/Y axis max acceleration X/Y最大加速度	0.6g	0.6g	0.6g	0.6g
X/Y axis Position Accuracy X/Y轴定位精度	±0.1mm/m	±0.1mm/m	±0.1mm/m	±0.1mm/m
X/Y axis repeat positioning accuracy X/Y轴重复定位精度	±0.1mm	±0.1mm	±0.1mm	±0.1mm

Model Features 机型特点



Piecewise splice welding structure 分段式拼接焊接结构

The machine body adopts piecewise splicing welding structure, the machine tool has high rigidity, small deformation and high precision, and the length can be customized according to demand.

机身采用分段式拼接焊接结构，机体刚度高、变形小、精度高，可按定制长度。



High-end bus system 高端总线系统

High-end bus system 高端总线系统

Intelligent visual control system, fast cutting efficiency, high cutting precision.

智能可视化控制系统，切割效率高，切割精度高。



Groove cutting 坡口切割

坡口切割

Supports 0-45° groove cutting.

支持0-45°坡口切割功能



Precision motor drive 精密电机驱动

精密电机驱动

X, Y, Z axis adopts imported high performance servo motor and drive to achieve high precision and high efficiency transmission system.

X, Y, Z轴采用进口高性能伺服电机及驱动器，实现高精度、高效率传动系统。

Single sheet material laser cutting machine

单平面激光切割机



Display of samples

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Application area 应用领域

Widely used in aerospace, automobile manufacturing, ships, machinery manufacturing, engineering machinery, kitchen kitchenware, household appliances, agricultural and forestry machinery, electrical, electrical, sheet metal processing and other industries.

广泛应用于航空航天、汽车制造、轮船船舶、机械制造、工程机械、厨房厨具、家用电器、农林机械、电工电气、钣金加工等行业。



Main performance indicators 主要性能指标

Model of Equipment 设备型号	LFM1530	LFM2040	LFM2060	LFM2260	LFM2560
Table Travel 切割范围	3000×1500mm	4000×2000mm	6000×2000mm	6000×2200mm	6000×2500mm
Laser Power Option 激光功率	3000W/4000W/6000W/8000W/10000W/12000W				
Laser Source Option 激光发生器	IPG, nLIGHT, MAX, GW, Raycus				
X/Y axis max positioning speed X/Y最大定位速度	120m/min	120m/min	120m/min	120m/min	120m/min
X/Y axis max acceleration X/Y最大加速度	1.0G	1.0G	1.0G	1.0G	1.0G
X/Y axis Position Accuracy X/Y轴定位精度	±0.03mm/m	±0.03mm/m	±0.03mm/m	±0.03mm/m	±0.03mm/m
X/Y axis repeat positioning accuracy X/Y轴重复定位精度	±0.02mm	±0.02mm	±0.02mm	±0.02mm	±0.02mm

Model Features 机型特点



Hollow structure bed

中空结构床身

The whole body adopts the whole welding structure, annealing to remove the stress, to ensure the long stability of the machine is not easy to deformation.

床身整体采用整体焊接结构，退火去应力，保证机床长久稳定不易变形。



Aeronautical aluminium beam

航空铝横梁

Aviation aluminum beam, with excellent toughness and ductility, its light weight, good rigidity, high precision.

航空铝横梁，具备优良的韧性及延展性，其重量轻、刚性好、精度高等特点。



Autofocus cutting head

自动对焦切割头

Automatic focus cutting head, intelligent and efficient.

自动对焦切割头，智能高效。



Control system

控制系统

A fully functional open loop control system. Easy installation, easy debugging, excellent performance.

一款全功能的开环控制系统，安装方便，调试简单，性能优异。

Plank and pipe integrated laser cutting machine

板管一体激光切割机



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Application area 应用领域

It is widely used in sports equipment, machinery manufacturing, automobile manufacturing, agricultural machinery, office furniture, kitchen cabinets, hardware crafts, and other industries. It is suitable for all kinds of special-shaped pipes such as round pipes, square pipes, rectangular pipes, oval pipes, etc.

广泛应用于体育器材、机械制造、汽车制造、农用机械、办公家具、厨具橱柜、五金工艺品等行业，适应各类异型管材如：圆管、方管、矩形管、椭圆管等。

Main performance indicators 主要性能指标

Model of Equipment 设备型号	BGFLG1530	BGFLG2040	BGFLG2060	BGFLG2260
SHEET LASER CUTTING 板材激光切割				
Processing Area 加工幅面	3000×1500mm	4000×2000mm	6000×2000mm	6000×2200mm
laser power 激光功率	1500W~6000W			
Laser Source 激光发生器	IPG, nLIGHT, MAX, GW, Raycus			
X/Y axis max positioning speed X/Y最大定位速度	110m/min	110m/min	110m/min	110m/min
X/Y axis max acceleration X/Y最大加速度	1.0G	1.0G	1.0G	1.0G
X/Y axis Position Accuracy X/Y轴定位精度	±0.03mm/m	±0.03mm/m	±0.03mm/m	±0.03mm/m
X/Y axis repeat positioning accuracy X/Y轴重复定位精度	±0.02mm	±0.02mm	±0.02mm	±0.02mm
TUBE LASER CUTTING 管材激光切割				
Tube processing area 管材加工范围	Circular tube / 圆管: Φ10mm~Φ220mm Square tube / 方管: □10mm~□150mm			
Loading length 上料长度	3000mm~6200mm			
Unloading length 下料长度	≤3000mm			

Model Features 机型特点



Plate and tube integrated dual function design 板管一体双功能设计

Plate and tube integrated dual function design, for a variety of complex graphics can be very good cutting.

板管一体双功能设计,对于各种复杂图形都能很好的切割。



Carbon structure honeycomb bed more stable and durable 碳素结构蜂窝式床身 更稳固耐用

High strength machine tool, using 600°C stress relief annealing treatment, with strong structural rigidity of machine tool;

· 高强度机床,采用600°C去应力退火处理,具有较强的机床结构刚性;
· 整体机械结构,变形小,震动低,保证切割精度。



Intelligent pneumatic chuck 智能气动卡盘

智能气动卡盘

The clamping precision is high, the speed is fast, the gear linkage is self-centering and has the correction function.

夹持精度高,速度快,齿轮联动自定心及具备校正功能。



Motor, reducer 电机、减速机

电机、减速机

Equipped with high precision reduction motor.

配备高精度减速机



Main performance indicators 主要性能指标

Equipment name 设备名称	Precision laser cutting machine 精密激光切割机
Area of work 工作幅面	600×600mm
Accuracy of positioning 定位精度	≤0.02mm
Maximum acceleration 最大加速度	1.5g
X/Y axis max positioning speed X/Y最大定位速度	120m/min
X/Y axis Position Accuracy X/Y轴定位精度	±0.02mm
X/Y axis repeat positioning accuracy X/Y轴重复定位精度	±0.005mm
Z axis stroke Z轴行程	100mm

Model Features 机型特点



Intelligent numerical control system
智能数控系统

AheadTechs Intelligent CNC system greatly improves the flexibility and scalability of equipment.
AheadTechs 智能数控系统, 极大提升设备的灵活性、可扩展性。



Marble platform design
大理石平台设计

• The overall rigidity is good, high strength;
• The beam body adopts lightweight design and has good acceleration performance.
• 整体刚性好、强度高;
• 横梁体采用轻量化设计, 具备良好的加速性能。



The cutting surface is smooth and burr free
切割面平整无毛刺

The cutting surface is smooth and smooth without burr, with high precision and faster cutting speed.
切割面光滑平整无毛刺, 精度高, 切割速度更快。



Precision motor drive
精密电机驱动

High precision linear guide rail, high positioning accuracy, less wear, can maintain high precision for a long time.
高精度直线导轨, 定位精度高、磨损少, 能长时间维持高精度。

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Application area 应用领域

Jewelry, Glasses, Lighting, kitchen and bathroom Products, Mobile phone communication, digital products, electronic components, clocks, computer accessories, instruments, precision devices.

首饰, 眼镜, 灯饰, 厨卫产品, 手机通讯, 数码产品, 电子元件, 钟表, 电脑配件, 仪器仪表, 精密器件。

6-8 axis robot laser welding station

6-8轴机器人激光焊接站



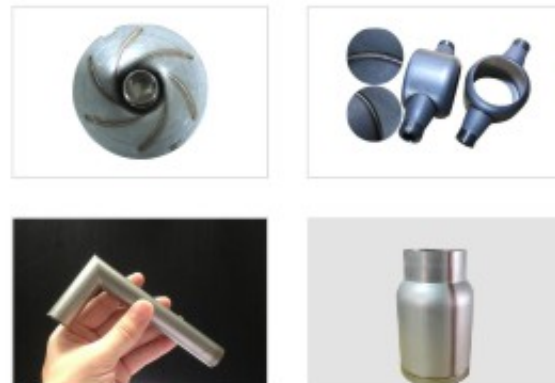
Main performance indicators 主要性能指标

Equipment name 设备名称	6-8 axis robot laser welding station 6-8轴机器人激光焊接站		
Laser power 激光功率	1500W/2000W/3000W/4000W		
Laser wavelength 激光波长	1070nm		
Feeding fiber cable length 输出光纤长度	15M The standard configuration ranges from 8 to 10M and supports a maximum of 15M 标配8~10M 最长支持15M		
Welding head 焊接头	KENNY (Choice of brand 品牌选择)		
Mode of positioning 定位方式	Microscope, CCD, Red Light (optional) 显微镜、CCD、红光(选配)		
Welding thickness 焊接厚度	0.5~5mm		
Material for welding 焊接材质	Stainless steel class 不锈钢类	Cold plate type forming parts 冷板类成型件	Aluminum profile products 铝型材产品类
Cooling method 冷却方式	Water cooled 水冷		

KVP Display of samples

样品展示

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Application area 应用领域

Widely used in aviation, machinery, electronics, communications, power, chemical, automobile manufacturing and other industries such as lithium ion battery sealing welding (mobile phone battery, power battery) metallurgy industry (silicon steel plate welding) application of military industry sensor, engine blade welding of electronic components precision spot welding and sealing welding (relay) Electrical industry (silicon steel sheet welding, air conditioning motor rotor, leakage protector).

广泛应用于航空、机械、电子、通讯、动力、化工、汽车制造等行业 锂离子电池密封焊接(手机电池、动力电池) 冶金行业(硅钢板的焊接) 应用军工行业传感器、发动机叶片焊接 电子元器件的精密切焊及密封焊接(继电器) 电器行业(硅钢片的焊接、空调电机转子、漏电保护器)。

Model Features 机型特点



Control system

控制系统

The latest 3D laser welding control system, full function, stable and efficient welding.

最新的三维激光焊接控制系统,功能全,焊接稳定高效。



3D special welding joint

3D专用焊接头

Optimized optical design, extremely light weight, compact size, easy to use, with the height sensor can make welding more efficient.

优化的光学设计,重量极轻,体积小,使用简单,配合高度传感器可以让焊接更高效。



Laser generator

激光发生器

Electro-optical conversion efficiency is high, light weight, energy saving, humanized control, high-quality beam quality.

电光转换效率高、轻巧体积、节能、人性化操控,优质光束质量。



Upgradeable

可升级

Can be upgraded multi-station welding mode and robot loading and unloading automatic intelligent station, greatly improve the production efficiency.

可升级为多工位的焊接方式及机器人上下料的自动化智能工位,大幅度提高生产效率。

Handheld laser welding machine

手持激光焊接机



Cutting 切割

Derusting 除锈

Main performance indicators 主要性能指标

Equipment name 设备名称	Hand-held fiber laser welding machine 手持式光纤激光焊接机
laser power 激光功率	1500W/2000W/3000W/4000W
Laser wavelength 激光波长	1070nm
Feeding fiber cable length 输出光纤长度	15M The standard configuration ranges from 8 to 10M and supports a maximum of 15M 标配8~10M 最长支持15M
Welding head 焊接头	Continuity/modulation 连续/调制
Speed range 速度范围	0~120mm/s
Welding thickness 焊接厚度	0.5~10mm
Cooling method 冷却方式	Water cooled 水冷

Model Features 机型特点



Handheld laser welding head

手持激光焊接头

Compact, lightweight, more stable and efficient welding.

小巧、轻便、焊接更稳定高效。

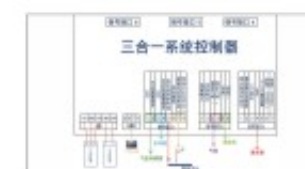


Multi-function welding system:

多功能焊接系统

Simple and intuitive system interface

简洁直观的系统界面。

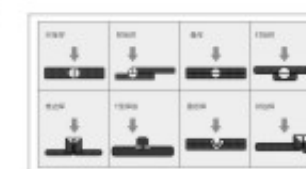


3-in-1 multi-functional welding

三合一多功能焊接

Free switching of welding, cutting and cleaning modes.

焊接、切割及清洗模式自由切换



Multiple welding methods

多种焊接方式

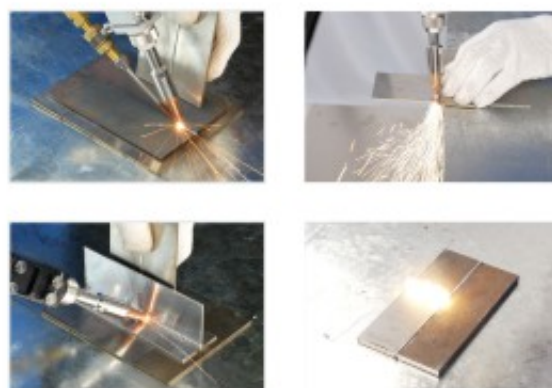
Multiple welding methods.

多种焊接方式

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Application area 应用领域

Widely used in metal processing, sheet metal industry, chassis cabinet, machinery manufacturing, process modeling, ventilation and refrigeration, household appliances, kitchenware supporting, medical instruments, elevator manufacturing, auto parts, Marine manufacturing, aviation technology, etc.

广泛应用于金属加工、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。

Three coordinate laser welding machine

三坐标激光焊接机



Main performance indicators 主要性能指标

Equipment name 设备名称	Three coordinate laser welding machine 三坐标激光焊接机
Laser power 激光功率	1500W/2000W/3000W/4000W
Laser wavelength 激光波长	1070nm
Fiber core diameter 光纤芯径(um)	Such as 50 and 100 are optional 50、100等可选
Welding head 焊接头	KENNY
Mode of positioning 定位方式	Microscope, CCD, Red Light (optional) 显微镜、CCD、红光(选配)
Welding thickness 焊接厚度	0.5~5mm
Cooling method 冷却方式	Water cooled 水冷
X, Y, Z travel range X、Y、Z行程范围	300×400×300mm (Customizable 可定制)

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Model Features 机型特点



CCD monitoring

CCD监测

Real-time monitoring of welding process.

实时监测焊接过程。



X, Y, Z axis movement

X、Y、Z轴移动

High positioning accuracy, stable and efficient welding.

定位精度高、焊接稳定高效。

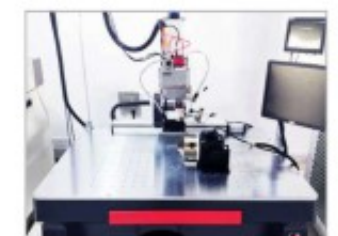


Swing welding joint

摆动焊接头

Stable and efficient welding.

焊接稳定高效。



Worktable

工作台

The overall design is more reasonable, flexible and adjustable, control freely.

整体设计更加合理,灵活可调,驾驭自如。

Application area 应用领域

Widely used in aviation, machinery, electronics, communications, power, chemical, automobile manufacturing and other industries such as lithium ion battery sealing welding (mobile phone battery, power battery) metallurgy industry (silicon steel plate welding) application of military industry sensor, engine blade welding of electronic components precision spot welding and sealing welding (relay) Electrical industry (silicon steel sheet welding, air conditioning motor rotor, leakage protector).

广泛应用于航空、机械、电子、通讯、动力、化工、汽车制造等行业 锂离子电池密封焊接(手机电池、动力电池) 冶金行业(硅钢板的焊接) 应用军工行业传感器、发动机叶片焊接 电子元器件的精密点焊及密封焊接(继电器) 电器行业(硅钢片的焊接、空调电机转子、漏电保护器)。

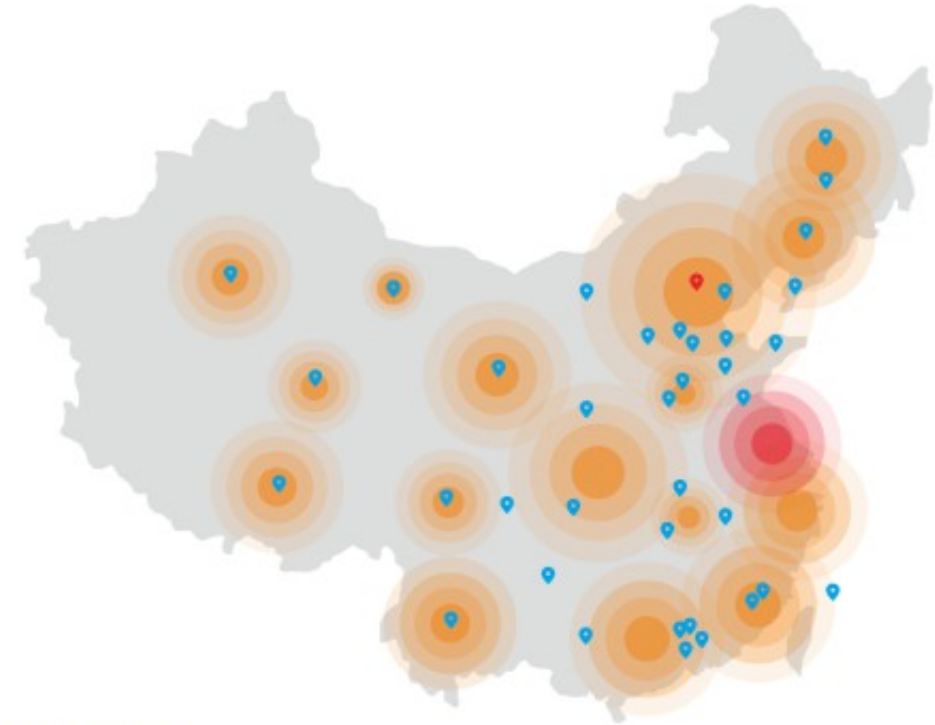
FOREING REGIONAL SERVICE NETWORK

国外区域服务网络示意图



CHINA DOMESTIC SERVICE NETWORK

中国区服务网络示意图



PARTNERS

合作伙伴

With China as the center
We serve 80 countries around the world

以中国为中心 服务全球80多个国家