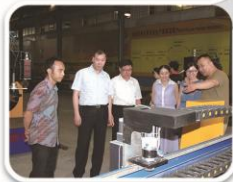


Quality change the world  
Make the world industrial easier



**KASRY®**



凯斯锐始终以文化强企战略，让企业文化推动企业的改革发展，提高企业的创新力、形象和核心竞争力，构建高效率、高品质的制造体系。公司一直本着让想干事的人有机会，让能干事的人有舞台，让干成事的人有地位的用人体制。凯斯锐人做事都秉承“以完美为最终目标”的工作态度，凯斯锐会不断推出具有世界影响力的产品，成为世界级制造企业。

Kasry takes culture strategy that makes enterprise culture promote the company reform and development, enhance the innovation, imagination and core competitiveness of the enterprise. the company dedicates to provide better platform to fulfill potentials of staffs, to let winners have stage, all workers at the aim of perfect, so we can improve to launch products with a world influence, to be a world-class manufacturers.



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三/维/智/能/切/割/机



特别适用于中、薄有色金属板材、不锈钢和碳钢板材的自动化切割下料。在中厚板切割与激光对比：切割速度快，加工成本低，切割质量好。广泛应用于机械产品零件加工行业。  
Particularly suitable for medium and thin metal plates, such as non-ferrous metal plate, stainless steel plate and carbon steel plate, it is in automated cutting. In thick plates cutting compared with laser cutting, it is faster in speed, lower cost, better cutting quality. Widely used in machinery parts processing industries.

★该型切割机采用悬臂式铸造床身结构，横梁铸铝配置高精度进口滚轴丝杆，大功率伺服驱动，空移速度可达20M/MIN，运行非常平稳。闭环控制系统指令运算处理速度快，量身定制软件，小圆孔切割工艺及过烧引入引出线处理，大大提高其切割质量。切割优势适合中板不锈钢及碳钢板加工，该机型均能实现对各种金属材料按任意图形的下料切割。

★KR-PTJ cutting machine adopts cantilever casting bed structure, aluminum beams configured with imported high-precision roller screw, high-power servo drive, air shift speeds up to 20M \ MIN, runs very smoothly. Closed-loop control system with fast processing speed instruction, tailored nesting software, a hole cutting process and the instruction of the burning lead in and out process, largely improving the cutting quality. Specially suitable for stainless steel and carbon steel plate processing, KR-PTJ can achieve a variety of metal materials in any graphic cutting.



## KR-PLD 台式类激光等离子切割机

### High precision plasma cutting machine

规格 Specification	单位	KR-PT1325	KR-PT1530	KR-PT2040
切割系统 Cutting System				
驱动方式 Drive Method	伺服驱动 Double Servo Drive			
切割长度 Cutting Length	mm	1300*2500	1500*3000	2000*4000
空程速度 Air-way Speed	mm/min	<15000		
切割方式 Cutting Mode		等离子 Plasma		
切割厚度 Cutting Thickness	取决于等离子电源 Depending on the plasma power			
切割速度 Cutting Speed	根据等离子功率决定 Depends on thickness and plasma source			
精度 Accuracy				
定位精度 Positioning precision	mm/m	≤±0.2		
重复性 Repeatability	mm/m	≤±0.3		

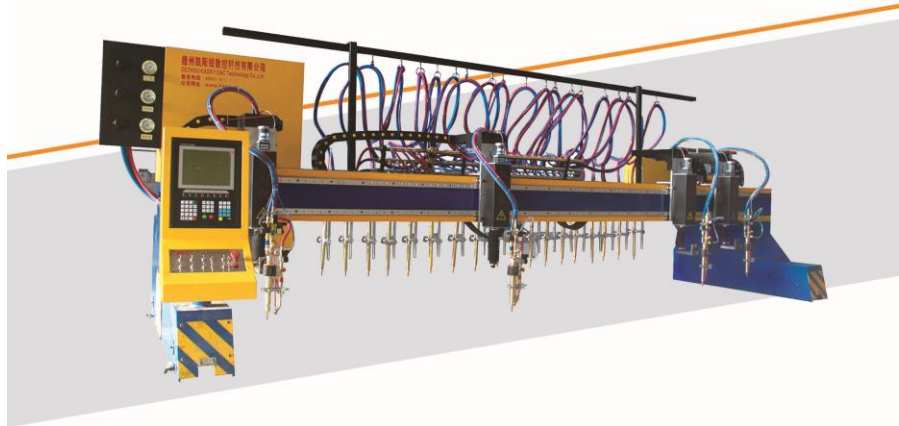
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广泛应用于钢结构行业的板条切割。  
Widely used in the steel structure industry slats cut.



## KR-PLD 龙门式多直条切割机 Multi-Torch CNC cutting machine

型号 Model	KR-PLD 龙门式多直条切割机系列 KR-PLD Multi-Torch CNC cutting machine
切割范围 Cutting Range	3m (2350mm)
机器尺寸 Equipment Size	3m (3500mm×2400mm×1800mm)
切割方式 Cutting Method	火焰/等离子Flame/Plasma
切割厚度 Cutting Thickness	火焰: 6-150mm 等离子: 标配2-14mm Flame: 6-150mm Plasma: Standard 2-14mm
火焰切割速度 Flame Cutting Speed	20-700mm/min
点火方式 Ignition Mode	自动点火 Automatic Ignition
等离子最大穿孔厚度 Max Perforation Thickness	14mm
等离子最大边缘切割厚度 Max Edge Thickness	18mm
等离子切割速度 Move Speed	500-3500mm/min
等离子割枪防撞保护系统 Plasma torch anti-collision protection system	有 Yes
驱动方式 Driving method	步进或者伺服 Stepper or servo
软件 Software	STARCAM
工作条件 Working condition	
压缩气体工作压力 Working pressure of compressed gas	7mpa以上 Above 7Mpa
等离子流量 Gas Flow	450L/h
工作环境 Working Environment	通风, 无火花 Ventilation, no concussion
电源功率 Power	5KW (不含等离子电源功率) 5KW(not include plasma Power)
燃气种类 Gas Type	丙烷 / 乙炔 Acetylene Propane

- ★ 机架采用龙门式结构, 双边驱动提高切割质量。
- ★ 主机正面N组割炬, 用于纵向直线切割, 背面一组横向割炬用于直线切割, 提高切割效率。
- ★ 该机可根据用户需要配置割炬数量, 沿纵向和横向进行切割, 一次行走可切割多条同样割缝。
- ★ The frame use gantry structure, double drive to improve cutting quality.
- ★ Host Group N front torch for longitudinal straight cut back a set of lateral torch for straight cuts, improve cutting efficiency.
- ★ The machine can torch number, longitudinal and transverse cutting configured according to user needs, can cut more than once to walk the same gap.

- 1 此产品适用于钢结构行业或者做钢板直条切割用量比较大的用户。  
This product is suitable for the steel industry or make steel straight cutting relatively large amount
- 2 直条枪的数量选择是根据常用钢板的宽度和切割直条的最小尺寸来选择的。  
Straight torch choice is based on the number of torches used steel straight cutting width and the minimum size to choose.
- 3 机床可以做前面数控异形切割, 后面直条切割多用功能。  
The machine can be made in front of CNC contour cutting back straight cutting multi-purpose functionality.

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轻型机适用于中小企业钢板加工、切割下料、生产制造等用户群体。  
 重型机适用于中厚板材高精度加工行业，如：钢结构、造船厂、机械加工工厂等  
 Light machine for cutting sheet metal working cutting manufacturing user groups.  
 Heavy machine is suitable for high-precision plate material processing industry, such as: steel, shipyards, mechanical processing plants and other large enterprises.



## KR-PL 企业型龙门数控切割机 Gantry CNC cutting machine



- ★轻型机：横梁采用矩形管结构。外形美观，惯性小，刚性好，运行平稳。
- ★重型机：钢板镂空式焊接工艺，刚性好寿命长散热性好，齿条槽及导轨面均采用高精度龙门铣一次性加工而成，提高了切割精度及使用寿命。
- ★Light machine: beams use rectangular tube structure, beautiful appearance, small inertia, good rigidity, smooth operation.
- ★Heavy machine: hollow steel welding technology, good rigidity and long life, good heat dissipation.
- ★Time processing using high-precision gantry milling good rack and rail surface, improve cutting accuracy and lifespan of using.

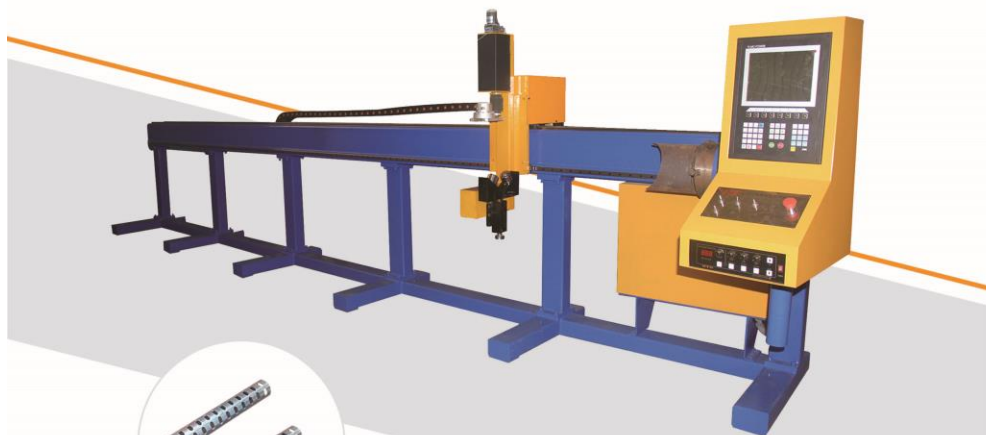
型号 Model	KR-PL 龙门系列	KR-PL Gantry Series
切割范围 Cutting Range	3m (2350mm)	
机桥尺寸 Equipment Size	3m (3500mm*2200mm*1800mm)	
切割方式 Cutting Method	火焰/等离子 Flame/Plasma	
切割厚度 Cutting Thickness	火焰: 6-150mm 等离子: 标配2-14mm	Flame: 6-150mm Plasma: Standard 2-14mm
火焰切割速度 Flame Cutting Speed	20-700mm/min	
点火方式 Ignition Mode	自动点火 Automatic Ignition	
等离子最大穿孔厚度 Max Perforation Thickness	14mm	
等离子最大边缘切割厚度 Max Edge Thickness	18mm	
等离子切割速度 Move Speed	500-3500mm/min	
等离子割炬防撞保护系统 Plasma torch anti-collision protection system	有 Yes	
驱动方式 Driving method	步进或者伺服 Stepper or servo	
软件 Software	STARCAM	
工作环境 Working condition		
压缩气体工作压力 Working pressure of compressed gas	7mpa以上 Above 7Mpa	
等离子需要气体流量 Gas Flow	4500L/H	
工作环境 Working Environment	通风、无震荡 Ventilation, no concussion	
电源功率 Power	5KW (不含等离子电源功率) 5KW(not include plasma Power)	
燃气种类 Gas Type	丙烷 / 乙炔 Acetylene Propane	

- 有效切割和实际机型计算方式：机器X轴跨距-350mm-割枪300mm/第一把机器Y轴-2000mm  
Effective cutting and practical model calculation: X-axis span-350mm-machine torch 300mm / the first torch/Machine Y axis-2000mm.
- 根据板材厚度材质来选择切割方式，不锈钢等有色金属及12mm以下碳钢应采用等离子切割。  
According to the plate thickness and materials to select cutting mode. The following non-ferrous metals such as stainless steel and aluminum should be used plasma cutting.
- 常用切割厚度和最大切割厚度要标明，这样可以给您推荐性价比最高的机型。  
Common cutting thickness and maximum cutting thickness should be marked, so you can recommend to you the most cost-effective model.
- 钢结构行业客户可根据需要选配直条割枪，具体根据所选机型而定。  
The steel industry customers can choose straight cutting torch as per.

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可对碳钢，不锈钢圆形钢管端头切断，管壁开孔，正文，侧文，弯头等切割加工领域的用户群体。  
Application for carbon steel, stainless steel pipe end cutting circular hole, pipe wall, orthogonal, side hand, elbow cutting areas users group.



## ■ KR-XYS 商业型数控圆管切割机 Simplify round pipe CNC cutting machine

- ★机身轻巧简便，价格便宜。
- ★专用数控系统和切割软件，大量标准和特殊图形宏库选择，10英寸显示屏，独立的USB接口专为维护和设置所设计，让工作一目了然。
- ★适合简单工艺的切割，如正交口型，马鞍型及虾米节等，支持割缝补偿。
- ★Light body, easy to operate, reasonable price.
- ★Professional CNC system and cutting software, a large number of standard and special graphical macro library to choose, a 10 inch LCD touch screen, USB interface independent, designed specifically for maintenance and setting, allowing work to stick out a mile.
- ★Suitable for simple process cutting, such as orthogonal embouchure, saddle type section and shrimp, etc. Support the slotting compensation.

型号Model	KR-SYS 商业型管相贯线 KR-XG Roller bed intersection cutting machine
切割范围Cutting range	6m
机器尺寸Machine size	6800mm*800mm*1500mm
切割方式Cutting method	火焰/等离子Flame / plasma
切割厚度Cutting thickness	火焰: 6-60mm 等离子: 标配2-14mm Flame:6-60mm Plasma :standard 2-14mm
火焰切割速度Flame cutting speed	20-700mm/min
控制系统Control system	FL2300B
等离子最大穿孔厚度Plasma max.hole thickness	14mm
等离子最大边缘切割厚度Plasma max.edge cutting thickness	18mm
等离子切割速度Plasma cutting speed	500-3500mm/min
等离子割枪防撞保护系统Plasma torch anti-collision protection system	有Yes
驱动方式Driving method	伺服servo
软件Software	PIPE2012
<b>工作环境Working condition</b>	
压缩气体工作压力Working pressure of compressed gas	7mpa以上 Above 7mpa
等离子需要气体流量Required gas flow of plasma	4500L/H
工作环境Working environment	通风，无震荡Ventilation, no concussion
电源功率Power volatage	5KW(不含等离子电源功率) 5KW(not include plasma source power)
燃气种类Types of gas	丙烷 乙炔Acetylene Propane



可切割各种碳钢、不锈钢等材质的管材广泛应用于压力容器、管材加工、网架结构、钢结构、海洋工程、石油管道等行业。  
Can cut carbon steel, stainless steel and other materials.  
Widely used in pressure vessel pipes, pipe processing, network structure, steel, marine engineering, oil pipelines and other industries.



## KR-XY 圆管相贯线切割机 Round pipe CNC cutting machine

★采用焊接式平台，重型导轨提高整体承重量，人性化结构设计人机交换更加方便合理，运行稳定提高寿命。

★自主研发管材优化数控系统，AutoCAD版工程设计图可直接生成标准G代码，三维仿真操作，节点展开，超长管件分拆，管件优化等，超大的EGES DXF SAT和STL等软件兼容性，终身免费升级可根据用户工艺需求进行修改。

★研华工业电脑可直接在机器上进行编程，采用菜单式选择输入切割参数，如外径、壁厚、坡口角度、偏置、补偿数据等，通过KASRY专业切管应用程序作无缝连接。

★Adopt welding platform, heavy rail and improve the overall bearing weight, humane design human-computer exchange more convenient and reasonable, stable operation and increased life expectancy.

★Independent research and development to optimize CNC pipe systems, AutoCAD version of the engineering design can generate standard G code directly, three-dimensional simulation of the operation, node expansion, long split pipe, fittings optimization, oversized EGES DXF SAT and STL software compatibility and lifetime free upgrade process can be modified according to user needs.

★Taiwan's Advantech industrial computer can be programmed directly on the machine. Using menu-select input cutting parameters such as diameter, wall thickness, bevel angle deviation compensation data. By KASRY professional pipe cutting applications for a seamless connection.

型号Model	KR-XG 滚珠式相贯线切割机 KR-XG Roller bed intersection cutting machine
切割范围Cutting range	6m (长度可定制) 6、9、12m (length can be customized)
机器尺寸Machine size	7800mm*1800mm*1650mm
切割方式Cutting method	火焰/等离子Flame / plasma
切割厚度Cutting thickness	火焰: 6-60mm 等离子: 标配2-14mm Flame: 6-60mm Plasma: standard 2-14mm
火焰切割速度Flame cutting speed	20-700mm/min
控制系统Control system	研华工业电脑 Advantech industrial computer
等离子最大穿孔厚度Plasma max.hole thickness	14mm
等离子最大边缘切割厚度 Plasma max edge cutting thickness	18mm
等离子切割速度Plasma cutting speed	500-3500mm/min
等离子割枪防撞保护系统 Plasma torch anti-collision protection system	有Yes
驱动方式Driving method	伺服servo
软件Software	KASRY PIPE应用软件 KASRY PIPE apply software
<b>工作环境Working condition</b>	
压缩气体工作压力 Working pressure of compressed gas	7mpa以上Above 7mpa
等离子需要气体流量Required gas flow of plasma	4500L/H
工作环境Working environment	通风，无粉尘Ventilation, no concussion
电源功率Power volatage	5KW(不含等离子电源功率)
燃气种类Types of gas	丙烷，乙炔Acetylene Propane

1 可根据切割工艺来选择产品型号管壁不需要坡口切割的  
可以用三轴钢管切割设备，钢结构行业支管坡口母管  
不需要坡口的可以采用四轴切割设备，管道压力容器行  
业支管母管都需要坡口的采用五轴切割设备，大管径圆  
度不好的需要加检测装置，采用六轴切割设备。  
According to the cutting process to select the product model does not require  
beveling will can be used three-axis pipe cutting equipment, steel industry  
branch pipe beveling and not beveling on main pipe need using four-axis cutting  
equipment, pipeline pressure vessel industry manifolds main pipe beveling  
needs using five-axis cutting machines, large diameter roundness bad need to  
install detection device, using a six-axis cutting equipment.

2 建议一般钢管管壁在4mm以下不建议采用坡口切割，  
切割坡口效果不明显采购成本高。  
Beveling above 8mm thickness is recommended.

3 有效切割长度一般根据所采购原材料钢管的长度来  
选择机型。  
The effective cutting length is generally based on the length of the pipe procure-  
ment of raw materials to select models.



## KR-XG 滚床式相贯线切割机 Roller bed intersection cutting machine

可切割各种碳钢、不锈钢等材质的管材广泛应用于压力容器、管材加工、网架结构、钢结构、海洋工程、石油管道等行业。  
Can cut carbon steel, stainless steel and other materials Widely used in pressure vessel pipes, pipe processing, network structure, steel, marine engineering, oil pipelines and other industries.

- ★ 底盘结构采用一体化设计理念，滚轮安装基准面经龙门铣床一次加工，提高整体水平度，人性化结构设计使人机交换更加方便快捷，运行稳定提高寿命。
- ★ 卡盘采用标准的机床卡盘，精度高，结构牢固，操作简单。
- ★ 卡盘的中心高度是浮动可调的。
- ★ 自主研发管材优化数控系统，AutoCAD版工程图可直接生成标准G代码，三维仿真操作，节点展开，超长管件分拆，管件优化等，超大的EGES DXF SAT IES STL等软件兼容性，终身免费升级可根据用户工艺需求进行修改。
- ★ 台湾研华工业电脑可直接在机器上进行编程，采用菜单式选择输入切割参数，如外径、壁厚、坡口角度、偏差、补偿数据等，通过KASRY专业切管应用程序无缝连接。

- ★ The chassis structure with integrated design, roller-mounted gantry milling plane through a process and improve the overall level of humane design makes machines to exchange more convenient and reasonable, stable operation and increased life expectancy.
- ★ Chuck using standard machine chuck, high precision, solid structure, easy to operate.
- ★ Chuck enter height floating adjustable
- ★ Independent research and development to optimize CNC pipe systems, AutoCAD version of the engineering design can generate standard G code directly, three-dimensional simulation of the operation, node expansion, long split pipe, fittings optimization, oversized EGES DXF SAT and STL software compatibility and upgrade free for lifetime, can be modified according to user needs.
- ★ Taiwan Advantech industrial computer can be programmed directly on the machine. Using menu type programming to select input cutting parameter, such as diameter, wall thickness, bevel angle deviation compensation data. By KASRY professional pipe cutting applications for a seamless connection.

型号 Model	KR-XG 滚床式相贯线切割机 KR-XG Roller bed intersection cutting machine
切割范围 Cutting range	6m (长度可定制) 6、9、12m (length can be customized)
机器尺寸	7800mm*1800mm*1650mm
切割方式 Cutting method	火焰/等离子 Flame / plasma
切割厚度 Cutting thickness	火焰: 0-50mm 等离子: 标配2-14mm
火焰切割速度 Flame cutting speed	20-700mm/min
控制系统 Control system	研华工业电脑 Advantech industrial computer
等离子最大穿孔厚度 Plasma max hole thickness	14mm
等离子最大边缘切割厚度 Plasma max edge cutting thickness	18mm
等离子切割速度 Plasma cutting speed	500-3500mm/min
等离子割枪防撞保护系统 Plasma torch anti-collision protection system	有 Yes
驱动方式 Driving method	伺服 servo
软件 Software	KASRY PIPE 应用软件 KASRY PIPE apply software
工作环境 Working condition	
压缩气体工作压力 Working pressure of compressed gas	7mpa 以上 Above 7mpa
等离子需要气体流量 Required gas flow of plasma	4500L/H
工作环境 Working environment	通风，无火花 Ventilation, no concussion
电源功率 Power	5KW (不含等离子电源功率) 5KW (not include plasma source power)
燃气种类 Types of gas	丙烷 乙炔 Acetylene Propane

# KASRY®

管行天下 锐不可挡

三/维/智/能/切/割/机



- ★AUTOCAD空间编程系统,配置KASRY应用插件,建模简单一目了然,可实现矩形、锥形、多棱、椭圆管等特殊异形管件的切割工艺需求。
- ★自主研发管材数字化软件系统具有超大的EGES、DXF、SAT和STL等软件兼容性。
- ★机断锐用户可以享受免费的特种切割工艺的开发及终身的技术服务。
- ★AUTOCAD space programming system configuration KASRY application plug-ins, modeling simple glance, enabling the cutting process requirements rectangular, tapered, polygonal, oval-shaped pipe, and other special fittings.
- ★Independent research and development to optimize CNC pipe systems with large EGES DXF SAT and STL software compatibility.
- ★Kasry users can enjoy free special cutting technology development and lifelong technical services.



可切割各种碳钢、不锈钢等材质的管材广泛应用于建筑幕墙、网架结构、钢结构、海洋工程、游乐设施、健身器材等行业。  
 Applies to all kinds channel, beam, angle, ball flat steel, pipe and rectangular pipe ect allotype pipe profiles production companies.  
 Especially for steel construction, shipbuilding, marine engineering, the elevator industry, building walls, bridges, towers and mechanical engineering industries.

## KR-XF 异形管材切割机

### KR-XF 8 axis all profiles & pipes CNC cutting machine

型号Model	KR-XF异形管材切割机 KR-XF 8 axis all profiles & pipes CNC cutting machine
切割范围Cutting range	6m (长度可定制) 6、9、12m (length can be customized)
机器尺寸	7200mm*1350*2000mm
切割方式Cutting method	火焰/等离子Flame / plasma
切割厚度	火焰: 6-60mm 等离子: 标配2-14mm
Cutting thickness	Flame:6-60mm Plasma-standard 2-14mm
火焰切割速度Flame cutting speed	20-700mm/min
控制系统Control system	研华工业电脑 Advantech industrial computer
等离子最大穿孔厚度	14mm
Plasma max.hole thickness	
等离子最大边线切割厚度	18mm
Plasma max.edge cutting thickness	
等离子切割速度Plasma cutting speed	500-3500mm/min
等离子割枪防撞保护系统	有Yes
Plasma torch anti-collision protection system	
驱动方式Driving method	伺服servo
软件Software	KASRY PIPE应用软件 KASRY PIPE apply software
工作环境Working condition	
压缩气体工作压力	7mpa以上Above 7mpa
Working pressure of compressed gas	
等离子需要气体流量Required gas flow of plasma	450L/H
等离子需要气体流量Required gas flow of plasma	
工作环境Working environment	通风, 无震动Ventilation, no concussion
Power	5KW(不含等离子电源功率) 5KW(not include plasma source power)
Power	
燃气种类Types of gas	丙烷 乙炔Acetylene Propane

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## KR-XH H型钢切割机

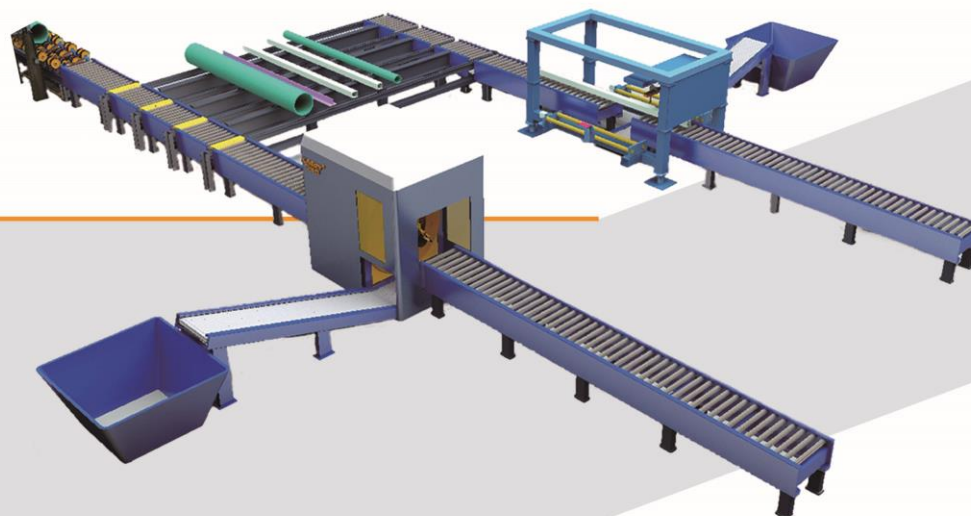
### KR-XH H beam CNC cutting machine

- ★采用焊接式平台，重型导轨提高整体承重量，人性化结构设计人机交换更加方便合理，运行稳定提高寿命。
- ★加拿大专业异形管材切割系统，基于AutoCAD平台二次开发应用程序，建模快捷方便，任意图形搭接一目了然，可直接生成标准G代码，三维仿真操作，节点展开，超长管件分析，管件优化等，超大的EGES DXF SAT和STL等软件兼容性。
- ★研华工业电脑可直接在机器上进行编程，采用菜单式编程选择输入切割参数，如外径，壁厚，坡口角度，偏置，补偿数据等，同时可通过其他专业软件无缝连接。
- ★Adopt welded platform, improving the overall bearing the weight by heavy rail, humane design human-computer exchange more convenient and reasonable, stable operation and increased life expectancy.
- ★Canadian professional special-shaped pipe cutting system, the AutoCAD platform application development based on the two time, convenient and fast modelling, arbitrary graphics overlapping slick out a mile, can directly generate standard G code. The 3D simulation, operation, nodal expansion, super long pipe fittings such as spin off, optimization, EGES DXF SAT and STL software compatibility of ultra large.
- ★Advantech industrial computer programming can be directly on the machine. Using menu type programming to select input cutting parameter, such as outer diameter, wall thickness, bevel Angle, deviation, compensation data, and so on. At the same time a seamless connection can be made by other professional software.

可切割各种碳钢，不锈钢等材质的管材广泛应用于建筑幕墙，网架结构，钢结构，海洋工程，游乐设施，健身器材等行业。

It can cut various carbon steel, stainless steel and other materials of profiles. Widely used in Building walls, web structure, steel structure, marine engineering, recreational facilities, fitness equipment and other industries.

型号Model	KR-XH H型钢切割机 KR-XH H Beam CNC cutting machine
切割范围Cutting range	根据客户需要选配 According to customer needs matching
切割管长Cutting length	根据客户需要选配 According to customer needs matching
驱动方式Drive method	伺服驱动 Servo motor
切割厚度Cutting thickness	火焰切割: 0-60mm 等离子切割: 根据选定等离子电源而定 Flame cutting: 0-60mm Plasma cutting: According to the selected plasma power
切割方式Cutting method	火焰/等离子 Flame / plasma
运动速度Moving speed	20-6000mm/min
"X"-axis	标准机型进给轴有效加工范围(8000mm),具体可根据客户需求订制 Standard model effective processing range (8000mm), can be made according to customer requirements
"Y"-axis	割炬旋转轴 Chuck rotation
"Z"-axis	升降轴 Lifting the effective stroke
"A"-axis	坡口切割左右偏摆角度45° Bevel cutting left and right the deflection Angle45°
"B"-axis	坡口切割前后偏摆角度45° Bevel cutting front and back swing angle45°
"U"-axis	切割枪前后移动轴 Torch Moving the cutting front and back
切割精度Cutting accuracy	+/-1.5毫米 +/-1.5mm
重复性Repeatability X, Y, Z	+/-0.02毫米 +/-0.02mm
输入功率Input Power	AC380V/50HZ三相 AC380V / 50HZ three-phases
适用范围Application	适用于: 型材加工, 如: 钢结构, 换热设备, 石油管道和各种管类加工的行业等 Suitable for: profiles processing, such as: steel structure, heat transfer equipment, oil pipelines with various tube processing industry etc.



## KR-XP All-round 360 automatic cutting line



### KR-XP全能360自动切割线

- ★全能360生产线切割组一站式工作流程，可实现管材自动上料，自动进给，自动切割，自动输送作业。
- ★采用KASRY套料编程系统作为主要的编程工具，该软件以AUTOCAD为基本的编程平台，操作简单，图形直观，功能丰富，可以大大地提高作业效率。
- ★高端三维空间柔性机械手切割应用，实现坡口切割功能。管材与割炬采用伺服定位对中功能。
- ★All-round 360 production line cutting group stop workflow, enabling automatic tube feeding, automatic feed, automatic cutting, automatic transmission operation.
- ★Using KASRY Nesting programming system as a major programming tool, the software programming platform AUTOCAD basic, simple, graphical and intuitive, feature-rich, it can greatly improve operational efficiency.
- ★High-end three-dimensional flexible robotic cutting applications, to achieve bevel cutting function, the pipe and the torch using the servo positioning function.

可切割碳钢、不锈钢、铜、铝等各种管材及型材，如：方管、圆管、椭圆管、矩型管、H型钢、工字钢、角钢、槽钢等该设备广泛运用于各种管材型材加工领域、船舶行业、网架结构、钢结构、海洋工程、石油管道等行业。

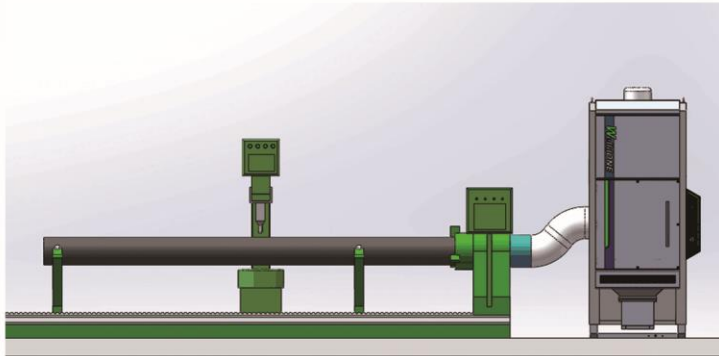
Can cut carbon steel, stainless steel, copper, aluminum materials.  
Processing pipes and profiles, such as: the tube, pipe, oval pipe, rectangular pipe, H-beam, I-beam, angle, channel, etc.  
Widely used in various kind of pipes profiles processing field, shipbuilding industry, network structure, steel, marine engineering, oil pipelines and other industries.

型号/Model	KR-XQ 全能360自动切割线 All-round 360 automatic cutting line
切割机组的总长度 The total length of the cutting unit	26000mm
上料输送滚轮 Feeding roller	12000mm
出料输出滚轮 Discharge roller	11000mm
存货台架 Inventory bench	12000mm
有效切割工件长度 Effective cutting length of the workpiece	12000 mm
切割管壁厚度 Wall cutting thickness	4—60 mm
坡口角度 Bevel angle	≤ ± 45°
移动速度 Moving speed	6000 mm/min
切割管壁厚度	4—60 mm
等离子割枪防撞保护系统	有
切割方式	火焰、等离子可选配
软件	KASRY PIPE应用软件
工作环境	
压缩气体工作压力	7mpa以上
等离子需要气体流量	4500L/H
工作环境	通风、无震荡
电源功率	5KW(不含等离子电源功率)
燃气种类	丙烷/乙炔

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行/业/配/套/除/设/备



相贯线切割烟尘



## 相贯线烟尘治理 Intersection fume treatment



相贯线切割烟尘



室外机型



**顶端吸除系统——适用于适用于相贯线切割机、激光切管机**

★相贯线切割一般是管材切割加工，主要是管材的切断及加工相贯线。管材一般都是长度比较长，且管壁比较厚，产生的烟尘量比较大。该种切割机一般采用在切割机卡盘端口直接抽风的除尘方式，当切割头切口比较多的时，烟尘外溢的会比较多，这时在切割头上方最好加一个吸风罩，以确保除尘效果。

**Top suction dust removal system, suitable for intersection pipe cutting machine, laser pipe cutting machine.**

★Intersection cutting is pipe cutting process. Mainly is the pipe cutting and processing. Generally pipes length is longer, and pipe wall is more thick, the smoke volume is larger. This cutting machine adopt that directly ventilation method on chuck port, when the cutting head cutting beveling is more, the will of the smoke is more, at this time with a suction hood at the above of cutting head, to ensure that the dust removal effect.



## 切割烟尘治理 Cutting fume treatment

★在金属切割下料过程中会产生大量的有害烟尘通过呼吸道侵入到人的肝、肺、心血管及血液中，如果不及时治理，不但危害员工的健康，还会严重危害现场环境、车间设备。  
★威尔登可以根据现场工况，为您提供最佳治理方案，改善作业环境，满足环保要求。

**下吸式除尘系统——适用于台式火焰、等离子、激光切割机**

★切割烟尘吸收净化的效果很大程度上取决于除尘式切割台的设计。为了将烟尘吸收率提高到最大程度，下吸式切割台内部被分成多个独立区域进行单独分段吸尘。每个独立区域带有独立阀门，并通过切割机控制进行配合自动打开切割时所在区域的风阀进行吸烟除尘。切割台的料架可以整体吊装，下部每个吸烟区域设置有粉尘收集箱，方便吊装和倾倒粉尘。

吹吸式适用于有效切割宽度 < 5米  
双吸式适用于有效切割宽度 > 5米

★In the metal cutting blanking process which can create a large amount of harmful smoke can through the respiratory tract to the person's liver, lungs, cardiovascular and blood. If not timely treatment, not only endangers the health of employees, but also cause serious damage to the environment, workshop equipment.

**Down draft type dust removal system is suitable for the table type flame, plasma, laser cutting machine**

★The effect of the cutting dust absorption is depended on largely dust removal cutting table design. In order to soot absorption rate increase to the greatest extent, Down draft type cutting table inside is divided into multiple independent regional individually segmented vacuuming. Each independent area with the valve, and through the automatic cutting machine control to cooperate opened the cutting area of air valve in smoke dust collection. Cutting machine rack can be integral hoisting, underneath each suction locale have dust collecting box, for lifting and falling dust.

Push-pull type suitable effective cutting width < 5 meters  
Double-suction type suitable for effective cutting width > 5 meters



顶部气罩



龙门切割头伴随移动集尘罩  
Gantry cutting head with mobile dust cover



上下移动伴随气罩 Move up and down along with the gas mask



固定罩 Fixed hood

### 侧吸式除尘系统——适用于龙门式火焰、等离子、激光切割机

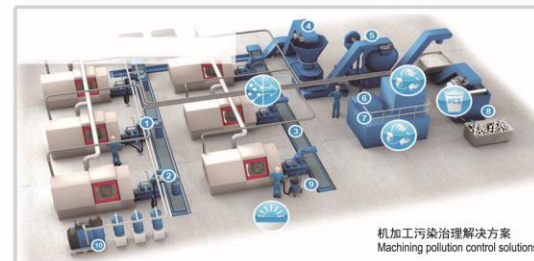
★侧吸式除尘系统即在切割工作台一侧设置一个可以随切割机一起移动的吸风口，相应的另一侧设置一个带有小型轴流风机的吹风口，或是在工作台两侧各设置一个吸风口，在其切割时比较窄的若干个隔栅之间形成一个风道。切割工作时，吸风口通过除尘系统进行吸气，切割时产生大量飞溅火星和颗粒粉尘直接落入切割台下部粉尘收集箱，细微颗粒的烟尘随强气流吸入吸风口。吸风口随龙门架移动跟随割枪将切割产生的烟尘吸入橡胶密封吸风道内，最终进入除尘设备。

### Side suction dust removal system, suitable for gantry type flame, plasma, laser cutting machine

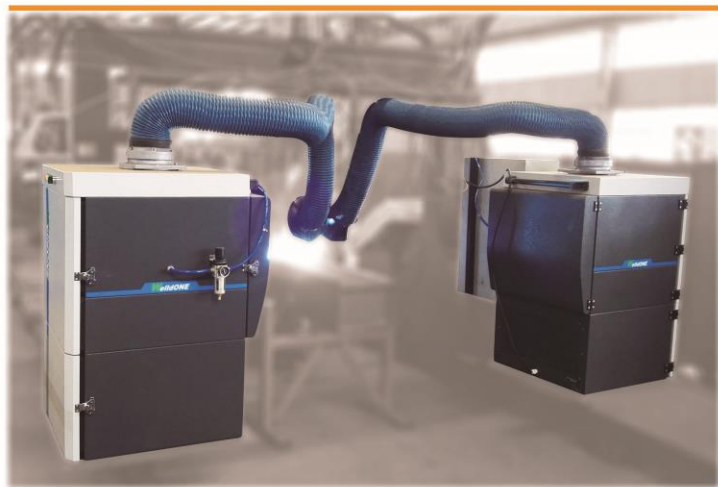
★Side suction dust removal system is at the side of the cutting table set a can move together with the cutting machine exhaust opening, the other side of the corresponding set with a small axial flow fan blowing mouth, or in the workbench flanked by setting a layers, in its narrow cutting the number of barrier formed between a duct. Cutting work, absorb by inhaling dust removal system, cutting dust produced when a large number of Mars and big splash particles directly into cutting from the dust collecting box, fine particles of soot with strong air suction exhaust opening. Absorb the gantry movement will follow the cutting torch cutting produce rubber seal inside the suction air duct smoke inhalation, eventually into the dust removal equipment.

- ① 加工中心金属屑与切削液分离
- ② 焊切割油雾净化处理器
- ③ 物料输送机
- ④ 长金属屑的垂直粉碎机
- ⑤ 高速离心固液分离器
- ⑥ 高效金属切削液冷却器
- ⑦ 切削液供应中心
- ⑧ 金属碎片压块机
- ⑨ 移动式工业吸尘器
- ⑩ 高压真空吸尘系统

- ① processing center metal cutting fluid separation
- ② welding cutting oil mist purification processor
- ③ material conveyor
- ④ long metal scrap rising mill
- ⑤ adjusting centrifugal liquid separator
- ⑥ efficient metal cutting cooler
- ⑦ Cutting fluid supply center
- ⑧ the pieces of metal block making machine
- ⑨ mobile industrial vacuum cleaner
- ⑩ high pressure vacuum dust collection system



机加工污染治理解决方案  
Machining pollution control solutions



## 焊接烟尘治理 SWelding fume treatment

★焊接烟尘是在生产过程中形成的，并能长时间悬浮于空气中的由于焊接产生的固体微粒。它是污染作业环境，损害劳动者健康的重要的职业病危害因素，可引起包括尘肺在内的多种职业性肺部疾病。

★威尔登可以根据现场工况，为您提供最佳治理方案，改善作业环境，满足环保要求。

★Welding smoke and dust is formed in the process of production, and can be floating in the air for a long time due to welding of solid particles. It is the working environment pollution and harm to the health of the workers important occupational-disease-inductive factors, can cause a variety of occupational lung disease, including pneumoconiosis.

★Weldon based on site conditions, to provide the best management scheme for you, improvement the working condition and the satisfaction protection requirements.



直线焊接专机除尘  
Straight seam welding machine dust removal



焊烟吸尘臂



多工位固定点烟尘净化系统



- ① 焊枪套件焊接烟气抽排
- ② 桌面真空清扫吸尘
- ③ 地面真空清扫吸尘
- ④ 焊接机器人区域除尘净化
- ⑤ 等离子火焰切割烟尘吸排
- ⑥ 能源节约利用
- ⑦ 焊接烟尘和脚尘回收臂
- ⑧ 滑轨焊接烟气回收臂
- ⑨ 单点吸风臂
- ⑩ 排风车与消音系统
- ⑪ 滤筒式集尘器
- ⑫ 移动式工业吸尘器
- ⑬ 便携式闭合磨砂设备
- ⑭ 焊接弧光遮挡布
- ⑮ 高压真空吸尘系统
- ⑯ 焊接和打磨工作台



滤筒式焊烟集尘系统

- ① Welding torch welding smoke exhaust fume gas suite
- ② Desktop vacuum cleaning the dust collection
- ③ The ground vacuum cleaning vacuuming
- ④ Welding smoke purification robot area
- ⑤ The plasma flame cutting dust suction line
- ⑥ Energy saving and utilization
- ⑦ Welding smoke and dust absorption arm
- ⑧ Rail welding gas absorption arm
- ⑨ A single point of suction arm
- ⑩ Windmills and sound system
- ⑪ The filter cartridge dust collector
- ⑫ Mobile type industrial vacuum cleaner
- ⑬ Portable closed sandblasting equipment
- ⑭ The welding arc shade cloth
- ⑮ High pressure vacuum dust collection system
- ⑯ Welding and grinding the workbench

